

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042123\
 Data File : VX035226.D
 Acq On : 21 Apr 2023 12:16
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/24/2023
 Supervised By : Mahesh Dadoda 04/24/2023

Quant Time: Apr 22 01:03:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 01 01:50:18 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.544	168	248279	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	391189	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	350690	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	177213	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	155212	40.877	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	81.760%		
35) Dibromofluoromethane	5.379	113	126826	49.017	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.040%		
50) Toluene-d8	8.647	98	465736	48.767	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.540%		
62) 4-Bromofluorobenzene	11.079	95	186358	50.426	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.860%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	154324	62.320	ug/l	98
3) Chloromethane	1.294	50	135758	43.786	ug/l	99
4) Vinyl Chloride	1.374	62	138402	45.084	ug/l	98
5) Bromomethane	1.618	94	85410	42.815	ug/l	96
6) Chloroethane	1.691	64	77743	38.924	ug/l	99
7) Trichlorofluoromethane	1.886	101	205291	41.597	ug/l	100
8) Diethyl Ether	2.130	74	77200	44.371	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	139907	54.238	ug/l	97
10) Methyl Iodide	2.453	142	150362	46.808	ug/l	99
11) Tert butyl alcohol	3.014	59	129216	193.957	ug/l #	83
12) 1,1-Dichloroethene	2.319	96	132237	51.881	ug/l	99
13) Acrolein	2.239	56	169147	246.642	ug/l	99
14) Allyl chloride	2.666	41	241013	48.265	ug/l	97
15) Acrylonitrile	3.069	53	371255	247.570	ug/l	100
16) Acetone	2.392	43	368033	238.596	ug/l	99
17) Carbon Disulfide	2.514	76	327410	51.289	ug/l	99
18) Methyl Acetate	2.703	43	273734	49.946	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	463856	49.153	ug/l	99
20) Methylene Chloride	2.788	84	151390	49.736	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	144172	51.864	ug/l	95
22) Diisopropyl ether	3.757	45	478635	47.504	ug/l	90
23) Vinyl Acetate	3.715	43	1728810	240.586	ug/l	99
24) 1,1-Dichloroethane	3.605	63	268145	49.463	ug/l	100
25) 2-Butanone	4.562	43	517348	230.571	ug/l	95
26) 2,2-Dichloropropane	4.471	77	220622	49.487	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	167240	50.773	ug/l	96
28) Bromochloromethane	4.897	49	105332	39.720	ug/l	92
29) Tetrahydrofuran	5.007	42	317722	226.037	ug/l	97
30) Chloroform	5.086	83	268451	48.754	ug/l	99
31) Cyclohexane	5.464	56	244863	52.960	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	236898	50.417	ug/l	98
36) 1,1-Dichloropropene	5.690	75	203730	53.148	ug/l	98
37) Ethyl Acetate	4.708	43	197713	49.327	ug/l	98
38) Carbon Tetrachloride	5.678	117	203936	56.428	ug/l	99
39) Methylcyclohexane	7.379	83	263679	64.777	ug/l	99
40) Benzene	6.037	78	594686	54.043	ug/l	100

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 01 01:50:18 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	115060	52.784	ug/l	98
42) 1,2-Dichloroethane	6.080	62	211055	48.244	ug/l	98
43) Isopropyl Acetate	6.336	43	333543	49.740	ug/l	97
44) Trichloroethene	7.123	130	163774	58.305	ug/l	98
45) 1,2-Dichloropropane	7.428	63	153702	53.602	ug/l	100
46) Dibromomethane	7.580	93	102457	51.931	ug/l	93
47) Bromodichloromethane	7.818	83	198468	54.460	ug/l	99
48) Methyl methacrylate	7.690	41	167616	50.898	ug/l	94
49) 1,4-Dioxane	7.720	88	57188	842.650	ug/l #	80
51) 4-Methyl-2-Pentanone	8.574	43	984351	248.028	ug/l	97
52) Toluene	8.714	92	378006	52.686	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	223647	57.046	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	246841	57.534	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	150164	55.299	ug/l	97
56) Ethyl methacrylate	9.116	69	235313	55.308	ug/l	92
57) 1,3-Dichloropropane	9.305	76	256118	53.258	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	571260	263.700	ug/l	96
59) 2-Hexanone	9.427	43	749484	249.681	ug/l	95
60) Dibromochloromethane	9.519	129	154451	59.709	ug/l	100
61) 1,2-Dibromoethane	9.610	107	158091	55.987	ug/l	99
64) Tetrachloroethene	9.275	164	143960	57.362	ug/l	98
65) Chlorobenzene	10.079	112	410067	56.200	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	148703	59.268	ug/l	98
67) Ethyl Benzene	10.195	91	726747	54.981	ug/l	100
68) m/p-Xylenes	10.299	106	565008	111.901	ug/l	98
69) o-Xylene	10.640	106	275212	55.640	ug/l	99
70) Styrene	10.653	104	455462	57.682	ug/l	98
71) Bromoform	10.799	173	109230	64.010	ug/l	99
73) Isopropylbenzene	10.963	105	729424	56.192	ug/l	100
74) N-amyl acetate	10.842	43	291678	49.976	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	218445	51.345	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	179209m	50.189	ug/l	
77) Bromobenzene	11.195	156	176670	54.927	ug/l	93
78) n-propylbenzene	11.305	91	841500	56.117	ug/l	98
79) 2-Chlorotoluene	11.366	91	505601	53.402	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	624704	57.558	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	63634	53.409	ug/l	99
82) 4-Chlorotoluene	11.451	91	583925	53.110	ug/l	97
83) tert-Butylbenzene	11.713	119	612461	60.093	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	617731	55.968	ug/l	100
85) sec-Butylbenzene	11.890	105	766283	61.802	ug/l	99
86) p-Isopropyltoluene	12.006	119	662922	64.119	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	337566	57.629	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	341407	55.805	ug/l	99
89) n-Butylbenzene	12.329	91	580281	64.240	ug/l	99
90) Hexachloroethane	12.536	117	105532	65.881	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	330585	56.351	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	44988	50.659	ug/l	86
93) 1,2,4-Trichlorobenzene	13.585	180	217472	65.543	ug/l	97
94) Hexachlorobutadiene	13.725	225	96146	65.882	ug/l	99
95) Naphthalene	13.774	128	671497	56.956	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	209836	62.711	ug/l	99

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MSVOA_X
ClientSampleId :
VSTDCCC050

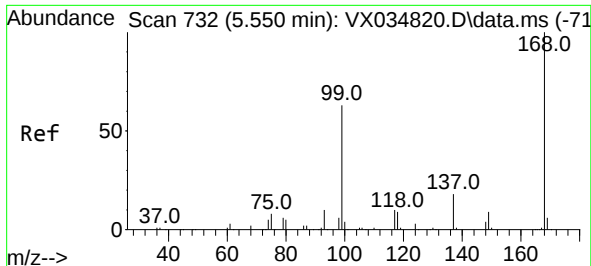
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/24/2023
Supervised By :Mahesh Dadoda 04/24/2023

Quant Time: Apr 22 01:03:49 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
Quant Title : SW846 8260
QLast Update : Sat Apr 01 01:50:18 2023
Response via : Initial Calibration

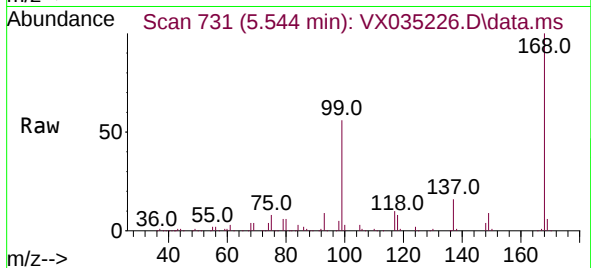
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX035226.D
Acq: 21 Apr 2023 12:16

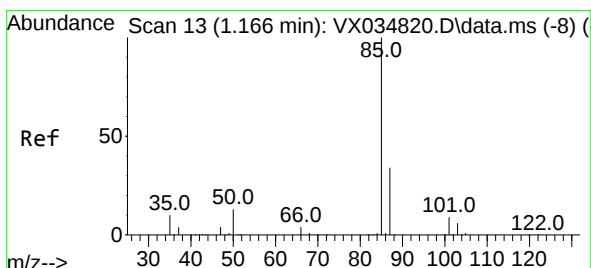
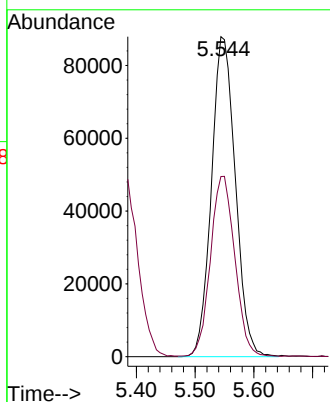
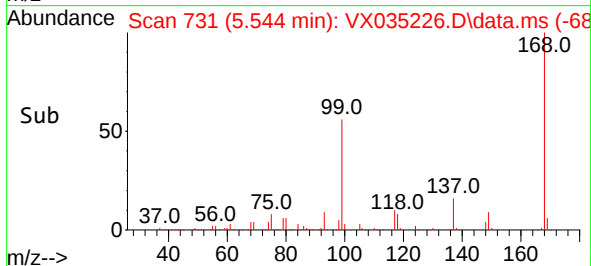
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 248279
Ion Ratio Lower Upper
168 100
99 56.1 45.7 68.5

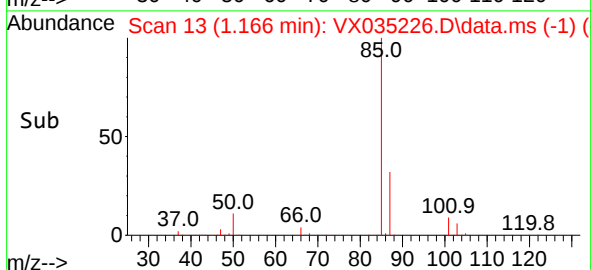
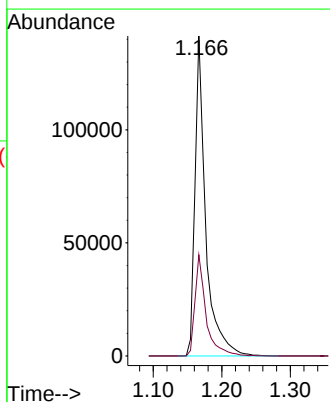
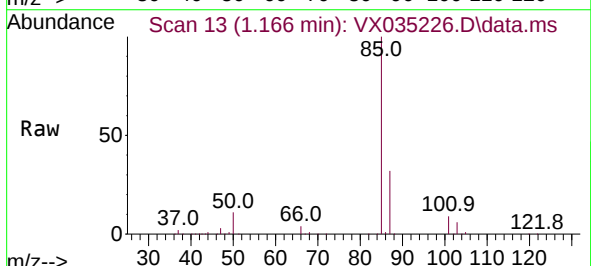
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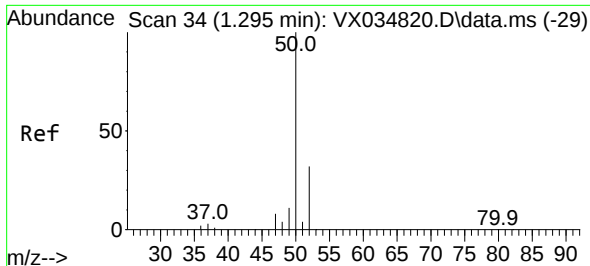
Reviewed By :John Carlone 04/24/2023
Supervised By :Mahesh Dadoda 04/24/2023



#2
Dichlorodifluoromethane
Concen: 62.320 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX035226.D
Acq: 21 Apr 2023 12:16

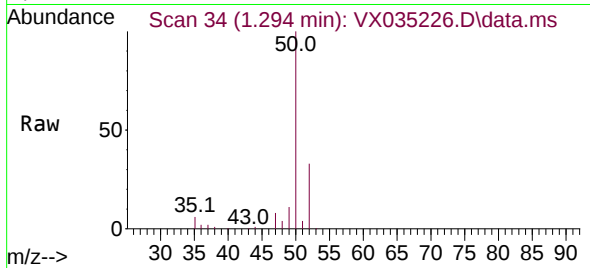
Tgt Ion: 85 Resp: 154324
Ion Ratio Lower Upper
85 100
87 31.6 16.4 49.1





#3
Chloromethane
Concen: 43.786 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX035226.D
Acq: 21 Apr 2023 12:16

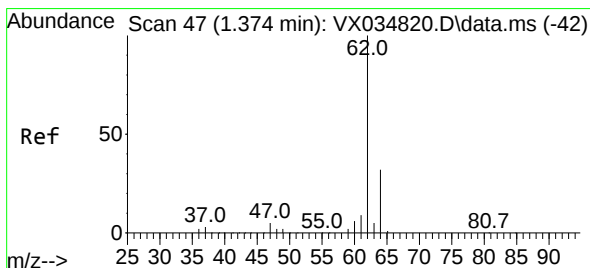
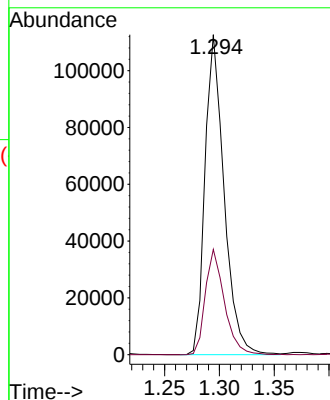
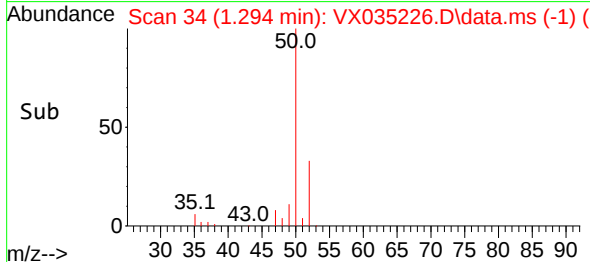
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 50 Resp: 135758
Ion Ratio Lower Upper
50 100
52 32.9 25.9 38.9

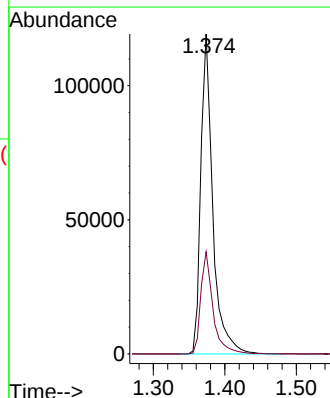
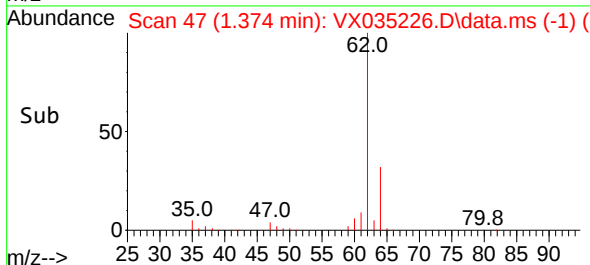
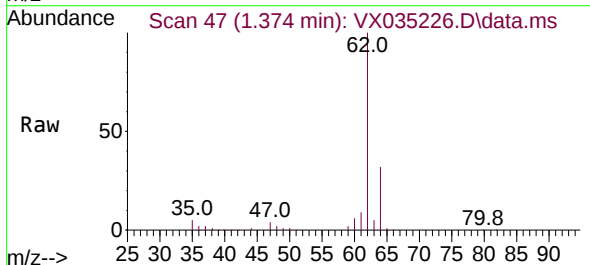
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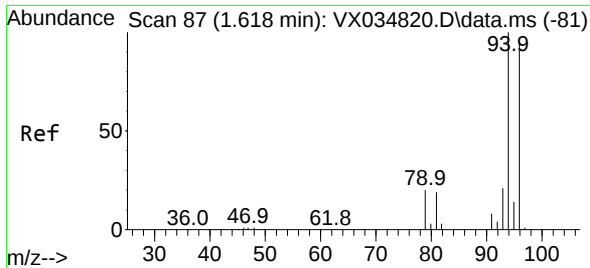
Reviewed By :John Carlone 04/24/2023
Supervised By :Mahesh Dadoda 04/24/2023



#4
Vinyl Chloride
Concen: 45.084 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX035226.D
Acq: 21 Apr 2023 12:16

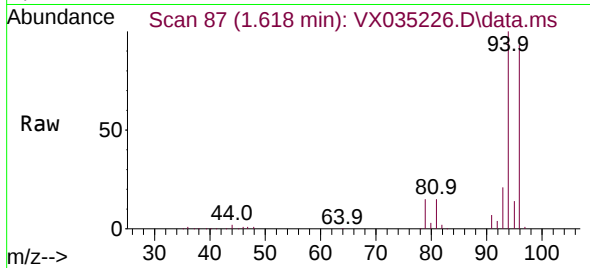
Tgt Ion: 62 Resp: 138402
Ion Ratio Lower Upper
62 100
64 32.0 26.4 39.6





#5
Bromomethane
Concen: 42.815 ug/l
RT: 1.618 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX035226.D
Acq: 21 Apr 2023 12:16

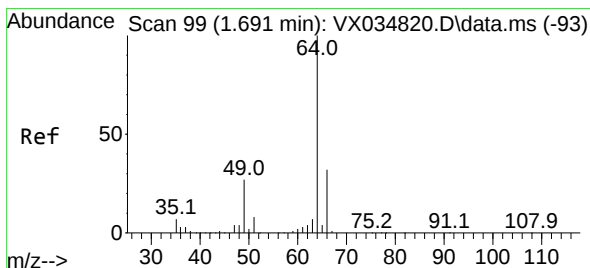
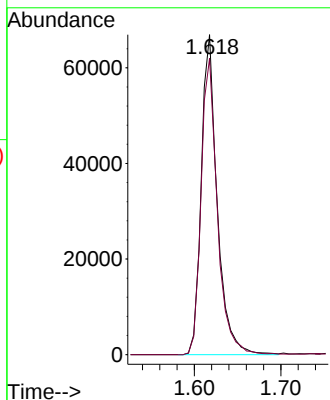
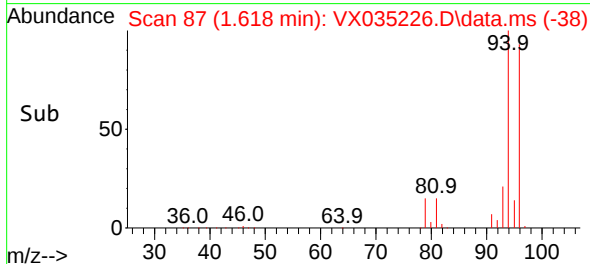
Instrument :
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Tgt Ion: 94 Resp: 85410
Ion Ratio Lower Upper
94 100
96 92.6 77.0 115.6

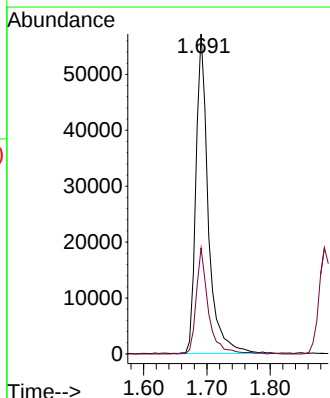
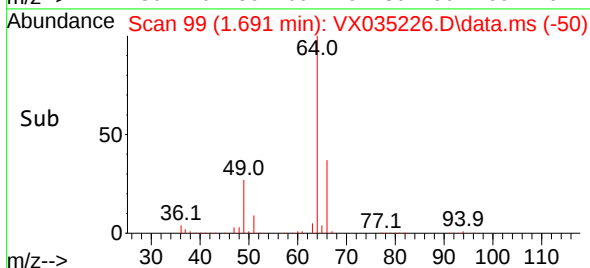
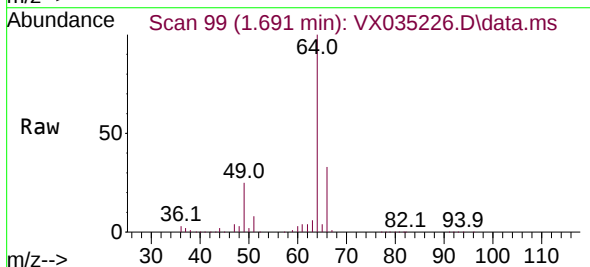
Manual Integrations
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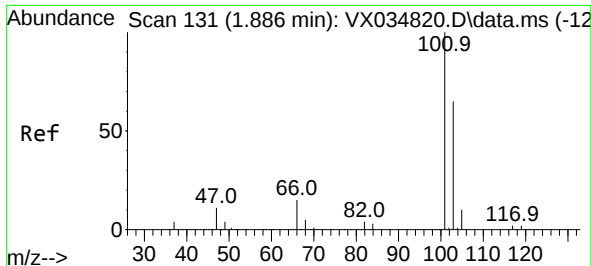
Reviewed By :John Carlone 04/24/2023
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#6
Chloroethane
Concen: 38.924 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX035226.D
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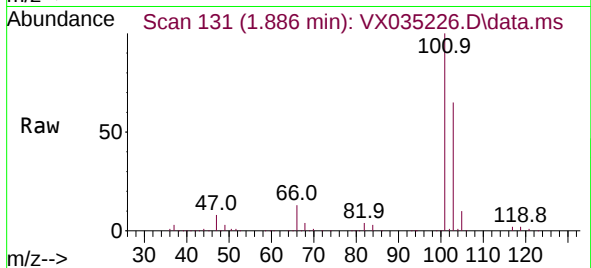
Tgt Ion: 64 Resp: 77743
Ion Ratio Lower Upper
64 100
66 33.2 26.2 39.4





#7
Trichlorofluoromethane
Concen: 41.597 ug/l
RT: 1.886 min Scan# 131
Delta R.T. -0.000 min
Lab File: VX035226.D
Acq: 21 Apr 2023 12:16

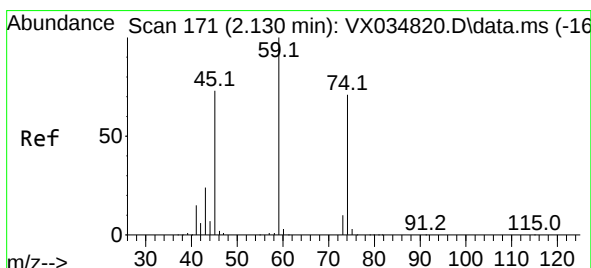
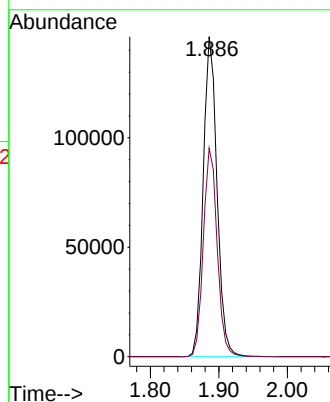
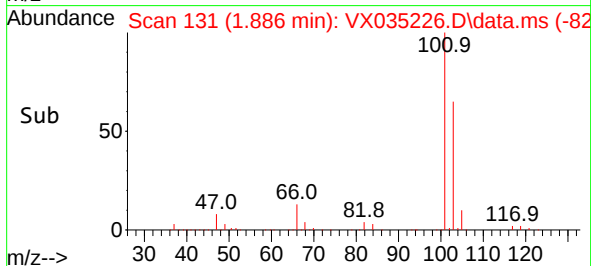
Instrument :
MSVOA_X
ClientSampleId :
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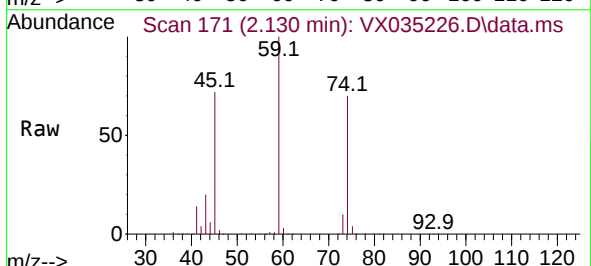
Tgt Ion:101 Resp: 20529
Ion Ratio Lower Upper
101 100
103 65.2 52.0 78.0

Manual Integrations
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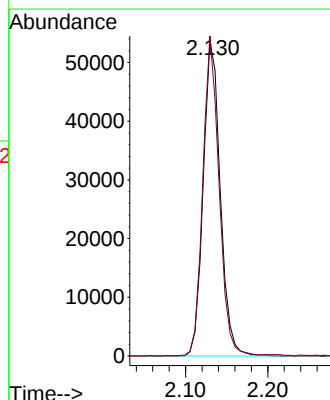
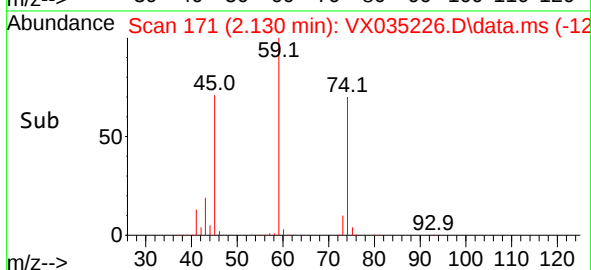
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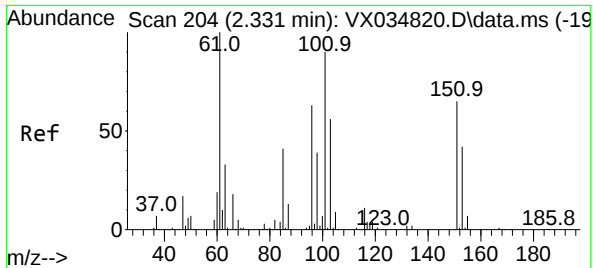


#8
Diethyl Ether
Concen: 44.371 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX035226.D
Acq: 21 Apr 2023 12:16



Tgt Ion: 74 Resp: 77200
Ion Ratio Lower Upper
74 100
45 97.2 49.8 149.3





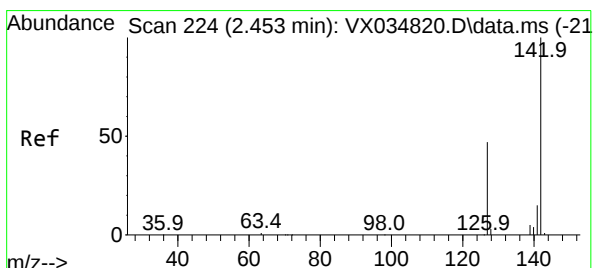
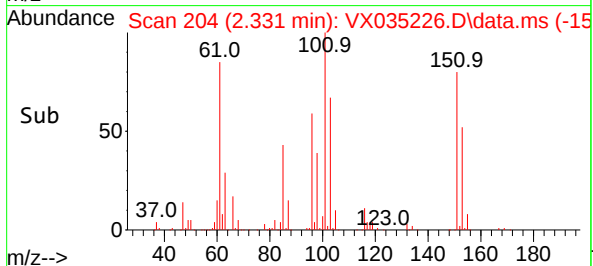
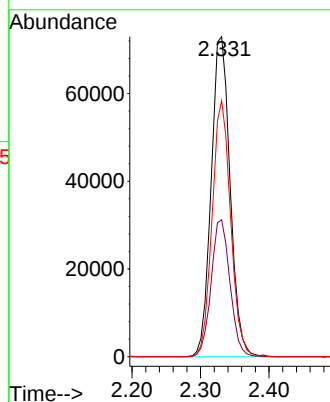
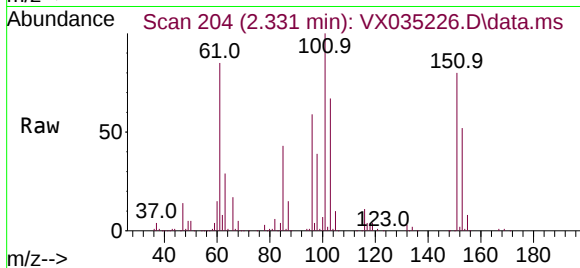
#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.238 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX035226.D
Acq: 21 Apr 2023 12:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 13990
Ion Ratio Lower Upper
101 100
85 42.5 35.4 53.2
151 78.0 60.2 90.4

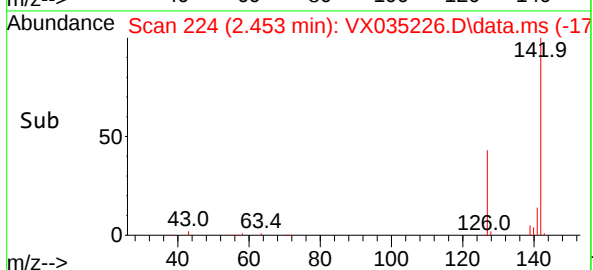
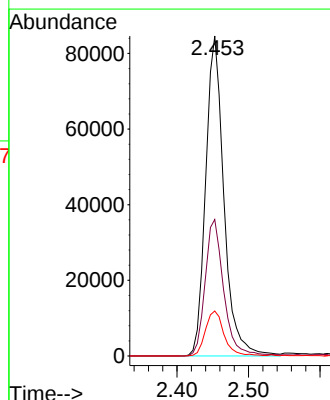
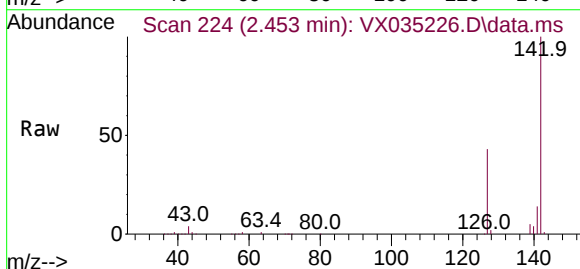
Manual Integrations
APPROVED

