

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041323\
 Data File : VX035052.D
 Acq On : 12 Apr 2023 17:47
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/13/2023
 Supervised By : Mahesh Dadoda 04/13/2023

Quant Time: Apr 13 02:38:41 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	5.556	168	297948	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	505343	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	453329	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	218267	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	219991	48.279	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.560%		
35) Dibromofluoromethane	5.385	113	172301	51.549	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	103.100%		
50) Toluene-d8	8.653	98	627003	50.822	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	101.640%		
62) 4-Bromofluorobenzene	11.079	95	244477	51.208	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.420%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	150540	50.658	ug/l	99
3) Chloromethane	1.301	50	165712	44.538	ug/l	98
4) Vinyl Chloride	1.374	62	172320	46.775	ug/l	99
5) Bromomethane	1.618	94	99358	41.504	ug/l	98
6) Chloroethane	1.691	64	97069	40.498	ug/l	97
7) Trichlorofluoromethane	1.886	101	247827	41.845	ug/l	100
8) Diethyl Ether	2.130	74	103253	49.452	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	161168	52.064	ug/l	99
10) Methyl Iodide	2.453	142	189929	49.269	ug/l	95
11) Tert butyl alcohol	3.001	59	195582	244.635	ug/l #	94
12) 1,1-Dichloroethene	2.319	96	150751	49.285	ug/l	95
13) Acrolein	2.239	56	259798	315.674	ug/l	99
14) Allyl chloride	2.666	41	304383	50.794	ug/l	97
15) Acrylonitrile	3.068	53	498666	277.099	ug/l	99
16) Acetone	2.392	43	467610	252.615	ug/l	99
17) Carbon Disulfide	2.514	76	316671	41.337	ug/l	98
18) Methyl Acetate	2.703	43	370714	56.365	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	602857	53.233	ug/l	99
20) Methylene Chloride	2.788	84	182236	49.890	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	166715	49.975	ug/l	98
22) Diisopropyl ether	3.757	45	626380	51.804	ug/l	99
23) Vinyl Acetate	3.721	43	2299536	266.663	ug/l	99
24) 1,1-Dichloroethane	3.611	63	334481	51.414	ug/l	100
25) 2-Butanone	4.562	43	714471	265.342	ug/l	97
26) 2,2-Dichloropropane	4.477	77	262800	49.121	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	202373	51.197	ug/l	100
28) Bromochloromethane	4.897	49	156145	49.065	ug/l	96
29) Tetrahydrofuran	5.013	42	458114	271.584	ug/l	100
30) Chloroform	5.093	83	336754	50.963	ug/l	97
31) Cyclohexane	5.471	56	273353	49.266	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	291059	51.617	ug/l	98
36) 1,1-Dichloropropene	5.690	75	243044	49.081	ug/l	99
37) Ethyl Acetate	4.715	43	281461	54.359	ug/l	98
38) Carbon Tetrachloride	5.684	117	241779	51.787	ug/l	97
39) Methylcyclohexane	7.379	83	248627	47.282	ug/l	96
40) Benzene	6.037	78	717912	50.504	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	156571m	55.602	ug/l	
42) 1,2-Dichloroethane	6.086	62	279463	49.450	ug/l	100
43) Isopropyl Acetate	6.342	43	470821	54.351	ug/l	99
44) Trichloroethene	7.129	130	191433	52.756	ug/l	100
45) 1,2-Dichloropropane	7.434	63	193958	52.362	ug/l	100
46) Dibromomethane	7.580	93	129119	50.661	ug/l	97
47) Bromodichloromethane	7.824	83	247608	52.596	ug/l	95
48) Methyl methacrylate	7.696	41	235013	55.243	ug/l	98
49) 1,4-Dioxane	7.708	88	84584	964.786	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	1418300	276.642	ug/l	99
52) Toluene	8.720	92	460965	49.735	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	274486	54.198	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	302726	54.620	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	188641	53.776	ug/l	100
56) Ethyl methacrylate	9.116	69	313451	57.031	ug/l	96
57) 1,3-Dichloropropane	9.311	76	328736	52.916	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	766831	274.016	ug/l	98
59) 2-Hexanone	9.433	43	1063491	274.256	ug/l	98
60) Dibromochloromethane	9.519	129	184818	55.308	ug/l	99
61) 1,2-Dibromoethane	9.610	107	196096	53.759	ug/l	99
64) Tetrachloroethene	9.275	164	158366	48.815	ug/l	97
65) Chlorobenzene	10.079	112	490776	52.033	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	180783	55.741	ug/l	99
67) Ethyl Benzene	10.195	91	884019	51.737	ug/l	99
68) m/p-Xylenes	10.299	106	666750	102.153	ug/l	99
69) o-Xylene	10.640	106	331609	51.862	ug/l	99
70) Styrene	10.653	104	557569	54.626	ug/l	98
71) Bromoform	10.799	173	126061	57.148	ug/l #	100
73) Isopropylbenzene	10.963	105	850669	53.206	ug/l	100
74) N-amyl acetate	10.842	43	408676	56.851	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	286185	54.615	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	194944m	44.326	ug/l	
77) Bromobenzene	11.201	156	208789	52.704	ug/l	97
78) n-propylbenzene	11.305	91	947538	51.303	ug/l	100
79) 2-Chlorotoluene	11.366	91	605096	51.889	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	700309	52.388	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	79029	53.854	ug/l	95
82) 4-Chlorotoluene	11.457	91	691302	51.050	ug/l	99
83) tert-Butylbenzene	11.713	119	664066	52.901	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	704440	51.819	ug/l	100
85) sec-Butylbenzene	11.890	105	790191	51.743	ug/l	100
86) p-Isopropyltoluene	12.012	119	672880	52.841	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	386920	53.630	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	388949	51.618	ug/l	100
89) n-Butylbenzene	12.335	91	576414	51.809	ug/l	100
90) Hexachloroethane	12.542	117	103233	52.324	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	386709	53.519	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	63721	58.258	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	228119	55.820	ug/l	99
94) Hexachlorobutadiene	13.725	225	90204	50.184	ug/l	98
95) Naphthalene	13.774	128	861152	59.303	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	227881	55.295	ug/l	99

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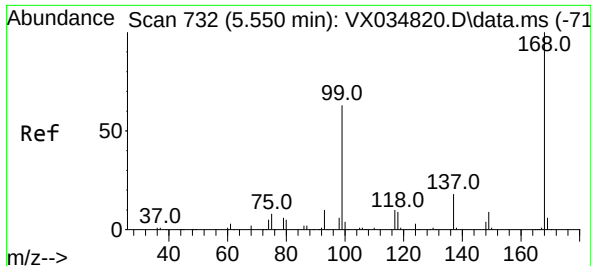
Manual Integrations
APPROVED

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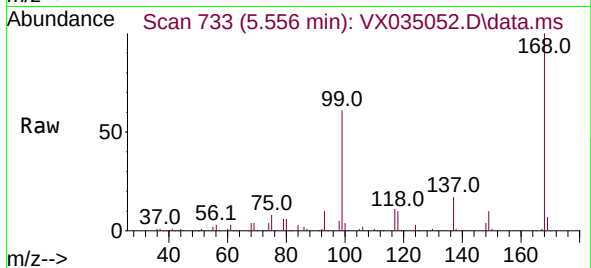
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
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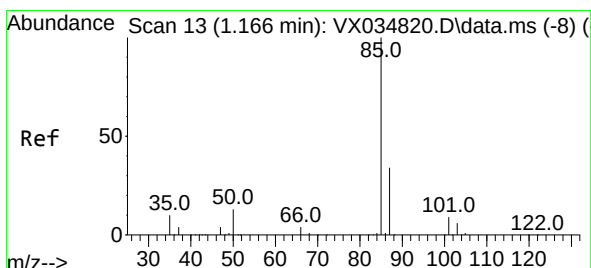
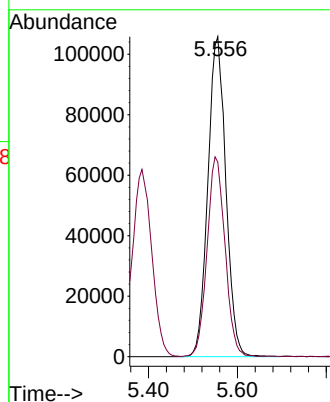
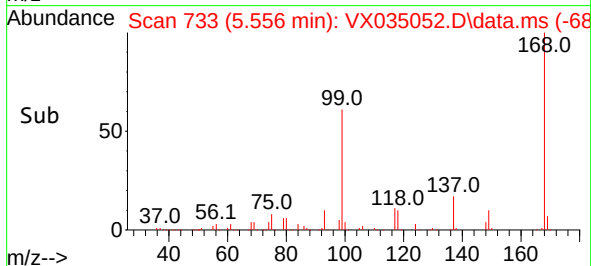
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 297948
Ion Ratio Lower Upper
168 100
99 60.7 45.7 68.5

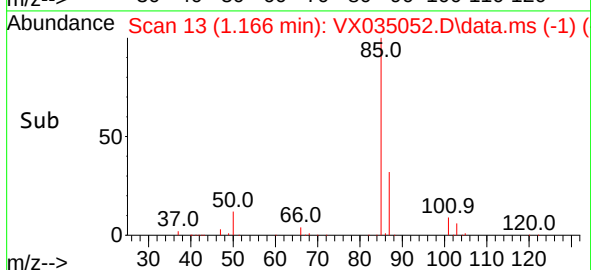
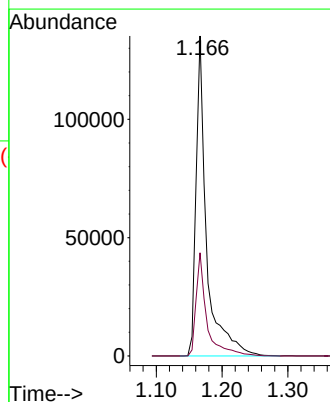
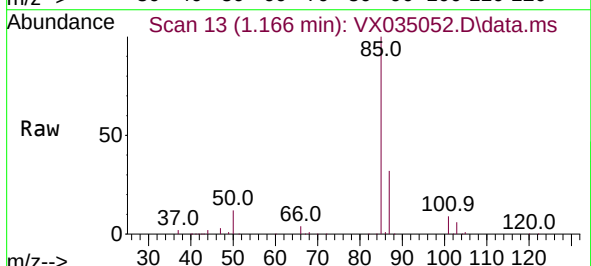
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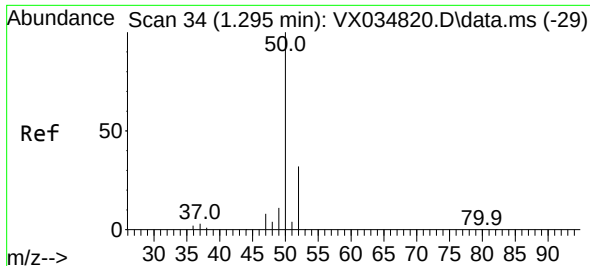
Reviewed By :John Carlone 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#2
Dichlorodifluoromethane
Concen: 50.658 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX035052.D
Acq: 12 Apr 2023 17:47

Tgt Ion: 85 Resp: 150540
Ion Ratio Lower Upper
85 100
87 32.2 16.4 49.1





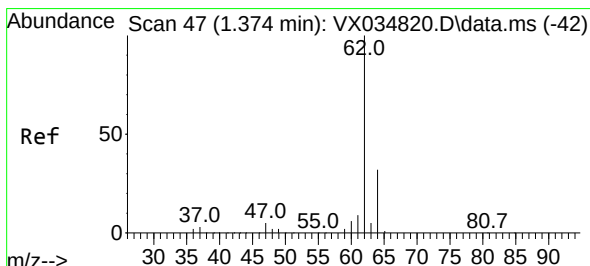
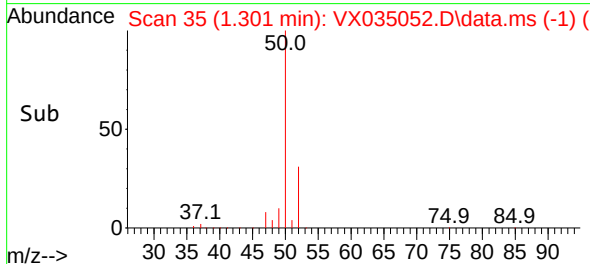
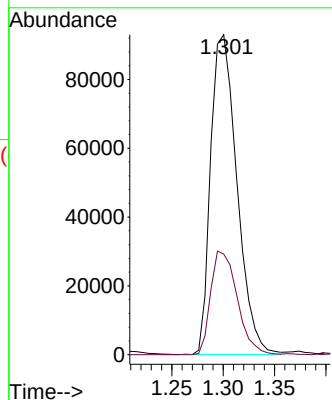
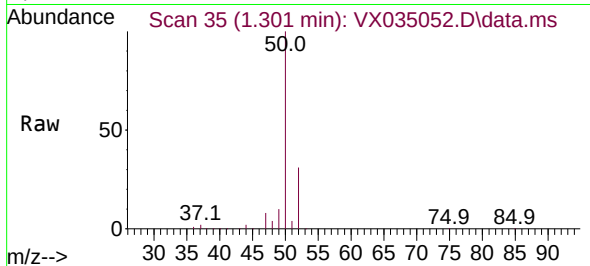
#3
Chloromethane
Concen: 44.538 ug/l
RT: 1.301 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX035052.D
Acq: 12 Apr 2023 17:47

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Tgt Ion: 50 Resp: 16571
Ion Ratio Lower Upper
50 100
52 31.5 25.9 38.9

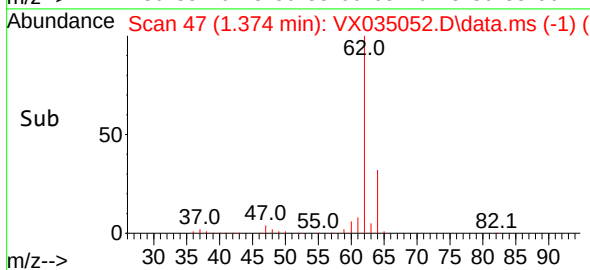
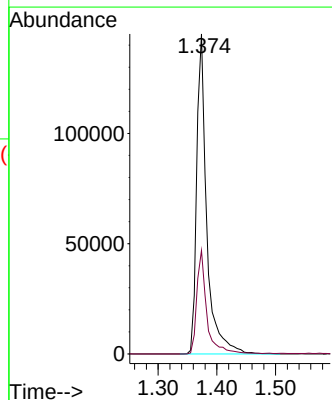
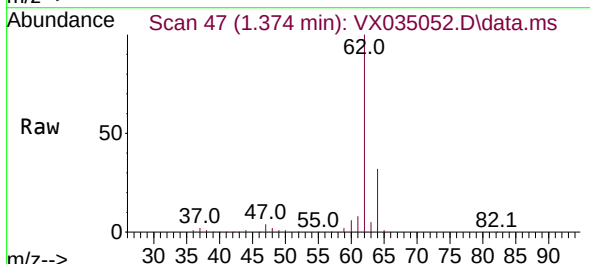
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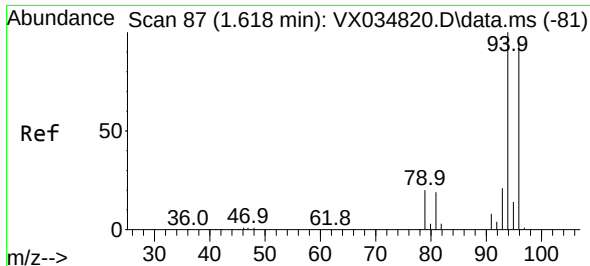
Reviewed By :John Carlone 04/13/2023
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#4
Vinyl Chloride
Concen: 46.775 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX035052.D
Acq: 12 Apr 2023 17:47

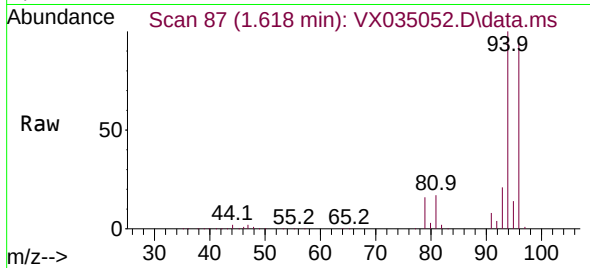
Tgt Ion: 62 Resp: 172320
Ion Ratio Lower Upper
62 100
64 32.3 26.4 39.6





#5
 Bromomethane
 Concen: 41.504 ug/l
 RT: 1.618 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VX035052.D
 Acq: 12 Apr 2023 17:47

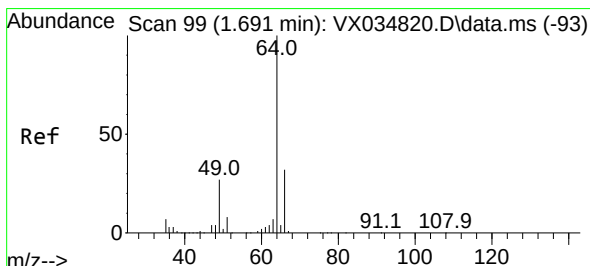
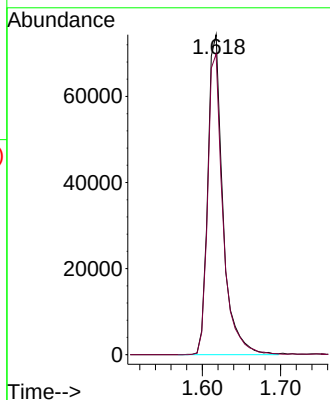
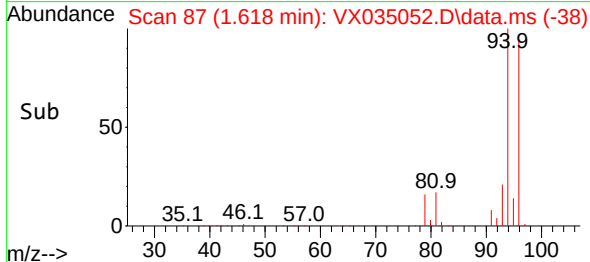
Instrument :
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Tgt Ion: 94 Resp: 99358
 Ion Ratio Lower Upper
 94 100
 96 94.0 77.0 115.6

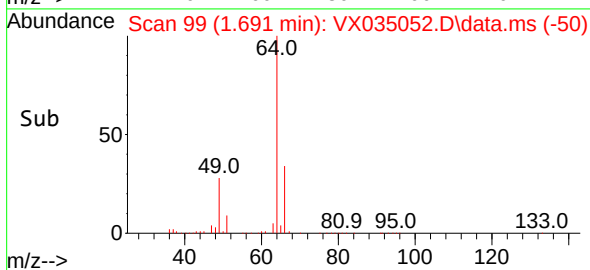
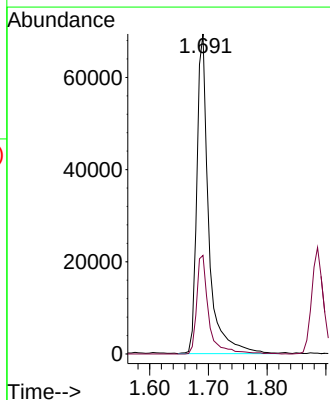
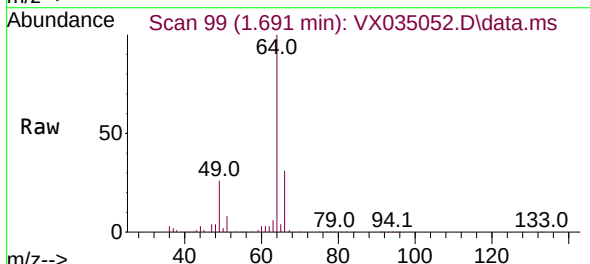
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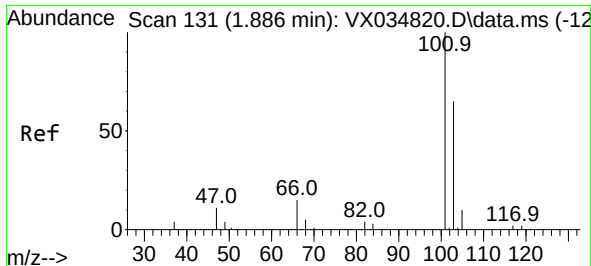
Reviewed By :John Carlone 04/13/2023
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#6
 Chloroethane
 Concen: 40.498 ug/l
 RT: 1.691 min Scan# 99
 Delta R.T. -0.000 min
 Lab File: VX035052.D
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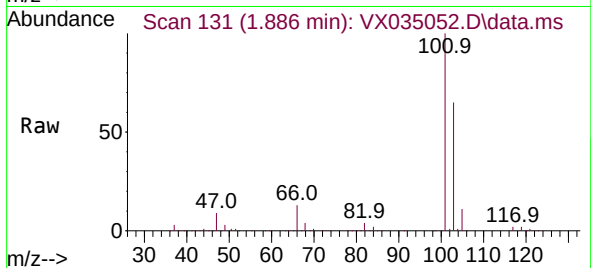
Tgt Ion: 64 Resp: 97069
 Ion Ratio Lower Upper
 64 100
 66 30.8 26.2 39.4