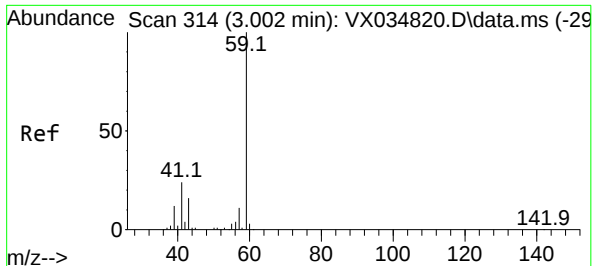
Reviewed By :John Carlone 04/24/2023
Supervised By :Mahesh Dadoda 04/24/2023



#10
Methyl Iodide
Concen: 46.808 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX035226.D
Acq: 21 Apr 2023 12:16

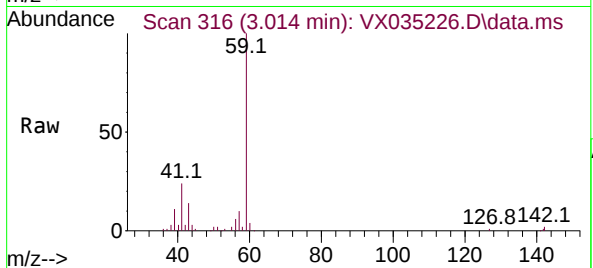
Tgt Ion:142 Resp: 150362
Ion Ratio Lower Upper
142 100
127 43.5 34.0 51.0
141 14.4 11.1 16.7





#11
Tert butyl alcohol
Concen: 193.957 ug/l
RT: 3.014 min Scan# 314
Delta R.T. 0.012 min
Lab File: VX035226.D
Acq: 21 Apr 2023 12:16

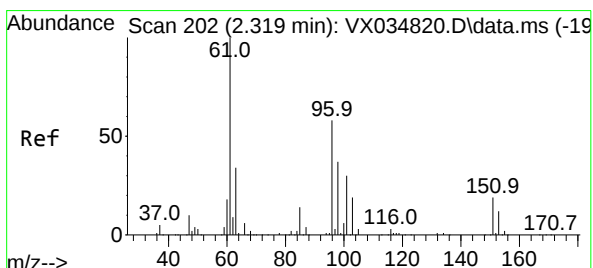
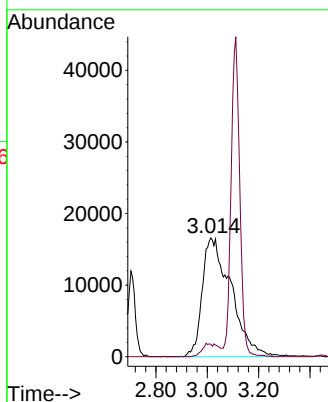
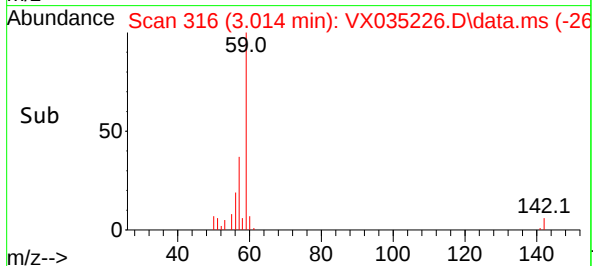
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 59 Resp: 129210
Ion Ratio Lower Upper
59 100
57 3.9 8.1 12.1

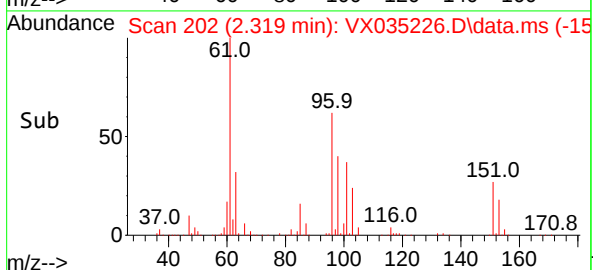
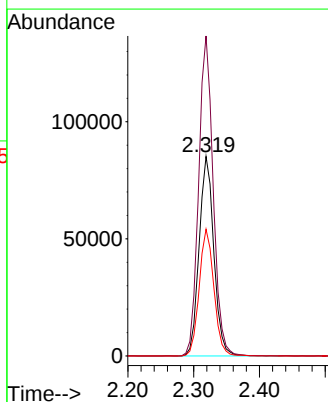
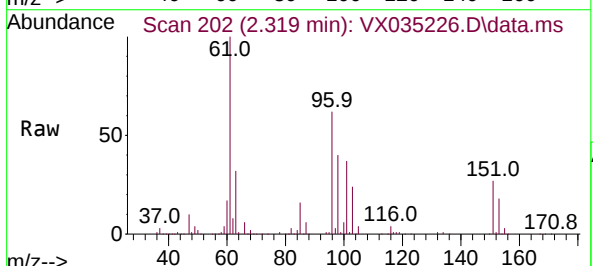
Manual Integrations
APPROVED

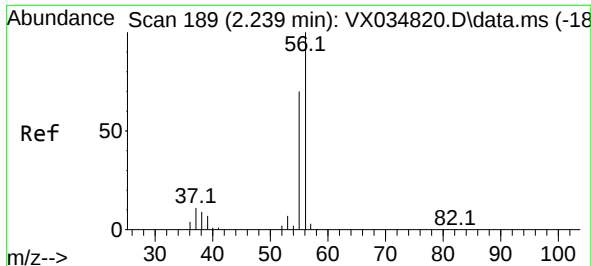
Reviewed By :John Carlone 04/24/2023
Supervised By :Mahesh Dadoda 04/24/2023



#12
1,1-Dichloroethene
Concen: 51.881 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX035226.D
Acq: 21 Apr 2023 12:16

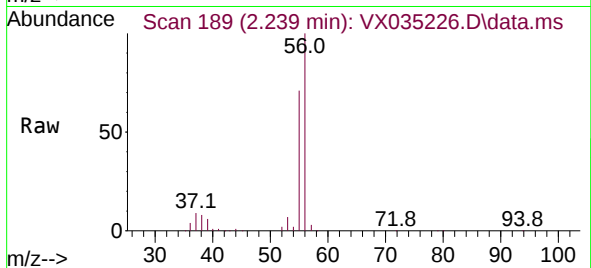
Tgt Ion: 96 Resp: 132237
Ion Ratio Lower Upper
96 100
61 160.4 128.8 193.2
98 63.5 51.4 77.0





#13
Acrolein
Concen: 246.642 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX035226.D
Acq: 21 Apr 2023 12:16

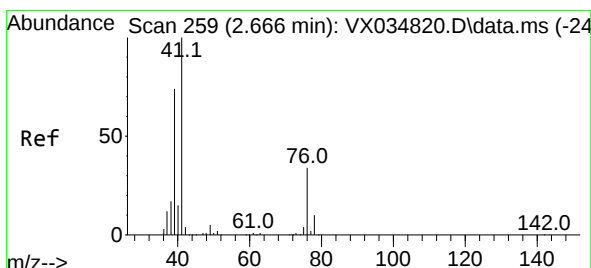
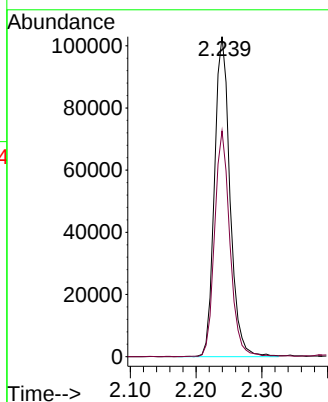
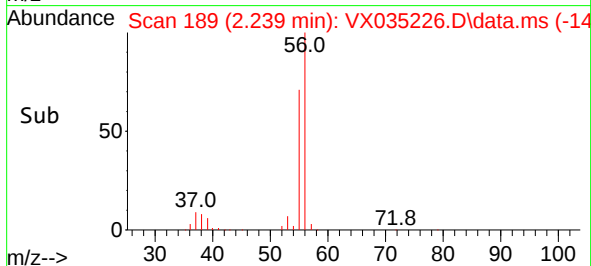
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 16914
Ion Ratio Lower Upper
56 100
55 69.7 56.6 85.0

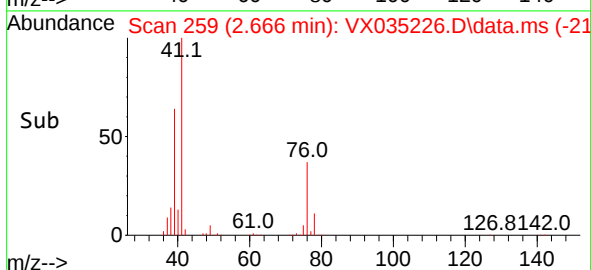
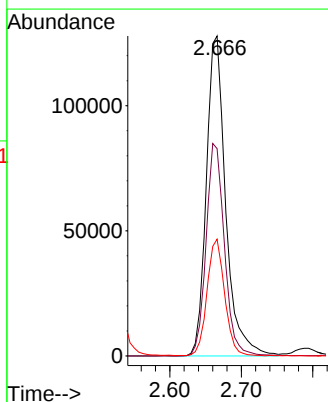
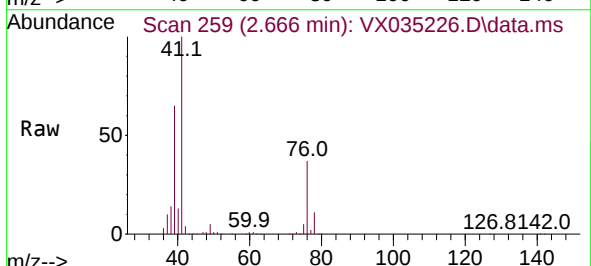
Manual Integrations
APPROVED

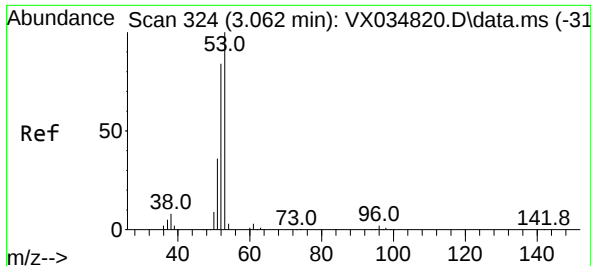
Reviewed By :John Carlone 04/24/2023
Supervised By :Mahesh Dadoda 04/24/2023



#14
Allyl chloride
Concen: 48.265 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX035226.D
Acq: 21 Apr 2023 12:16

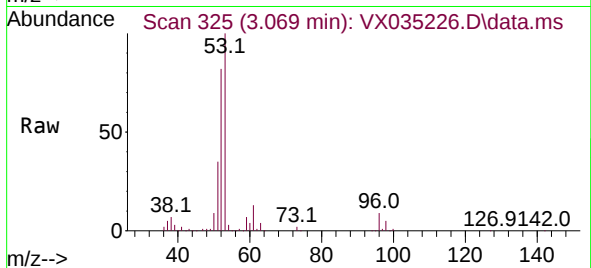
Tgt Ion: 41 Resp: 241013
Ion Ratio Lower Upper
41 100
39 63.0 52.4 78.6
76 33.1 26.0 39.0





#15
Acrylonitrile
Concen: 247.570 ug/l
RT: 3.069 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX035226.D
Acq: 21 Apr 2023 12:16

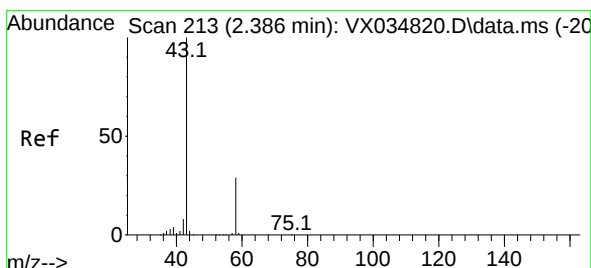
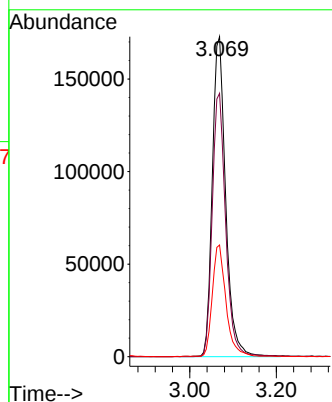
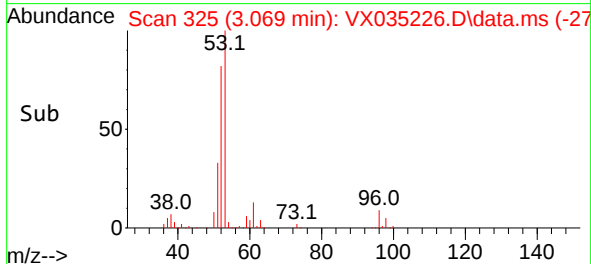
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 37125
Ion Ratio Lower Upper
53 100
52 82.3 66.2 99.2
51 35.2 28.3 42.5

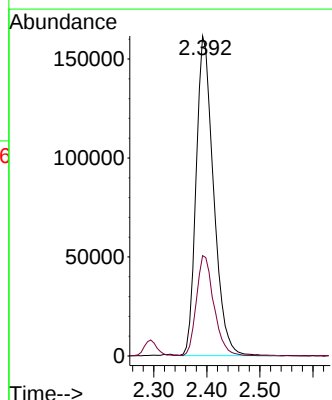
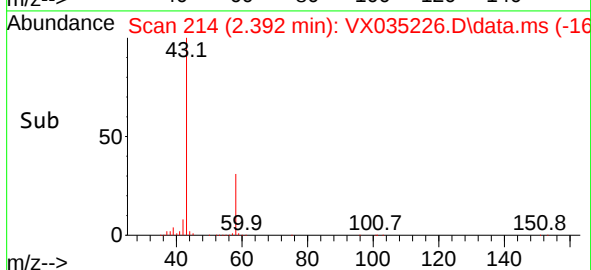
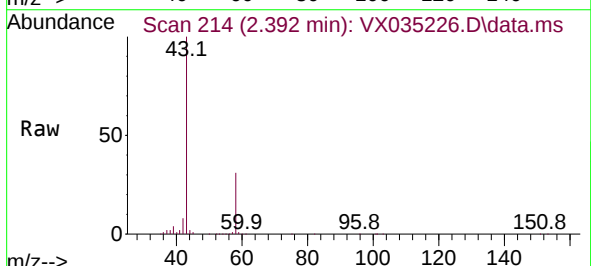
Manual Integrations
APPROVED

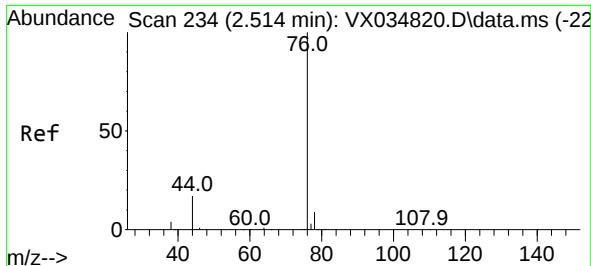
Reviewed By :John Carlone 04/24/2023
Supervised By :Mahesh Dadoda 04/24/2023



#16
Acetone
Concen: 238.596 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX035226.D
Acq: 21 Apr 2023 12:16

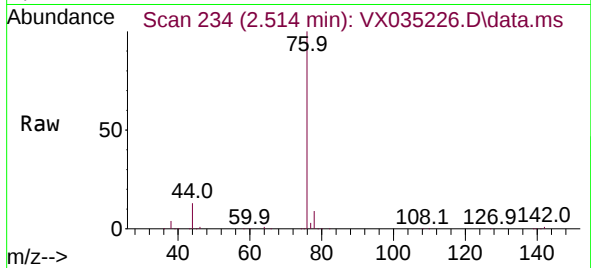
Tgt Ion: 43 Resp: 368033
Ion Ratio Lower Upper
43 100
58 31.3 24.7 37.1





#17
Carbon Disulfide
Concen: 51.289 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX035226.D
Acq: 21 Apr 2023 12:16

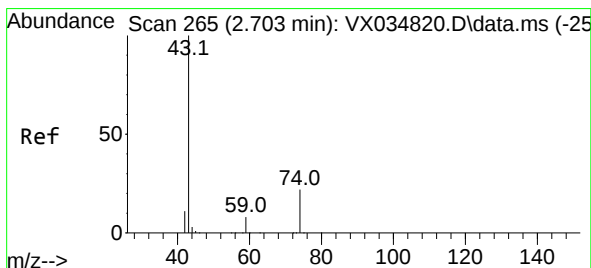
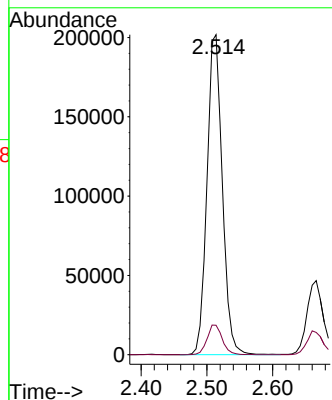
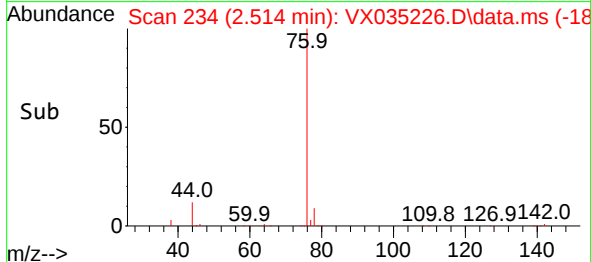
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



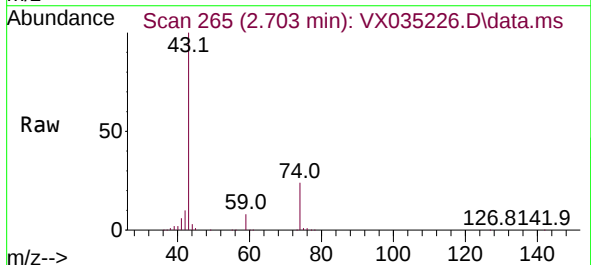
Tgt Ion: 76 Resp: 327410
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8

Manual Integrations
APPROVED

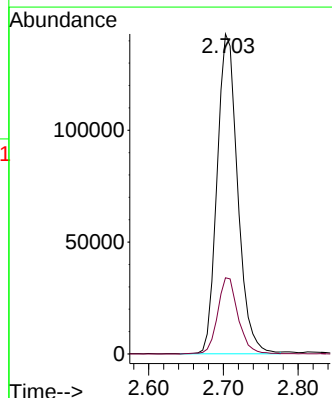
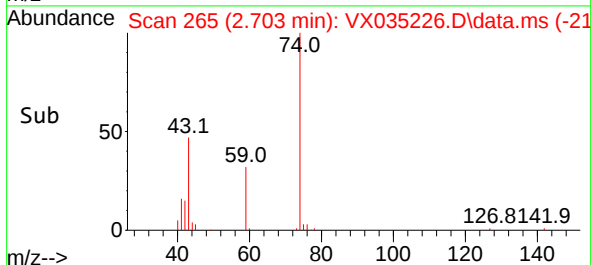
Reviewed By :John Carlone 04/24/2023
Supervised By :Mahesh Dadoda 04/24/2023

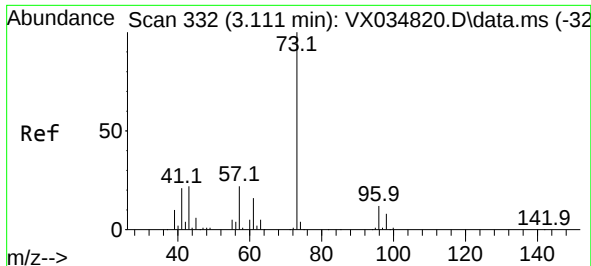


#18
Methyl Acetate
Concen: 49.946 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX035226.D
Acq: 21 Apr 2023 12:16



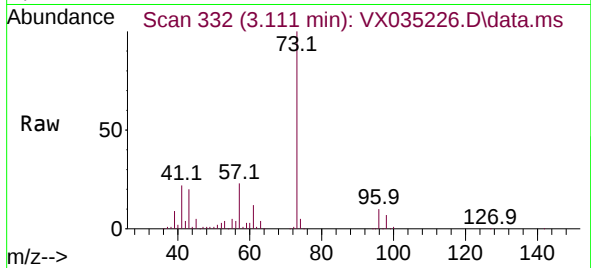
Tgt Ion: 43 Resp: 273734
Ion Ratio Lower Upper
43 100
74 23.8 18.3 27.5





#19
Methyl tert-butyl Ether
Concen: 49.153 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX035226.D
Acq: 21 Apr 2023 12:16

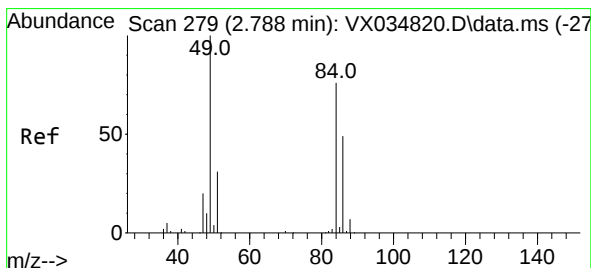
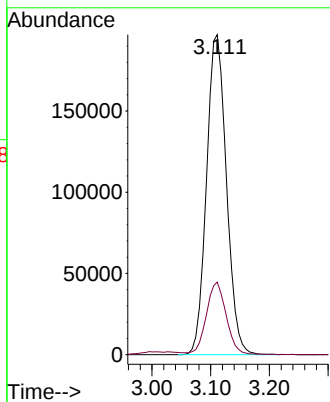
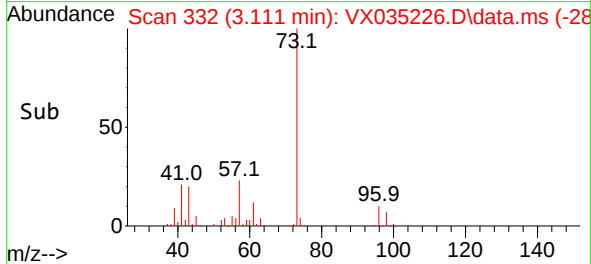
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 463850
Ion Ratio Lower Upper
73 100
57 22.6 18.5 27.7

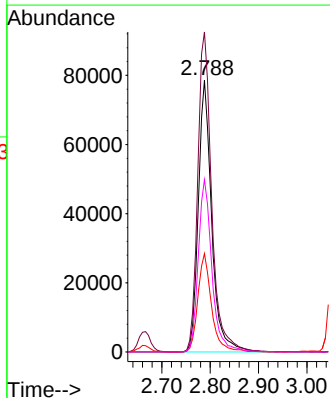
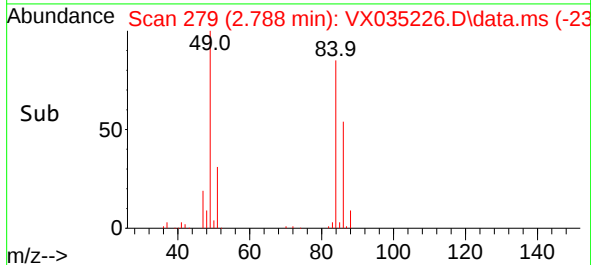
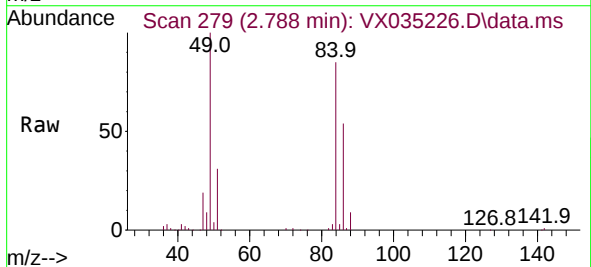
Manual Integrations
APPROVED

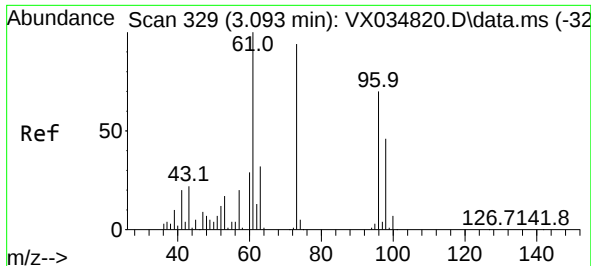
Reviewed By :John Carlone 04/24/2023
Supervised By :Mahesh Dadoda 04/24/2023



#20
Methylene Chloride
Concen: 49.736 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX035226.D
Acq: 21 Apr 2023 12:16

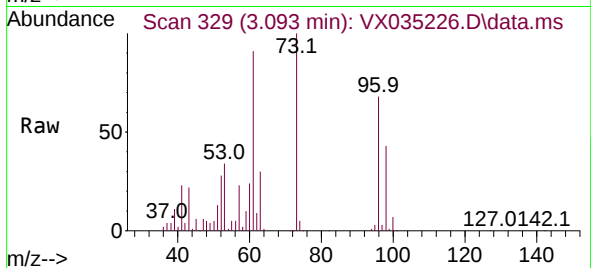
Tgt Ion: 84 Resp: 151390
Ion Ratio Lower Upper
84 100
49 117.8 103.8 155.8
51 36.2 31.8 47.8
86 63.4 51.4 77.2





#21
trans-1,2-Dichloroethene
Concen: 51.864 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX035226.D
Acq: 21 Apr 2023 12:16

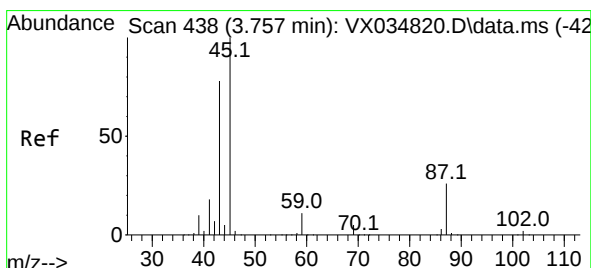
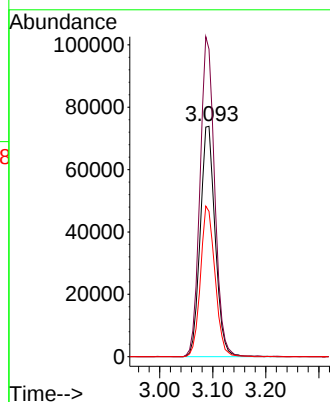
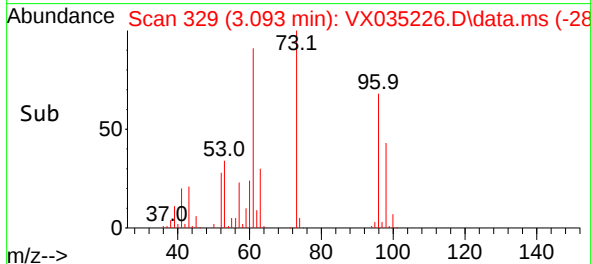
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 144172
Ion Ratio Lower Upper
96 100
61 133.5 113.0 169.6
98 63.0 52.1 78.1

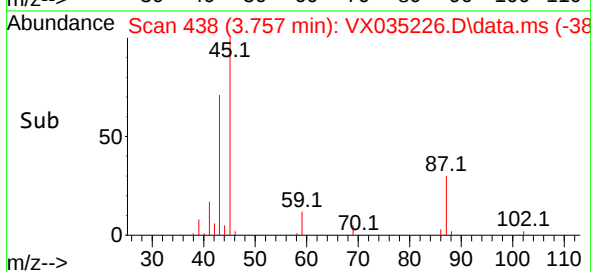
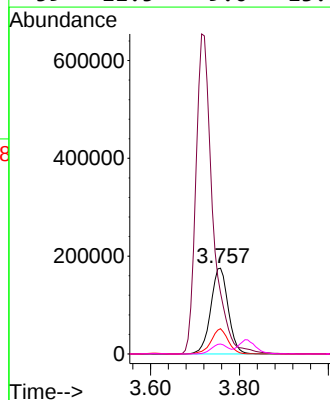
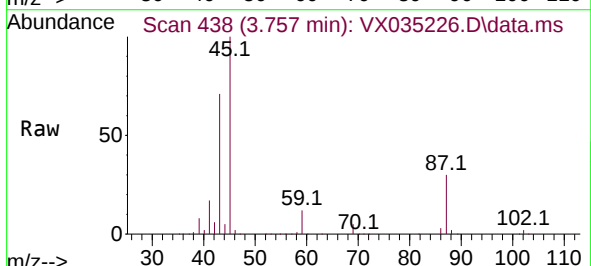
Manual Integrations
APPROVED

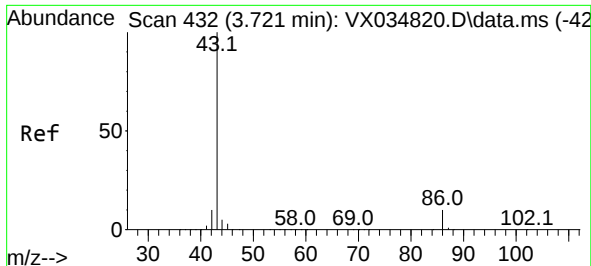
Reviewed By :John Carlone 04/24/2023
Supervised By :Mahesh Dadoda 04/24/2023



#22
Diisopropyl ether
Concen: 47.504 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX035226.D
Acq: 21 Apr 2023 12:16

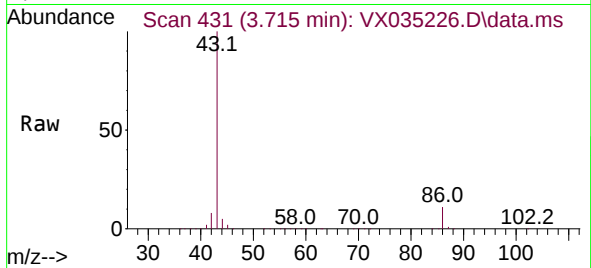
Tgt Ion: 45 Resp: 478635
Ion Ratio Lower Upper
45 100
43 71.3 65.4 98.2
87 29.6 20.6 31.0
59 11.5 9.0 13.6





#23
 Vinyl Acetate
 Concen: 240.586 ug/l
 RT: 3.715 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX035226.D
 Acq: 21 Apr 2023 12:16

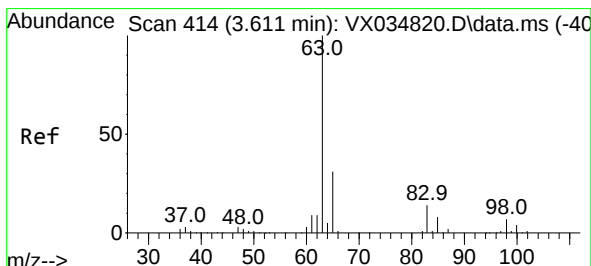
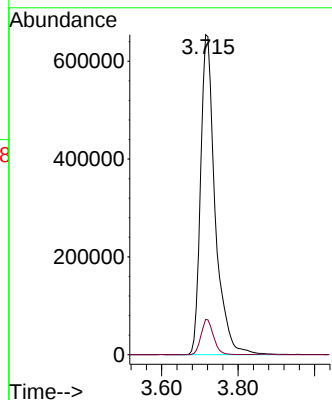
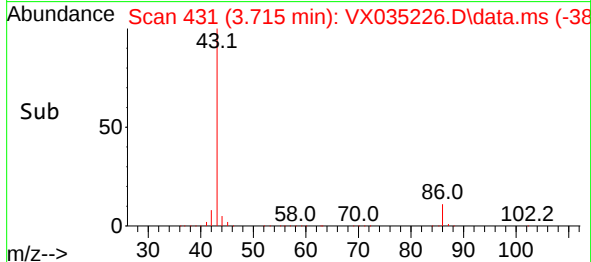
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



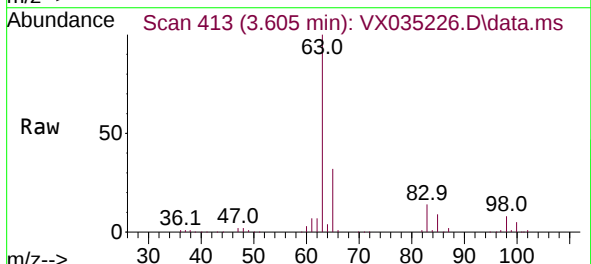
Tgt Ion: 43 Resp: 1728810
 Ion Ratio Lower Upper
 43 100
 86 11.0 8.5 12.7

Manual Integrations
 APPROVED

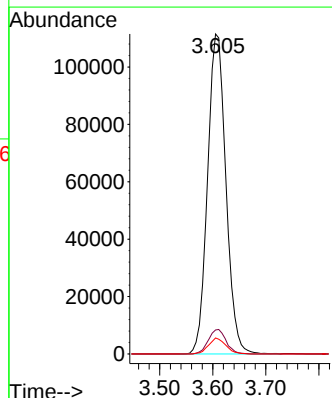
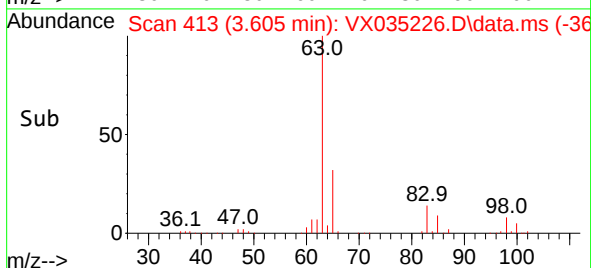
Reviewed By :John Carlone 04/24/2023
 Supervised By :Mahesh Dadoda 04/24/2023

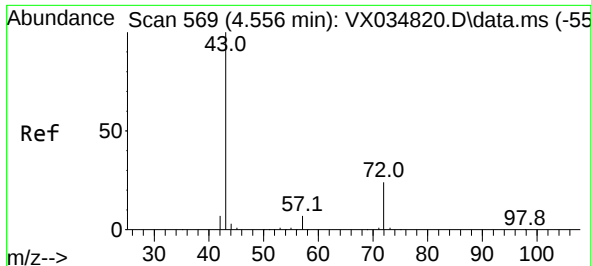


#24
 1,1-Dichloroethane
 Concen: 49.463 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX035226.D
 Acq: 21 Apr 2023 12:16



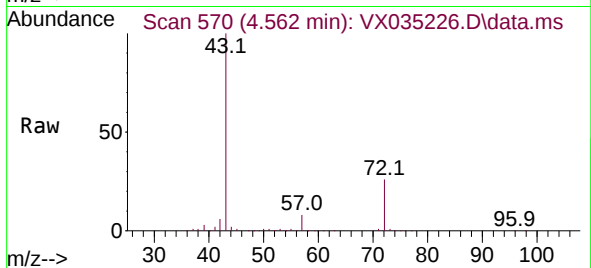
Tgt Ion: 63 Resp: 268145
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.8 11.2
 100 5.0 2.4 7.1





#25
2-Butanone
Concen: 230.571 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX035226.D
Acq: 21 Apr 2023 12:16

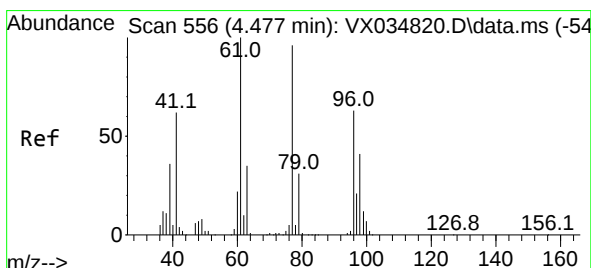
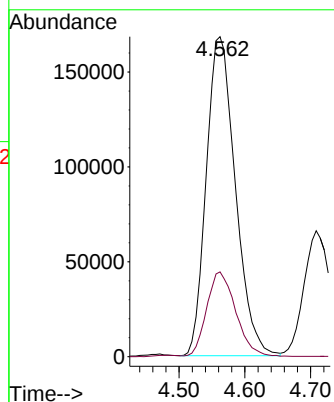
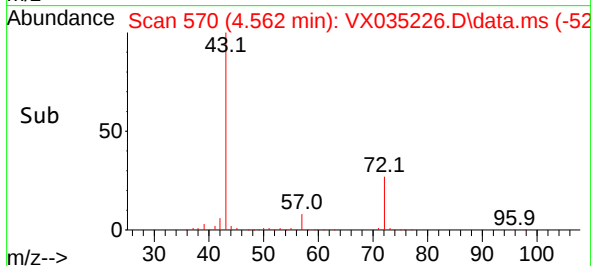
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 517348
Ion Ratio Lower Upper
43 100
72 26.4 19.3 28.9

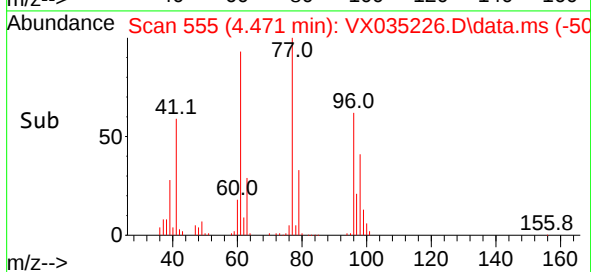
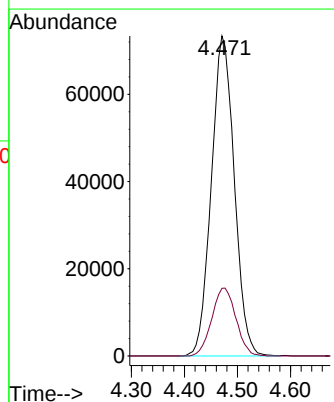
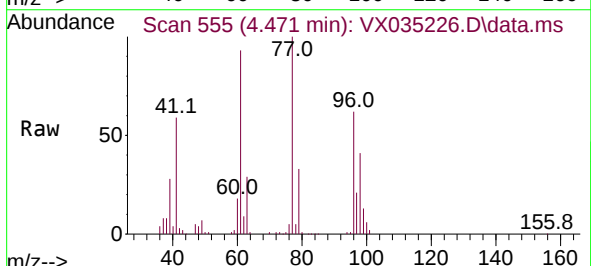
Manual Integrations
APPROVED

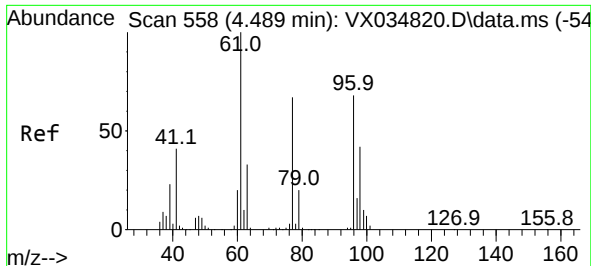
Reviewed By :John Carlone 04/24/2023
Supervised By :Mahesh Dadoda 04/24/2023



#26
2,2-Dichloropropane
Concen: 49.487 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX035226.D
Acq: 21 Apr 2023 12:16

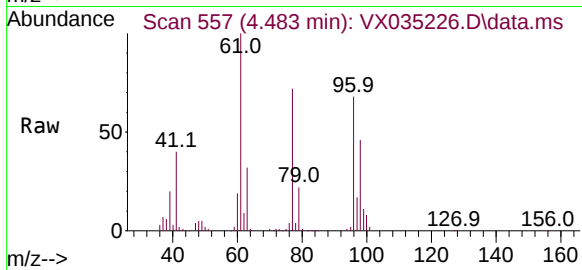
Tgt Ion: 77 Resp: 220622
Ion Ratio Lower Upper
77 100
97 22.3 11.4 34.1





#27
cis-1,2-Dichloroethene
Concen: 50.773 ug/l
RT: 4.483 min Scan# 511
Delta R.T. -0.006 min
Lab File: VX035226.D
Acq: 21 Apr 2023 12:16

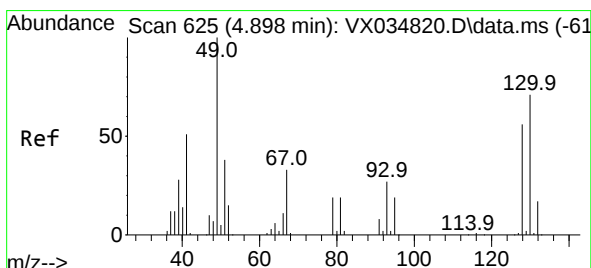
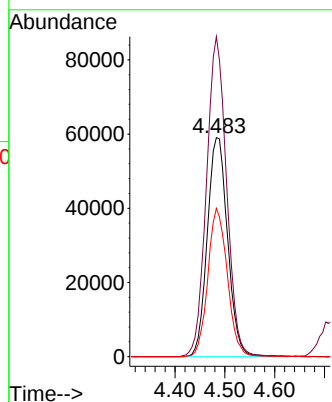
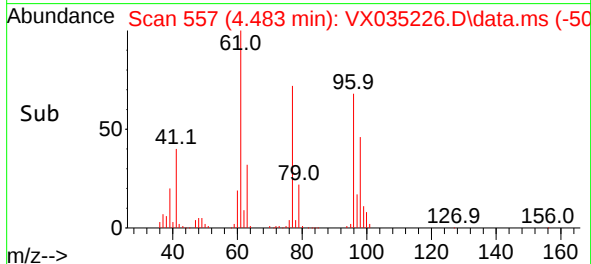
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 167240
Ion Ratio Lower Upper
96 100
61 144.2 0.0 300.4
98 65.0 0.0 129.0

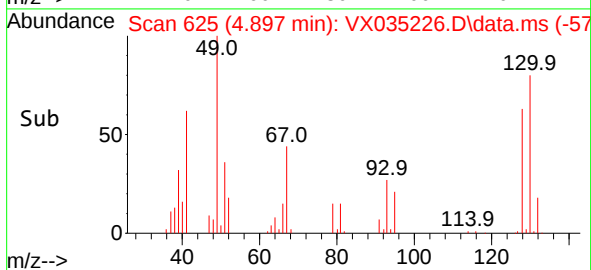
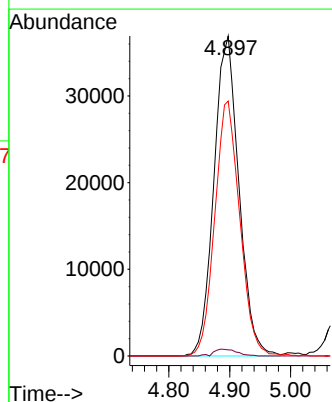
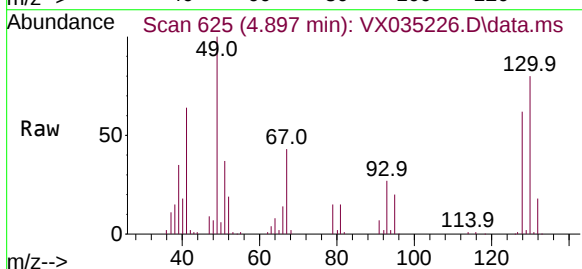
Manual Integrations
APPROVED

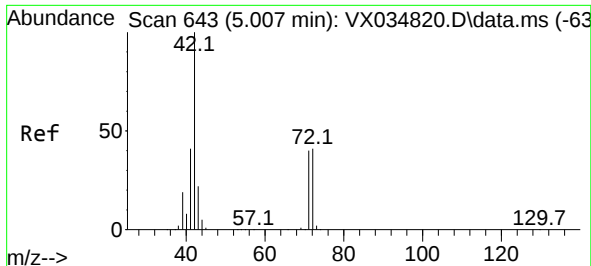
Reviewed By :John Carlone 04/24/2023
Supervised By :Mahesh Dadoda 04/24/2023



#28
Bromochloromethane
Concen: 39.720 ug/l
RT: 4.897 min Scan# 625
Delta R.T. -0.000 min
Lab File: VX035226.D
Acq: 21 Apr 2023 12:16

Tgt Ion: 49 Resp: 105332
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.0
130 79.7 58.2 87.2





#29

Tetrahydrofuran

Concen: 226.037 ug/l

RT: 5.007 min Scan# 643

Delta R.T. -0.000 min

Lab File: VX035226.D

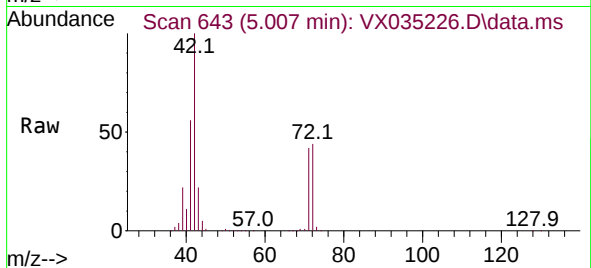
Acq: 21 Apr 2023 12:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



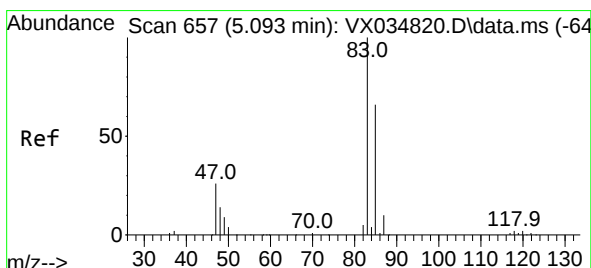
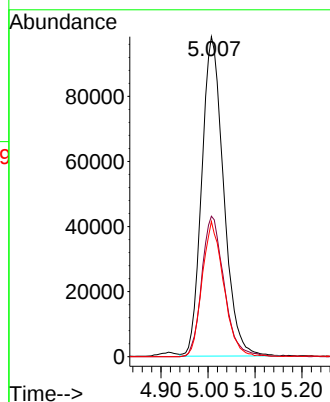
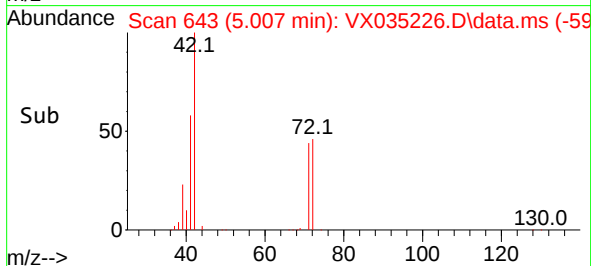
Tgt Ion:	42	Resp:	31772
Ion Ratio	Lower	Upper	
42	100		
72	44.8	34.5	51.7
71	41.8	32.1	48.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/24/2023

Supervised By :Mahesh Dadoda 04/24/2023



#30

Chloroform

Concen: 48.754 ug/l

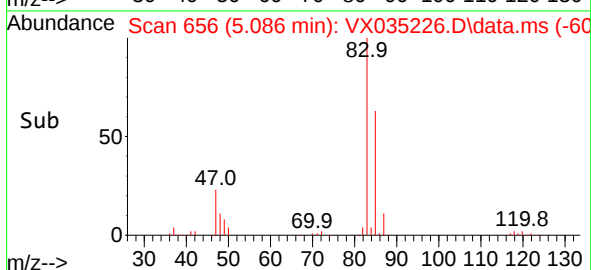
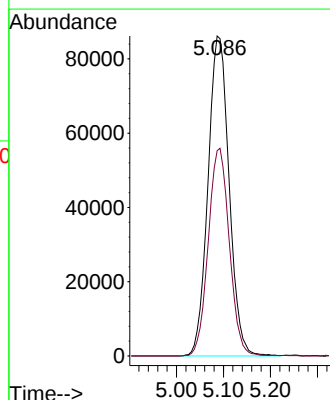
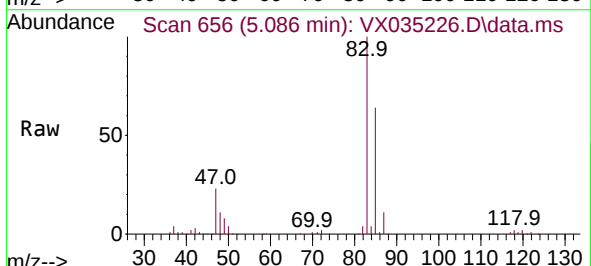
RT: 5.086 min Scan# 656

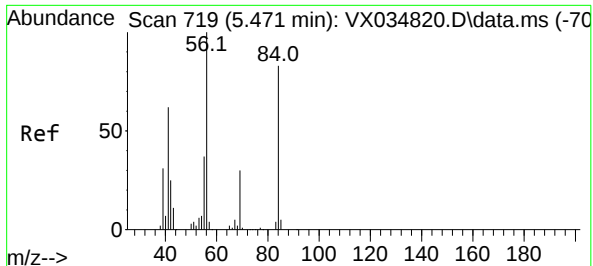
Delta R.T. -0.006 min

Lab File: VX035226.D

Acq: 21 Apr 2023 12:16

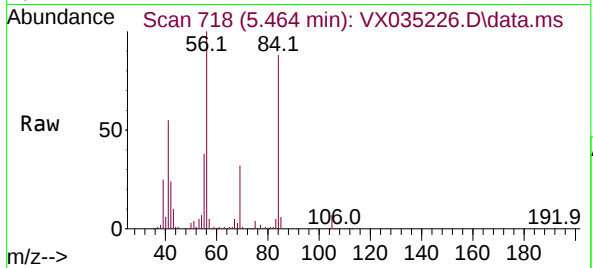
Tgt Ion:	83	Resp:	268451
Ion Ratio	Lower	Upper	
83	100		
85	64.1	50.6	76.0





#31
Cyclohexane
Concen: 52.960 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX035226.D
Acq: 21 Apr 2023 12:16

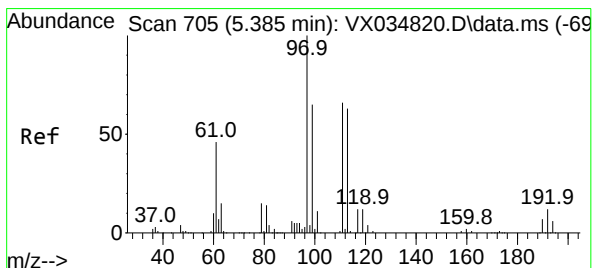
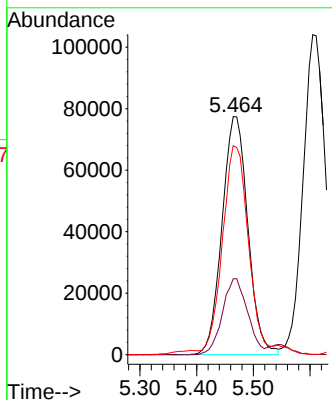
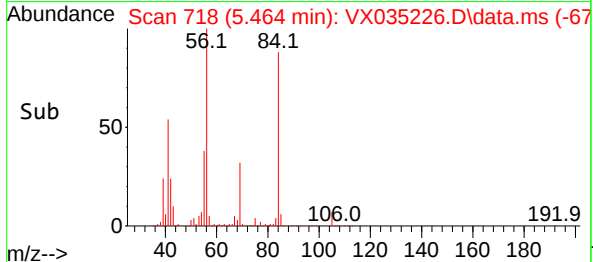
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 24486
Ion Ratio Lower Upper
56 100
69 31.9 23.7 35.5
84 86.4 68.5 102.7

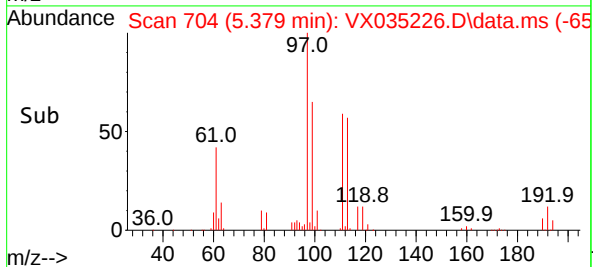
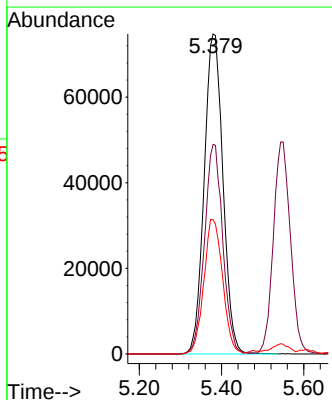
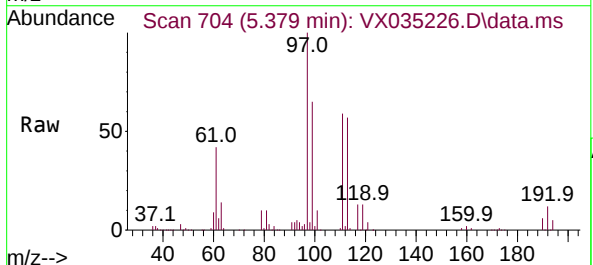
Manual Integrations
APPROVED

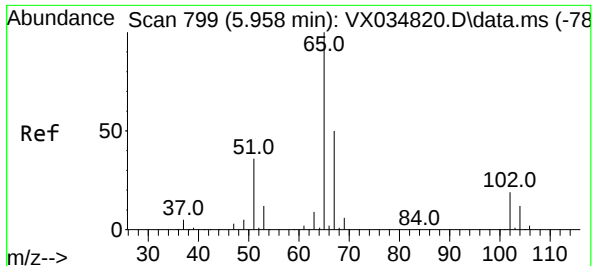
Reviewed By :John Carlone 04/24/2023
Supervised By :Mahesh Dadoda 04/24/2023



#32
1,1,1-Trichloroethane
Concen: 50.417 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX035226.D
Acq: 21 Apr 2023 12:16

Tgt Ion: 97 Resp: 236898
Ion Ratio Lower Upper
97 100
99 63.8 51.1 76.7
61 42.0 36.5 54.7





#33

1,2-Dichloroethane-d4

Concen: 40.877 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX035226.D

Acq: 21 Apr 2023 12:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 15521

Ion Ratio Lower Upper

65 100

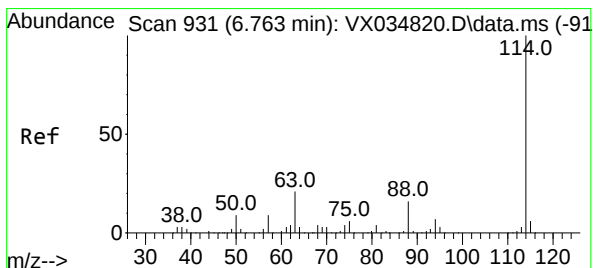
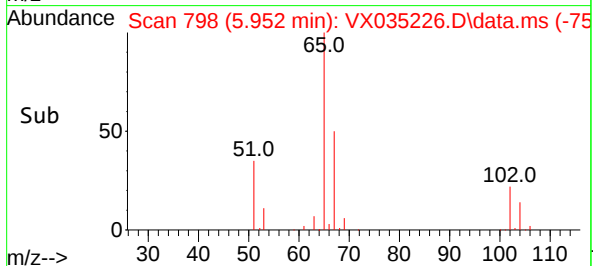
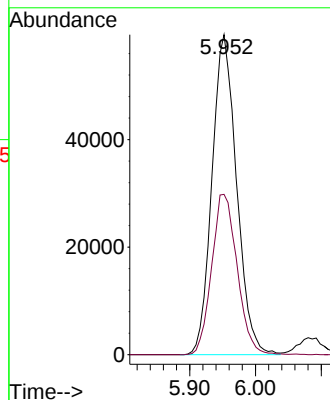
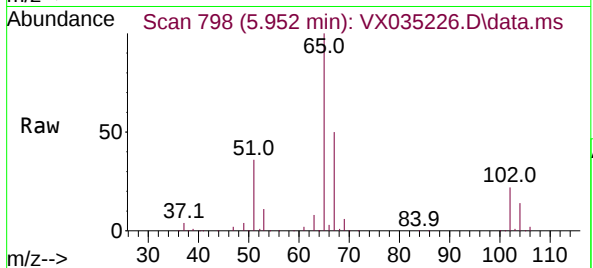
67 51.8 0.0 104.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/24/2023

Supervised By :Mahesh Dadoda 04/24/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX035226.D

Acq: 21 Apr 2023 12:16

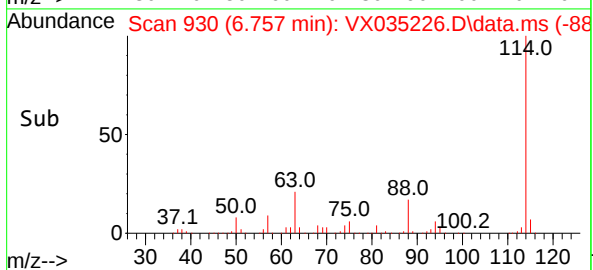
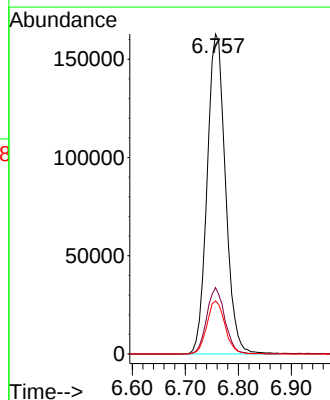
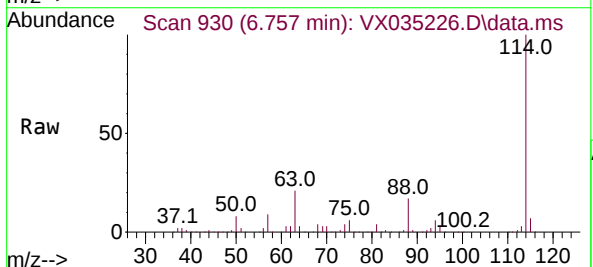
Tgt Ion:114 Resp: 391189