#7
Trichlorofluoromethane
Concen: 41.845 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035052.D
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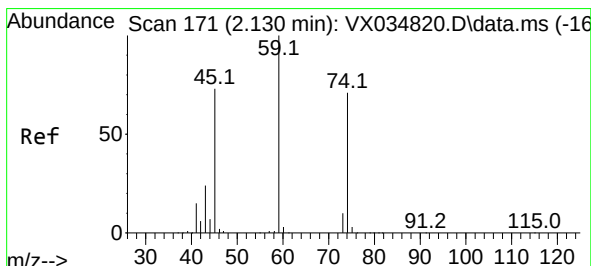
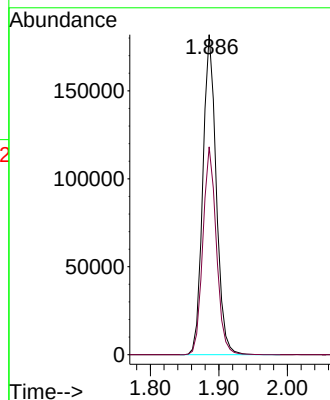
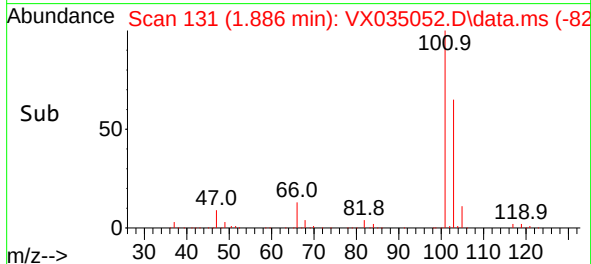
Instrument :
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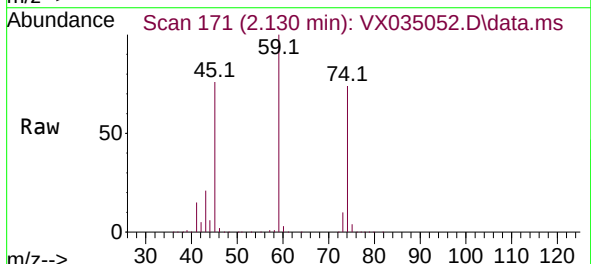
Tgt Ion:101 Resp: 24782
Ion Ratio Lower Upper
101 100
103 64.9 52.0 78.0

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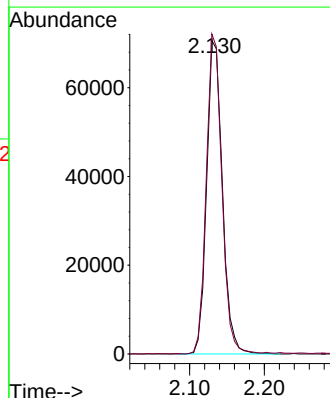
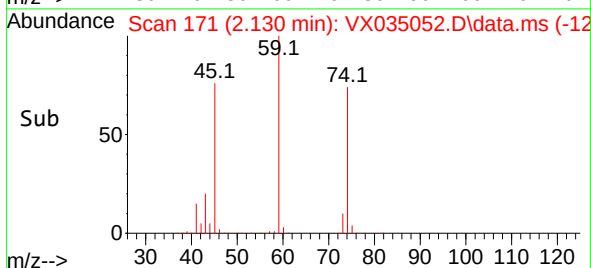
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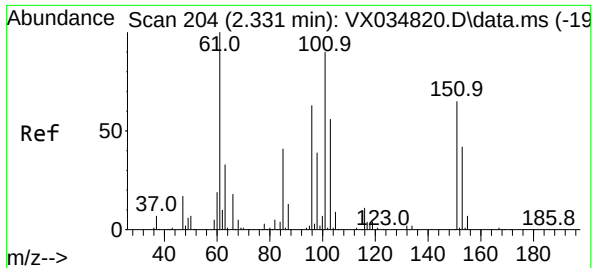


#8
Diethyl Ether
Concen: 49.452 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 103253
Ion Ratio Lower Upper
74 100
45 101.1 49.8 149.3





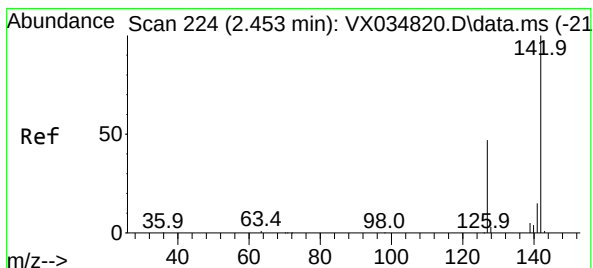
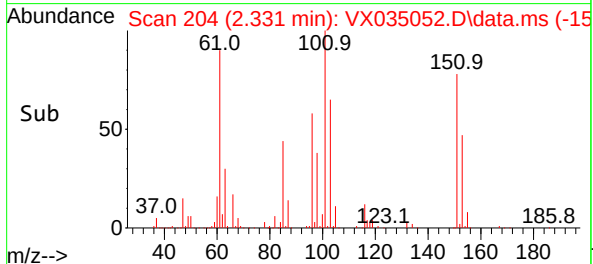
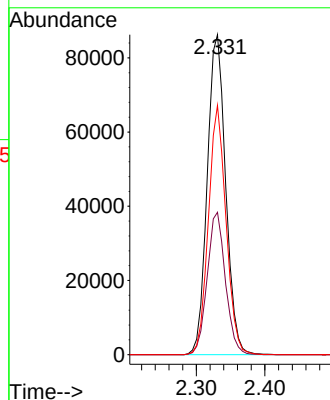
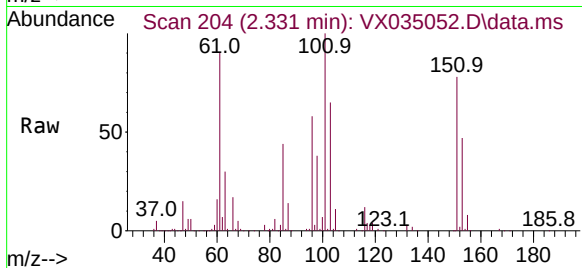
#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.064 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX035052.D
Acq: 12 Apr 2023 17:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 16116
Ion Ratio Lower Upper
101 100
85 44.0 35.4 53.2
151 74.6 60.2 90.4

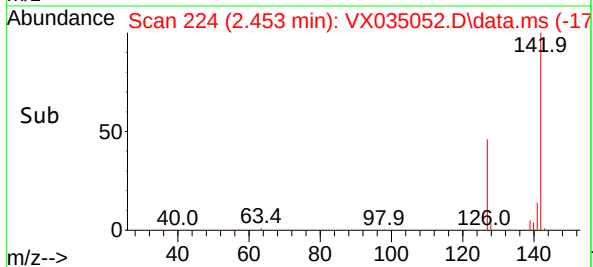
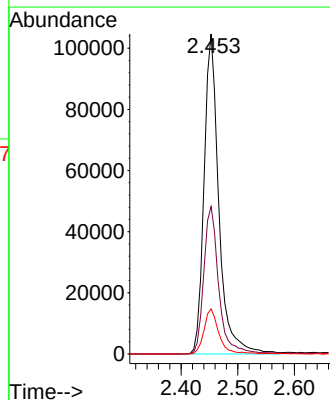
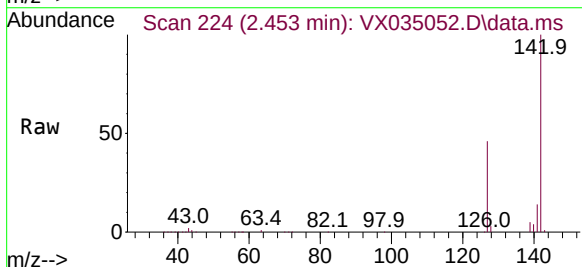
Manual Integrations
APPROVED

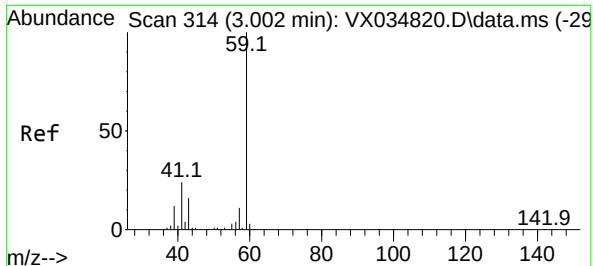
Reviewed By :John Carlone 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#10
Methyl Iodide
Concen: 49.269 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX035052.D
Acq: 12 Apr 2023 17:47

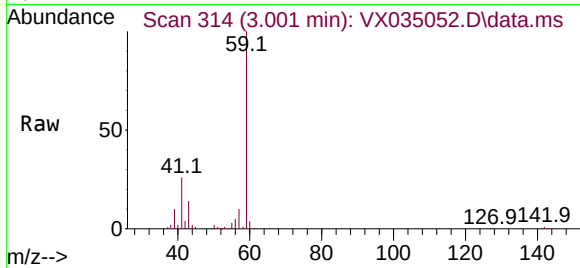
Tgt Ion:142 Resp: 189929
Ion Ratio Lower Upper
142 100
127 46.8 34.0 51.0
141 14.1 11.1 16.7





#11
Tert butyl alcohol
Concen: 244.635 ug/l
RT: 3.001 min Scan# 314
Delta R.T. -0.000 min
Lab File: VX035052.D
Acq: 12 Apr 2023 17:47

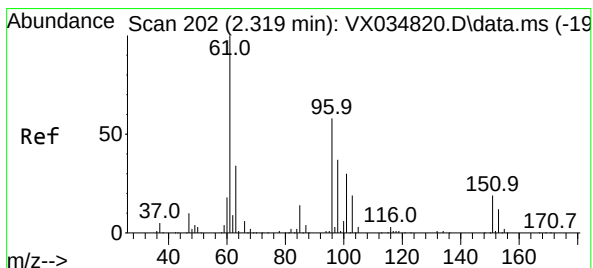
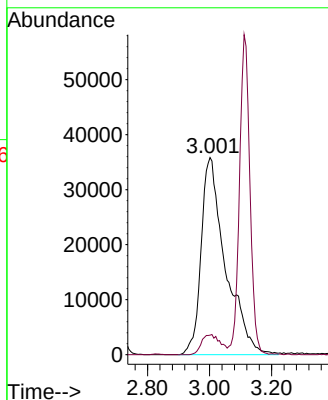
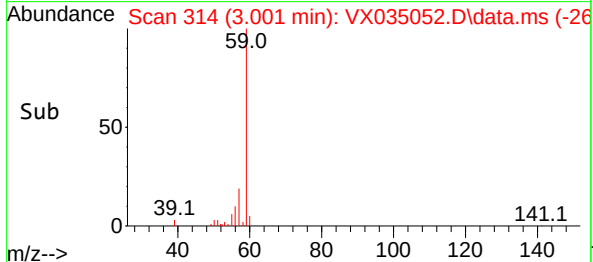
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



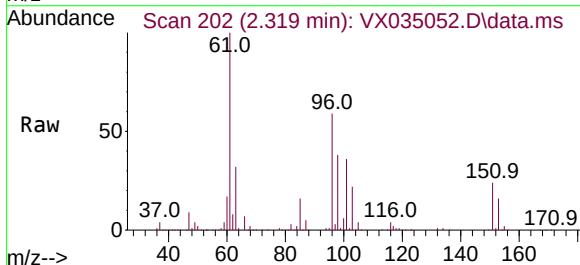
Tgt Ion: 59 Resp: 19558
Ion Ratio Lower Upper
59 100
57 7.9 8.1 12.1

Manual Integrations
APPROVED

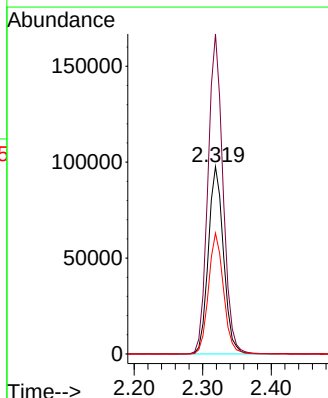
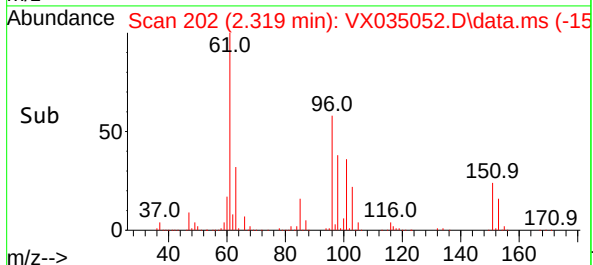
Reviewed By :John Carlone 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023

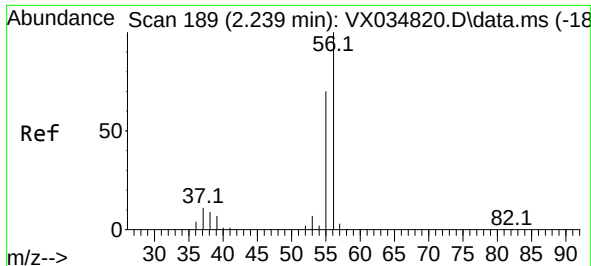


#12
1,1-Dichloroethene
Concen: 49.285 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX035052.D
Acq: 12 Apr 2023 17:47



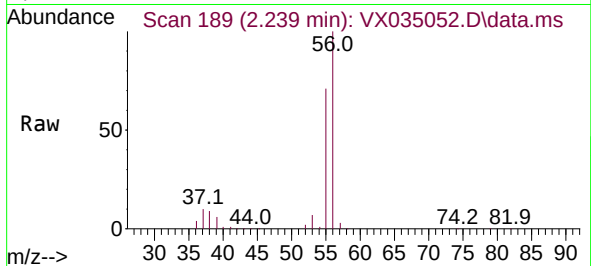
Tgt Ion: 96 Resp: 150751
Ion Ratio Lower Upper
96 100
61 170.8 128.8 193.2
98 64.5 51.4 77.0





#13
Acrolein
Concen: 315.674 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX035052.D
Acq: 12 Apr 2023 17:47

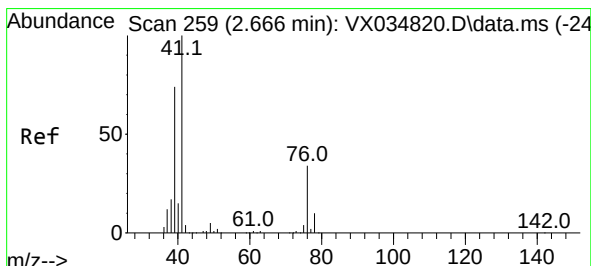
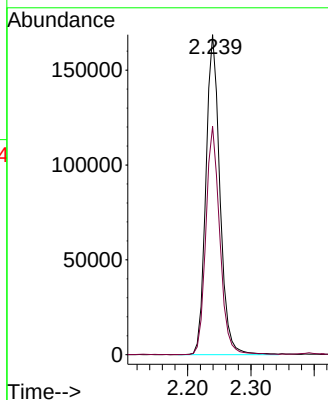
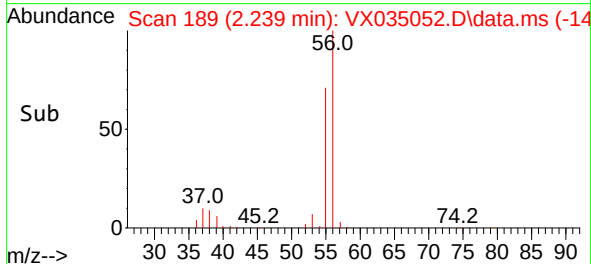
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 259798
Ion Ratio Lower Upper
56 100
55 71.2 56.6 85.0

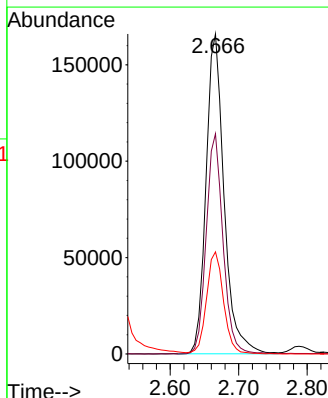
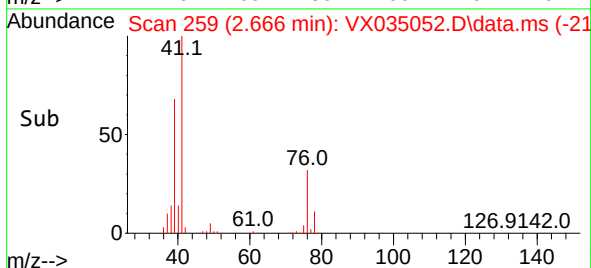
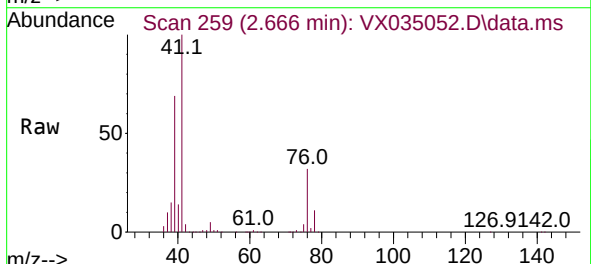
Manual Integrations
APPROVED

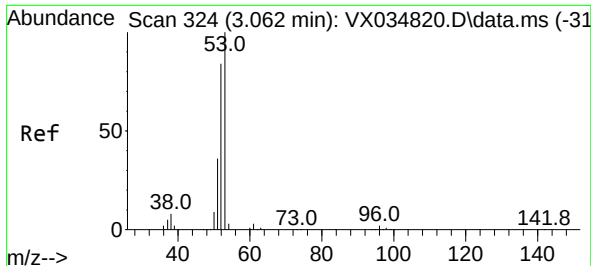
Reviewed By :John Carlone 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#14
Allyl chloride
Concen: 50.794 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX035052.D
Acq: 12 Apr 2023 17:47

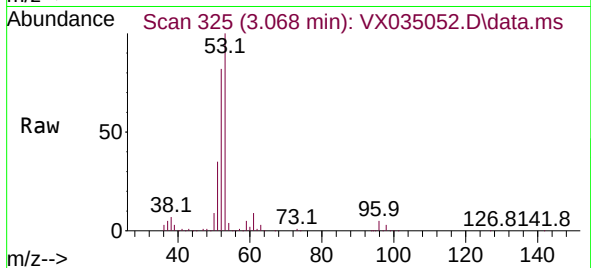
Tgt Ion: 41 Resp: 304383
Ion Ratio Lower Upper
41 100
39 64.0 52.4 78.6
76 30.2 26.0 39.0





#15
Acrylonitrile
Concen: 277.099 ug/l
RT: 3.068 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX035052.D
Acq: 12 Apr 2023 17:47