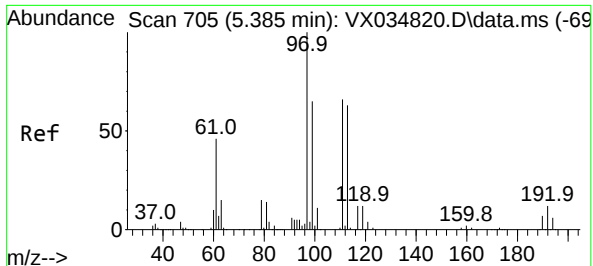
Ion Ratio Lower Upper

114 100

63 20.8 0.0 42.2

88 16.5 0.0 33.2





#35

Dibromofluoromethane

Concen: 49.017 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX035226.D

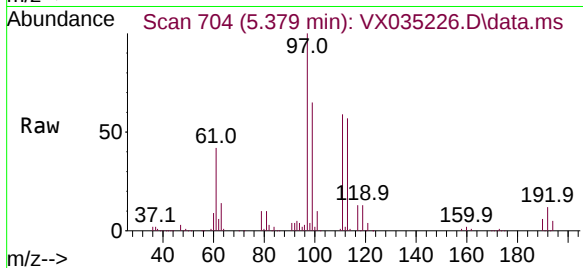
Acq: 21 Apr 2023 12:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



Tgt Ion: 113 Resp: 126820

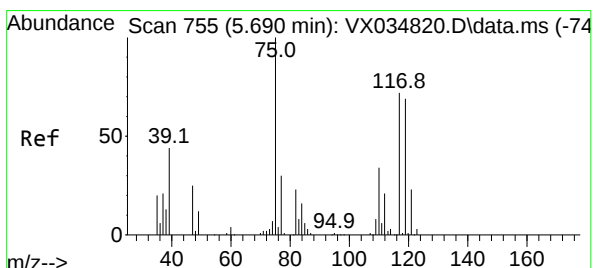
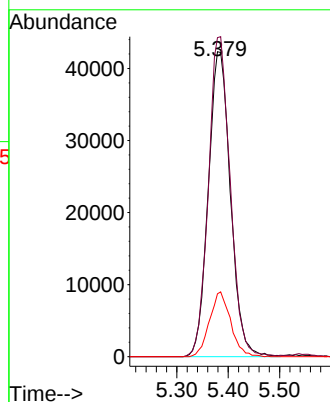
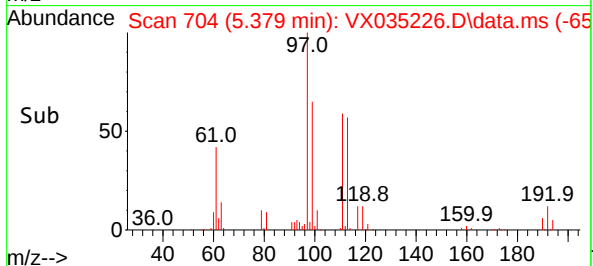
Ion	Ratio	Lower	Upper
113	100		
111	103.3	83.7	125.5
192	20.3	15.4	23.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/24/2023

Supervised By :Mahesh Dadoda 04/24/2023



#36

1,1-Dichloropropene

Concen: 53.148 ug/l

RT: 5.690 min Scan# 755

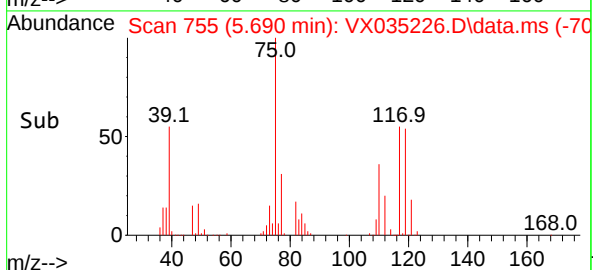
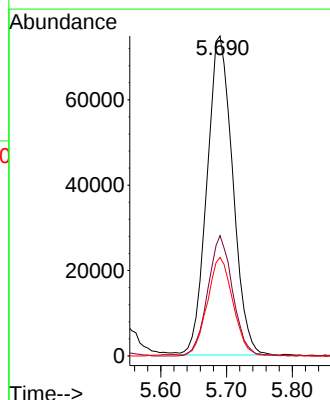
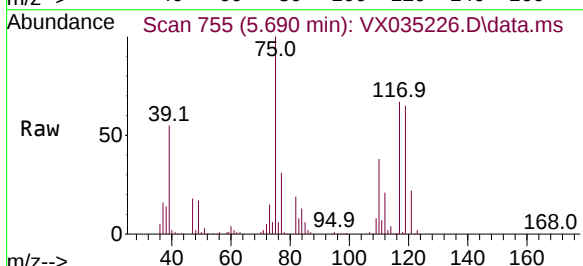
Delta R.T. -0.000 min

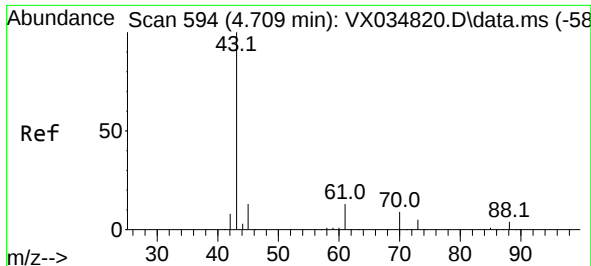
Lab File: VX035226.D

Acq: 21 Apr 2023 12:16

Tgt Ion: 75 Resp: 203730

Ion	Ratio	Lower	Upper
75	100		
110	36.5	17.5	52.5
77	30.7	24.3	36.5





#37

Ethyl Acetate

Concen: 49.327 ug/l

RT: 4.708 min Scan# 594

Delta R.T. -0.000 min

Lab File: VX035226.D

Acq: 21 Apr 2023 12:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 19771

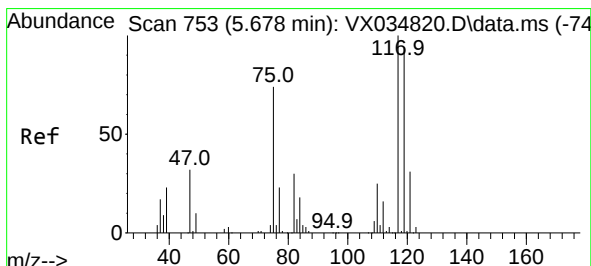
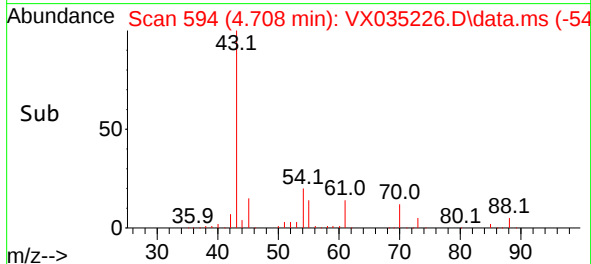
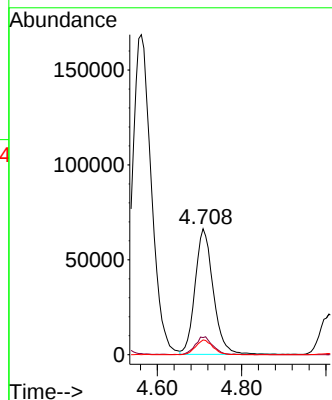
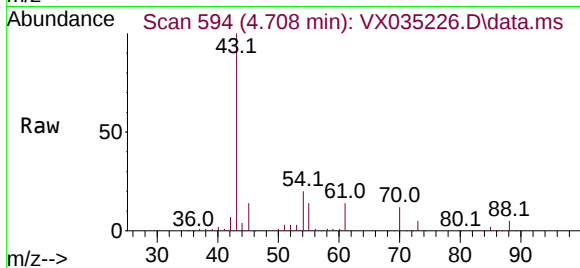
Ion	Ratio	Lower	Upper
43	100		
61	13.6	10.2	15.4
70	11.1	8.2	12.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/24/2023

Supervised By :Mahesh Dadoda 04/24/2023



#38

Carbon Tetrachloride

Concen: 56.428 ug/l

RT: 5.678 min Scan# 753

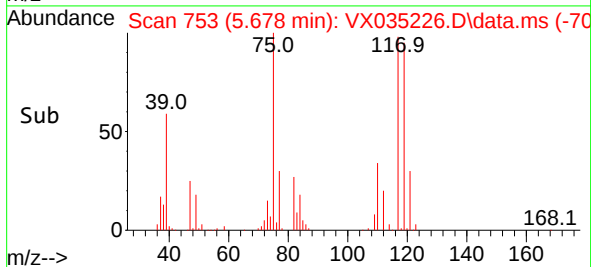
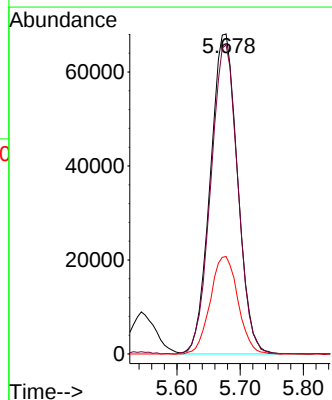
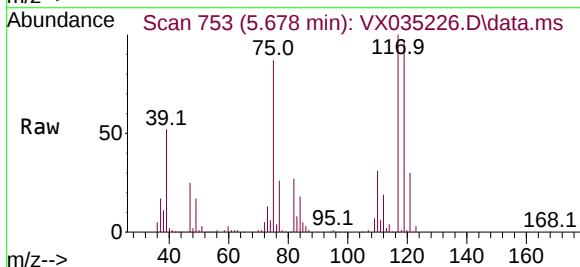
Delta R.T. -0.000 min

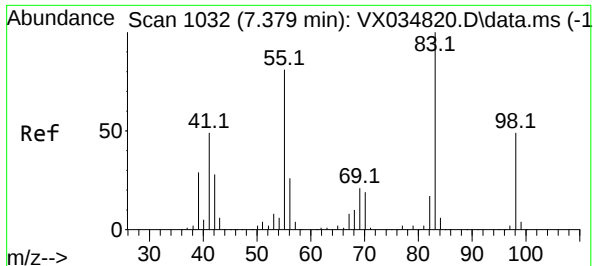
Lab File: VX035226.D

Acq: 21 Apr 2023 12:16

Tgt Ion:117 Resp: 203936

Ion	Ratio	Lower	Upper
117	100		
119	96.4	76.6	114.8
121	30.5	23.8	35.6





#39

Methylcyclohexane

Concen: 64.777 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX035226.D

Acq: 21 Apr 2023 12:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 263679

Ion Ratio Lower Upper

83 100

55 76.5 60.5 90.7

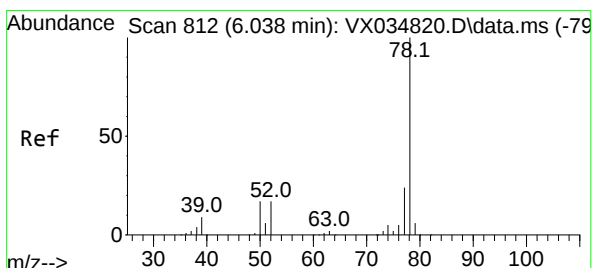
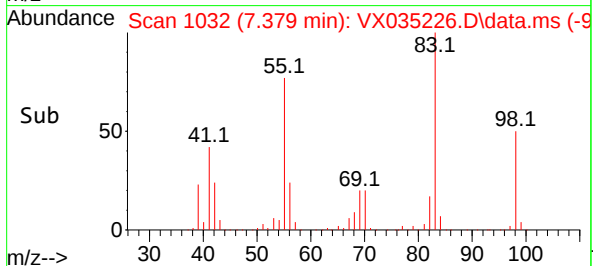
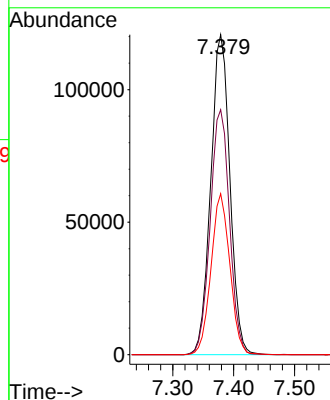
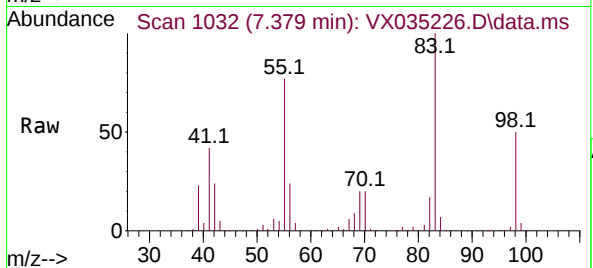
98 50.3 40.4 60.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/24/2023

Supervised By :Mahesh Dadoda 04/24/2023



#40

Benzene

Concen: 54.043 ug/l

RT: 6.037 min Scan# 812

Delta R.T. -0.000 min

Lab File: VX035226.D

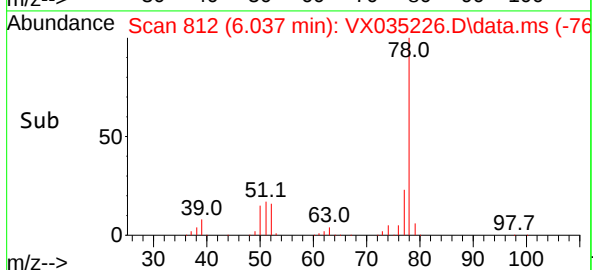
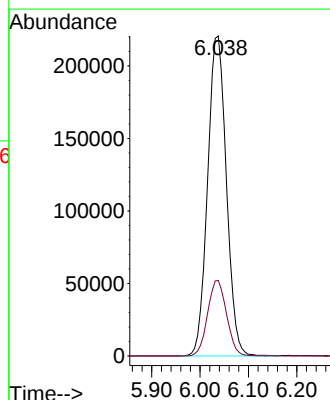
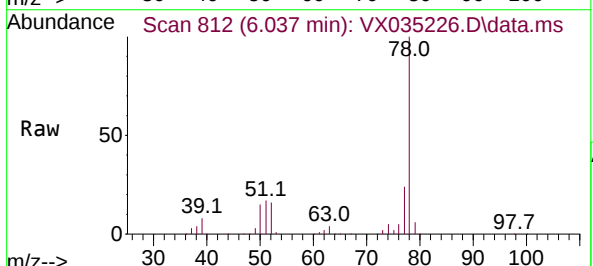
Acq: 21 Apr 2023 12:16

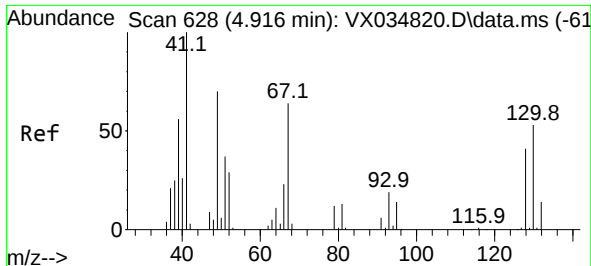
Tgt Ion: 78 Resp: 594686

Ion Ratio Lower Upper

78 100

77 23.6 19.0 28.4





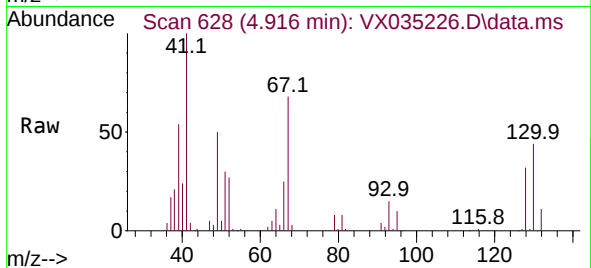
#41
Methacrylonitrile
Concen: 52.784 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX035226.D
Acq: 21 Apr 2023 12:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



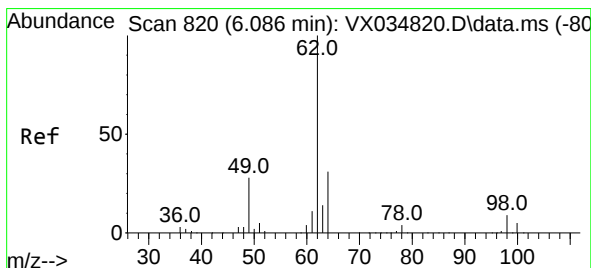
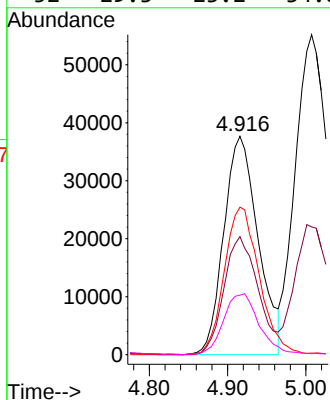
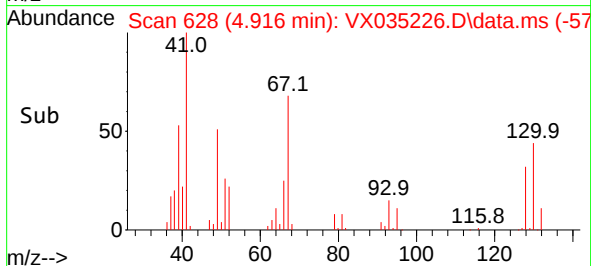
Tgt Ion: 41 Resp: 115060
Ion Ratio Lower Upper
41 100
39 54.0 45.0 67.6
67 68.9 55.6 83.4
52 29.3 23.2 34.8

Manual Integrations

APPROVED

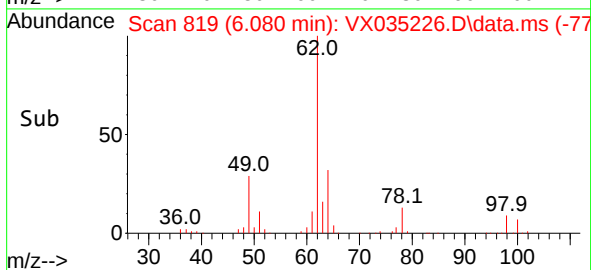
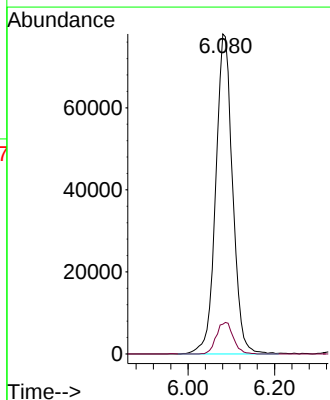
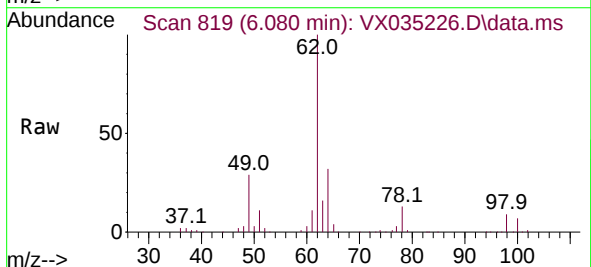
Reviewed By :John Carlone 04/24/2023

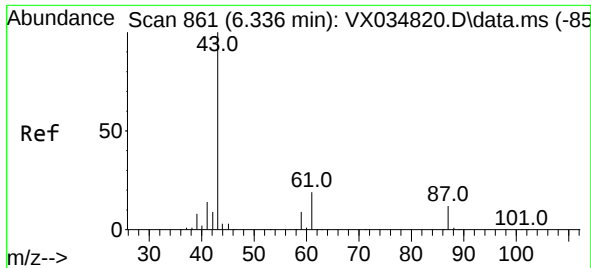
Supervised By :Mahesh Dadoda 04/24/2023



#42
1,2-Dichloroethane
Concen: 48.244 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX035226.D
Acq: 21 Apr 2023 12:16

Tgt Ion: 62 Resp: 211055
Ion Ratio Lower Upper
62 100
98 9.9 0.0 18.0





#43

Isopropyl Acetate

Concen: 49.740 ug/l

RT: 6.336 min Scan# 80

Delta R.T. -0.000 min

Lab File: VX035226.D

Acq: 21 Apr 2023 12:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 33354

Ion Ratio Lower Upper

43 100

61 20.1 15.2 22.8

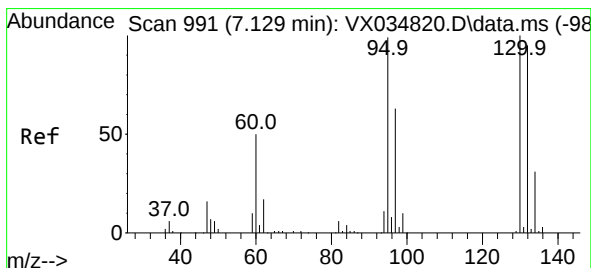
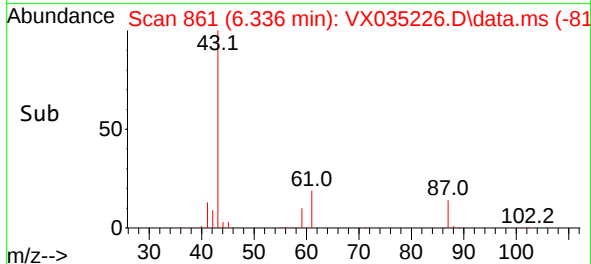
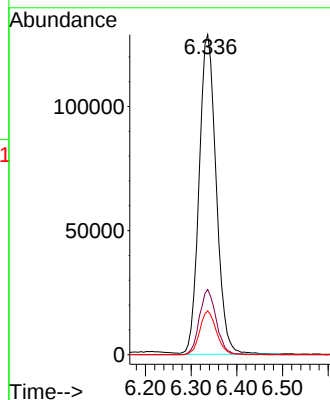
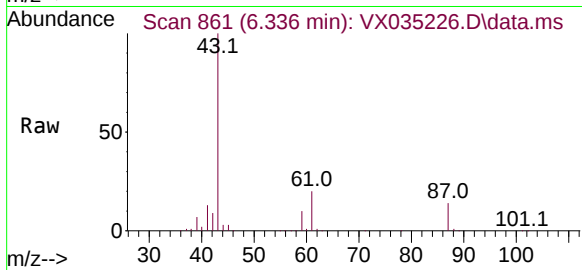
87 13.4 9.8 14.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/24/2023

Supervised By :Mahesh Dadoda 04/24/2023



#44

Trichloroethene

Concen: 58.305 ug/l

RT: 7.123 min Scan# 990

Delta R.T. -0.006 min

Lab File: VX035226.D

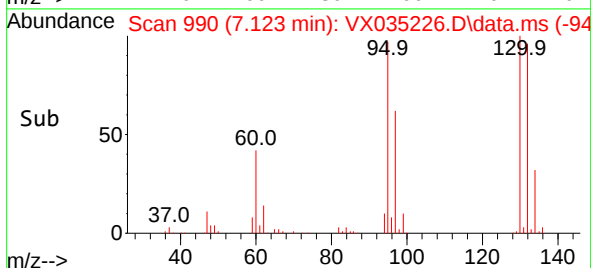
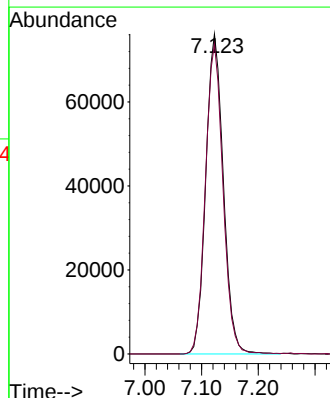
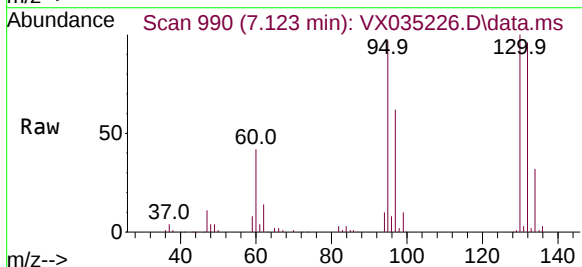
Acq: 21 Apr 2023 12:16

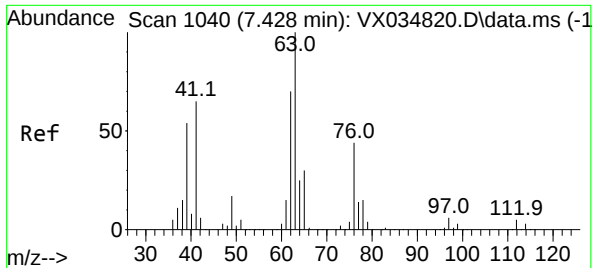
Tgt Ion:130 Resp: 163774

Ion Ratio Lower Upper

130 100

95 96.8 0.0 198.4





#45

1,2-Dichloropropane

Concen: 53.602 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX035226.D

Acq: 21 Apr 2023 12:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 153702

Ion Ratio Lower Upper

63 100

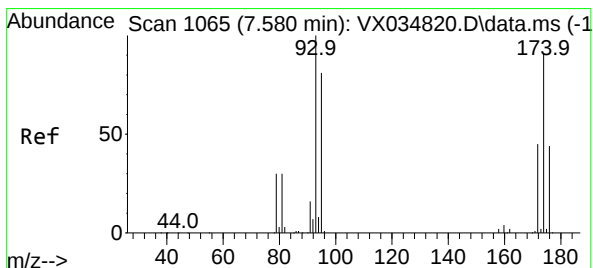
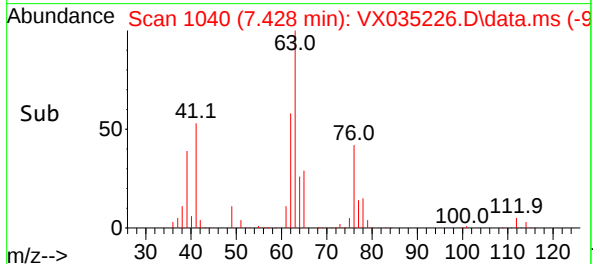
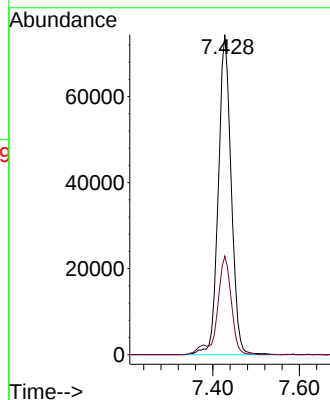
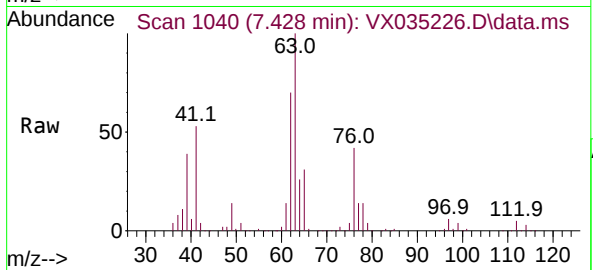
65 30.8 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/24/2023

Supervised By :Mahesh Dadoda 04/24/2023



#46

Dibromomethane

Concen: 51.931 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX035226.D

Acq: 21 Apr 2023 12:16

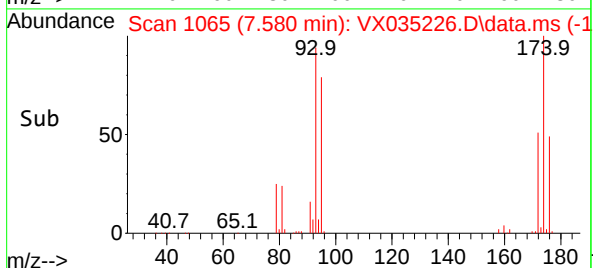
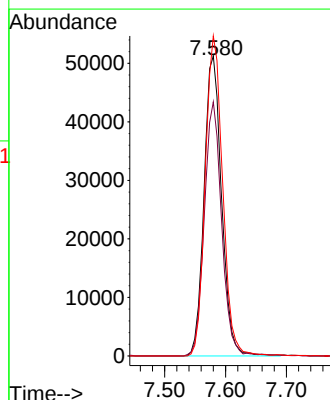
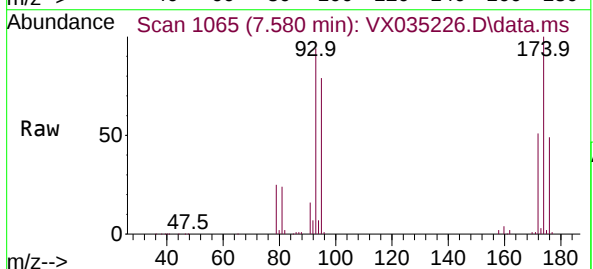
Tgt Ion: 93 Resp: 102457

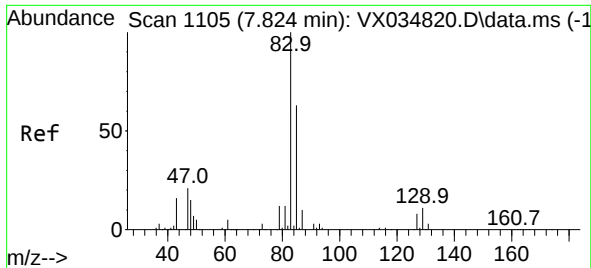
Ion Ratio Lower Upper

93 100

95 84.0 66.9 100.3

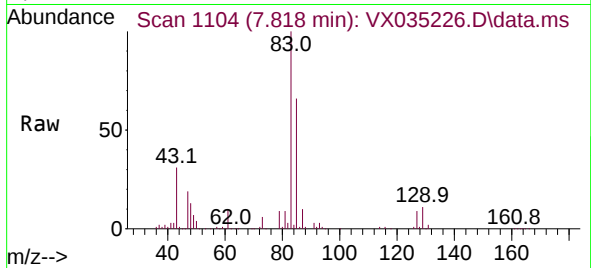
174 105.9 75.4 113.0





#47
Bromodichloromethane
Concen: 54.460 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX035226.D
Acq: 21 Apr 2023 12:16

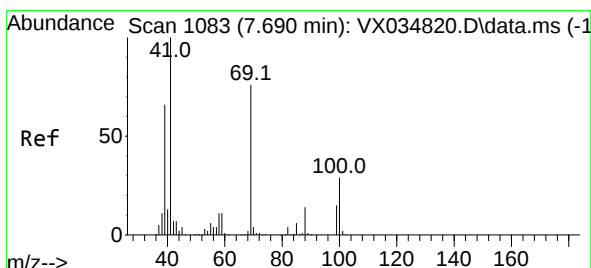
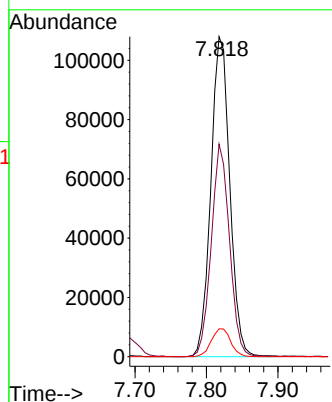
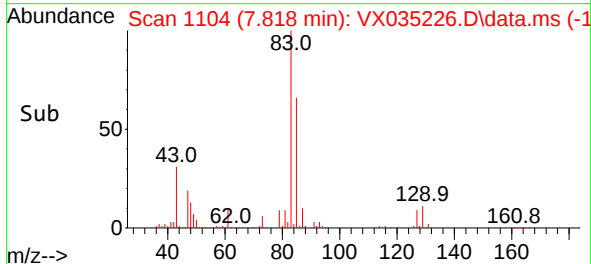
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 198468
Ion Ratio Lower Upper
83 100
85 66.4 52.2 78.4
127 8.7 6.6 9.8

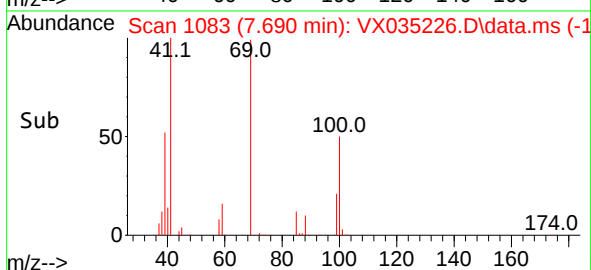
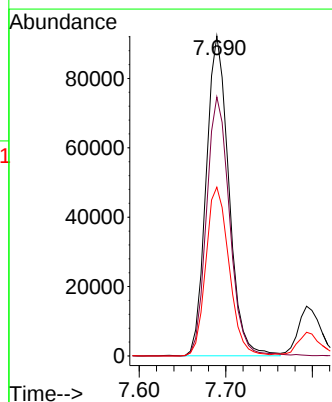
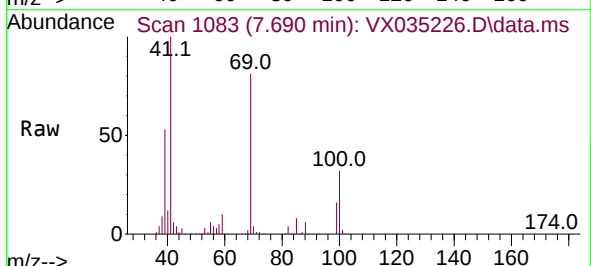
Manual Integrations
APPROVED

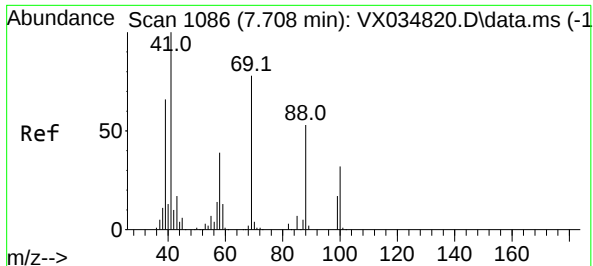
Reviewed By :John Carlone 04/24/2023
Supervised By :Mahesh Dadoda 04/24/2023



#48
Methyl methacrylate
Concen: 50.898 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX035226.D
Acq: 21 Apr 2023 12:16

Tgt Ion: 41 Resp: 167616
Ion Ratio Lower Upper
41 100
69 82.5 62.2 93.4
39 54.1 47.7 71.5





#49

1,4-Dioxane

Concen: 842.650 ug/l

RT: 7.720 min Scan# 1086

Delta R.T. 0.012 min

Lab File: VX035226.D

Acq: 21 Apr 2023 12:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

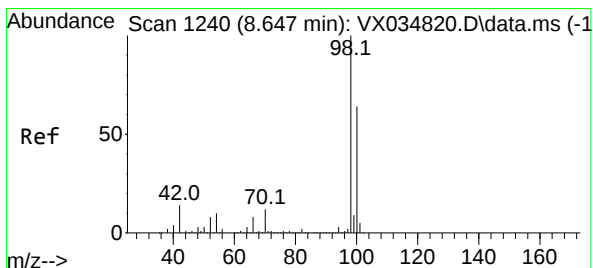
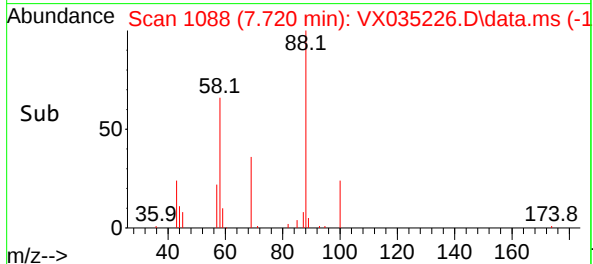
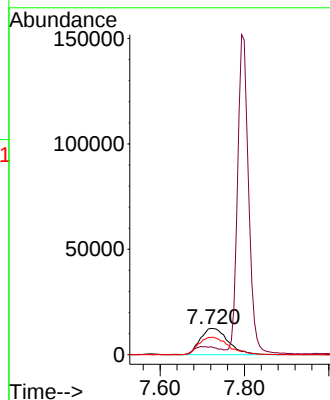
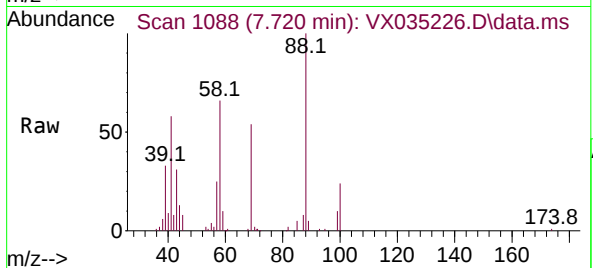
Tgt Ion: 88 Resp: 57188
 Ion Ratio Lower Upper
 88 100
 43 0.0 27.7 41.5
 58 71.2 56.8 85.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/24/2023

Supervised By :Mahesh Dadoda 04/24/2023



#50

Toluene-d8

Concen: 48.767 ug/l

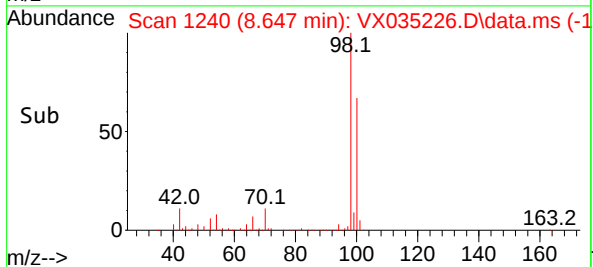
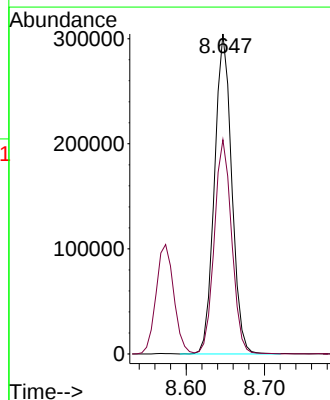
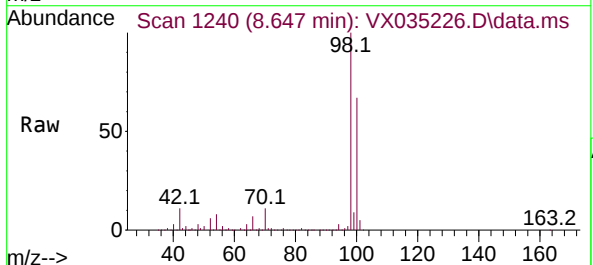
RT: 8.647 min Scan# 1240

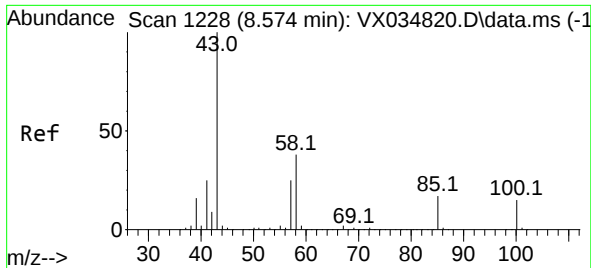
Delta R.T. -0.000 min

Lab File: VX035226.D

Acq: 21 Apr 2023 12:16

Tgt Ion: 98 Resp: 465736
 Ion Ratio Lower Upper
 98 100
 100 67.5 52.5 78.7





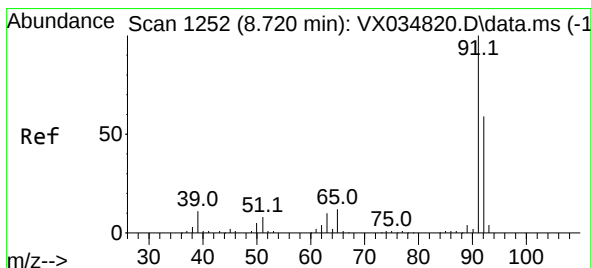
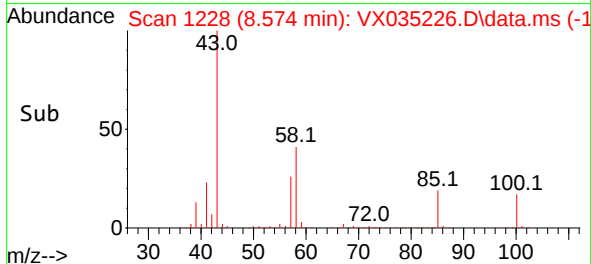
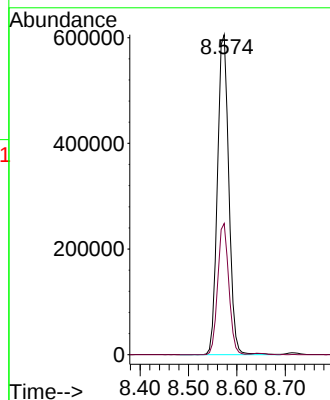
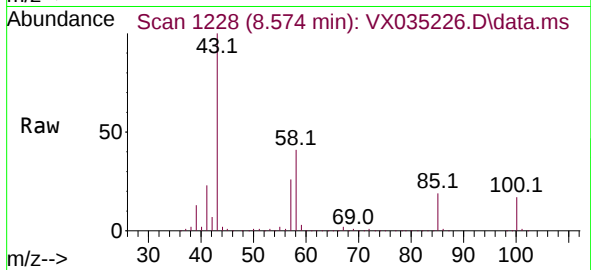
#51
4-Methyl-2-Pentanone
Concen: 248.028 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX035226.D
Acq: 21 Apr 2023 12:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 98435
Ion Ratio Lower Upper
43 100
58 40.0 30.6 46.0

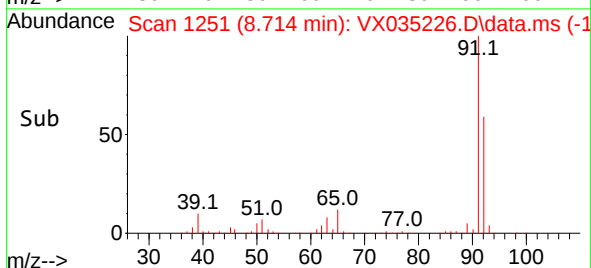
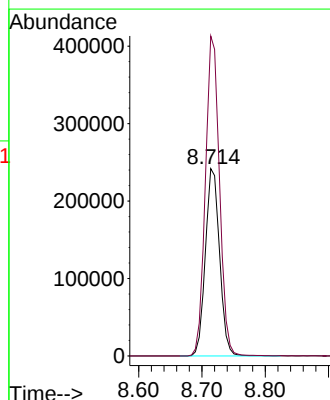
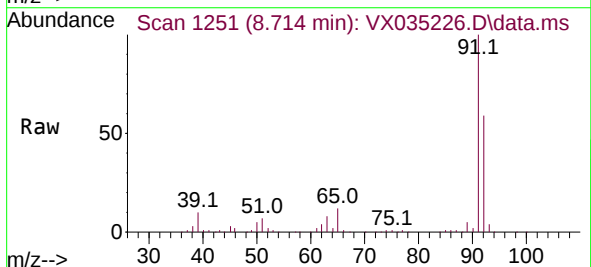
Manual Integrations
APPROVED

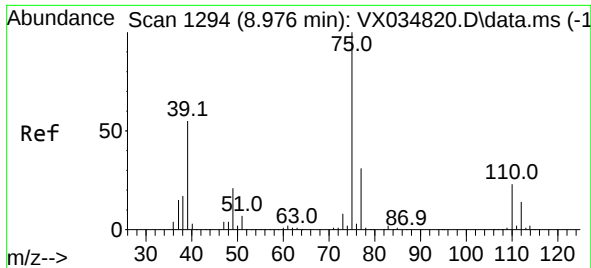
Reviewed By :John Carlone 04/24/2023
Supervised By :Mahesh Dadoda 04/24/2023



#52
Toluene
Concen: 52.686 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX035226.D
Acq: 21 Apr 2023 12:16

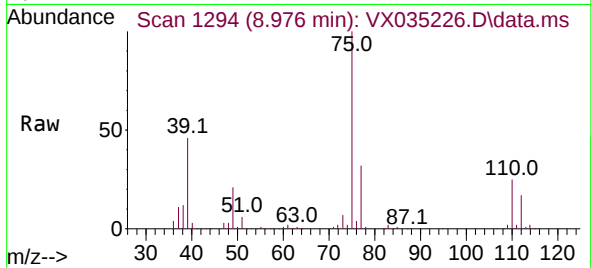
Tgt Ion: 92 Resp: 378006
Ion Ratio Lower Upper
92 100
91 169.8 136.8 205.2





#53
t-1,3-Dichloropropene
Concen: 57.046 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX035226.D
Acq: 21 Apr 2023 12:16

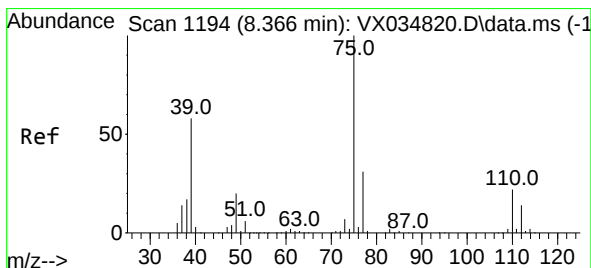
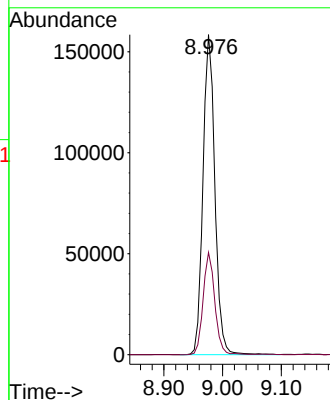
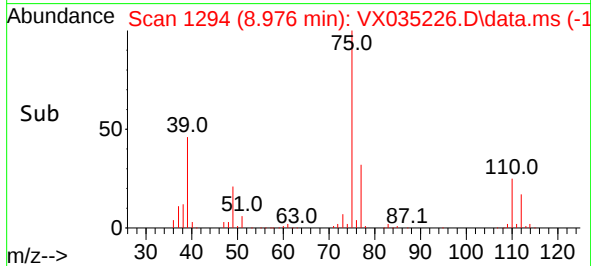
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 22364
Ion Ratio Lower Upper
75 100
77 32.0 25.4 38.2

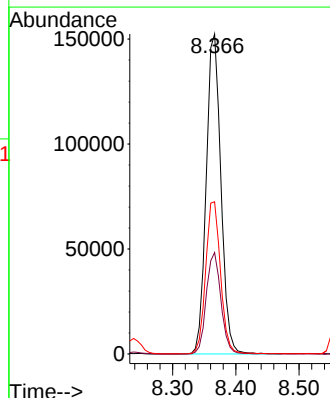
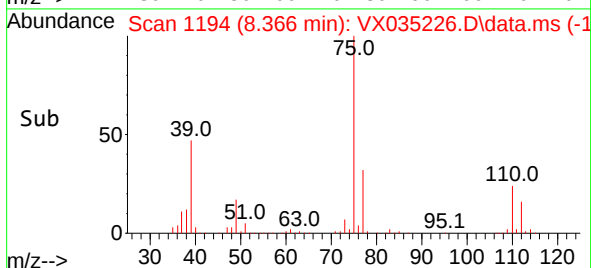
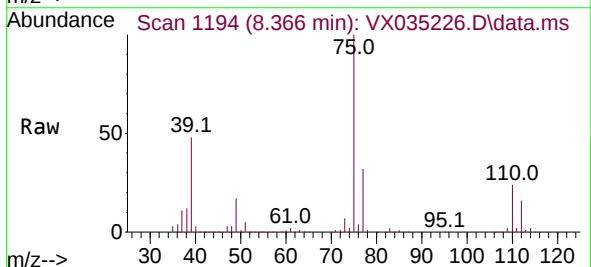
Manual Integrations
APPROVED

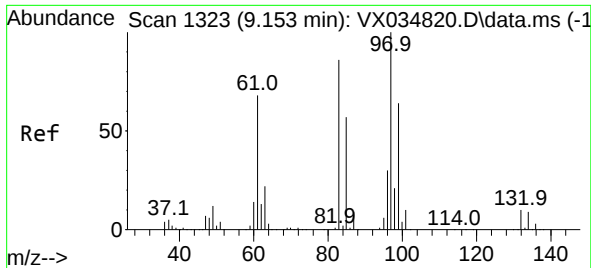
Reviewed By :John Carlone 04/24/2023
Supervised By :Mahesh Dadoda 04/24/2023



#54
cis-1,3-Dichloropropene
Concen: 57.534 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX035226.D
Acq: 21 Apr 2023 12:16

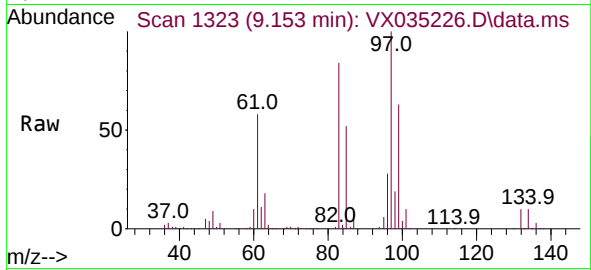
Tgt Ion: 75 Resp: 246841
Ion Ratio Lower Upper
75 100
77 31.7 25.0 37.4
39 47.5 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 55.299 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX035226.D
Acq: 21 Apr 2023 12:16

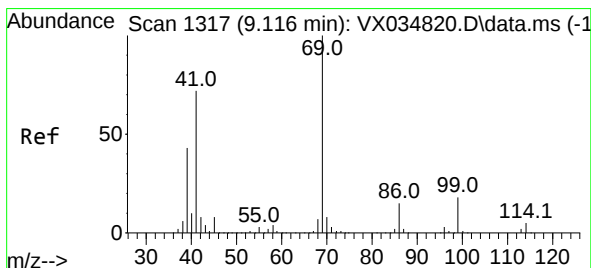
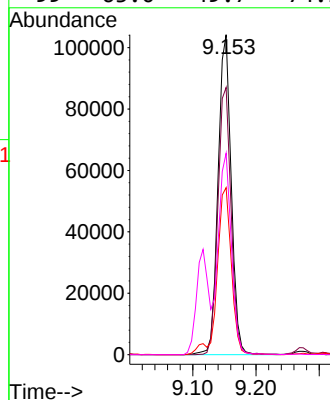
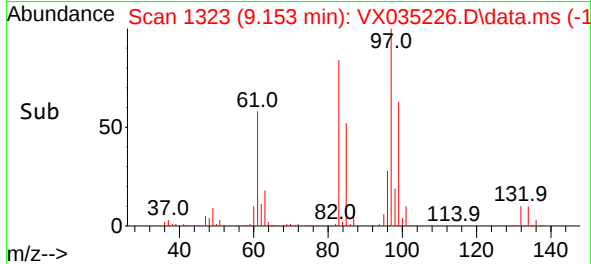
Instrument : MSVOA_X
ClientSampleId : VSTDCCC050



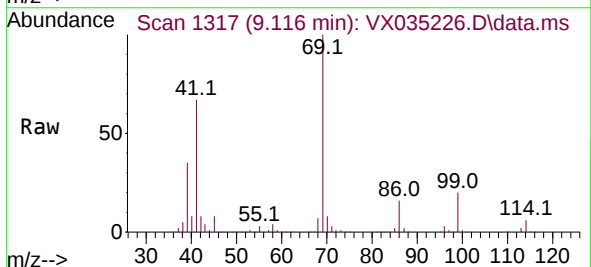
Tgt Ion: 97 Resp: 150164
Ion Ratio Lower Upper
97 100
83 83.5 69.7 104.5
85 52.2 43.7 65.5
99 63.0 49.7 74.5

Manual Integrations
APPROVED

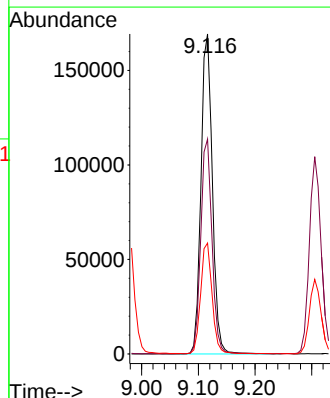
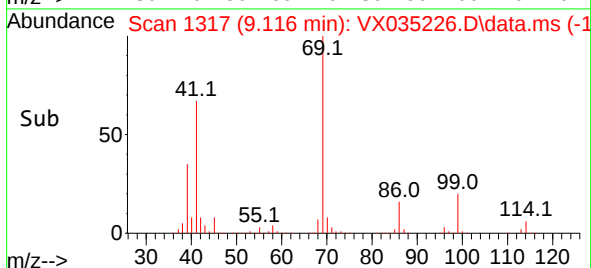
Reviewed By :John Carlone 04/24/2023
Supervised By :Mahesh Dadoda 04/24/2023

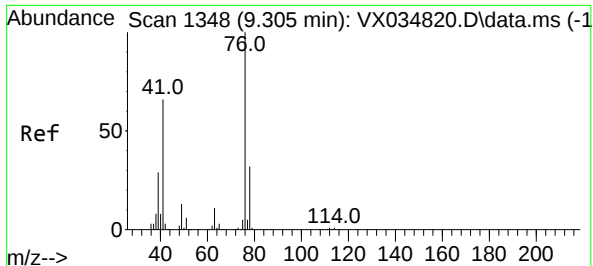


#56
Ethyl methacrylate
Concen: 55.308 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX035226.D
Acq: 21 Apr 2023 12:16



Tgt Ion: 69 Resp: 235313
Ion Ratio Lower Upper
69 100
41 66.1 57.4 86.0
39 34.8 33.7 50.5





#57

1,3-Dichloropropane

Concen: 53.258 ug/l

RT: 9.305 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX035226.D

Acq: 21 Apr 2023 12:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 256118

Ion Ratio Lower Upper

76 100

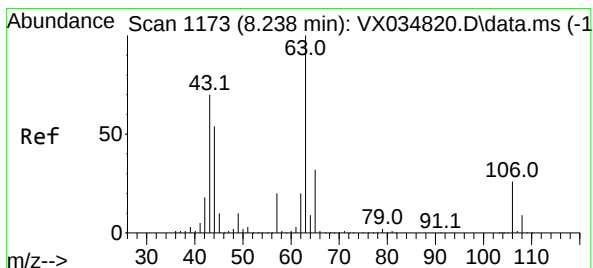
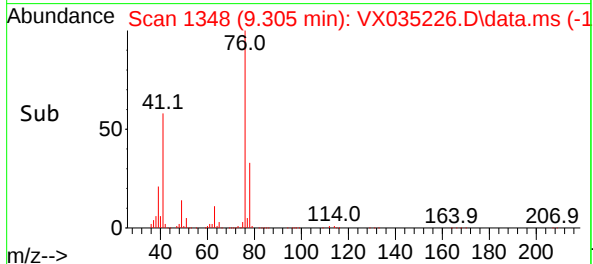
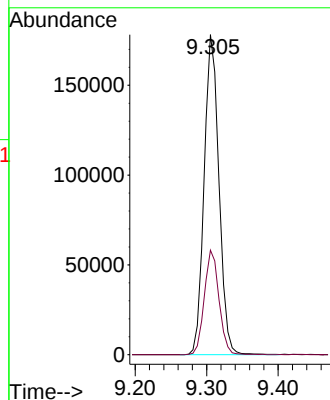
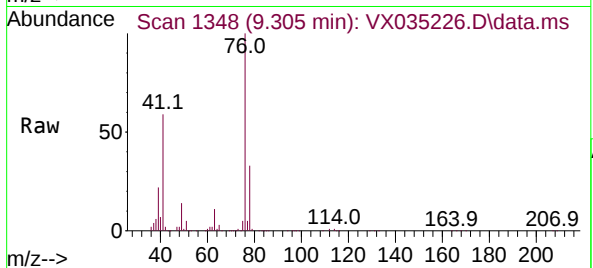
78 32.4 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/24/2023

Supervised By :Mahesh Dadoda 04/24/2023



#58

2-Chloroethyl Vinyl ether

Concen: 263.700 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX035226.D

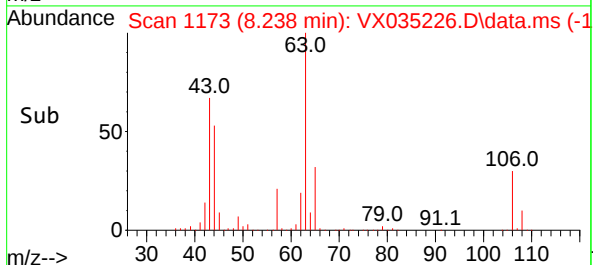
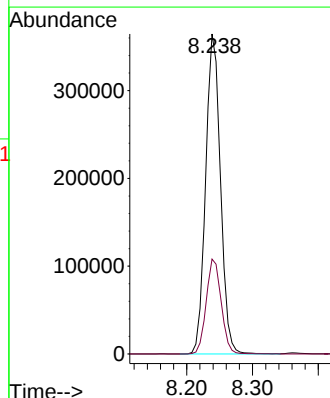
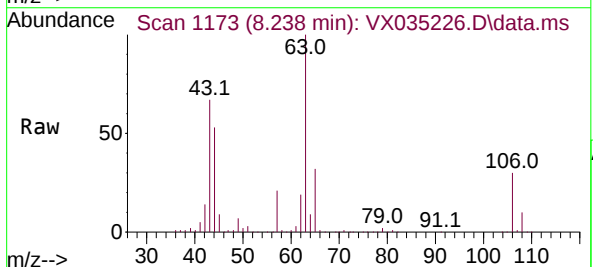
Acq: 21 Apr 2023 12:16

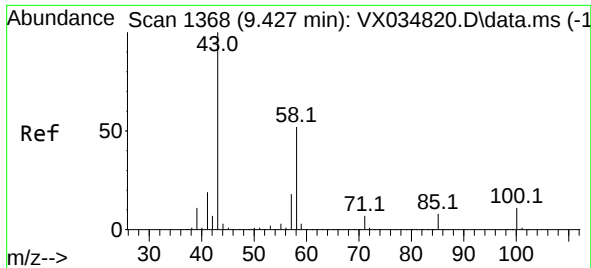
Tgt Ion: 63 Resp: 571260

Ion Ratio Lower Upper

63 100

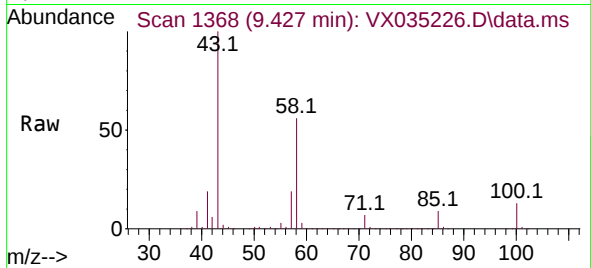
106 29.9 22.2 33.2





#59
2-Hexanone
Concen: 249.681 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX035226.D
Acq: 21 Apr 2023 12:16