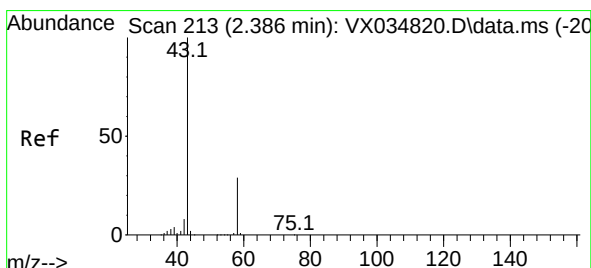
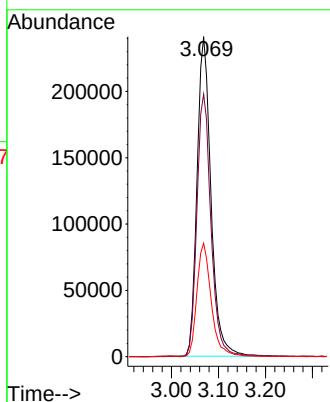
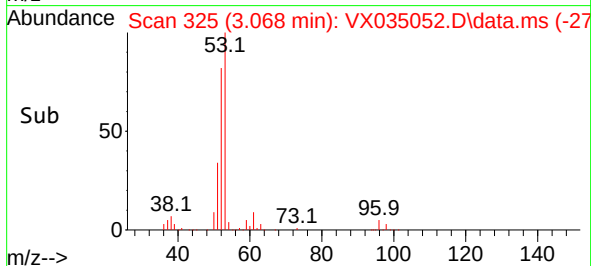
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 498660
Ion Ratio Lower Upper
53 100
52 83.2 66.2 99.2
51 36.4 28.3 42.5

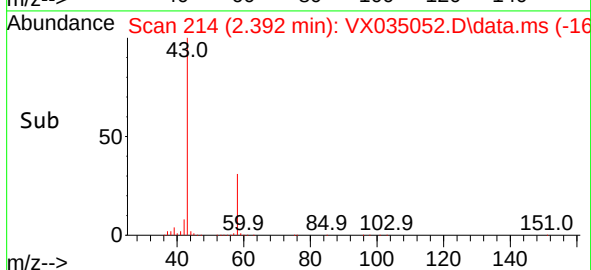
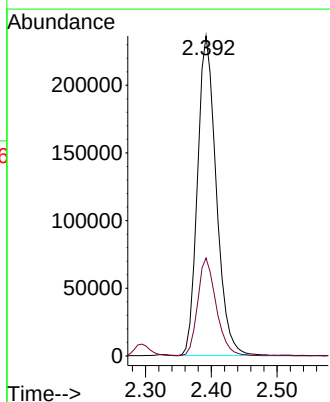
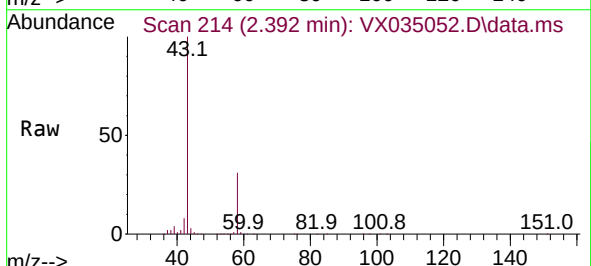
Manual Integrations
APPROVED

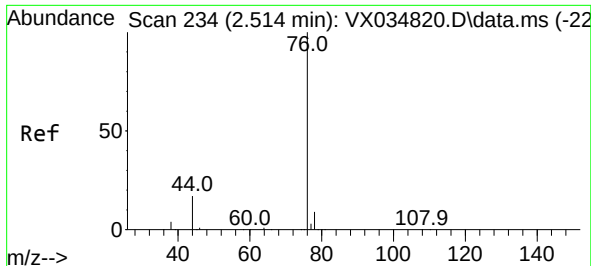
Reviewed By :John Carlone 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#16
Acetone
Concen: 252.615 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX035052.D
Acq: 12 Apr 2023 17:47

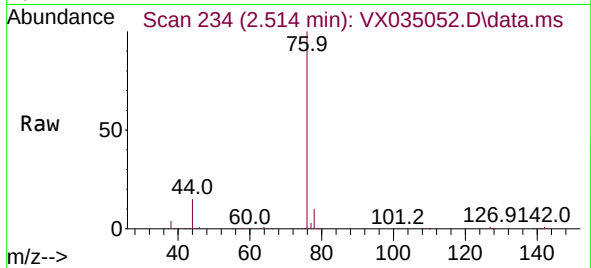
Tgt Ion: 43 Resp: 467610
Ion Ratio Lower Upper
43 100
58 30.5 24.7 37.1





#17
Carbon Disulfide
Concen: 41.337 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX035052.D
Acq: 12 Apr 2023 17:47

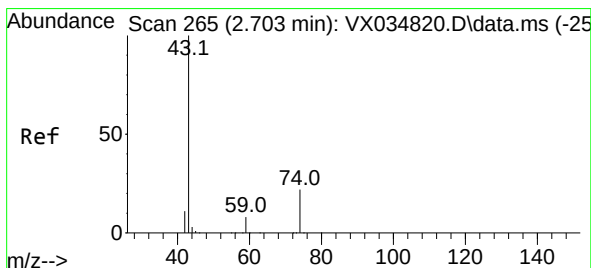
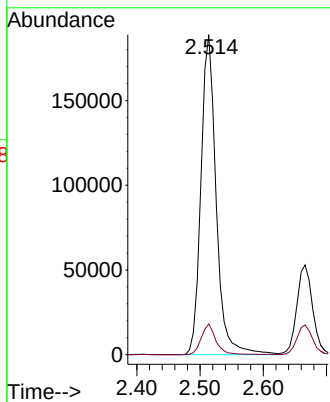
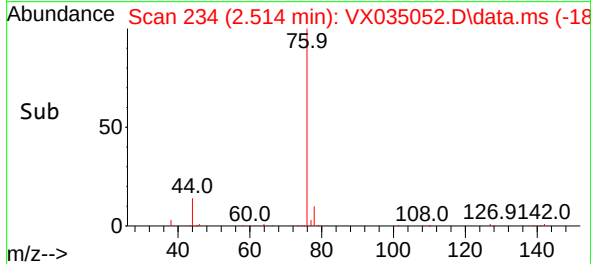
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



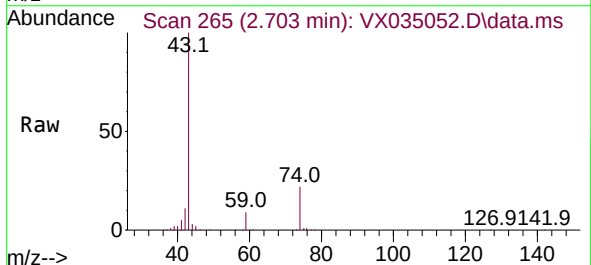
Tgt Ion: 76 Resp: 31667
Ion Ratio Lower Upper
76 100
78 9.6 7.2 10.8

Manual Integrations
APPROVED

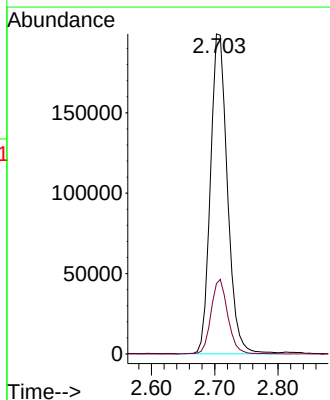
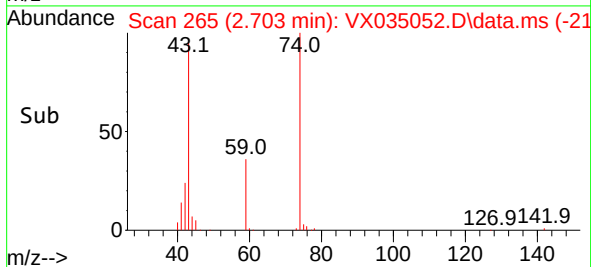
Reviewed By :John Carlone 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023

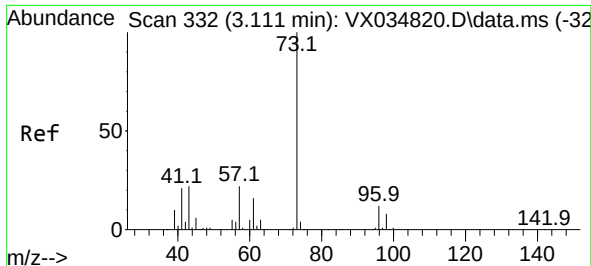


#18
Methyl Acetate
Concen: 56.365 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX035052.D
Acq: 12 Apr 2023 17:47



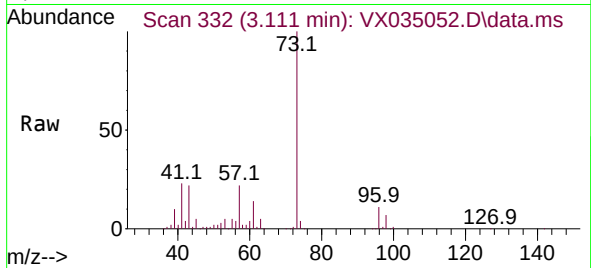
Tgt Ion: 43 Resp: 370714
Ion Ratio Lower Upper
43 100
74 23.0 18.3 27.5





#19
Methyl tert-butyl Ether
Concen: 53.233 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX035052.D
Acq: 12 Apr 2023 17:47

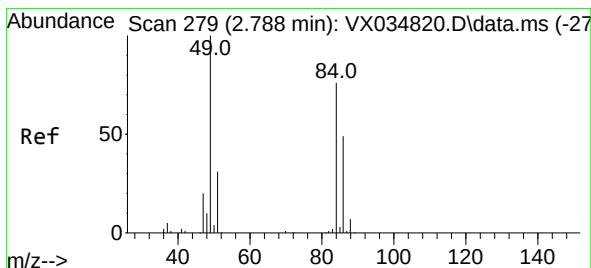
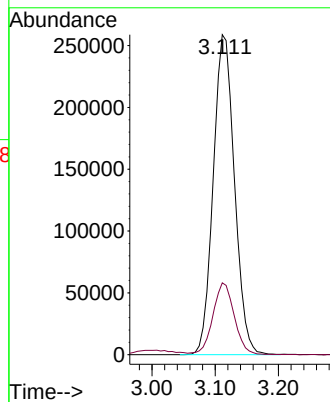
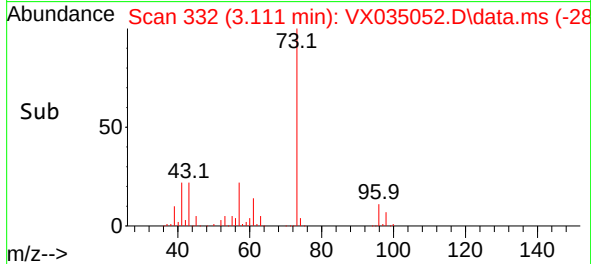
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 60285
Ion Ratio Lower Upper
73 100
57 22.4 18.5 27.7

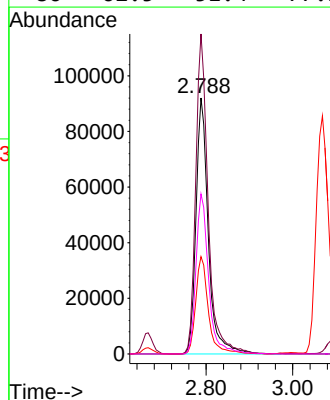
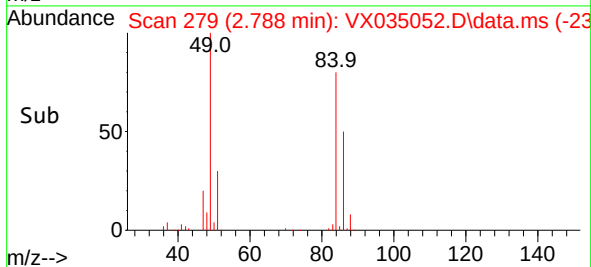
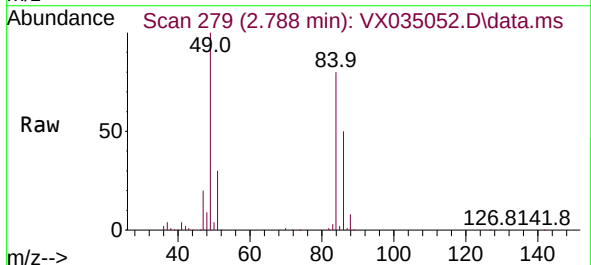
Manual Integrations
APPROVED

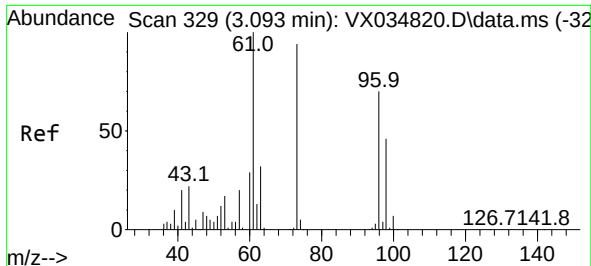
Reviewed By :John Carlone 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#20
Methylene Chloride
Concen: 49.890 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX035052.D
Acq: 12 Apr 2023 17:47

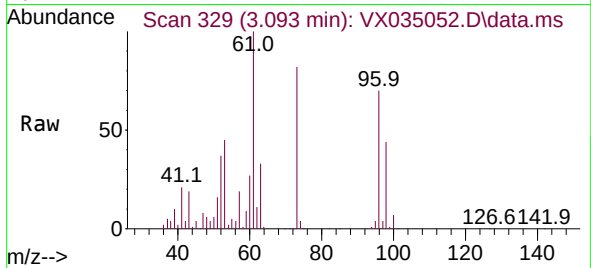
Tgt Ion: 84 Resp: 182236
Ion Ratio Lower Upper
84 100
49 125.0 103.8 155.8
51 38.0 31.8 47.8
86 62.5 51.4 77.2





#21
trans-1,2-Dichloroethene
Concen: 49.975 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX035052.D
Acq: 12 Apr 2023 17:47

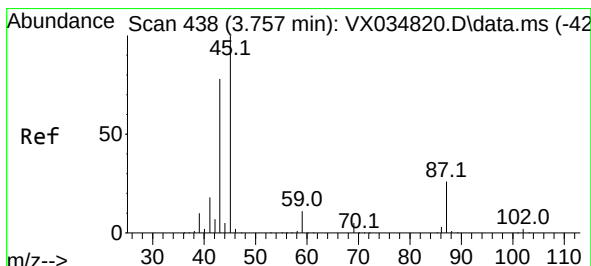
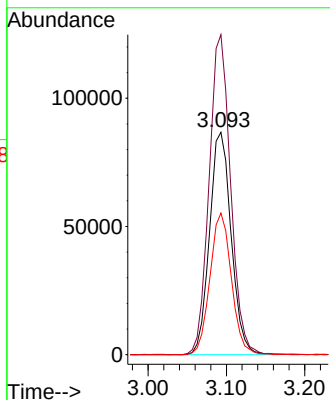
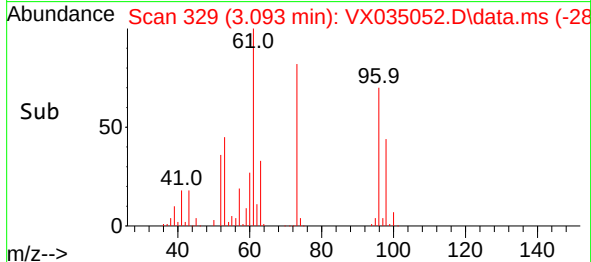
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 166715
Ion Ratio Lower Upper
96 100
61 143.8 113.0 169.6
98 63.6 52.1 78.1

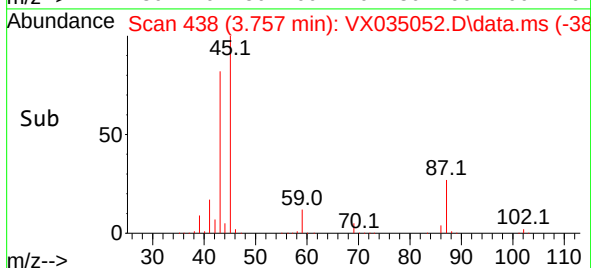
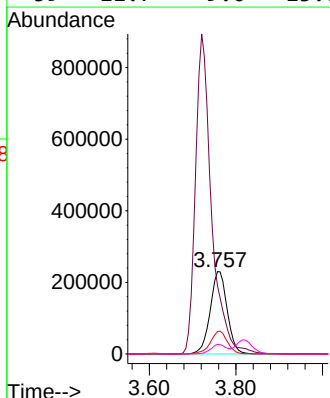
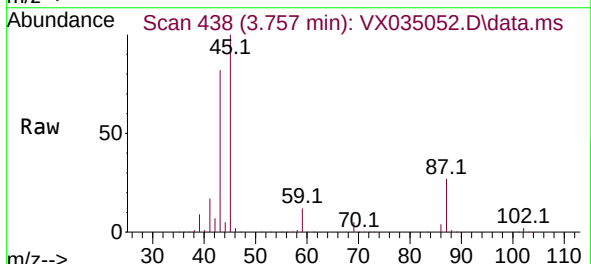
Manual Integrations
APPROVED

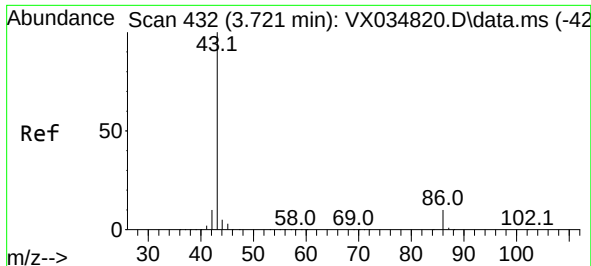
Reviewed By :John Carlone 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#22
Diisopropyl ether
Concen: 51.804 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX035052.D
Acq: 12 Apr 2023 17:47

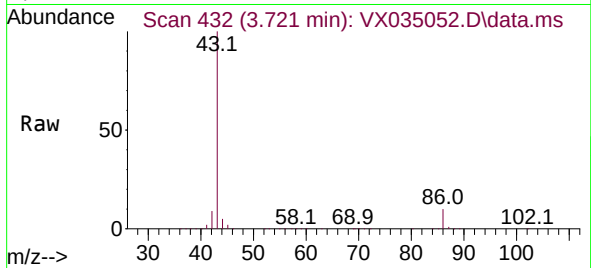
Tgt Ion: 45 Resp: 626380
Ion Ratio Lower Upper
45 100
43 82.1 65.4 98.2
87 27.3 20.6 31.0
59 11.7 9.0 13.6





#23
 Vinyl Acetate
 Concen: 266.663 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX035052.D
 Acq: 12 Apr 2023 17:47

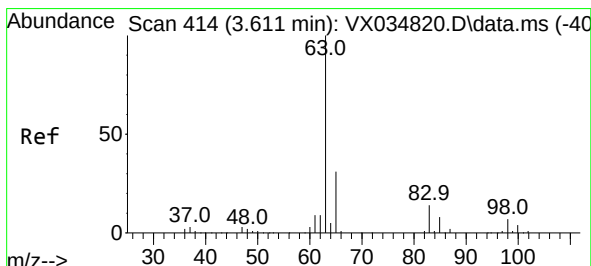
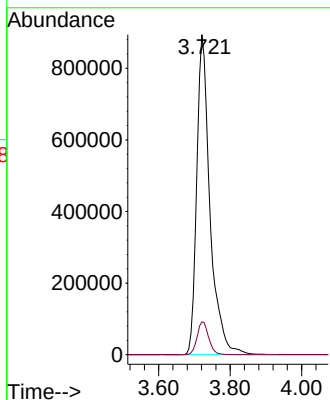
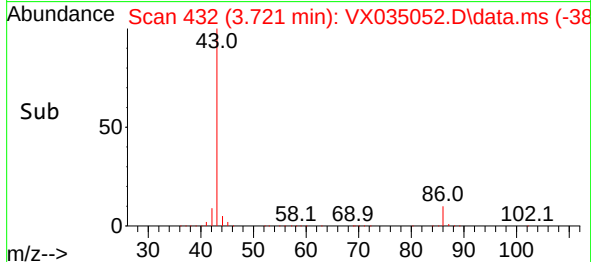
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



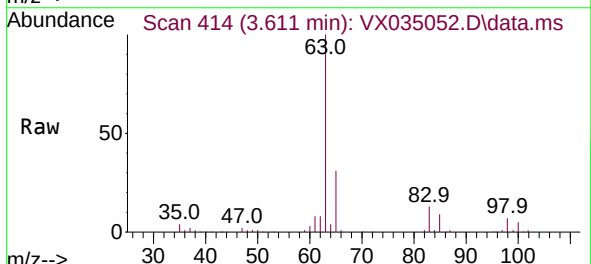
Tgt Ion: 43 Resp: 2299530
 Ion Ratio Lower Upper
 43 100
 86 10.2 8.5 12.7

Manual Integrations
 APPROVED

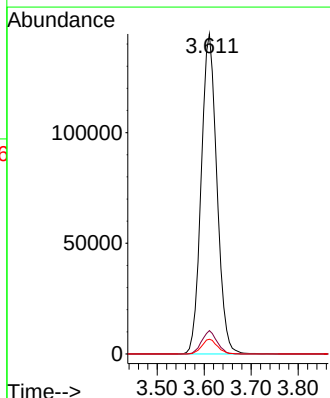
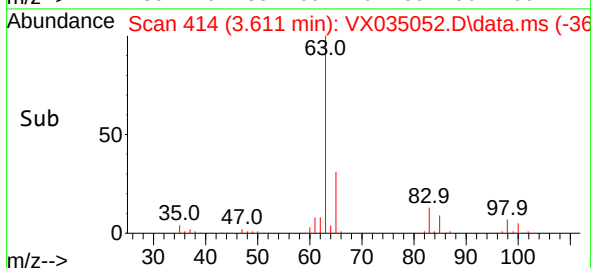
Reviewed By :John Carlone 04/13/2023
 Supervised By :Mahesh Dadoda 04/13/2023

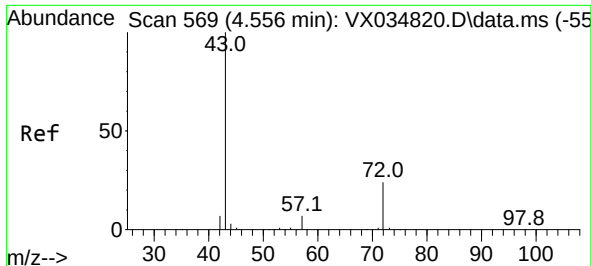


#24
 1,1-Dichloroethane
 Concen: 51.414 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. -0.000 min
 Lab File: VX035052.D
 Acq: 12 Apr 2023 17:47



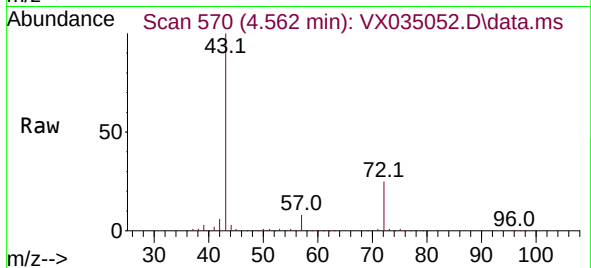
Tgt Ion: 63 Resp: 334481
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.8 11.2
 100 4.6 2.4 7.1





#25
2-Butanone
Concen: 265.342 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX035052.D
Acq: 12 Apr 2023 17:47

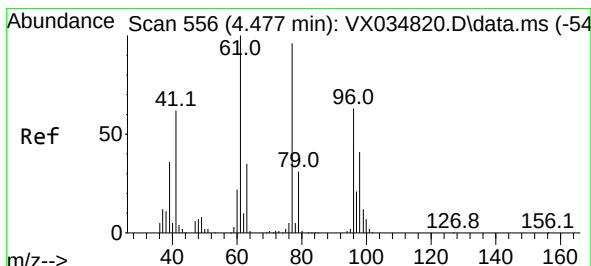
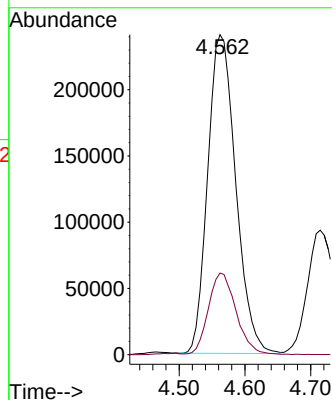
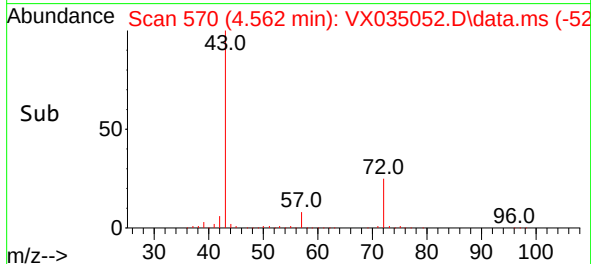
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 71447
Ion Ratio Lower Upper
43 100
72 25.5 19.3 28.9

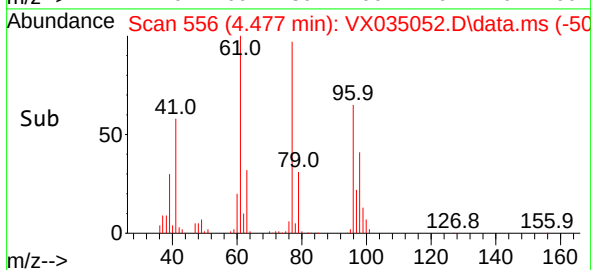
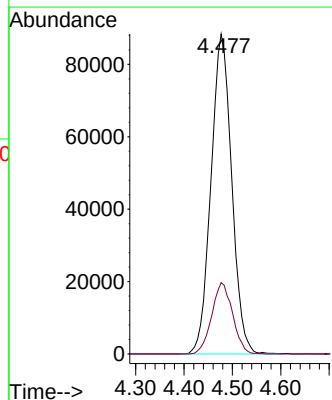
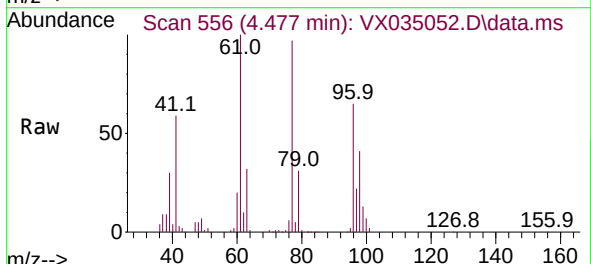
Manual Integrations
APPROVED

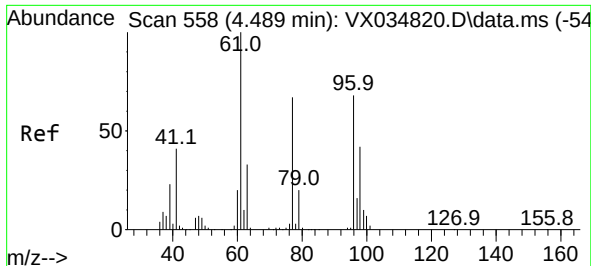
Reviewed By :John Carlone 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#26
2,2-Dichloropropane
Concen: 49.121 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.000 min
Lab File: VX035052.D
Acq: 12 Apr 2023 17:47

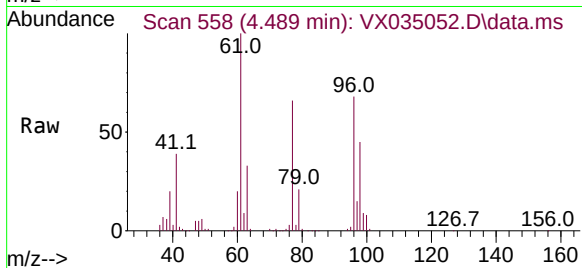
Tgt Ion: 77 Resp: 262800
Ion Ratio Lower Upper
77 100
97 22.5 11.4 34.1





#27
cis-1,2-Dichloroethene
Concen: 51.197 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.000 min
Lab File: VX035052.D
Acq: 12 Apr 2023 17:47

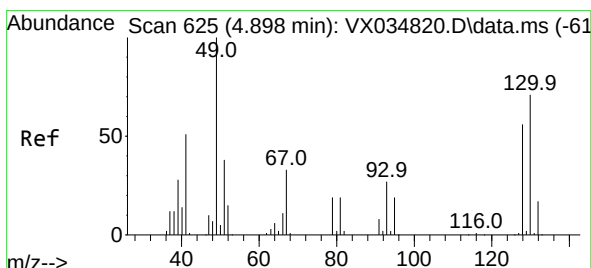
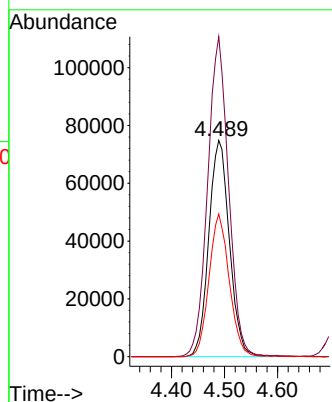
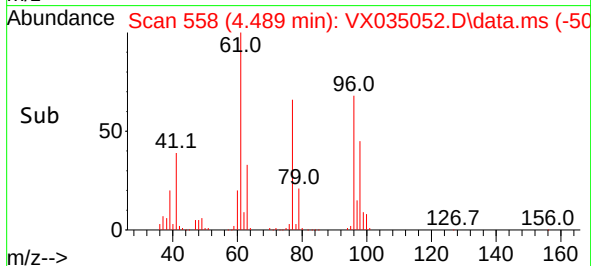
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 20237
Ion Ratio Lower Upper
96 100
61 150.2 0.0 300.4
98 64.9 0.0 129.0

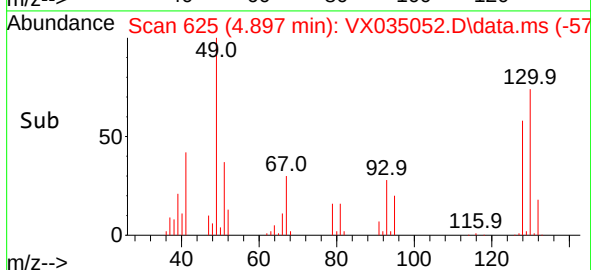
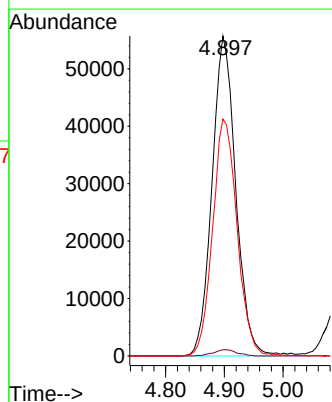
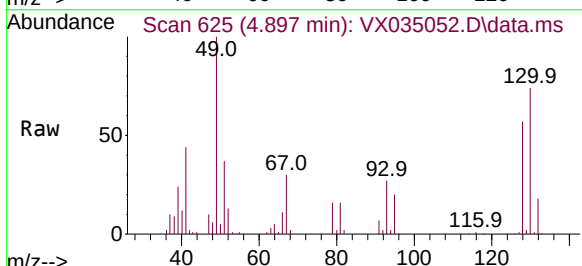
Manual Integrations
APPROVED

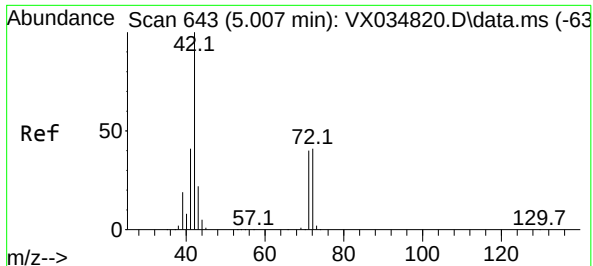
Reviewed By :John Carlone 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#28
Bromochloromethane
Concen: 49.065 ug/l
RT: 4.897 min Scan# 625
Delta R.T. -0.000 min
Lab File: VX035052.D
Acq: 12 Apr 2023 17:47

Tgt Ion: 49 Resp: 156145
Ion Ratio Lower Upper
49 100
129 1.9 0.0 4.0
130 76.4 58.2 87.2





#29

Tetrahydrofuran

Concen: 271.584 ug/l

RT: 5.013 min Scan# 64

Delta R.T. 0.006 min

Lab File: VX035052.D

Acq: 12 Apr 2023 17:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 458114

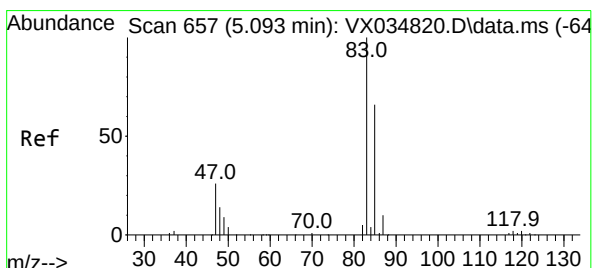
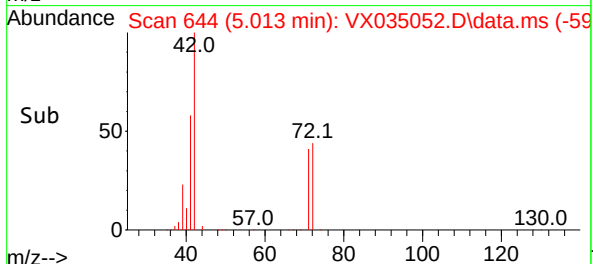
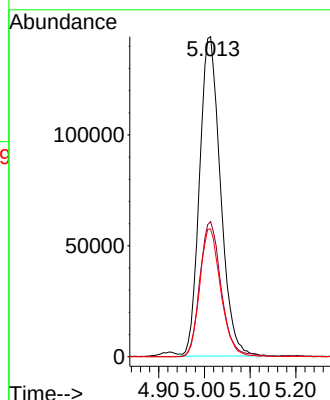
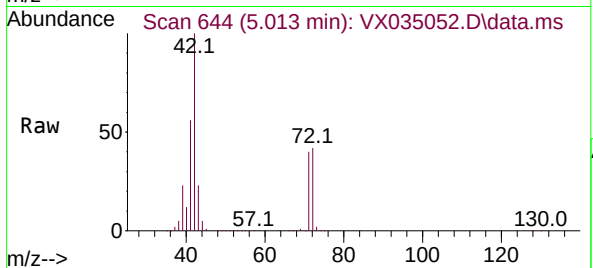
Ion	Ratio	Lower	Upper
42	100		
72	43.1	34.5	51.7
71	40.0	32.1	48.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/13/2023

Supervised By :Mahesh Dadoda 04/13/2023



#30

Chloroform

Concen: 50.963 ug/l

RT: 5.093 min Scan# 657

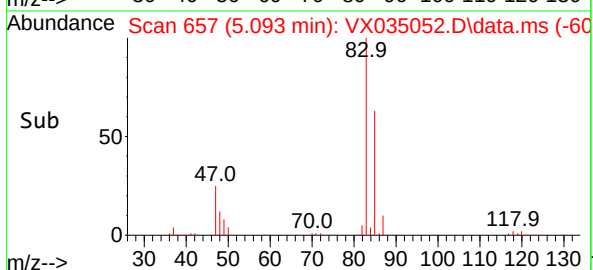
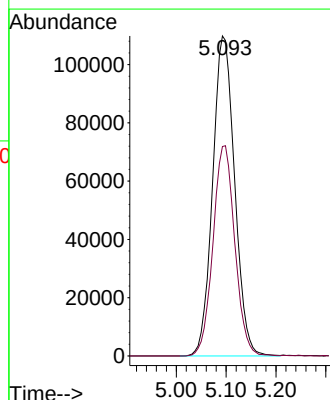
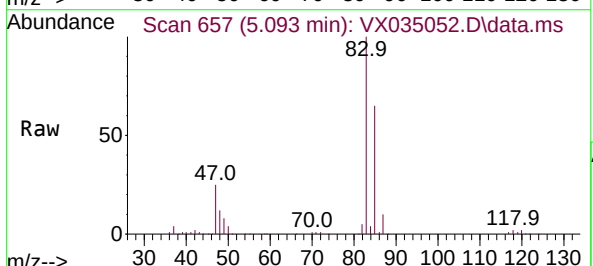
Delta R.T. -0.000 min

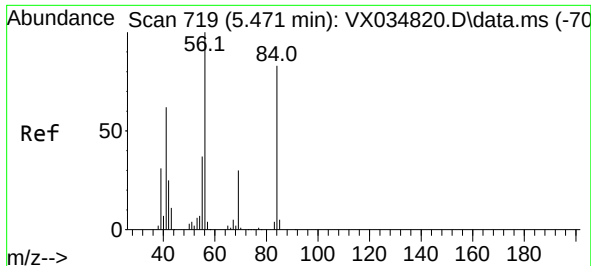
Lab File: VX035052.D

Acq: 12 Apr 2023 17:47

Tgt Ion: 83 Resp: 336754

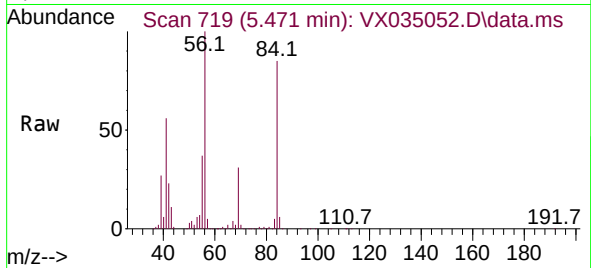
Ion	Ratio	Lower	Upper
83	100		
85	65.4	50.6	76.0





#31
Cyclohexane
Concen: 49.266 ug/l
RT: 5.471 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX035052.D
Acq: 12 Apr 2023 17:47

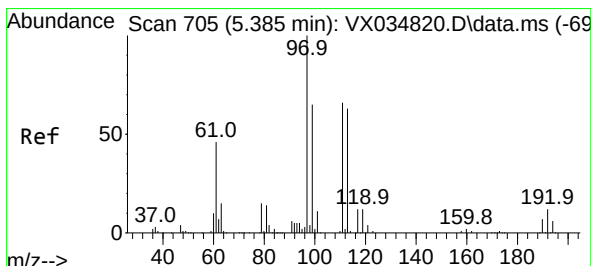
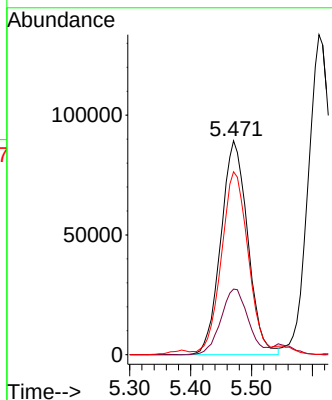
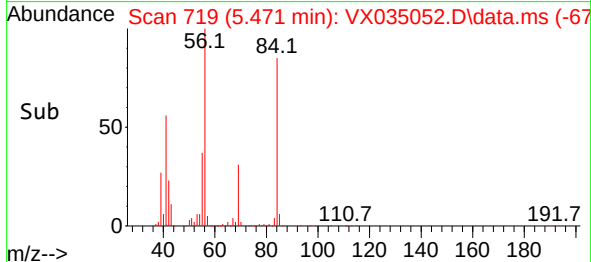
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



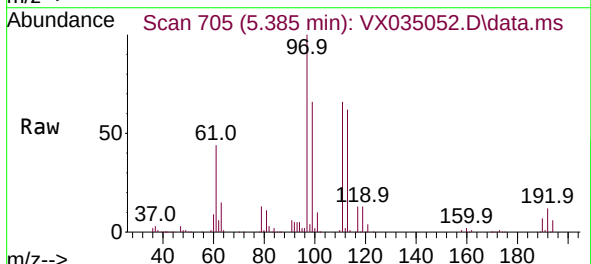
Tgt Ion: 56 Resp: 27335
Ion Ratio Lower Upper
56 100
69 30.7 23.7 35.5
84 83.8 68.5 102.7

Manual Integrations
APPROVED

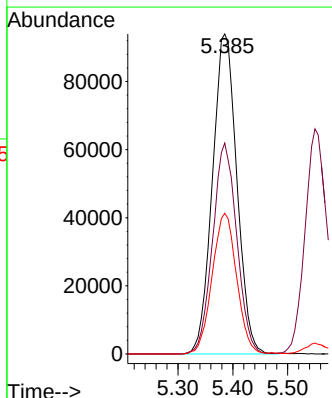
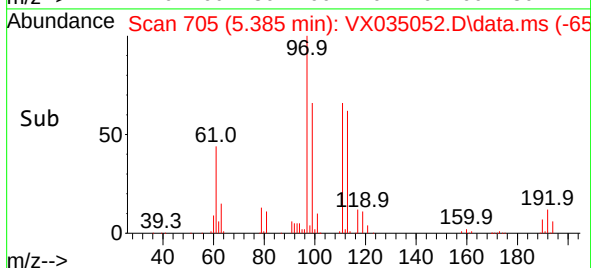
Reviewed By :John Carlone 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023