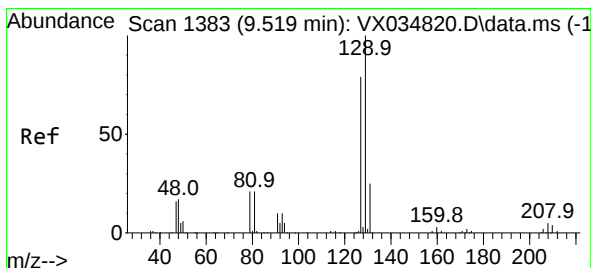
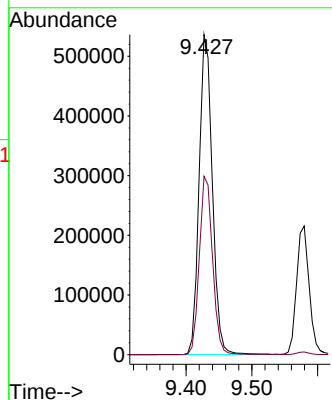
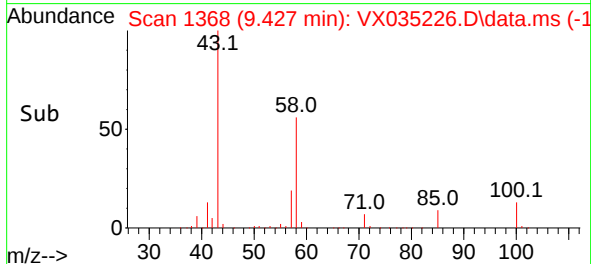
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 749484
Ion Ratio Lower Upper
43 100
58 55.9 26.3 78.9

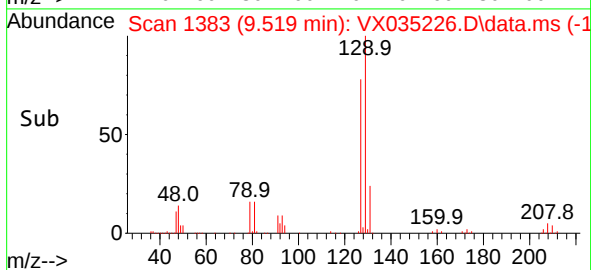
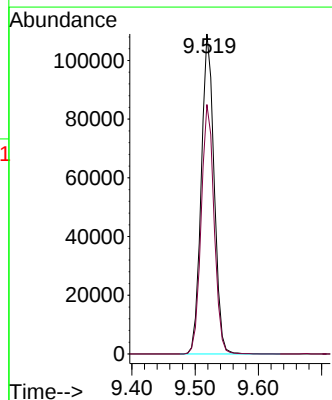
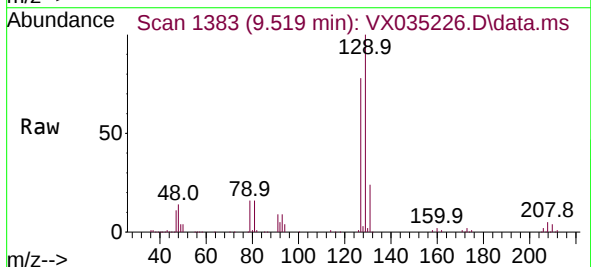
Manual Integrations
APPROVED

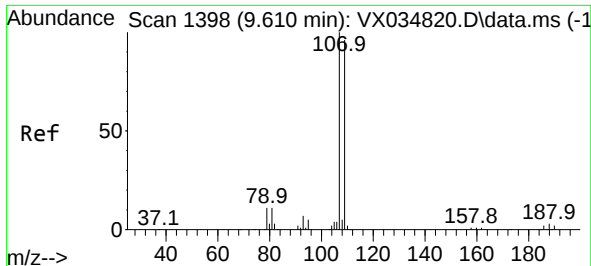
Reviewed By :John Carlone 04/24/2023
Supervised By :Mahesh Dadoda 04/24/2023



#60
Dibromochloromethane
Concen: 59.709 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX035226.D
Acq: 21 Apr 2023 12:16

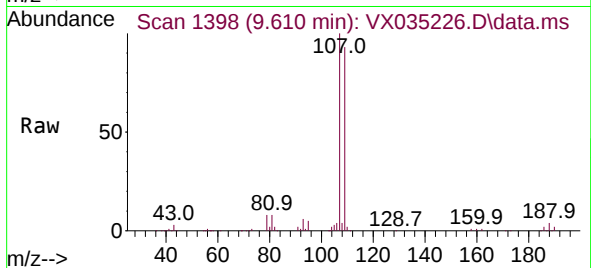
Tgt Ion:129 Resp: 154451
Ion Ratio Lower Upper
129 100
127 78.1 39.0 117.0





#61
1,2-Dibromoethane
Concen: 55.987 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX035226.D
Acq: 21 Apr 2023 12:16

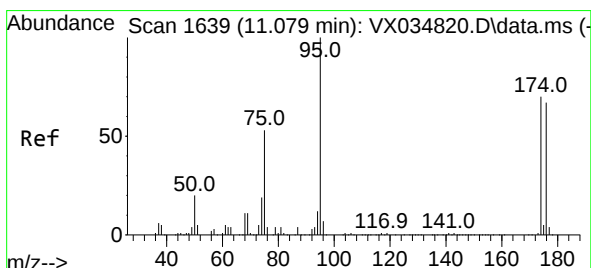
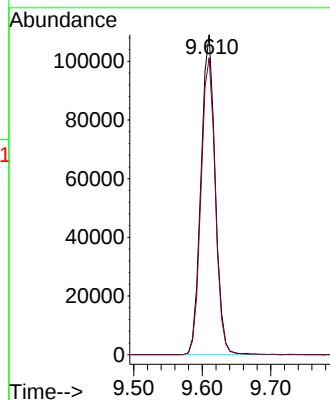
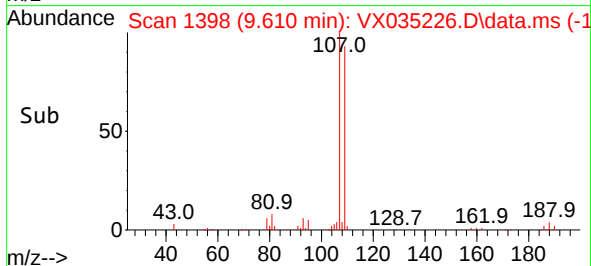
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 15809
Ion Ratio Lower Upper
107 100
109 93.3 75.3 112.9

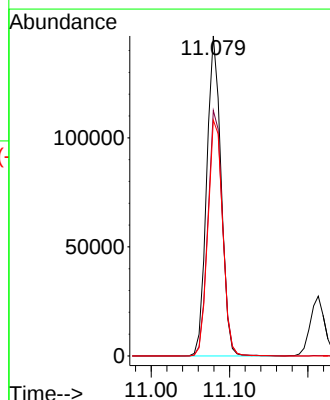
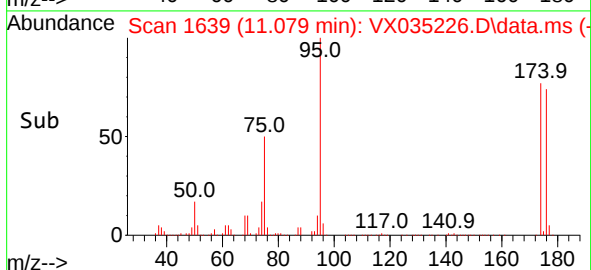
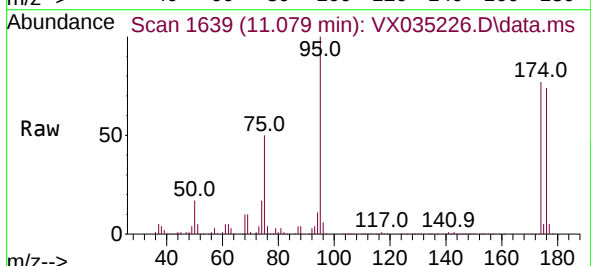
Manual Integrations
APPROVED

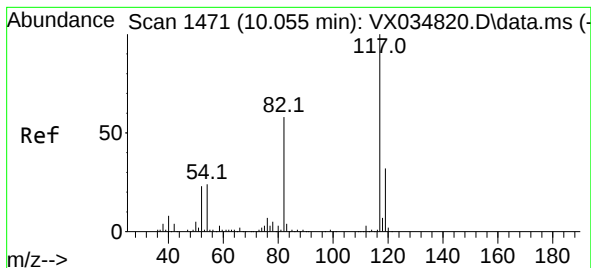
Reviewed By :John Carlone 04/24/2023
Supervised By :Mahesh Dadoda 04/24/2023



#62
4-Bromofluorobenzene
Concen: 50.426 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX035226.D
Acq: 21 Apr 2023 12:16

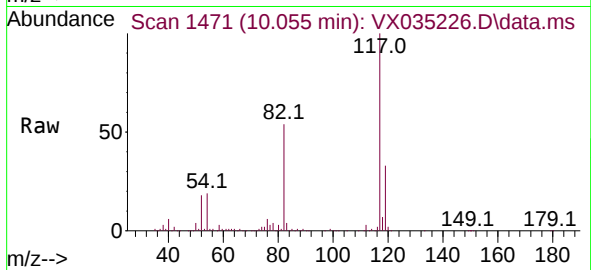
Tgt Ion: 95 Resp: 186358
Ion Ratio Lower Upper
95 100
174 78.0 0.0 147.4
176 75.7 0.0 140.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035226.D
Acq: 21 Apr 2023 12:16

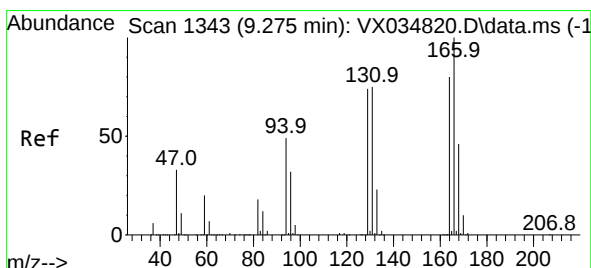
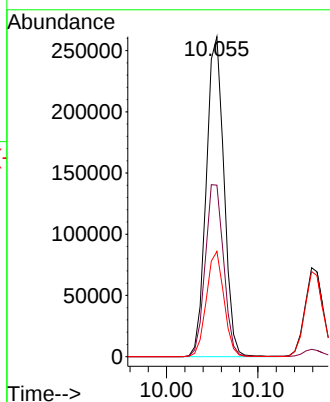
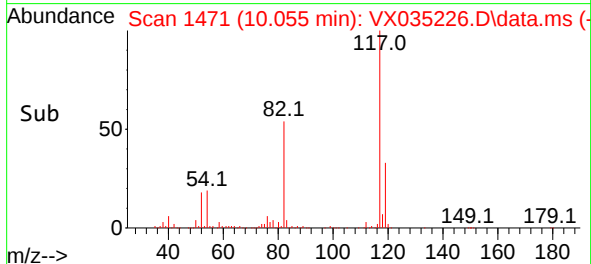
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 350690
Ion Ratio Lower Upper
117 100
82 53.6 45.0 67.4
119 32.9 26.0 39.0

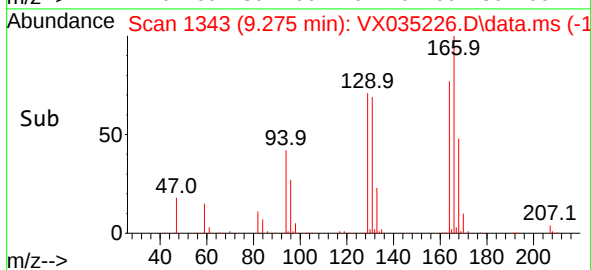
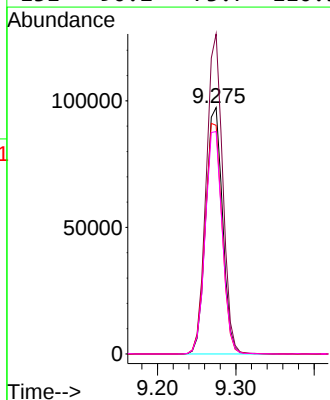
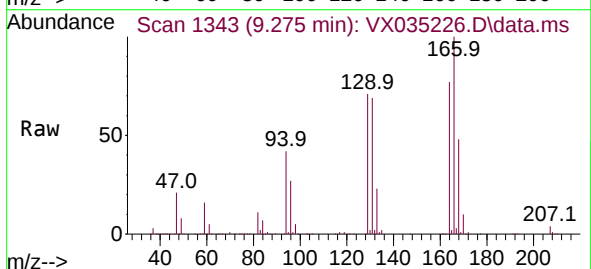
Manual Integrations
APPROVED

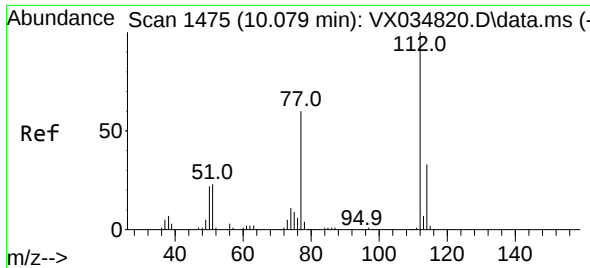
Reviewed By :John Carlone 04/24/2023
Supervised By :Mahesh Dadoda 04/24/2023



#64
Tetrachloroethene
Concen: 57.362 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX035226.D
Acq: 21 Apr 2023 12:16

Tgt Ion:164 Resp: 143960
Ion Ratio Lower Upper
164 100
166 129.8 102.7 154.1
129 92.7 75.6 113.4
131 90.2 73.7 110.5





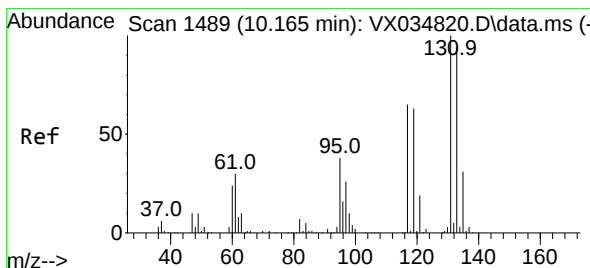
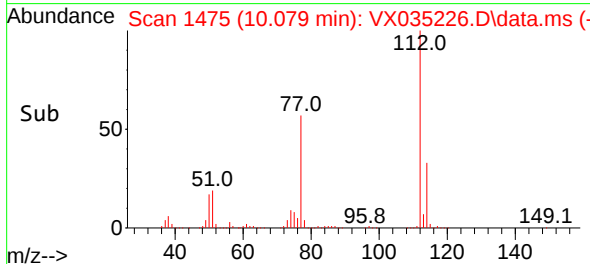
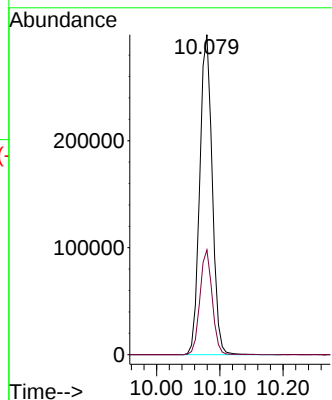
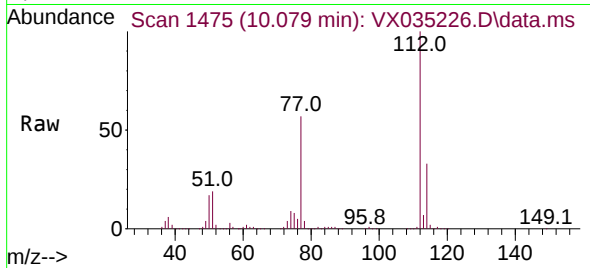
#65
Chlorobenzene
Concen: 56.200 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX035226.D
Acq: 21 Apr 2023 12:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 41006
Ion Ratio Lower Upper
112 100
114 32.7 26.2 39.2

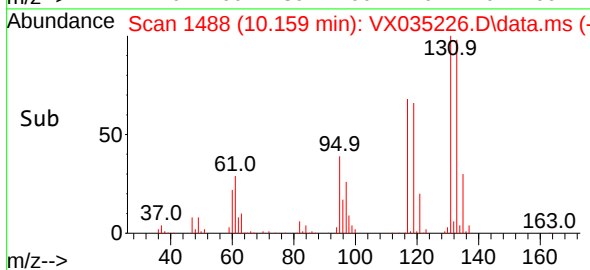
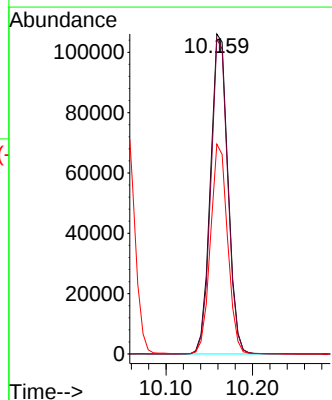
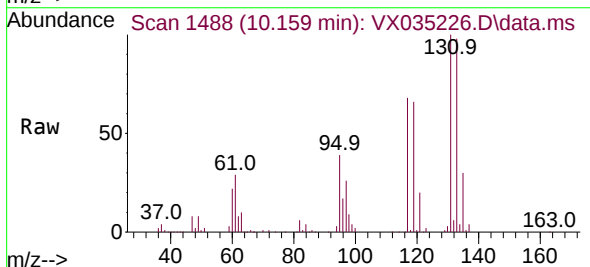
Manual Integrations
APPROVED

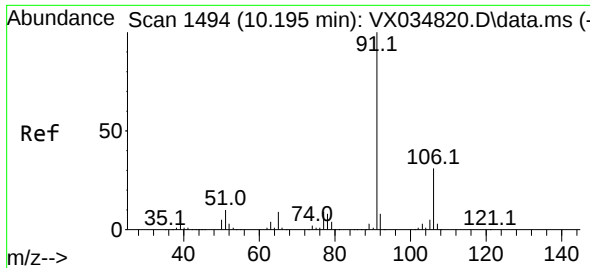
Reviewed By :John Carlone 04/24/2023
Supervised By :Mahesh Dadoda 04/24/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 59.268 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX035226.D
Acq: 21 Apr 2023 12:16

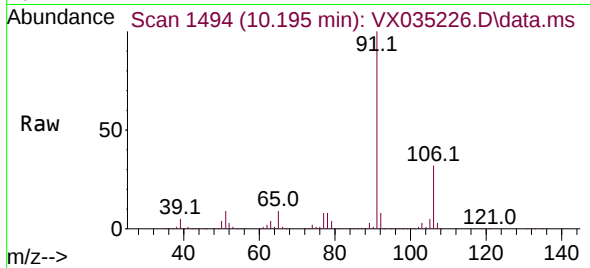
Tgt Ion:131 Resp: 148703
Ion Ratio Lower Upper
131 100
133 95.9 47.1 141.4
119 64.3 32.6 98.0





#67
Ethyl Benzene
Concen: 54.981 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX035226.D
Acq: 21 Apr 2023 12:16

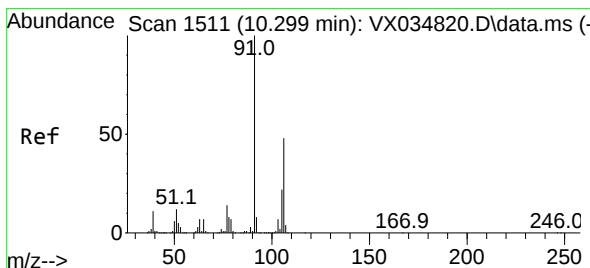
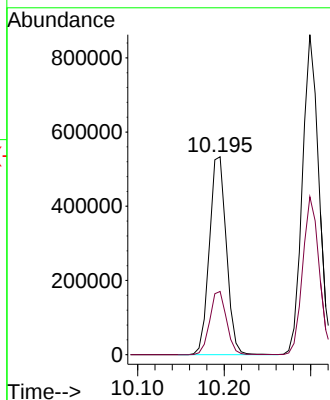
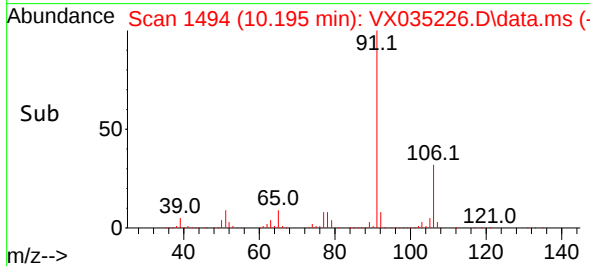
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



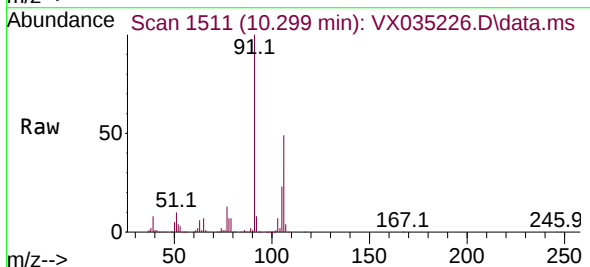
Tgt Ion: 91 Resp: 72674
Ion Ratio Lower Upper
91 100
106 32.0 25.6 38.4

Manual Integrations
APPROVED

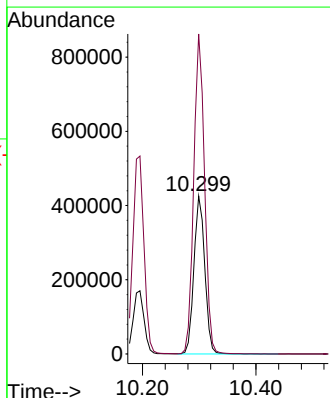
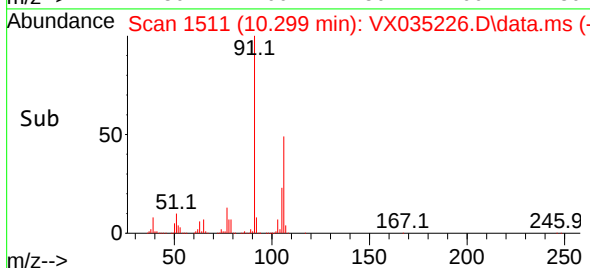
Reviewed By :John Carlone 04/24/2023
Supervised By :Mahesh Dadoda 04/24/2023

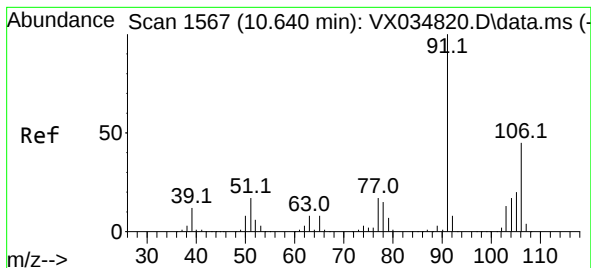


#68
m/p-Xylenes
Concen: 111.901 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX035226.D
Acq: 21 Apr 2023 12:16



Tgt Ion:106 Resp: 565008
Ion Ratio Lower Upper
106 100
91 201.6 164.0 246.0





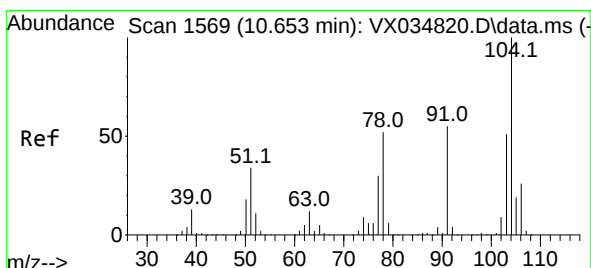
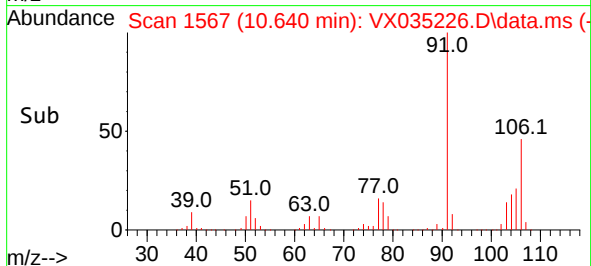
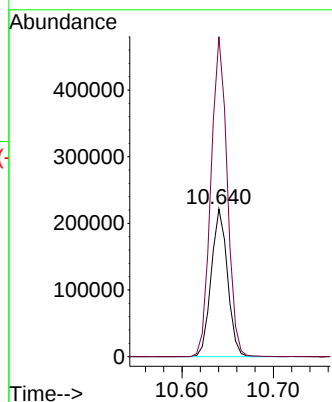
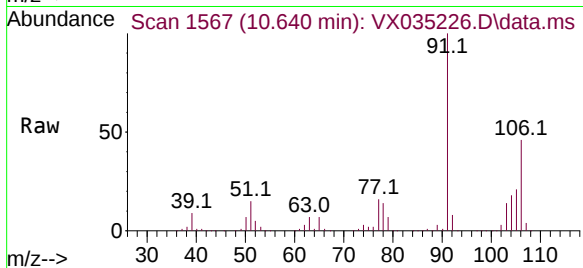
#69
o-Xylene
Concen: 55.640 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX035226.D
Acq: 21 Apr 2023 12:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 275212
Ion Ratio Lower Upper
106 100
91 215.9 108.5 325.3

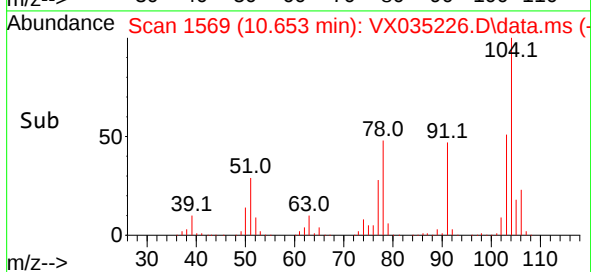
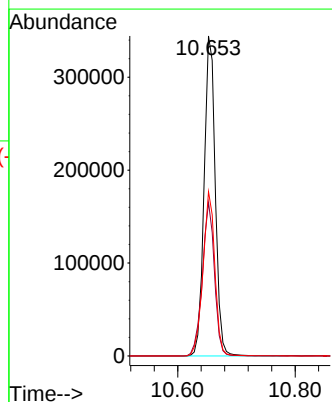
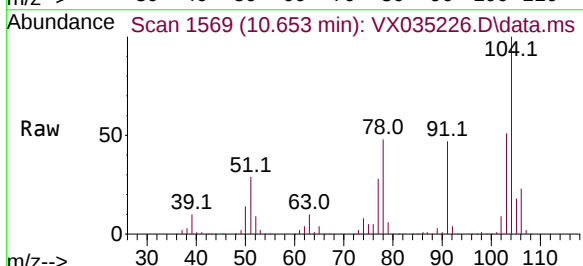
Manual Integrations
APPROVED

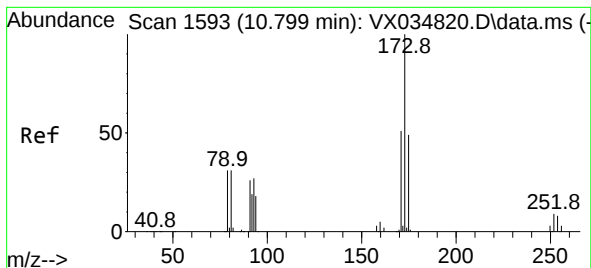
Reviewed By :John Carlone 04/24/2023
Supervised By :Mahesh Dadoda 04/24/2023



#70
Styrene
Concen: 57.682 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX035226.D
Acq: 21 Apr 2023 12:16

Tgt Ion:104 Resp: 455462
Ion Ratio Lower Upper
104 100
78 51.9 43.4 65.2
103 54.7 44.2 66.2