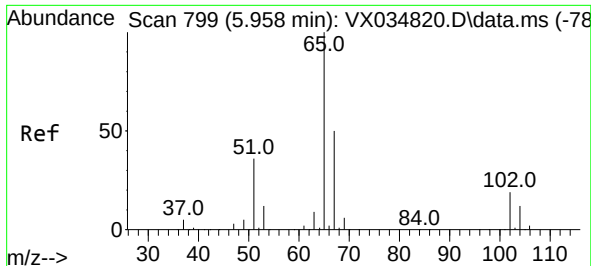


#32
1,1,1-Trichloroethane
Concen: 51.617 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX035052.D
Acq: 12 Apr 2023 17:47



Tgt Ion: 97 Resp: 291059
Ion Ratio Lower Upper
97 100
99 65.1 51.1 76.7
61 44.0 36.5 54.7





#33
 1,2-Dichloroethane-d4
 Concen: 48.279 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. -0.000 min
 Lab File: VX035052.D
 Acq: 12 Apr 2023 17:47

Instrument :

MSVOA_X

ClientSampleId :

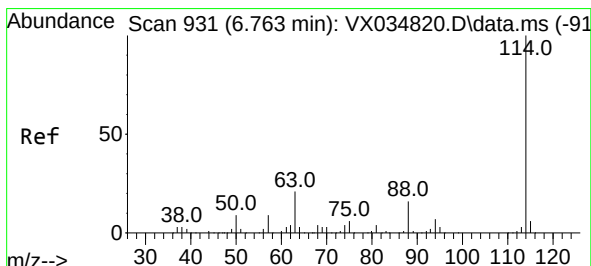
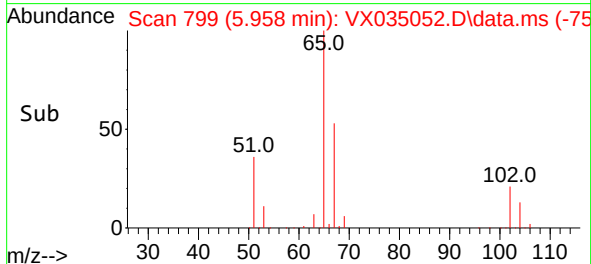
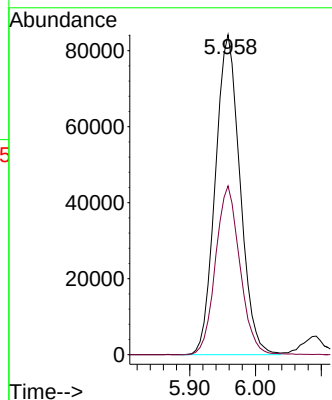
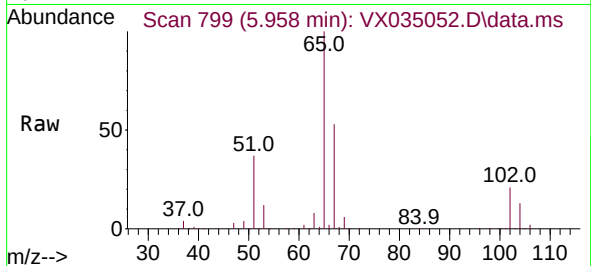
VSTDCCC050EC

Tgt Ion: 65 Resp: 21999
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 104.0

Manual Integrations

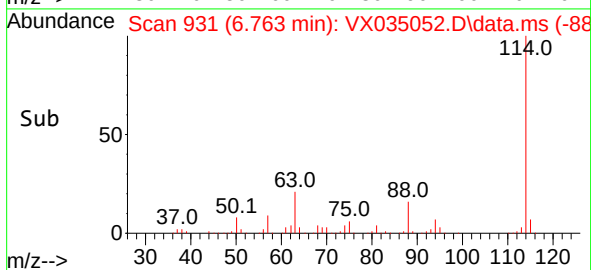
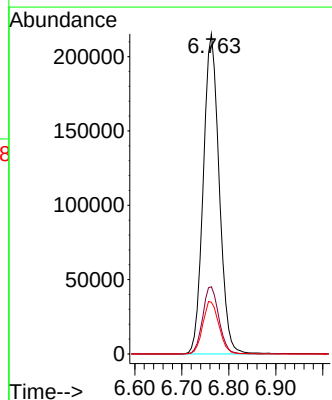
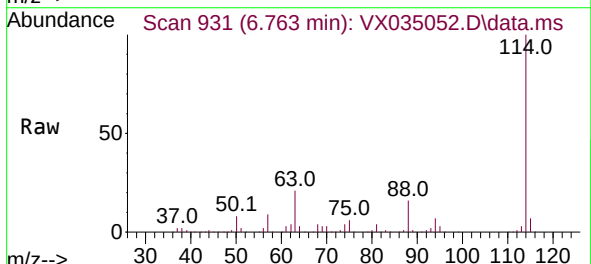
APPROVED

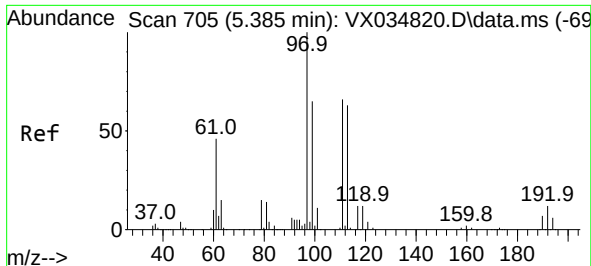
Reviewed By :John Carlone 04/13/2023
 Supervised By :Mahesh Dadoda 04/13/2023



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX035052.D
 Acq: 12 Apr 2023 17:47

Tgt Ion:114 Resp: 505343
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 42.2
 88 16.2 0.0 33.2





#35

Dibromofluoromethane

Concen: 51.549 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX035052.D

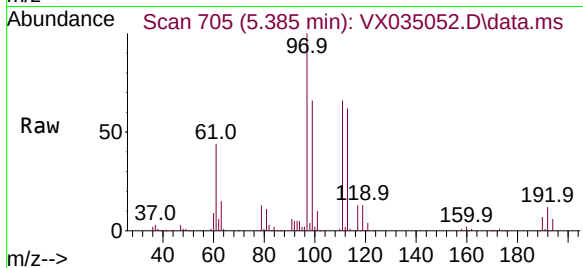
Acq: 12 Apr 2023 17:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 113 Resp: 17230

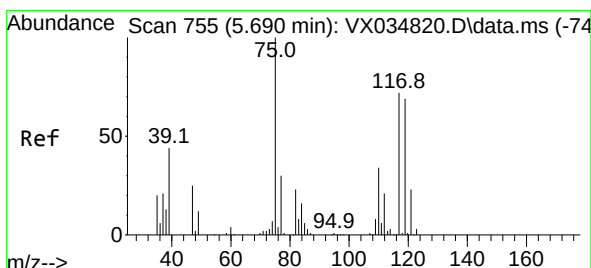
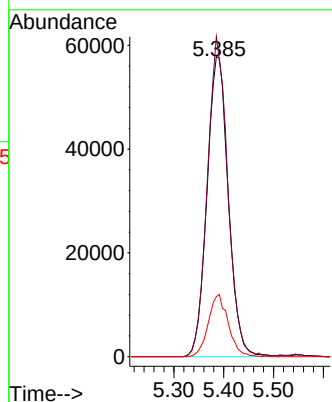
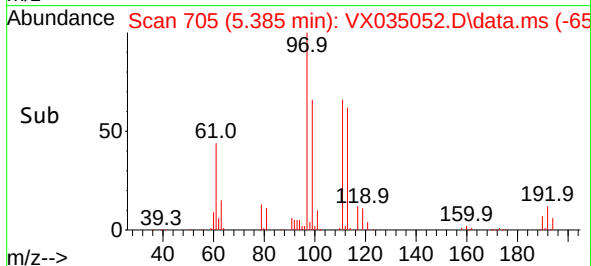
Ion	Ratio	Lower	Upper
113	100		
111	101.8	83.7	125.5
192	19.3	15.4	23.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/13/2023

Supervised By :Mahesh Dadoda 04/13/2023



#36

1,1-Dichloropropene

Concen: 49.081 ug/l

RT: 5.690 min Scan# 755

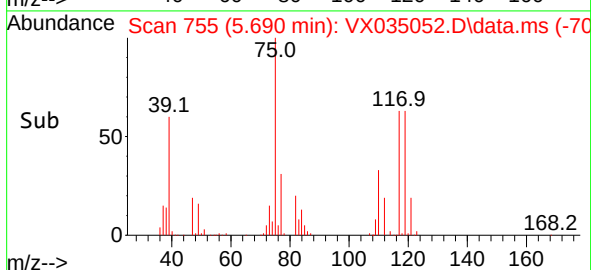
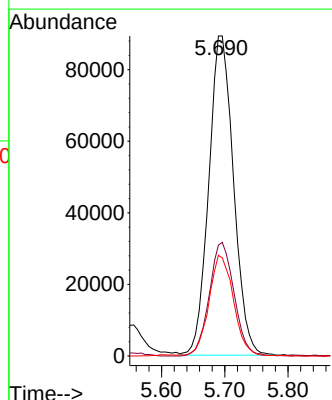
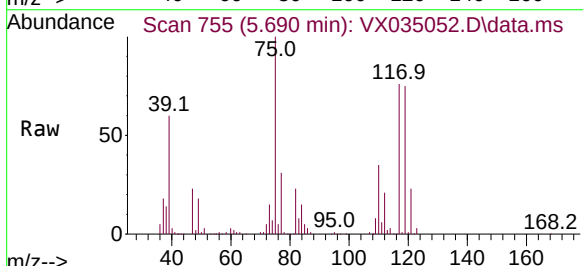
Delta R.T. -0.000 min

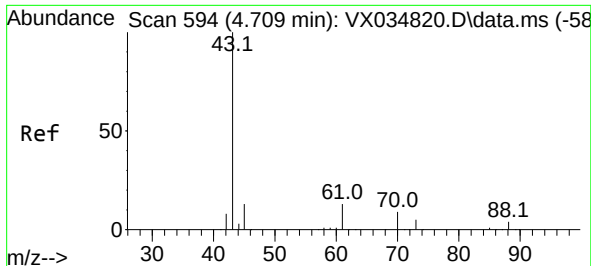
Lab File: VX035052.D

Acq: 12 Apr 2023 17:47

Tgt Ion: 75 Resp: 243044

Ion	Ratio	Lower	Upper
75	100		
110	35.6	17.5	52.5
77	31.4	24.3	36.5





#37

Ethyl Acetate

Concen: 54.359 ug/l

RT: 4.715 min Scan# 594

Delta R.T. 0.006 min

Lab File: VX035052.D

Acq: 12 Apr 2023 17:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 28146

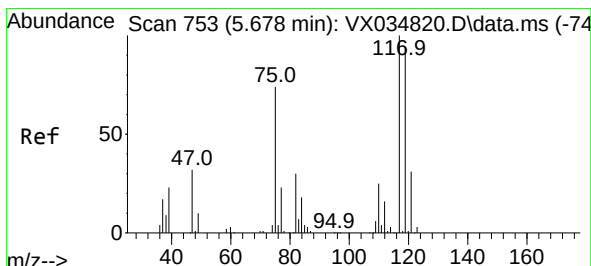
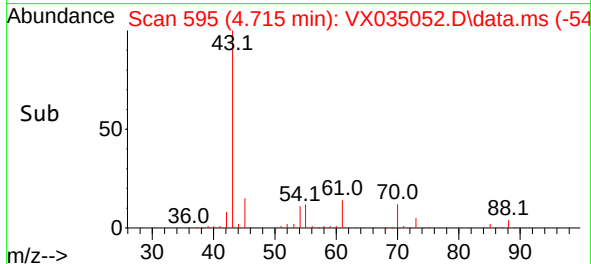
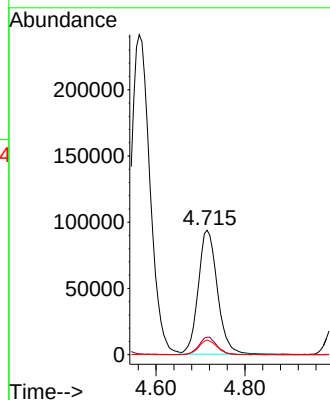
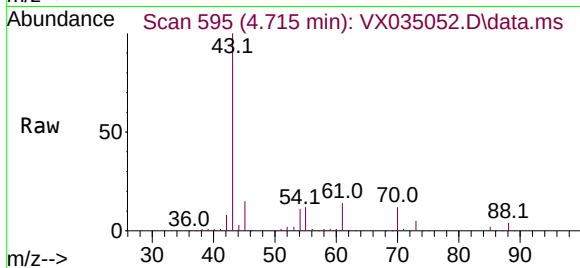
Ion	Ratio	Lower	Upper
43	100		
61	13.3	10.2	15.4
70	11.2	8.2	12.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/13/2023

Supervised By :Mahesh Dadoda 04/13/2023



#38

Carbon Tetrachloride

Concen: 51.787 ug/l

RT: 5.684 min Scan# 754

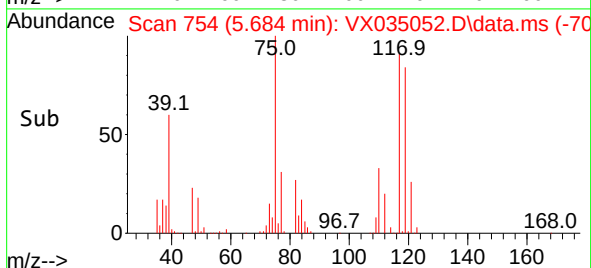
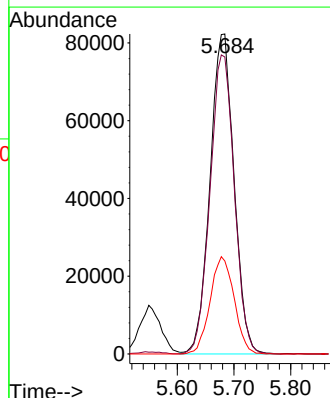
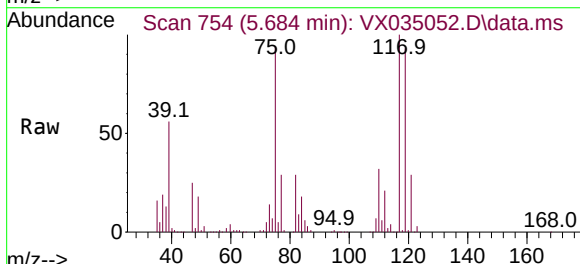
Delta R.T. 0.006 min

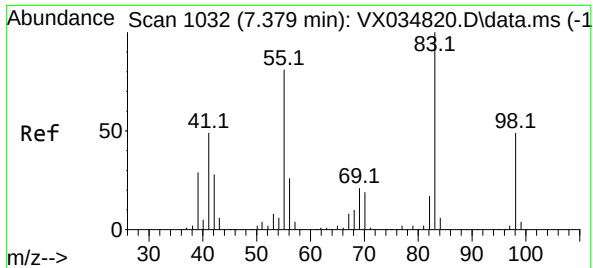
Lab File: VX035052.D

Acq: 12 Apr 2023 17:47

Tgt Ion:117 Resp: 241779

Ion	Ratio	Lower	Upper
117	100		
119	92.8	76.6	114.8
121	29.1	23.8	35.6





#39

Methylcyclohexane

Concen: 47.282 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX035052.D

Acq: 12 Apr 2023 17:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 24862

Ion Ratio Lower Upper

83 100

55 79.4 60.5 90.7

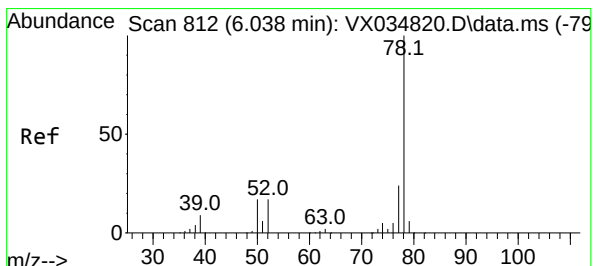
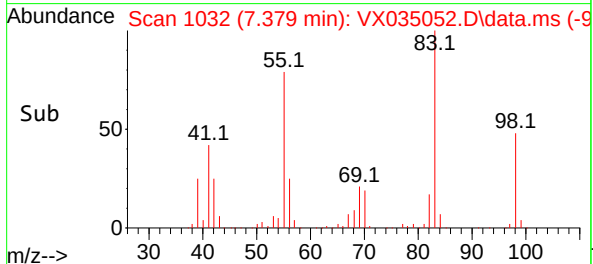
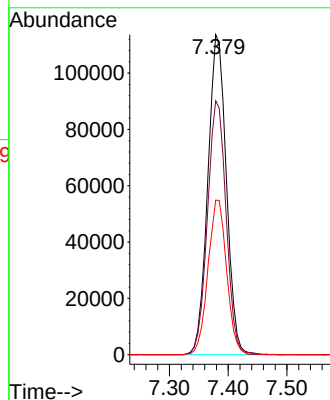
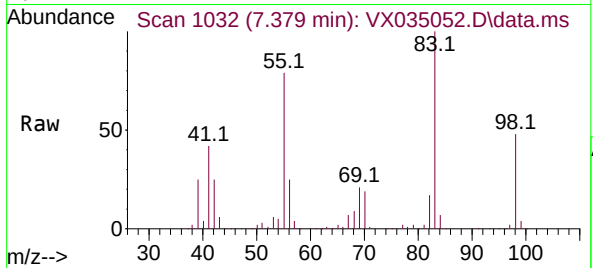
98 48.3 40.4 60.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/13/2023

Supervised By :Mahesh Dadoda 04/13/2023



#40

Benzene

Concen: 50.504 ug/l

RT: 6.037 min Scan# 812

Delta R.T. -0.000 min

Lab File: VX035052.D

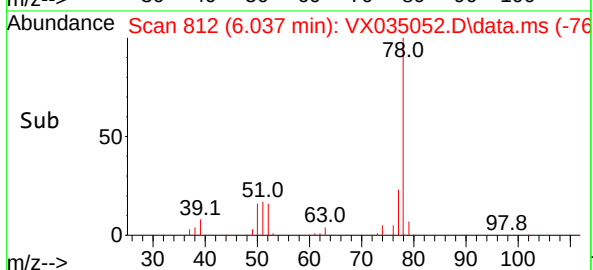
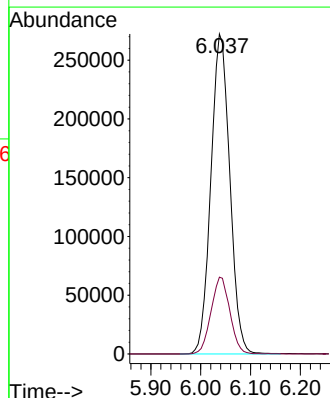
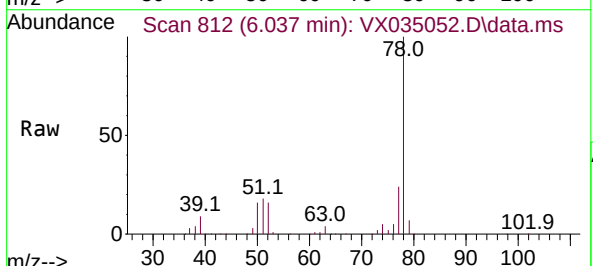
Acq: 12 Apr 2023 17:47

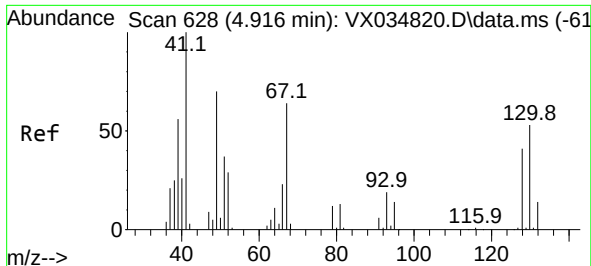
Tgt Ion: 78 Resp: 717912

Ion Ratio Lower Upper

78 100

77 24.0 19.0 28.4





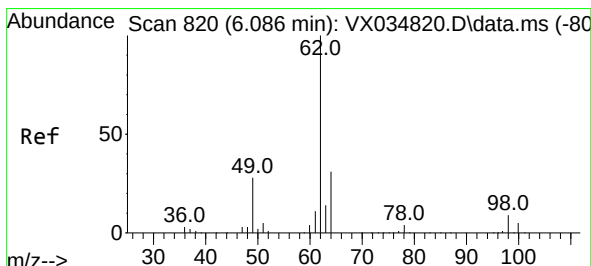
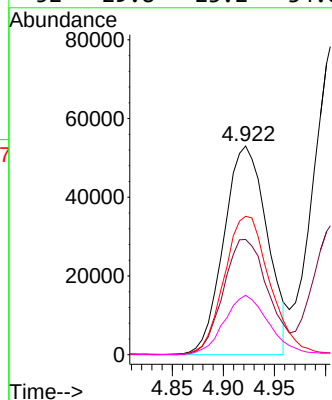
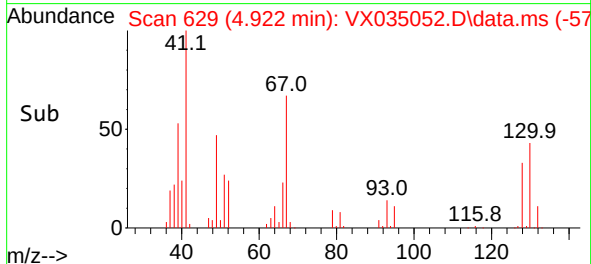
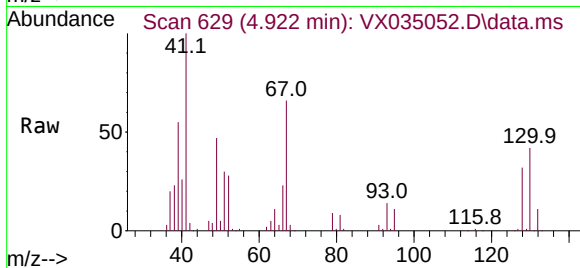
#41
Methacrylonitrile
Concen: 55.602 ug/l m
RT: 4.922 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX035052.D
Acq: 12 Apr 2023 17:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 15657
Ion Ratio Lower Upper
41 100
39 57.3 45.0 67.6
67 70.3 55.6 83.4
52 29.8 23.2 34.8

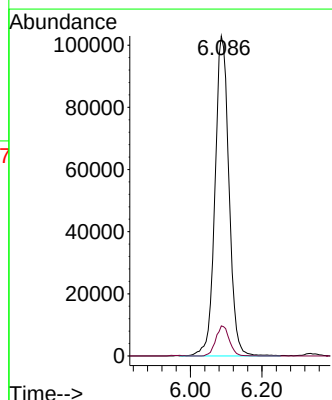
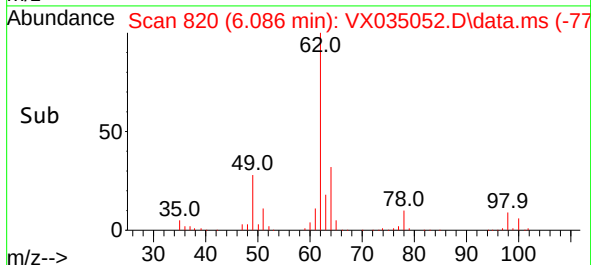
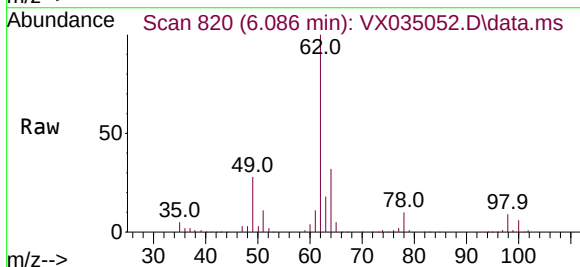
Manual Integrations
APPROVED

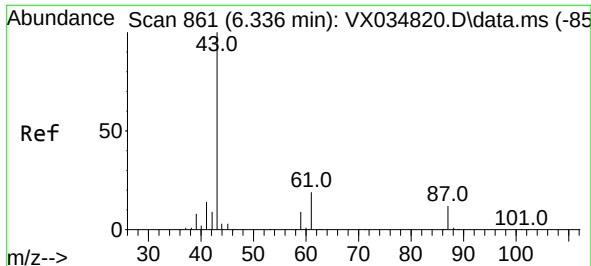
Reviewed By :John Carlone 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#42
1,2-Dichloroethane
Concen: 49.450 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX035052.D
Acq: 12 Apr 2023 17:47

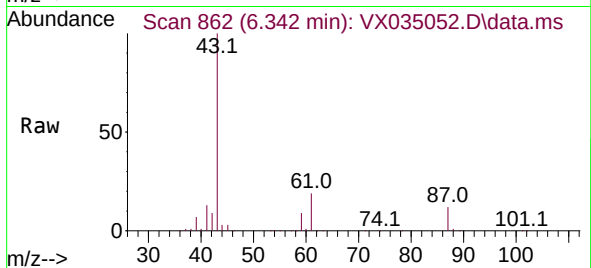
Tgt Ion: 62 Resp: 279463
Ion Ratio Lower Upper
62 100
98 9.1 0.0 18.0





#43
Isopropyl Acetate
Concen: 54.351 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.006 min
Lab File: VX035052.D
Acq: 12 Apr 2023 17:47

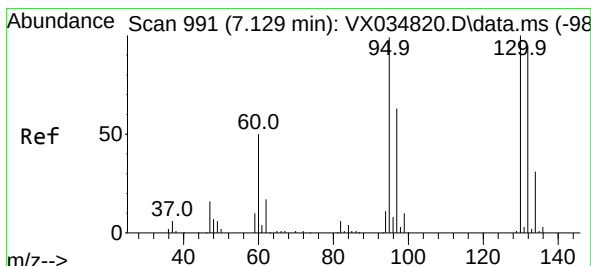
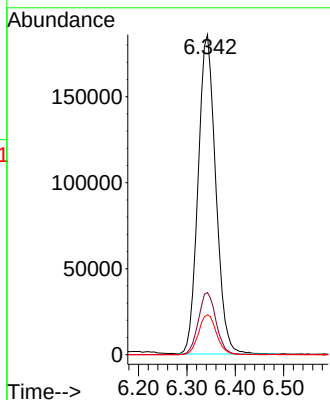
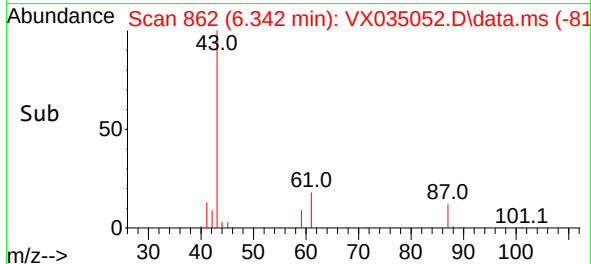
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 47082
Ion Ratio Lower Upper
43 100
61 19.6 15.2 22.8
87 12.7 9.8 14.8

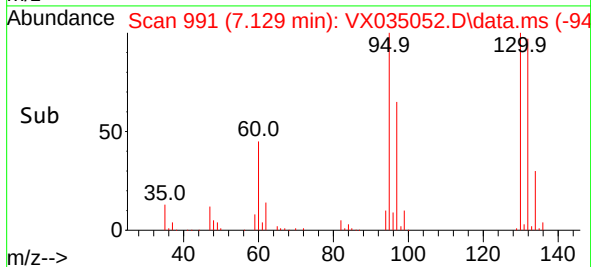
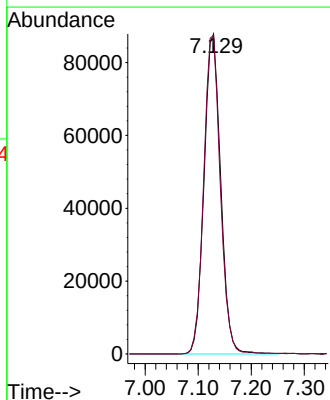
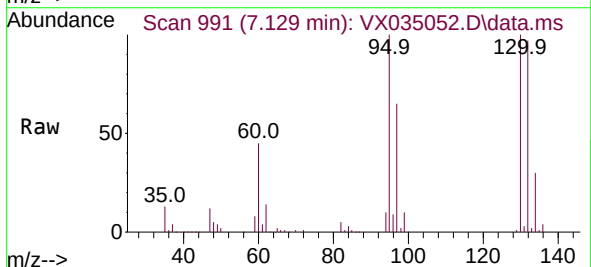
Manual Integrations
APPROVED

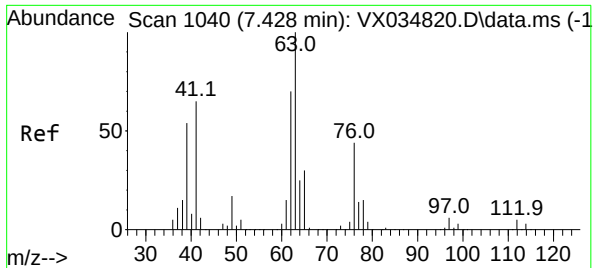
Reviewed By :John Carlone 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#44
Trichloroethene
Concen: 52.756 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX035052.D
Acq: 12 Apr 2023 17:47

Tgt Ion:130 Resp: 191433
Ion Ratio Lower Upper
130 100
95 99.5 0.0 198.4





#45

1,2-Dichloropropane

Concen: 52.362 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VX035052.D

Acq: 12 Apr 2023 17:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 193958

Ion Ratio Lower Upper

63 100

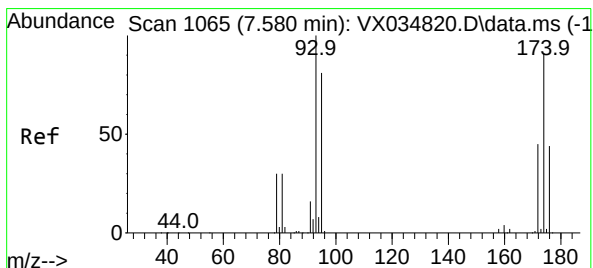
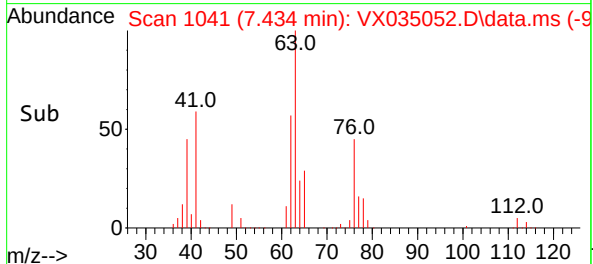
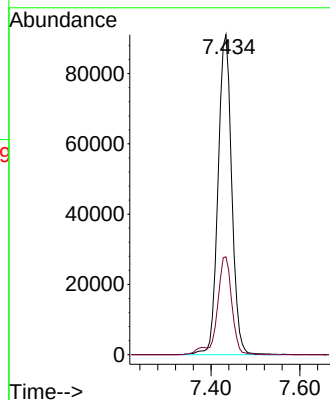
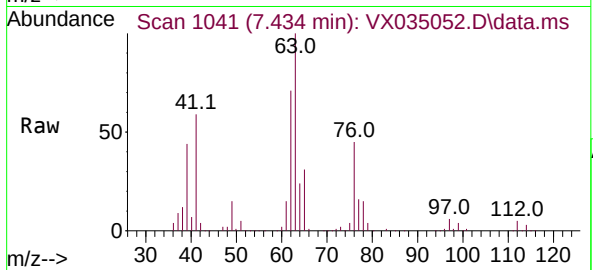
65 30.6 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/13/2023

Supervised By :Mahesh Dadoda 04/13/2023



#46

Dibromomethane

Concen: 50.661 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX035052.D

Acq: 12 Apr 2023 17:47

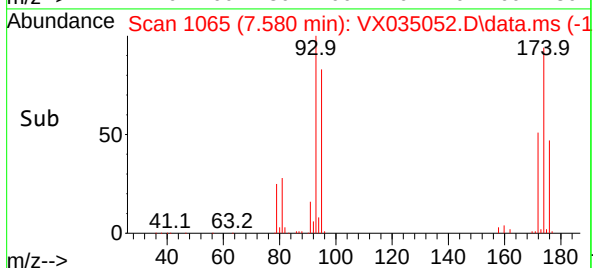
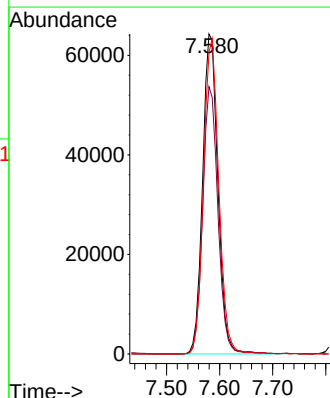
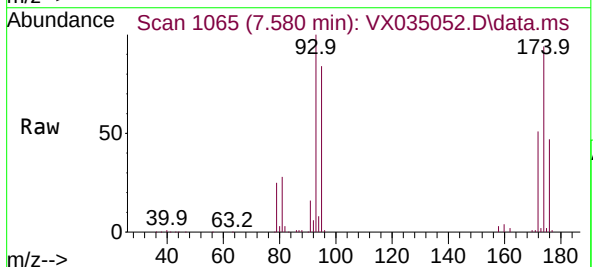
Tgt Ion: 93 Resp: 129119

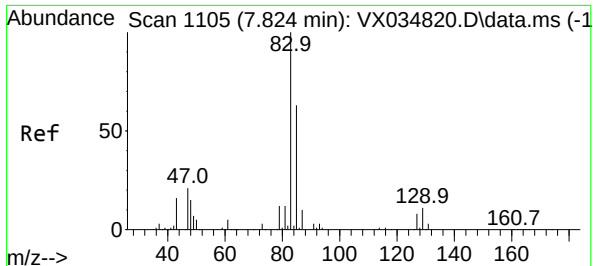
Ion Ratio Lower Upper

93 100

95 82.7 66.9 100.3

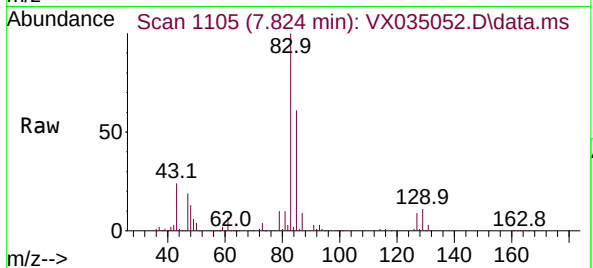
174 98.4 75.4 113.0





#47
Bromodichloromethane
Concen: 52.596 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX035052.D
Acq: 12 Apr 2023 17:47

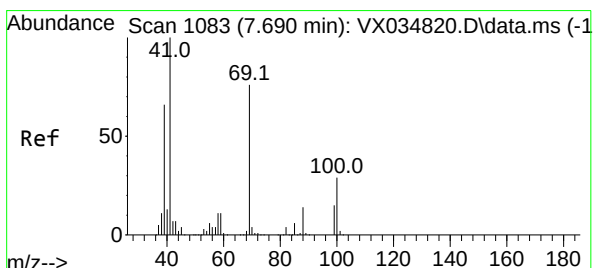
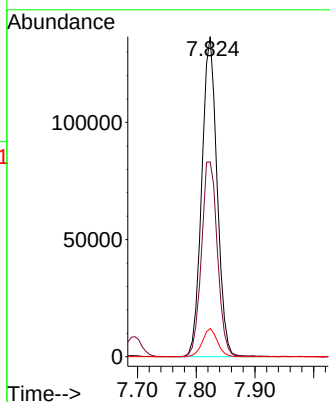
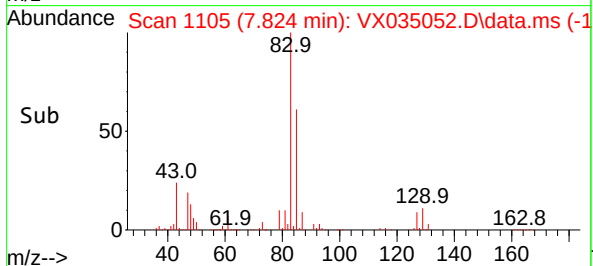
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 247608
Ion Ratio Lower Upper
83 100
85 60.8 52.2 78.4
127 8.8 6.6 9.8

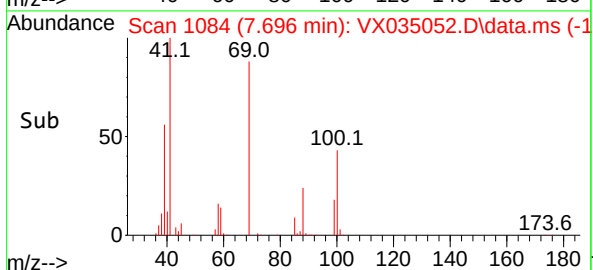
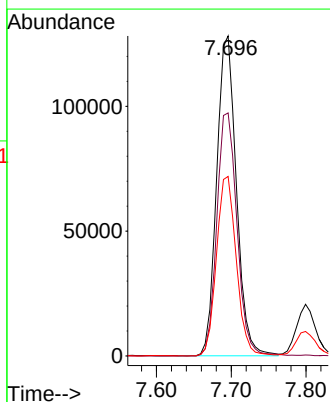
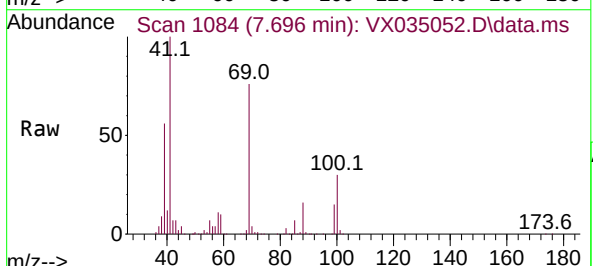
Manual Integrations
APPROVED

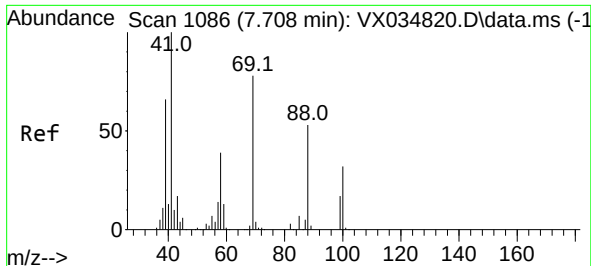
Reviewed By :John Carlone 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#48
Methyl methacrylate
Concen: 55.243 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX035052.D
Acq: 12 Apr 2023 17:47

Tgt Ion: 41 Resp: 235013
Ion Ratio Lower Upper
41 100
69 77.8 62.2 93.4
39 56.6 47.7 71.5





#49

1,4-Dioxane

Concen: 964.786 ug/l

RT: 7.708 min Scan# 1086

Delta R.T. -0.000 min

Lab File: VX035052.D

Acq: 12 Apr 2023 17:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

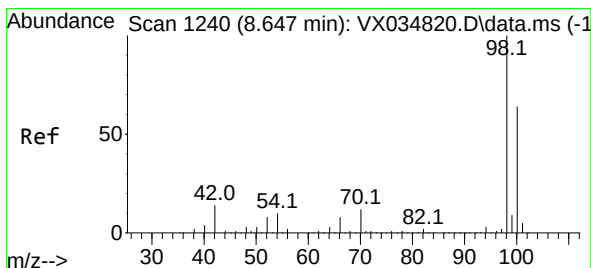
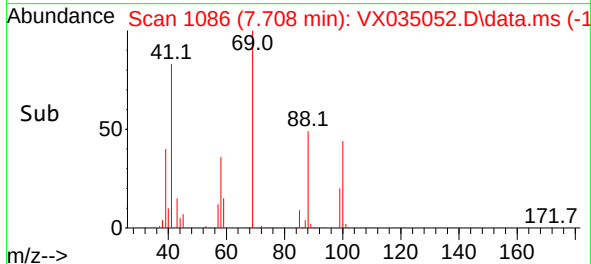
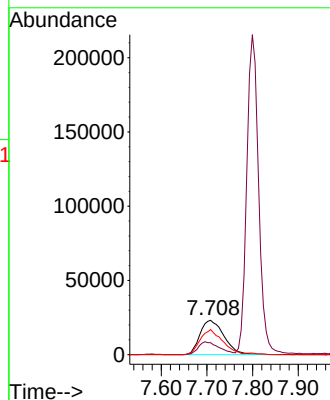
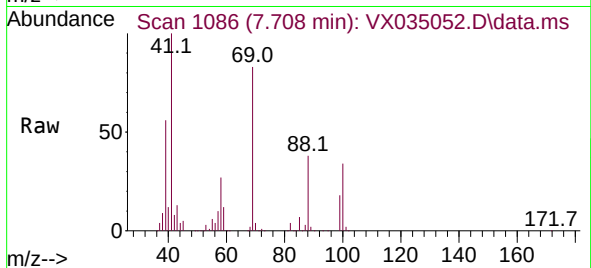
Tgt Ion: 88 Resp: 84584
 Ion Ratio Lower Upper
 88 100
 43 32.9 27.7 41.5
 58 67.8 56.8 85.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/13/2023