#71

Bromoform

Concen: 64.010 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX035226.D

Acq: 21 Apr 2023 12:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 109230

Ion Ratio Lower Upper

173 100

175 48.0 24.1 72.4

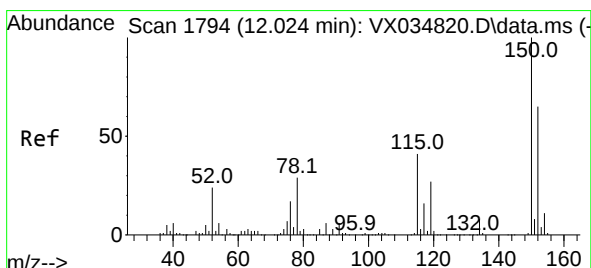
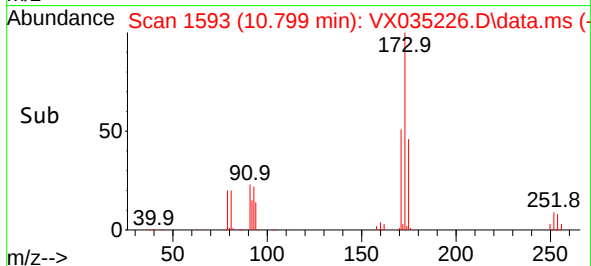
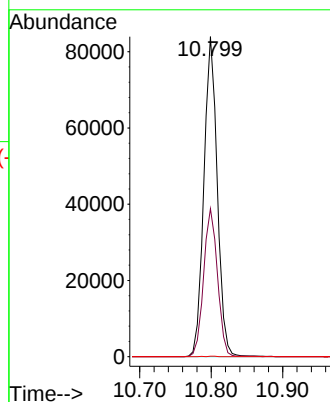
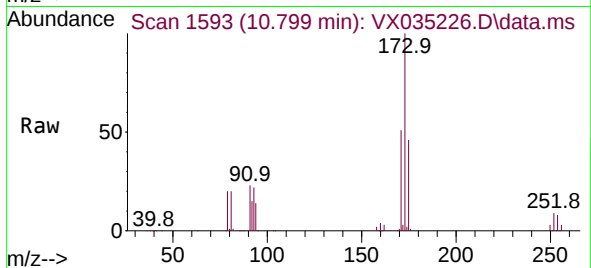
254 0.1 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/24/2023

Supervised By :Mahesh Dadoda 04/24/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX035226.D

Acq: 21 Apr 2023 12:16

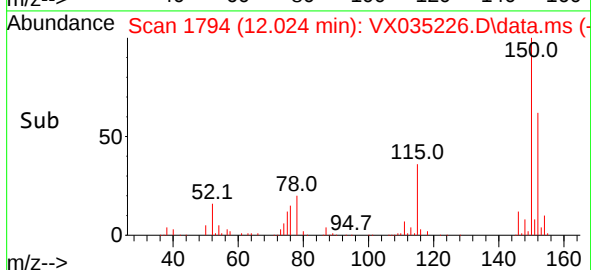
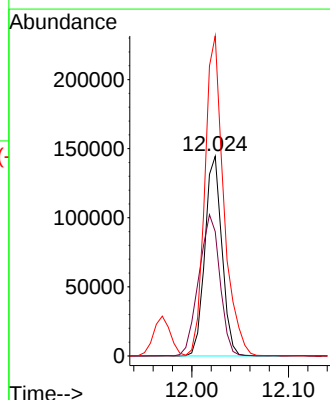
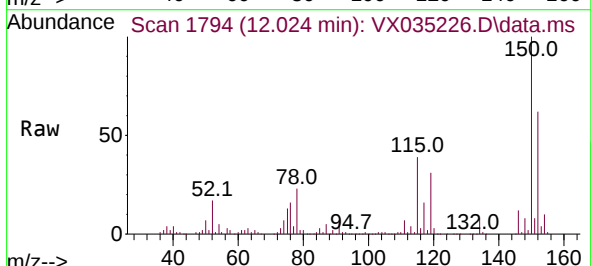
Tgt Ion:152 Resp: 177213

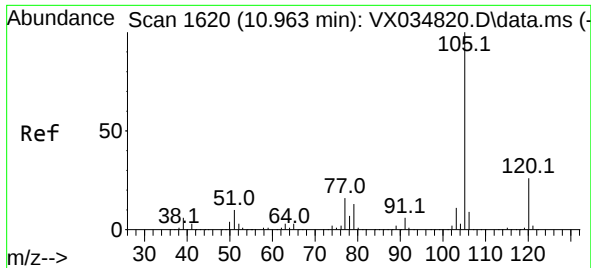
Ion Ratio Lower Upper

152 100

115 87.7 45.0 135.0

150 177.6 0.0 352.4





#73
Isopropylbenzene
Concen: 56.192 ug/l
RT: 10.963 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX035226.D
Acq: 21 Apr 2023 12:16

Instrument :

MSVOA_X

ClientSampleId :

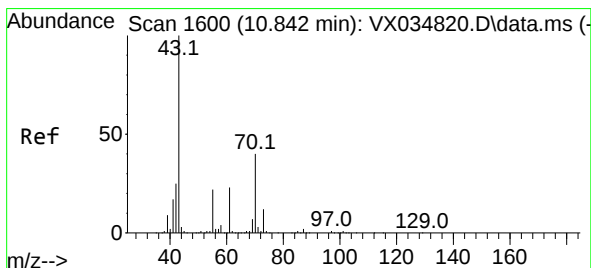
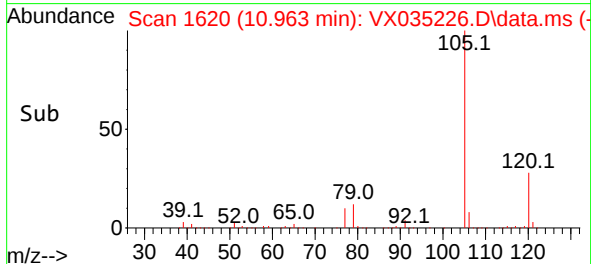
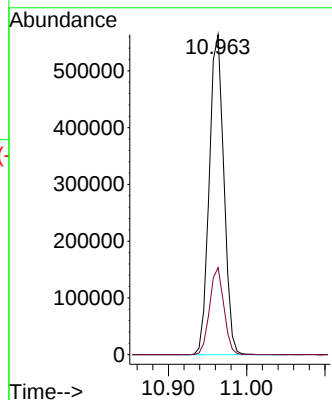
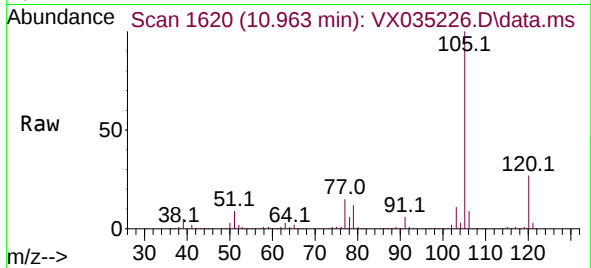
VSTDCCC050

Tgt Ion:105 Resp: 729424
Ion Ratio Lower Upper
105 100
120 26.6 13.3 39.9

Manual Integrations

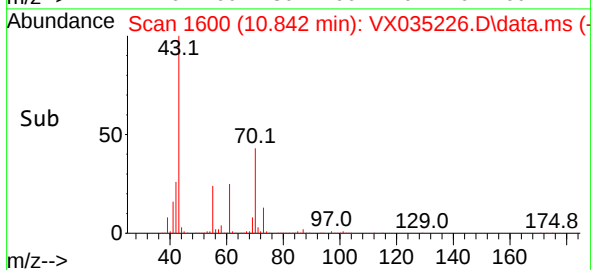
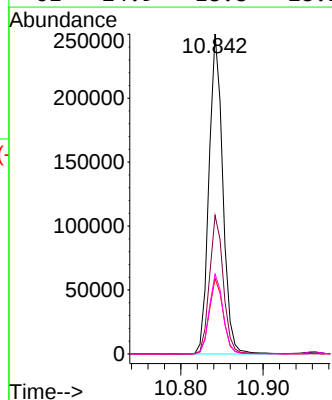
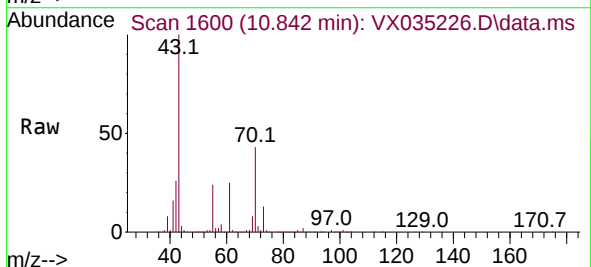
APPROVED

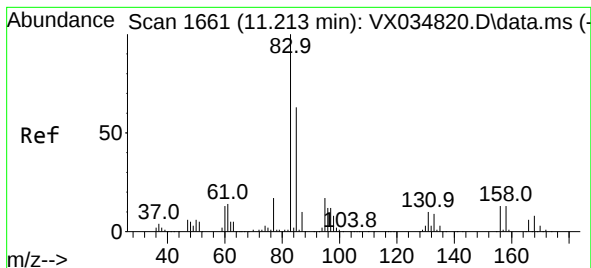
Reviewed By :John Carlone 04/24/2023
Supervised By :Mahesh Dadoda 04/24/2023



#74
N-ethyl acetate
Concen: 49.976 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX035226.D
Acq: 21 Apr 2023 12:16

Tgt Ion: 43 Resp: 291678
Ion Ratio Lower Upper
43 100
70 43.5 32.1 48.1
55 23.9 18.3 27.5
61 24.9 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 51.345 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. 0.000 min

Lab File: VX035226.D

Acq: 21 Apr 2023 12:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 21844

Ion Ratio Lower Upper

83 100

131 10.9 4.8 14.3

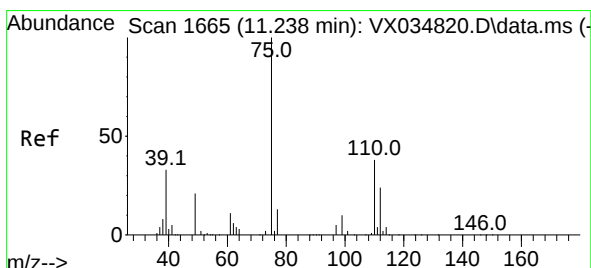
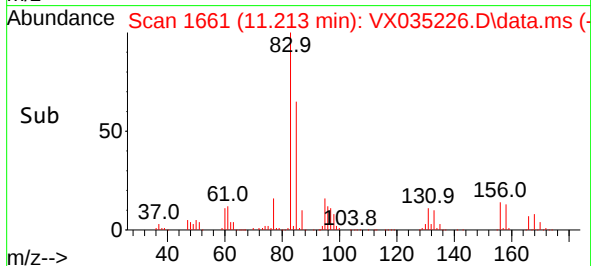
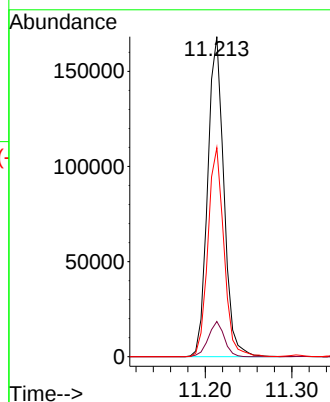
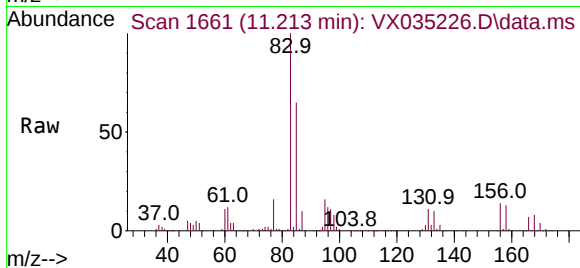
85 64.7 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/24/2023

Supervised By :Mahesh Dadoda 04/24/2023



#76

1,2,3-Trichloropropane

Concen: 50.189 ug/l m

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX035226.D

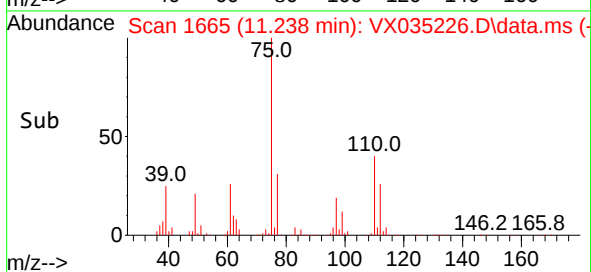
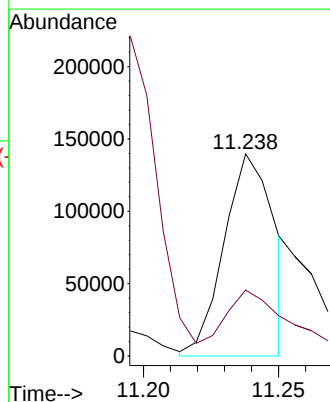
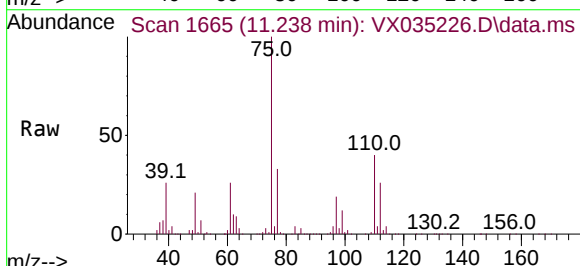
Acq: 21 Apr 2023 12:16

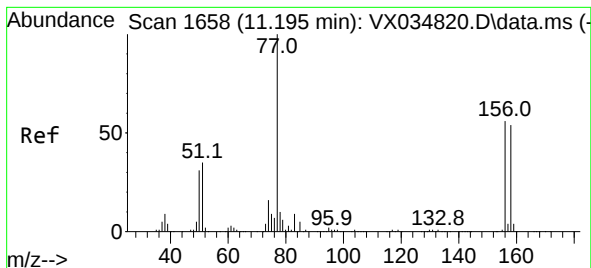
Tgt Ion: 75 Resp: 179209

Ion Ratio Lower Upper

75 100

77 43.1 21.6 64.8





#77

Bromobenzene

Concen: 54.927 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX035226.D

Acq: 21 Apr 2023 12:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:156 Resp: 176670

Ion Ratio Lower Upper

156 100

77 158.8 86.7 259.9

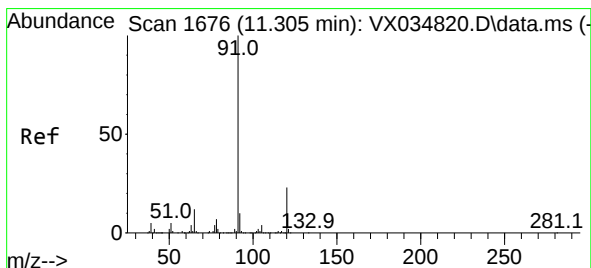
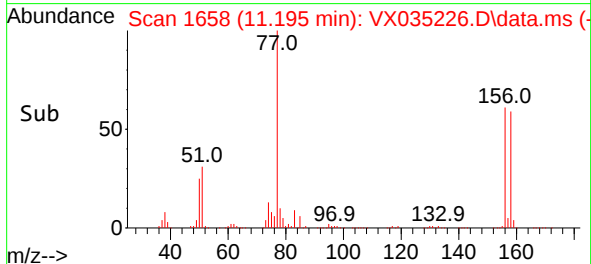
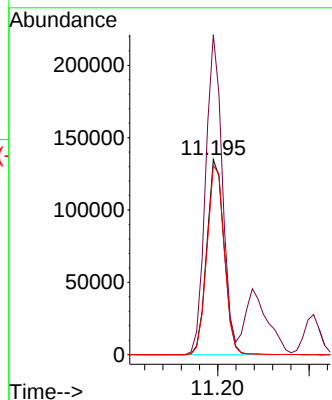
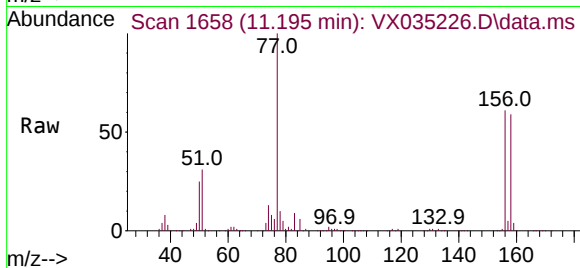
158 97.4 48.0 144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/24/2023

Supervised By :Mahesh Dadoda 04/24/2023



#78

n-propylbenzene

Concen: 56.117 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX035226.D

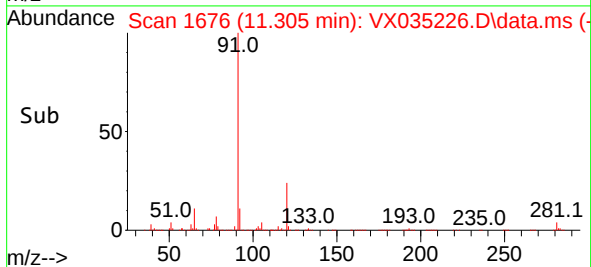
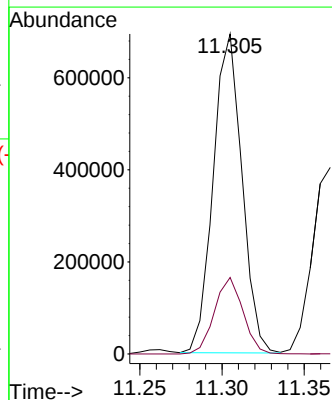
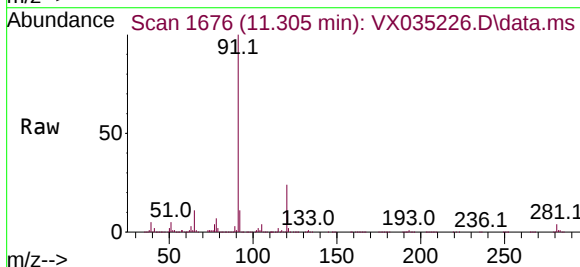
Acq: 21 Apr 2023 12:16

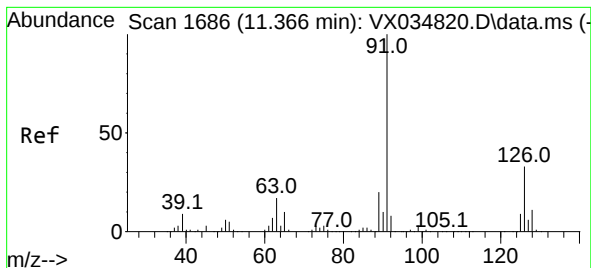
Tgt Ion: 91 Resp: 841500

Ion Ratio Lower Upper

91 100

120 23.8 11.5 34.5





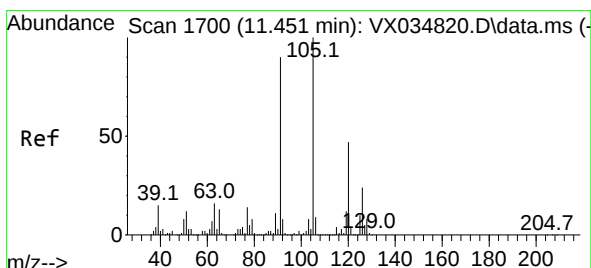
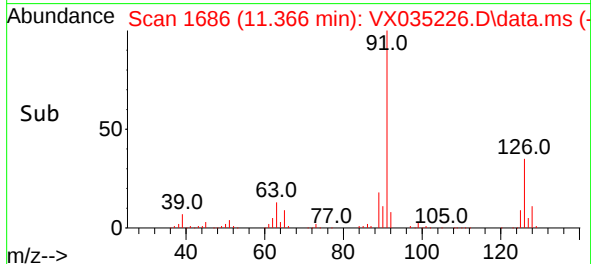
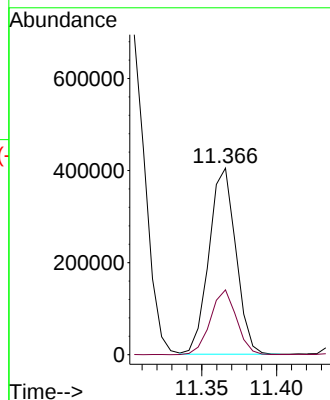
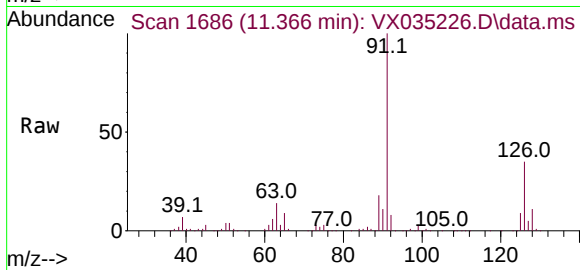
#79
2-Chlorotoluene
Concen: 53.402 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX035226.D
Acq: 21 Apr 2023 12:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 50560
Ion Ratio Lower Upper
91 100
126 33.8 16.3 48.9

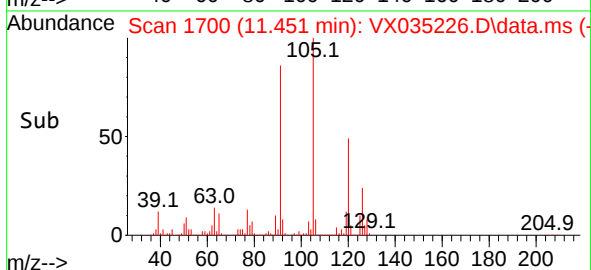
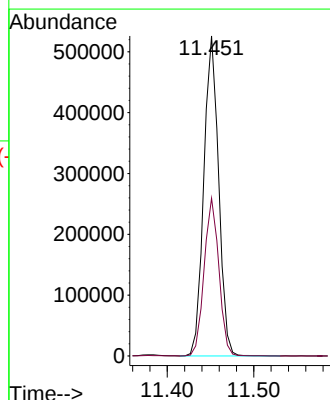
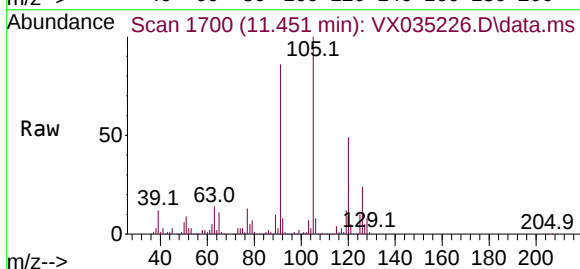
Manual Integrations
APPROVED

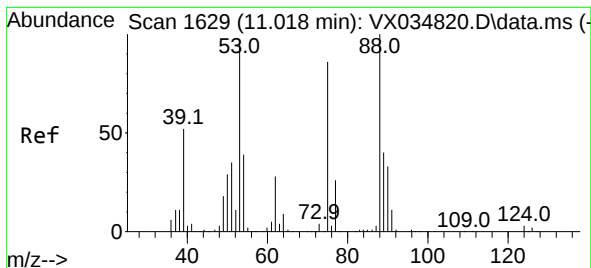
Reviewed By :John Carlone 04/24/2023
Supervised By :Mahesh Dadoda 04/24/2023



#80
1,3,5-Trimethylbenzene
Concen: 57.558 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035226.D
Acq: 21 Apr 2023 12:16

Tgt Ion:105 Resp: 624704
Ion Ratio Lower Upper
105 100
120 48.9 23.7 71.1





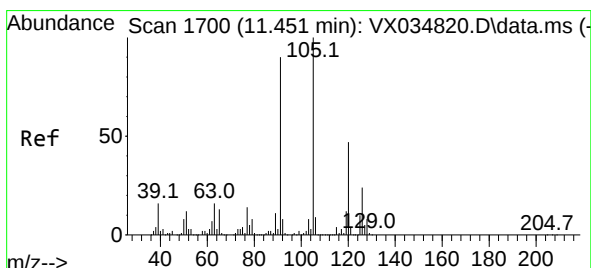
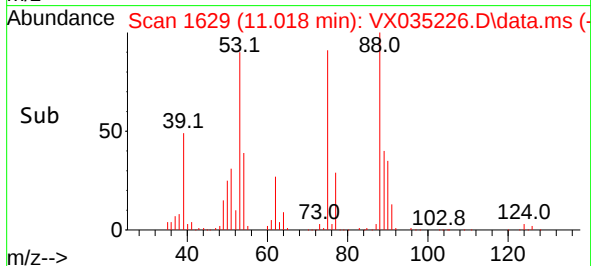
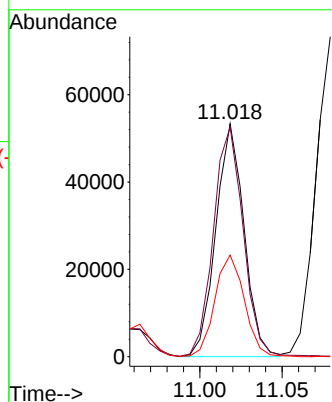
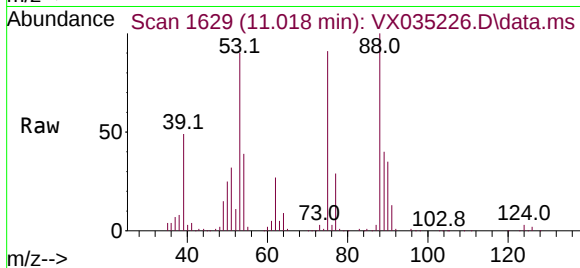
#81
trans-1,4-Dichloro-2-butene
Concen: 53.409 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX035226.D
Acq: 21 Apr 2023 12:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 63634
Ion Ratio Lower Upper
75 100
53 104.4 82.6 124.0
89 45.5 36.9 55.3

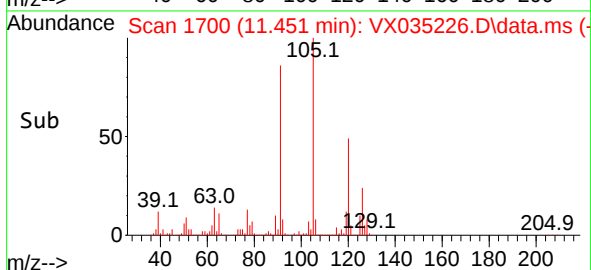
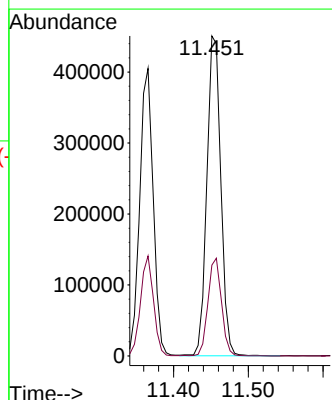
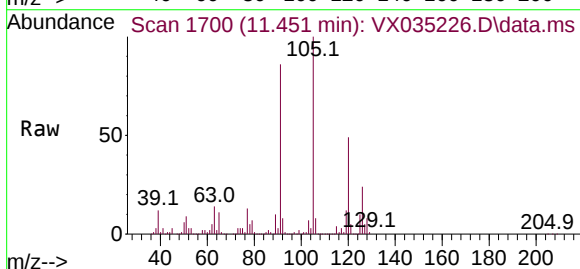
Manual Integrations
APPROVED

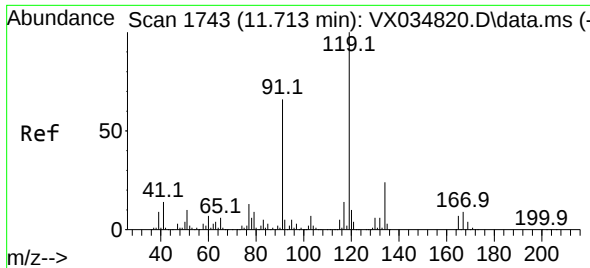
Reviewed By :John Carlone 04/24/2023
Supervised By :Mahesh Dadoda 04/24/2023



#82
4-Chlorotoluene
Concen: 53.110 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035226.D
Acq: 21 Apr 2023 12:16

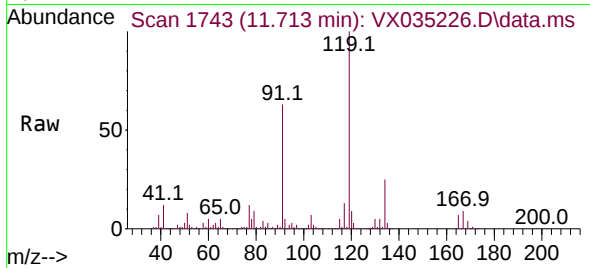
Tgt Ion: 91 Resp: 583925
Ion Ratio Lower Upper
91 100
126 29.7 14.2 42.6





#83
tert-Butylbenzene
Concen: 60.093 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX035226.D
Acq: 21 Apr 2023 12:16

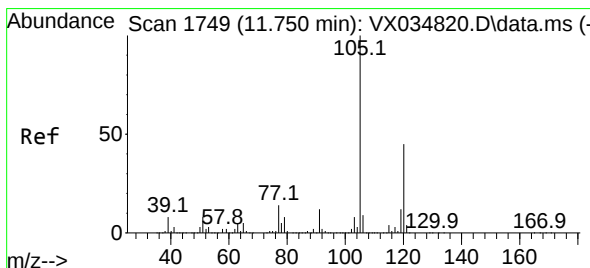
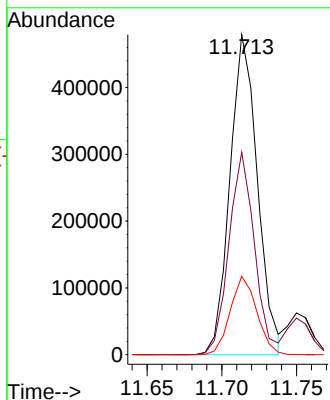
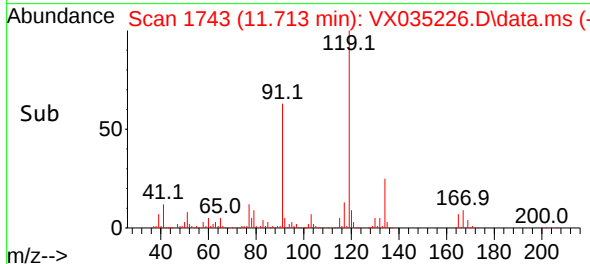
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