Supervised By :Mahesh Dadoda 04/13/2023



#50

Toluene-d8

Concen: 50.822 ug/l

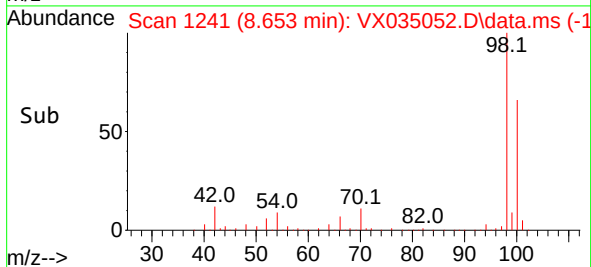
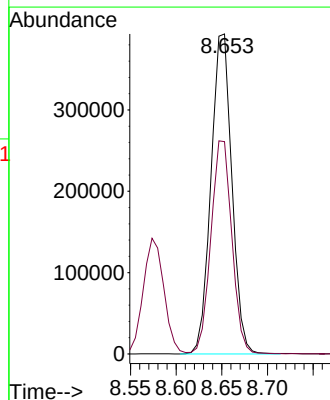
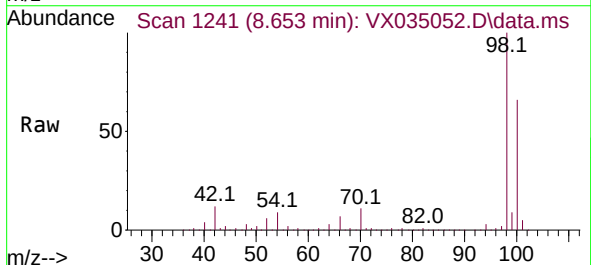
RT: 8.653 min Scan# 1241

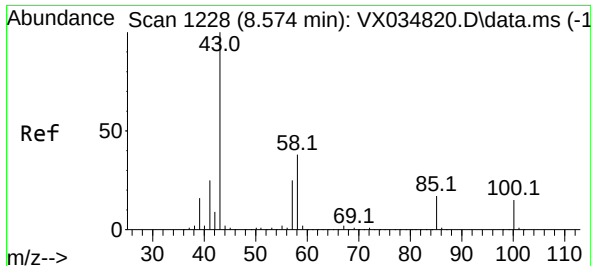
Delta R.T. 0.006 min

Lab File: VX035052.D

Acq: 12 Apr 2023 17:47

Tgt Ion: 98 Resp: 627003
 Ion Ratio Lower Upper
 98 100
 100 66.7 52.5 78.7





#51
4-Methyl-2-Pentanone
Concen: 276.642 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX035052.D
Acq: 12 Apr 2023 17:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

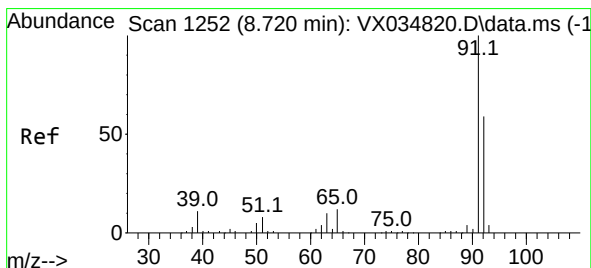
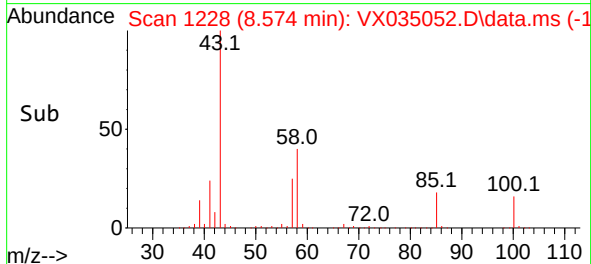
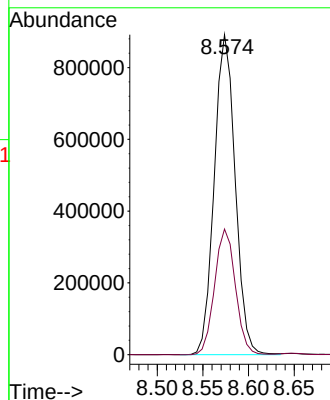
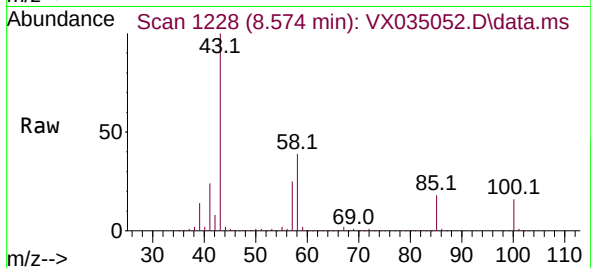
Tgt Ion: 43 Resp: 1418300
Ion Ratio Lower Upper
43 100
58 39.0 30.6 46.0

Manual Integrations

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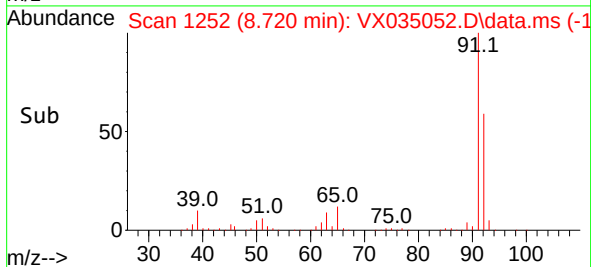
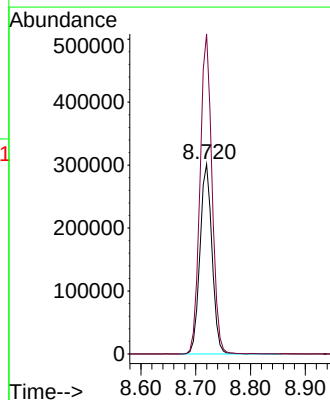
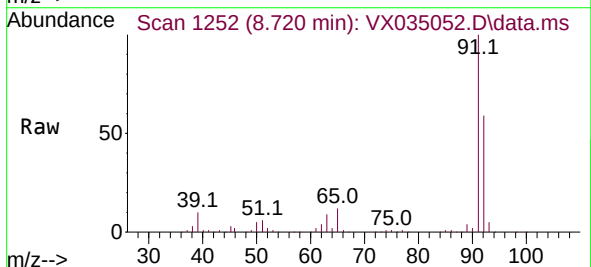
Reviewed By :John Carlone 04/13/2023

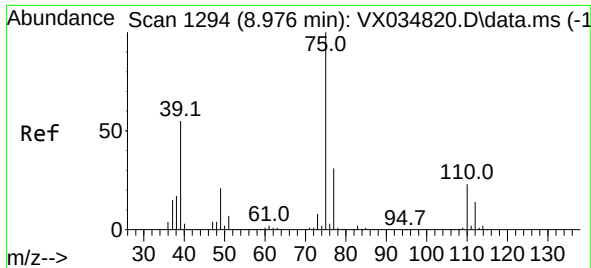
Supervised By :Mahesh Dadoda 04/13/2023



#52
Toluene
Concen: 49.735 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX035052.D
Acq: 12 Apr 2023 17:47

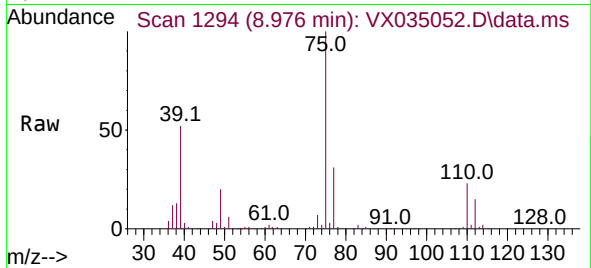
Tgt Ion: 92 Resp: 460965
Ion Ratio Lower Upper
92 100
91 167.5 136.8 205.2





#53
t-1,3-Dichloropropene
Concen: 54.198 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX035052.D
Acq: 12 Apr 2023 17:47

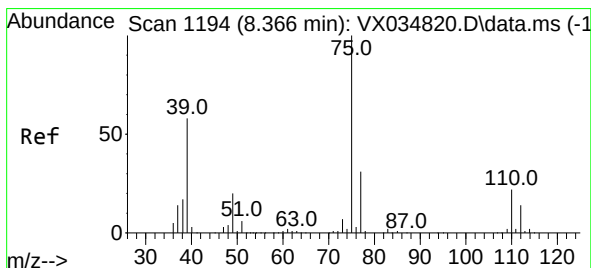
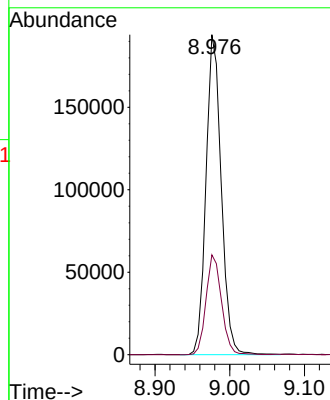
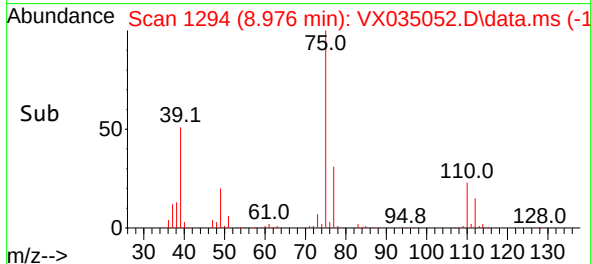
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



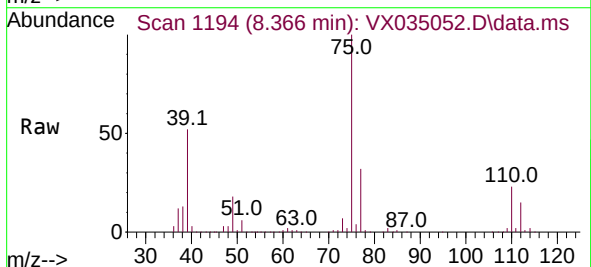
Tgt Ion: 75 Resp: 274480
Ion Ratio Lower Upper
75 100
77 31.2 25.4 38.2

Manual Integrations
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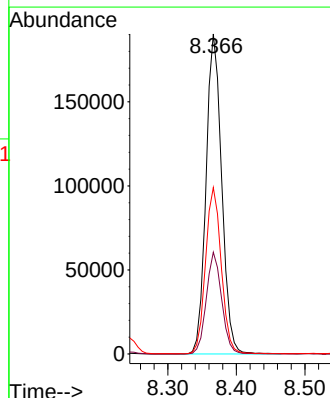
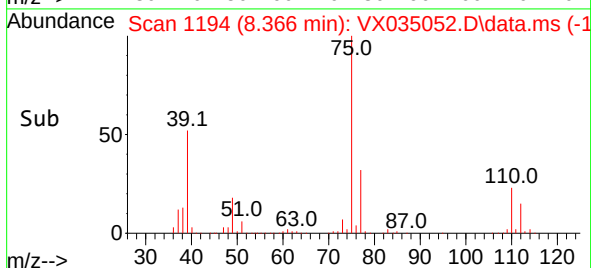
Reviewed By :John Carlone 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023

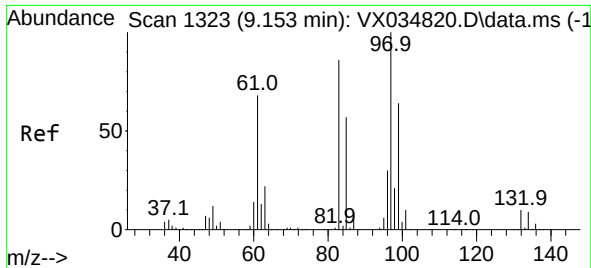


#54
cis-1,3-Dichloropropene
Concen: 54.620 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX035052.D
Acq: 12 Apr 2023 17:47



Tgt Ion: 75 Resp: 302726
Ion Ratio Lower Upper
75 100
77 31.8 25.0 37.4
39 51.9 44.6 66.8





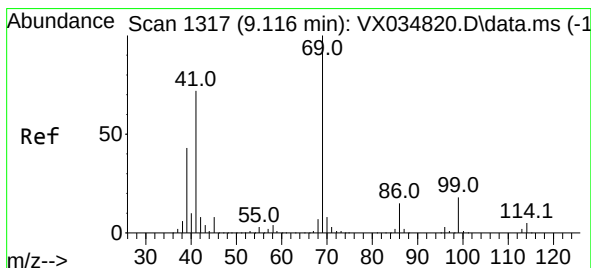
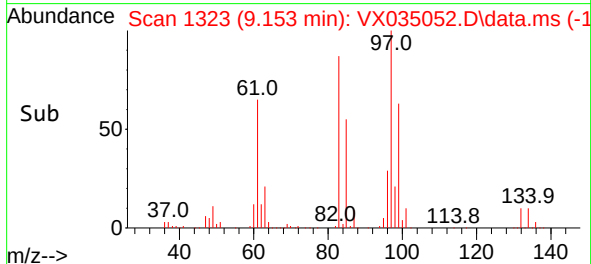
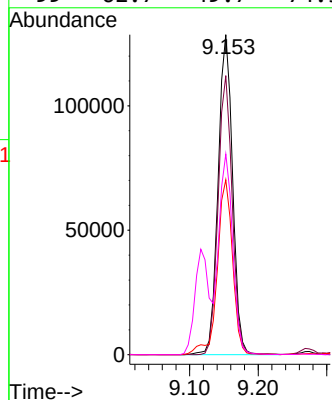
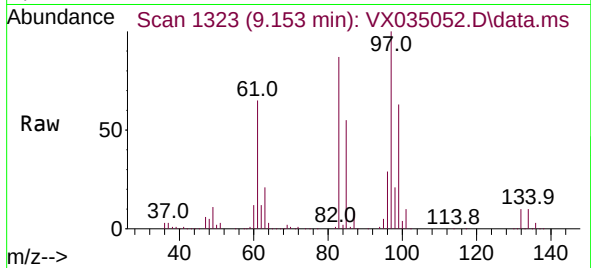
#55
1,1,2-Trichloroethane
Concen: 53.776 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX035052.D
Acq: 12 Apr 2023 17:47

Instrument : MSVOA_X
ClientSampleId : VSTDCCC050EC

Tgt Ion: 97 Resp: 18864
Ion Ratio Lower Upper
97 100
83 87.2 69.7 104.5
85 54.6 43.7 65.5
99 62.7 49.7 74.5

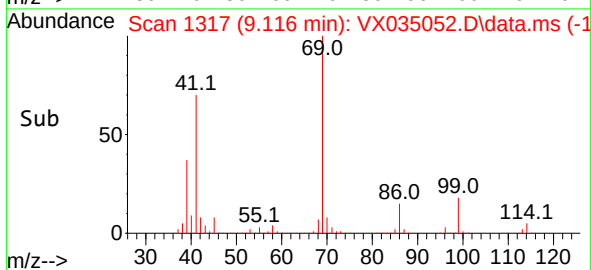
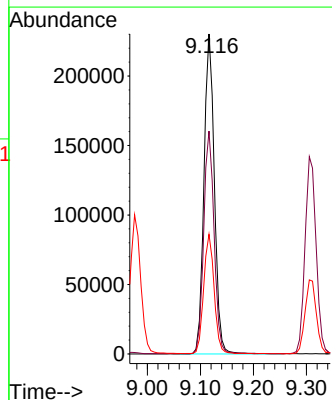
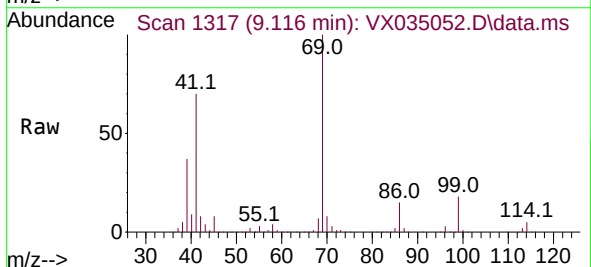
Manual Integrations
APPROVED

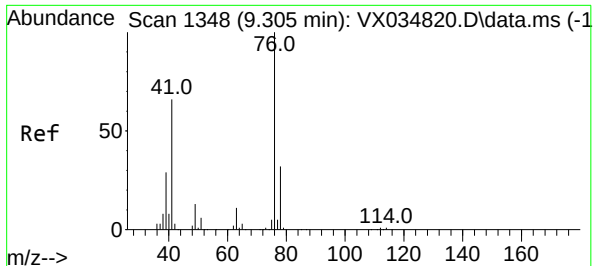
Reviewed By :John Carlone 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#56
Ethyl methacrylate
Concen: 57.031 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX035052.D
Acq: 12 Apr 2023 17:47

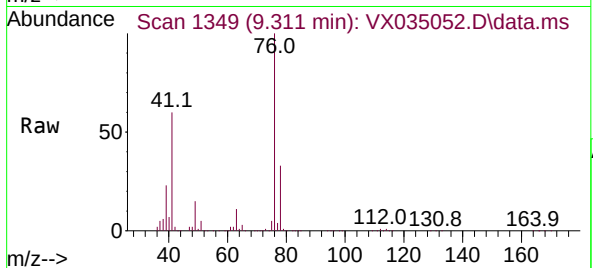
Tgt Ion: 69 Resp: 313451
Ion Ratio Lower Upper
69 100
41 69.8 57.4 86.0
39 37.7 33.7 50.5





#57
1,3-Dichloropropane
Concen: 52.916 ug/l
RT: 9.311 min Scan# 1174
Delta R.T. 0.006 min
Lab File: VX035052.D
Acq: 12 Apr 2023 17:47

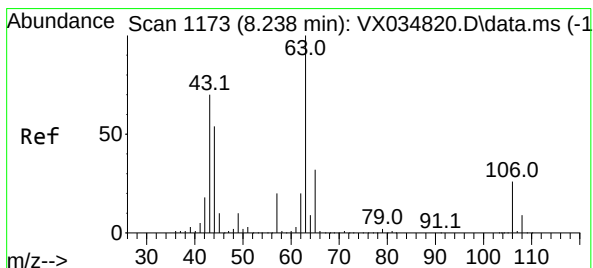
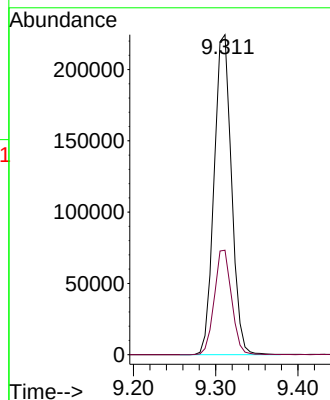
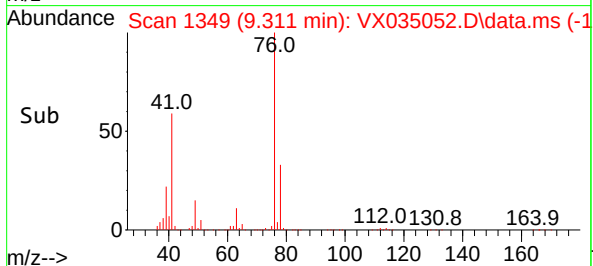
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



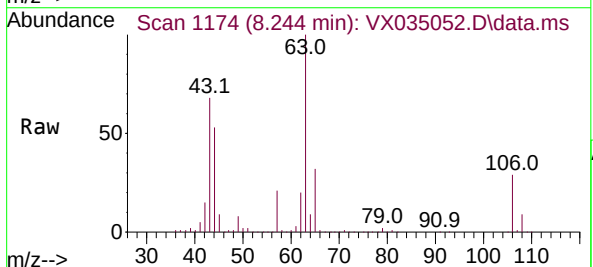
Tgt Ion: 76 Resp: 328730
Ion Ratio Lower Upper
76 100
78 32.5 25.8 38.8