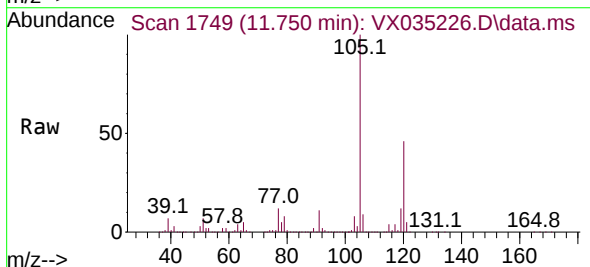
Tgt Ion:119 Resp: 61246
Ion Ratio Lower Upper
119 100
91 58.9 30.6 92.0
134 23.7 11.8 35.4

Manual Integrations
APPROVED

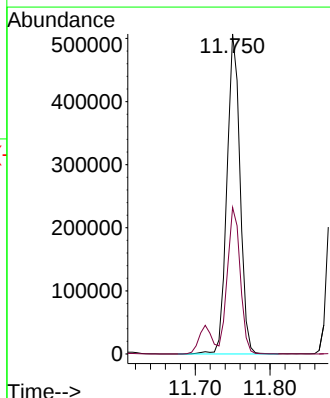
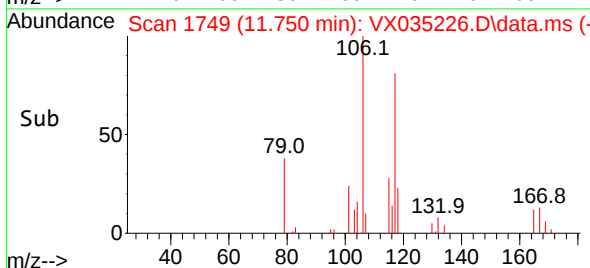
Reviewed By :John Carlone 04/24/2023
Supervised By :Mahesh Dadoda 04/24/2023

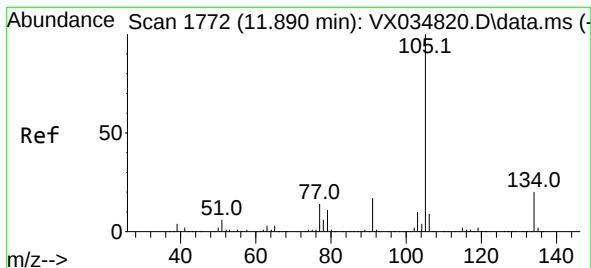


#84
1,2,4-Trimethylbenzene
Concen: 55.968 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX035226.D
Acq: 21 Apr 2023 12:16



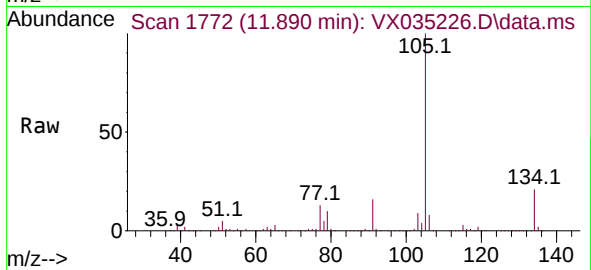
Tgt Ion:105 Resp: 617731
Ion Ratio Lower Upper
105 100
120 44.9 22.4 67.0





#85
 sec-Butylbenzene
 Concen: 61.802 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX035226.D
 Acq: 21 Apr 2023 12:16

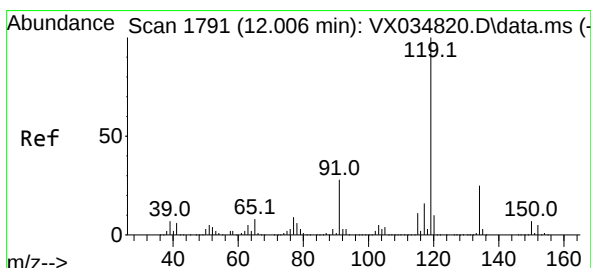
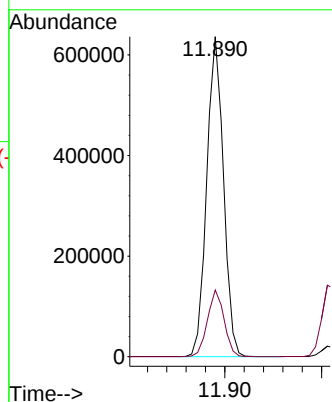
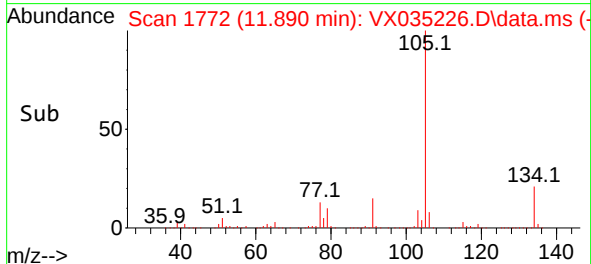
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



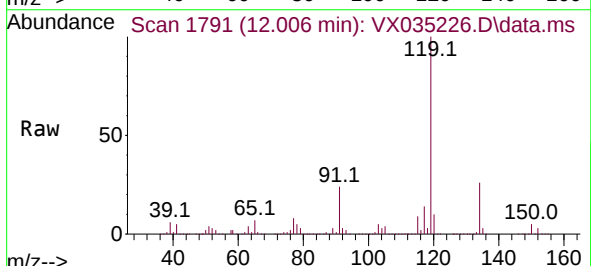
Tgt Ion:105 Resp: 766283
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.2 30.4

Manual Integrations
 APPROVED

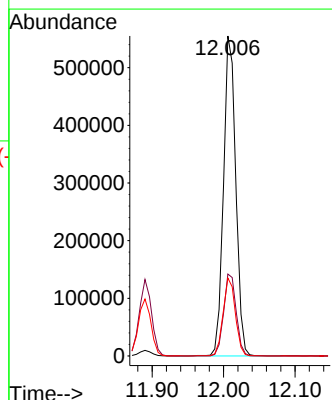
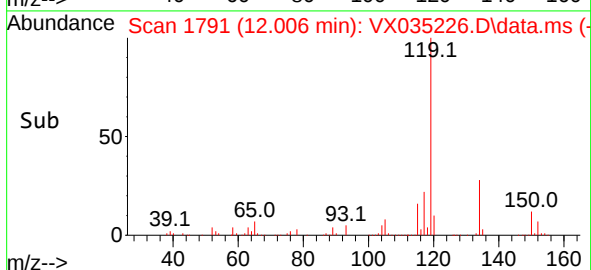
Reviewed By :John Carlone 04/24/2023
 Supervised By :Mahesh Dadoda 04/24/2023

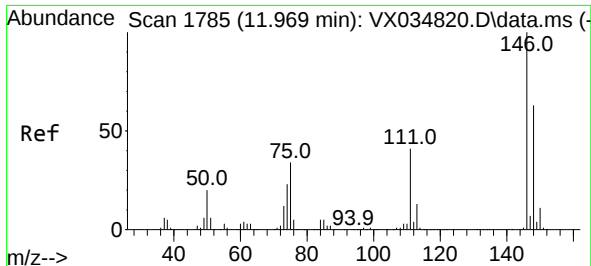


#86
 p-Isopropyltoluene
 Concen: 64.119 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX035226.D
 Acq: 21 Apr 2023 12:16



Tgt Ion:119 Resp: 662922
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.2 39.5
 91 24.3 12.9 38.7





#87

1,3-Dichlorobenzene

Concen: 57.629 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX035226.D

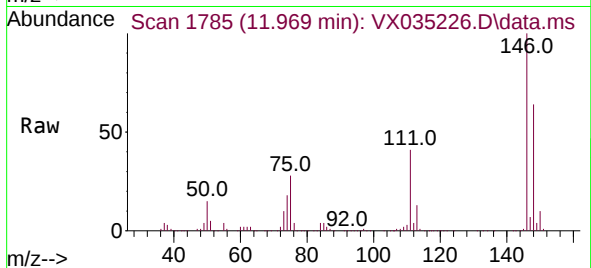
Acq: 21 Apr 2023 12:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



Tgt Ion:146 Resp: 337560

Ion Ratio Lower Upper

146 100

111 41.3 20.9 62.8

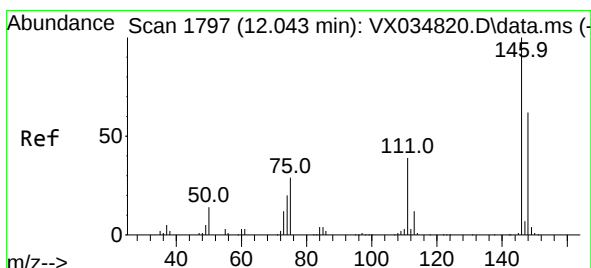
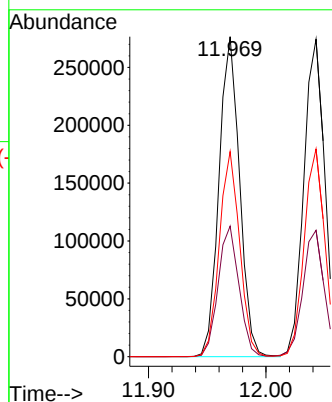
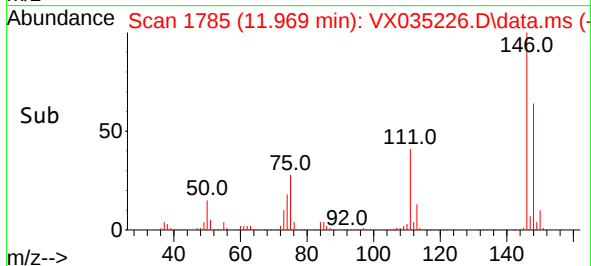
148 63.4 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/24/2023

Supervised By :Mahesh Dadoda 04/24/2023



#88

1,4-Dichlorobenzene

Concen: 55.805 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX035226.D

Acq: 21 Apr 2023 12:16

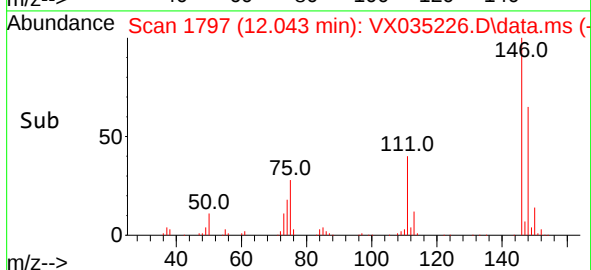
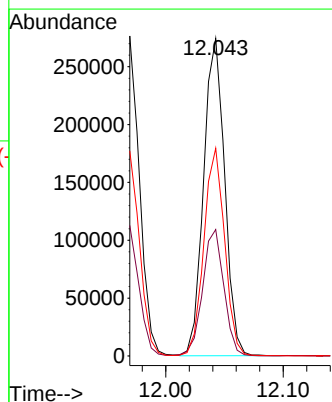
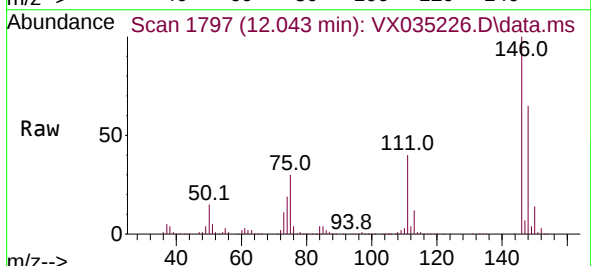
Tgt Ion:146 Resp: 341407

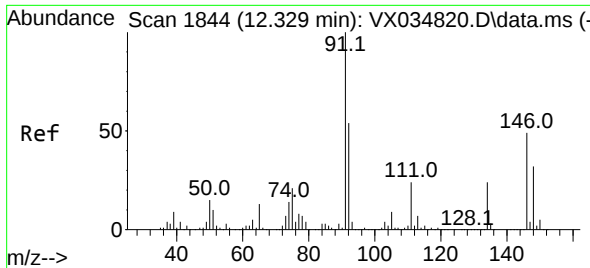
Ion Ratio Lower Upper

146 100

111 40.2 20.6 61.9

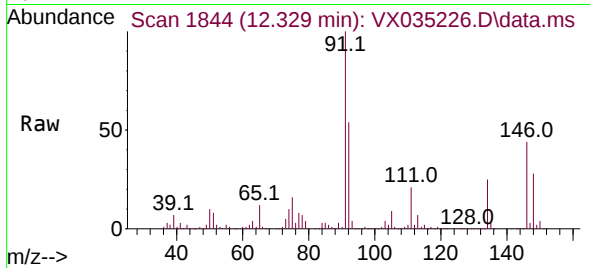
148 64.6 31.8 95.4





#89
n-Butylbenzene
Concen: 64.240 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX035226.D
Acq: 21 Apr 2023 12:16

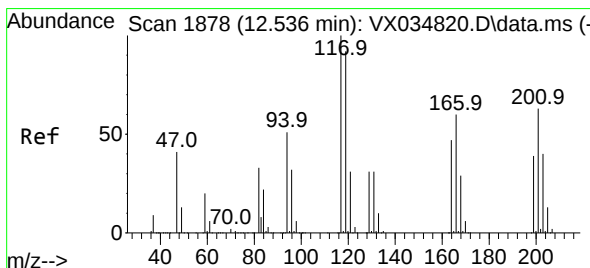
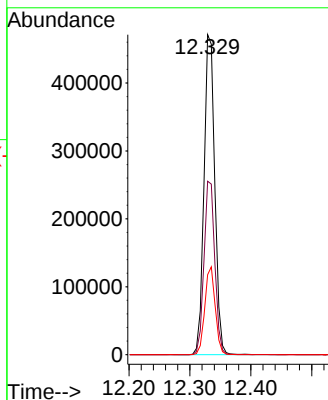
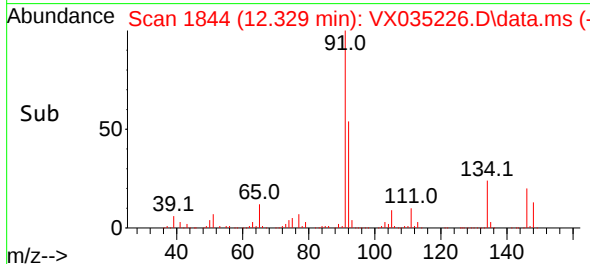
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 58028
Ion Ratio Lower Upper
91 100
92 54.5 27.7 83.0
134 26.5 13.0 38.9

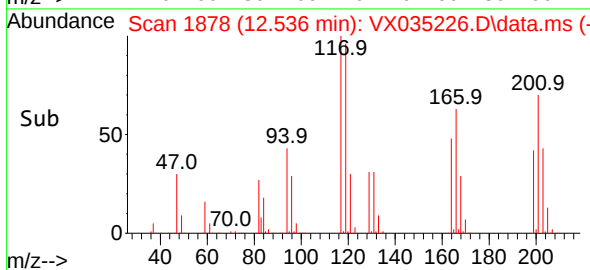
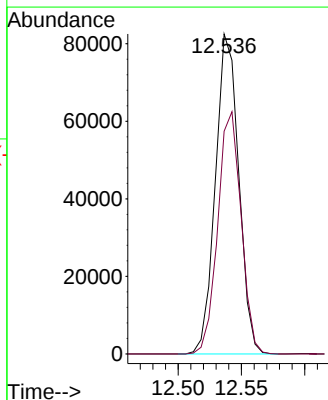
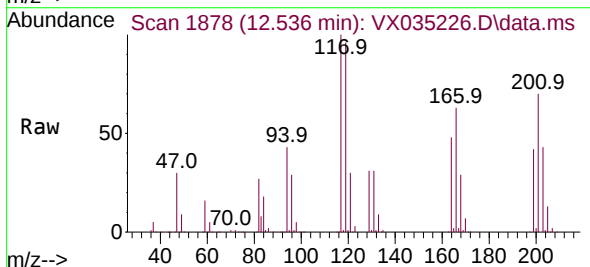
Manual Integrations
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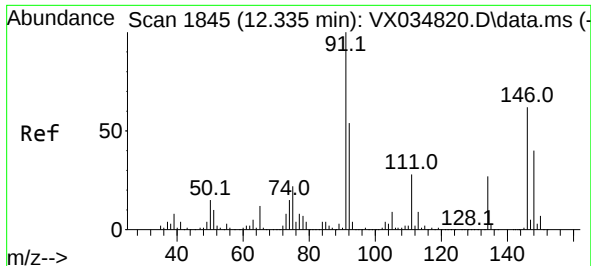
Reviewed By :John Carlone 04/24/2023
Supervised By :Mahesh Dadoda 04/24/2023



#90
Hexachloroethane
Concen: 65.881 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX035226.D
Acq: 21 Apr 2023 12:16

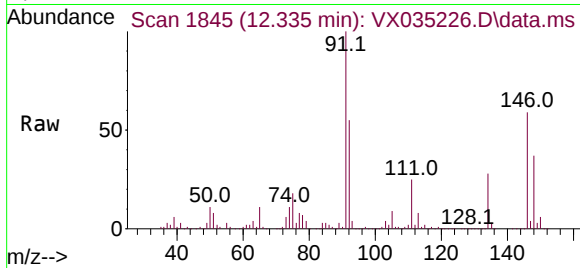
Tgt Ion:117 Resp: 105532
Ion Ratio Lower Upper
117 100
201 75.8 34.4 103.1





#91
1,2-Dichlorobenzene
Concen: 56.351 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX035226.D
Acq: 21 Apr 2023 12:16

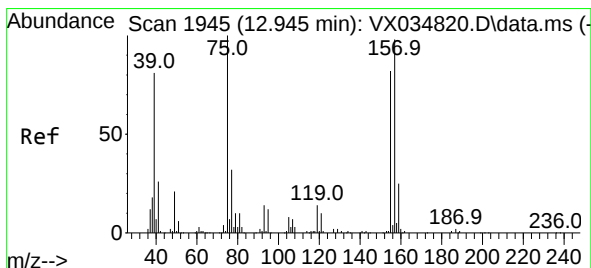
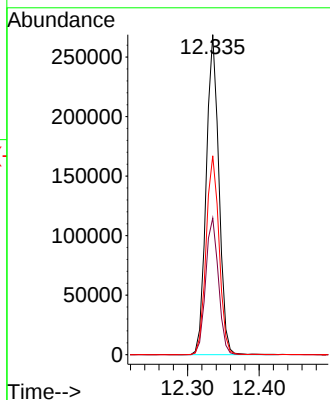
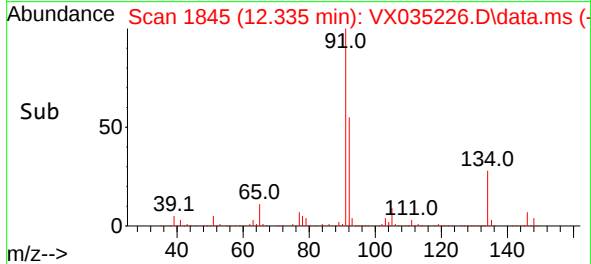
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



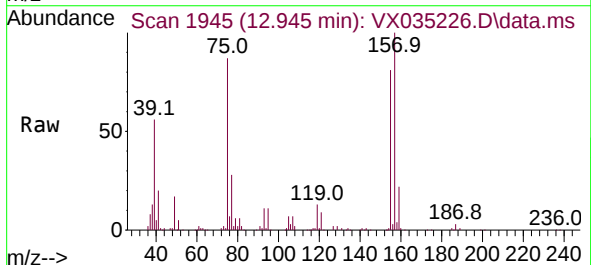
Tgt Ion:146 Resp: 33058
Ion Ratio Lower Upper
146 100
111 43.1 22.0 66.0
148 63.6 32.0 96.0

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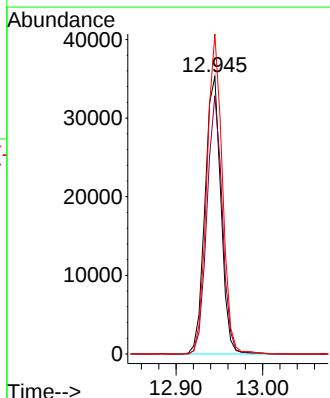
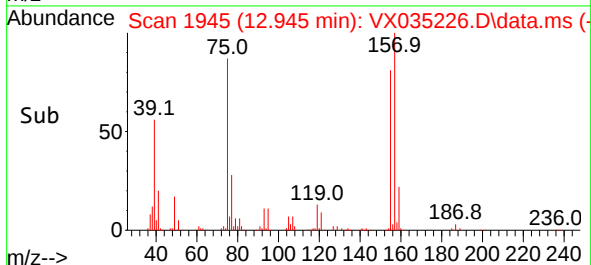
Reviewed By :John Carlone 04/24/2023
Supervised By :Mahesh Dadoda 04/24/2023

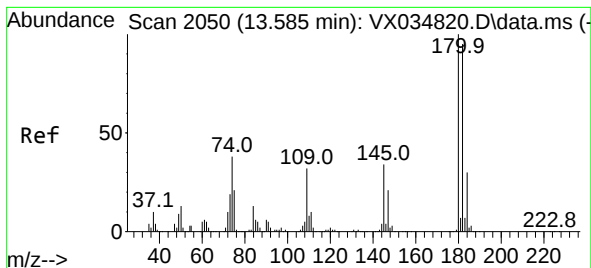


#92
1,2-Dibromo-3-Chloropropane
Concen: 50.659 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX035226.D
Acq: 21 Apr 2023 12:16



Tgt Ion: 75 Resp: 44988
Ion Ratio Lower Upper
75 100
155 89.9 38.4 115.1
157 112.7 49.9 149.7





#93

1,2,4-Trichlorobenzene

Concen: 65.543 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX035226.D

Acq: 21 Apr 2023 12:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

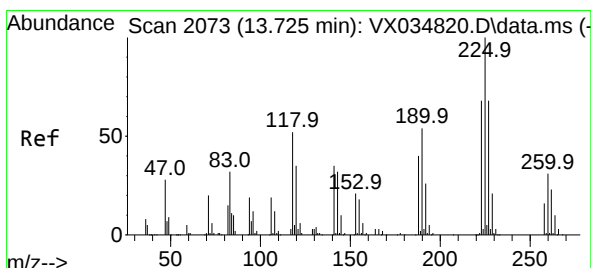
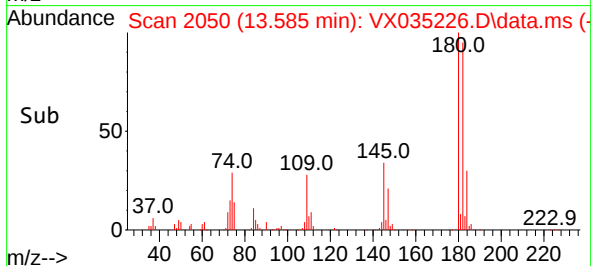
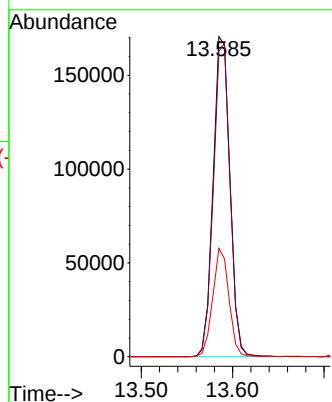
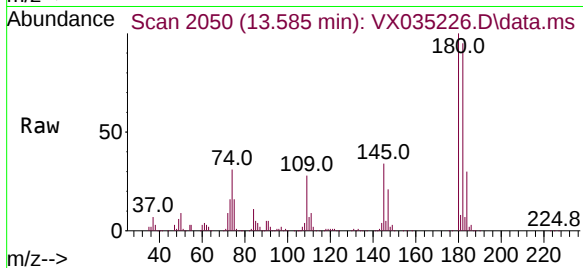
Tgt Ion:180	Resp: 21747
Ion Ratio	Lower Upper
180 100	
182 97.2	47.0 141.0
145 32.6	15.9 47.7

Manual Integrations

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Reviewed By :John Carlone 04/24/2023

Supervised By :Mahesh Dadoda 04/24/2023



#94

Hexachlorobutadiene

Concen: 65.882 ug/l

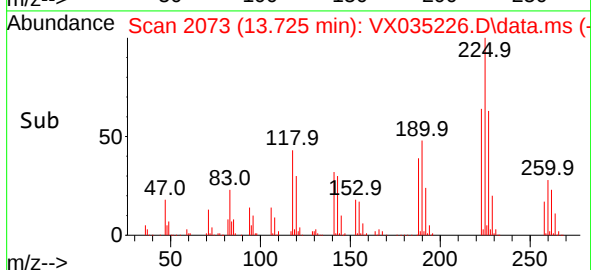
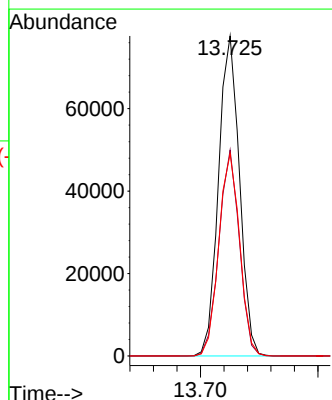
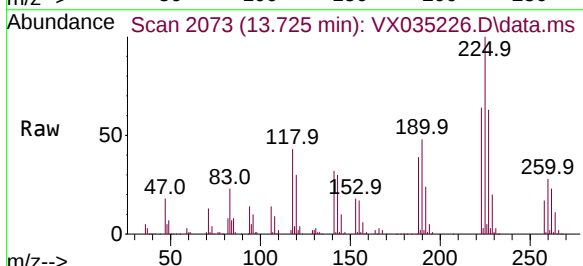
RT: 13.725 min Scan# 2073

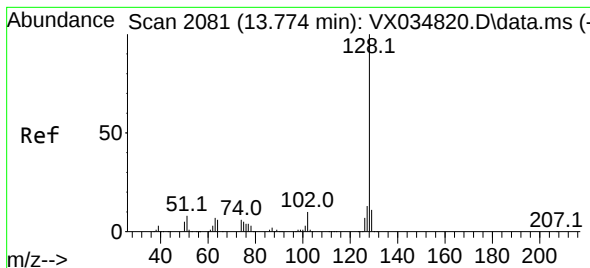
Delta R.T. 0.000 min

Lab File: VX035226.D

Acq: 21 Apr 2023 12:16

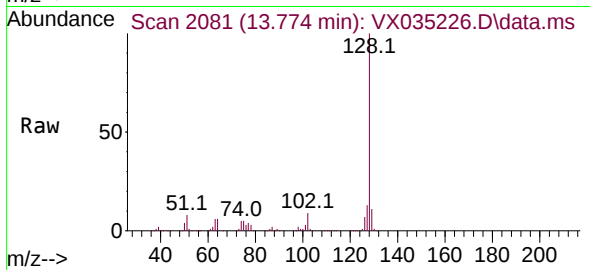
Tgt Ion:225	Resp: 96146
Ion Ratio	Lower Upper
225 100	
223 62.7	32.1 96.5
227 63.1	31.8 95.4





#95
Naphthalene
Concen: 56.956 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX035226.D
Acq: 21 Apr 2023 12:16

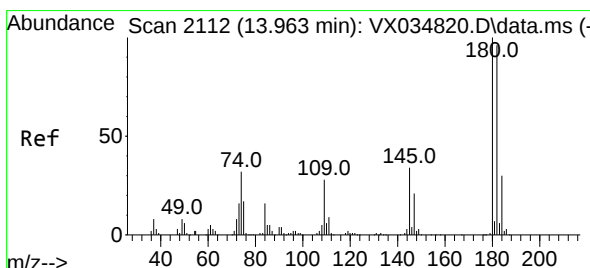
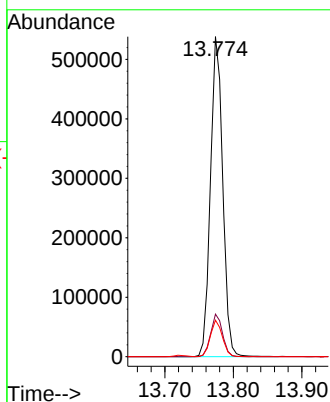
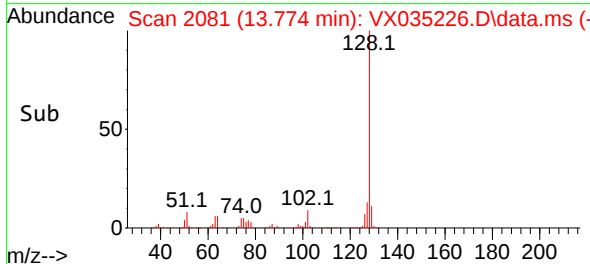
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 67149
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 11.2 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/24/2023
Supervised By :Mahesh Dadoda 04/24/2023



#96
1,2,3-Trichlorobenzene
Concen: 62.711 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX035226.D
Acq: 21 Apr 2023 12:16

Tgt Ion:180 Resp: 209836
Ion Ratio Lower Upper
180 100
182 95.8 48.0 144.2
145 34.0 17.7 53.1