Manual Integrations
APPROVED

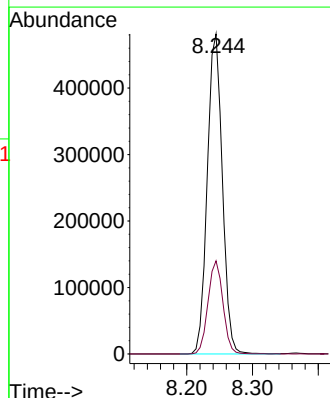
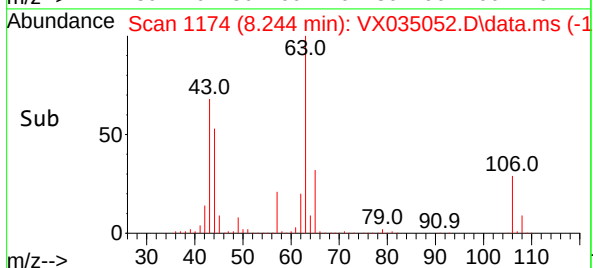
Reviewed By :John Carlone 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023

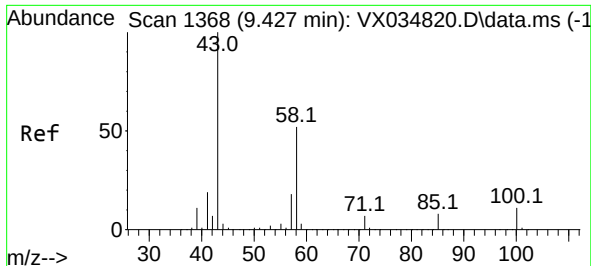


#58
2-Chloroethyl Vinyl ether
Concen: 274.016 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.006 min
Lab File: VX035052.D
Acq: 12 Apr 2023 17:47



Tgt Ion: 63 Resp: 766831
Ion Ratio Lower Upper
63 100
106 28.8 22.2 33.2





#59

2-Hexanone

Concen: 274.256 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.006 min

Lab File: VX035052.D

Acq: 12 Apr 2023 17:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 106349

Ion Ratio Lower Upper

43 100

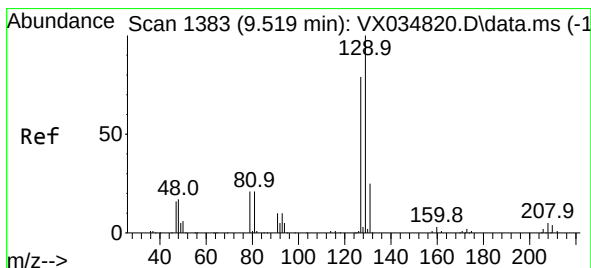
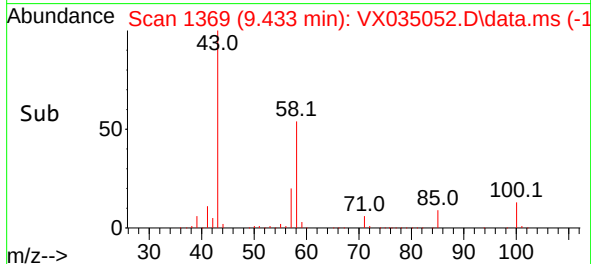
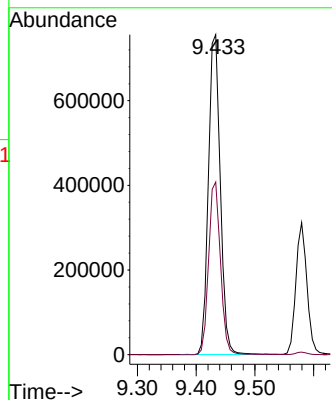
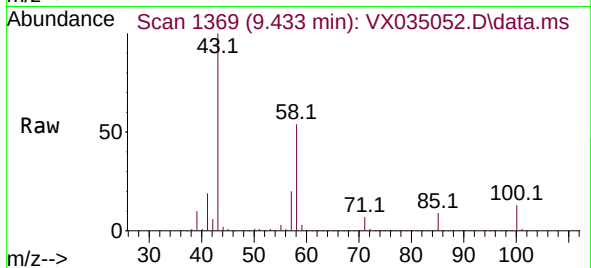
58 53.8 26.3 78.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/13/2023

Supervised By :Mahesh Dadoda 04/13/2023



#60

Dibromochloromethane

Concen: 55.308 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX035052.D

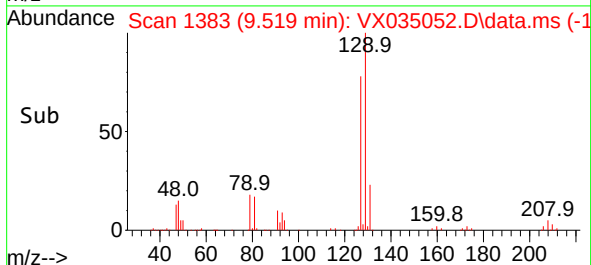
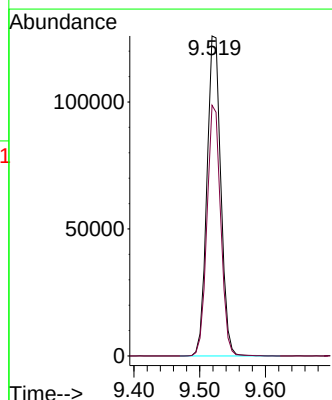
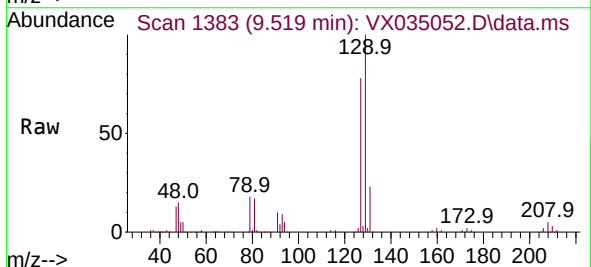
Acq: 12 Apr 2023 17:47

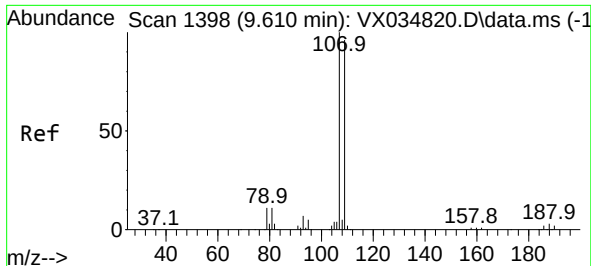
Tgt Ion:129 Resp: 184818

Ion Ratio Lower Upper

129 100

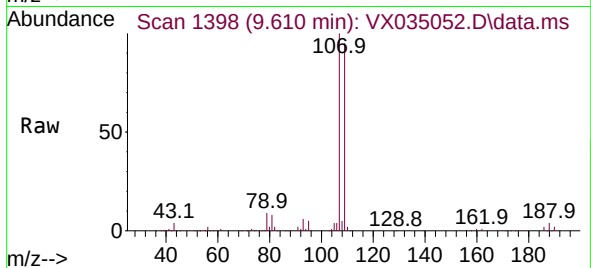
127 77.4 39.0 117.0





#61
1,2-Dibromoethane
Concen: 53.759 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX035052.D
Acq: 12 Apr 2023 17:47

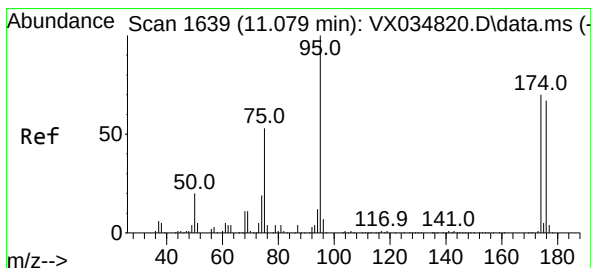
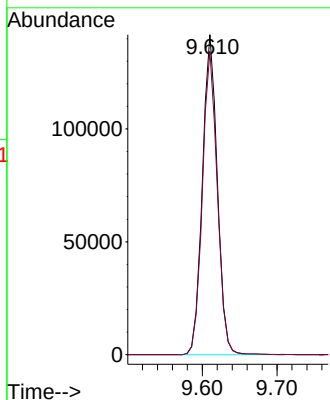
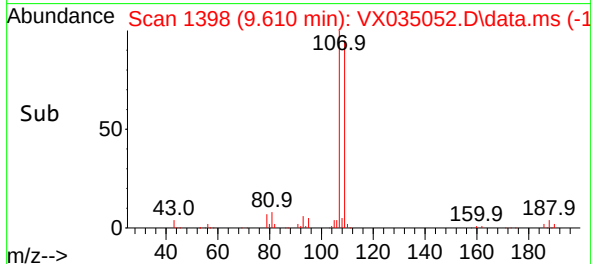
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 196090
Ion Ratio Lower Upper
107 100
109 94.8 75.3 112.9

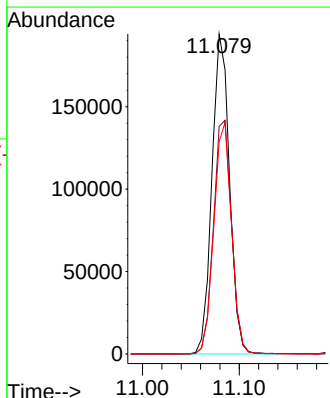
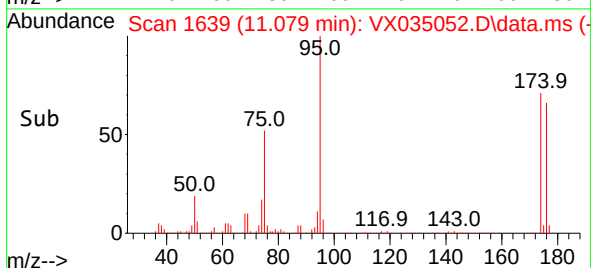
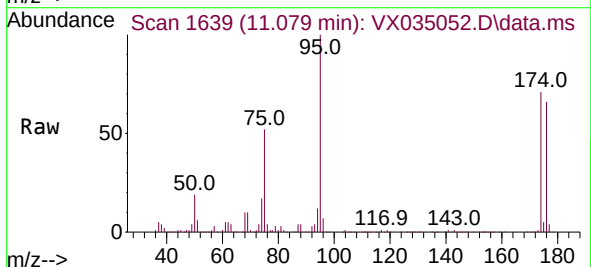
Manual Integrations
APPROVED

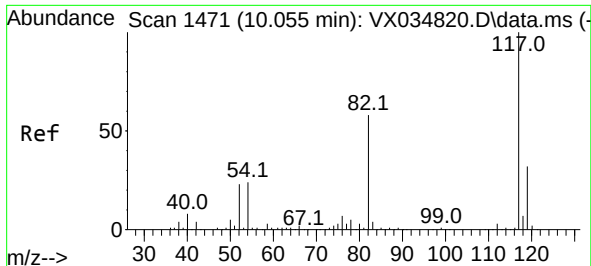
Reviewed By :John Carlone 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#62
4-Bromofluorobenzene
Concen: 51.208 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX035052.D
Acq: 12 Apr 2023 17:47

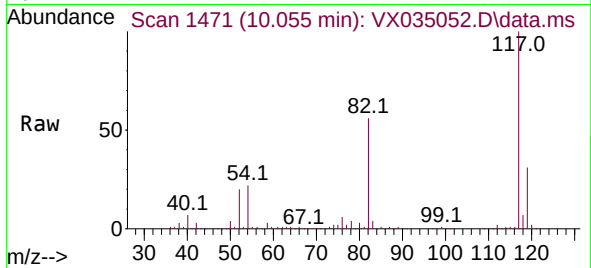
Tgt Ion: 95 Resp: 244477
Ion Ratio Lower Upper
95 100
174 75.3 0.0 147.4
176 72.8 0.0 140.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035052.D
Acq: 12 Apr 2023 17:47

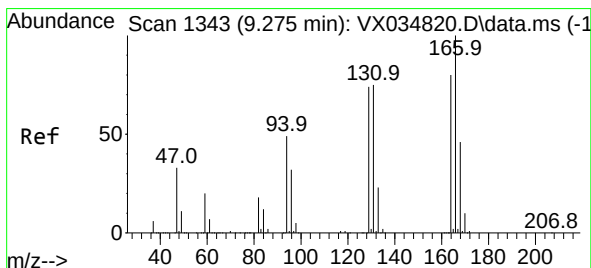
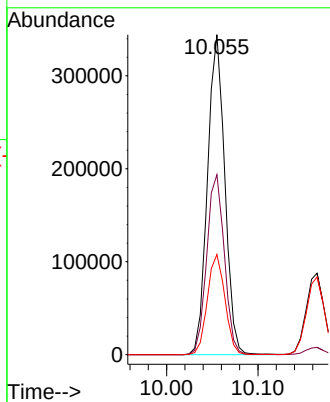
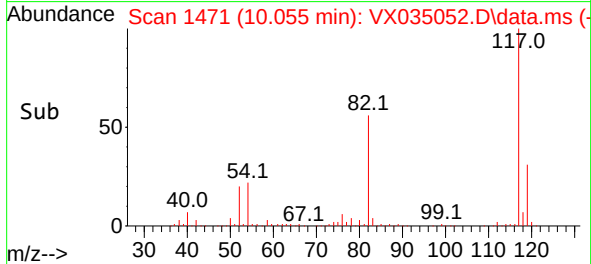
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 453329
Ion Ratio Lower Upper
117 100
82 56.2 45.0 67.4
119 31.3 26.0 39.0

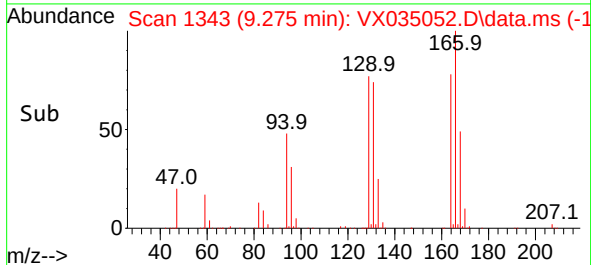
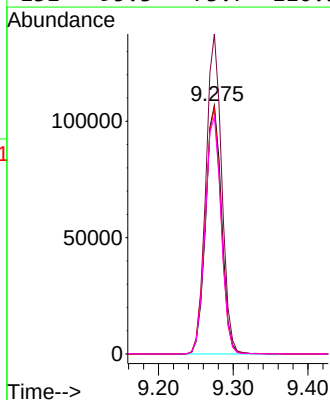
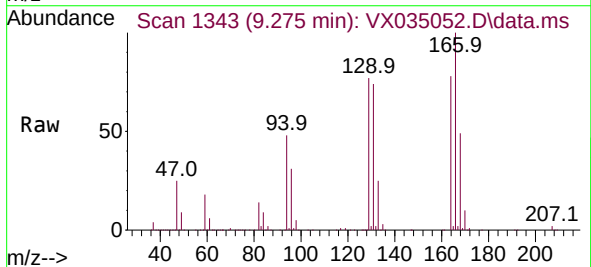
Manual Integrations
APPROVED

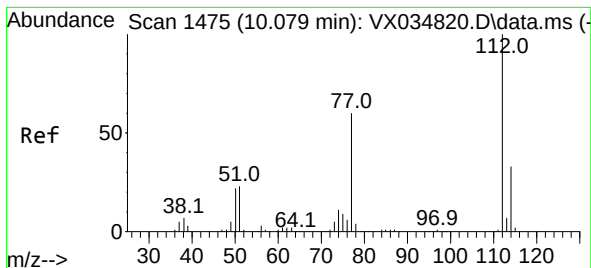
Reviewed By :John Carlone 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#64
Tetrachloroethene
Concen: 48.815 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX035052.D
Acq: 12 Apr 2023 17:47

Tgt Ion:164 Resp: 158366
Ion Ratio Lower Upper
164 100
166 128.7 102.7 154.1
129 99.1 75.6 113.4
131 95.3 73.7 110.5





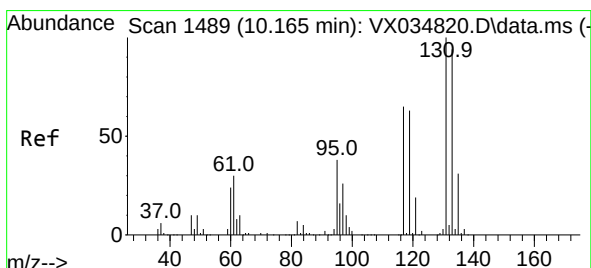
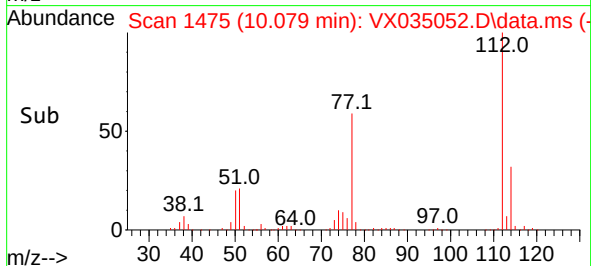
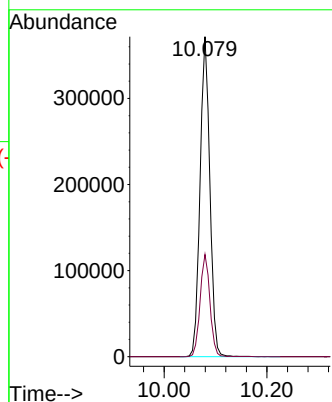
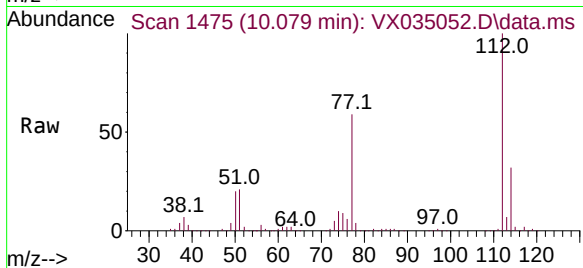
#65
Chlorobenzene
Concen: 52.033 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX035052.D
Acq: 12 Apr 2023 17:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 490770
Ion Ratio Lower Upper
112 100
114 31.9 26.2 39.2

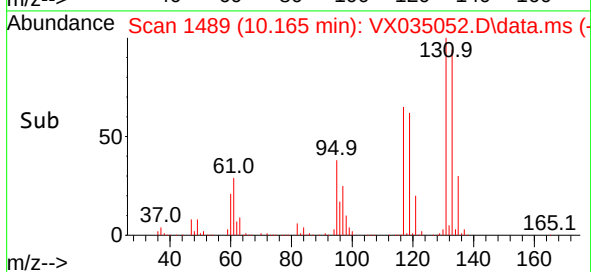
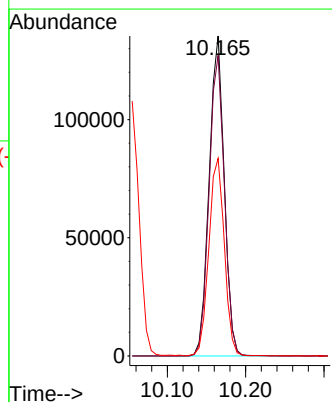
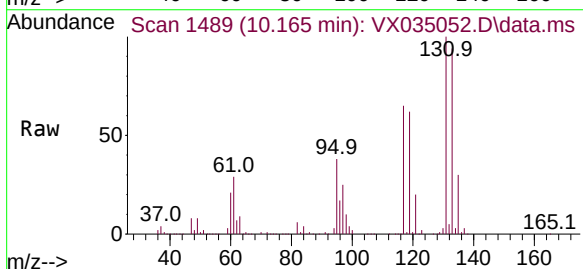
Manual Integrations
APPROVED

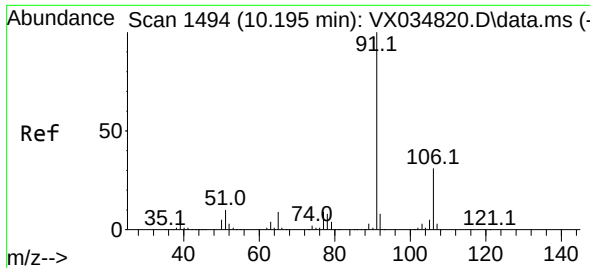
Reviewed By :John Carlone 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 55.741 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX035052.D
Acq: 12 Apr 2023 17:47

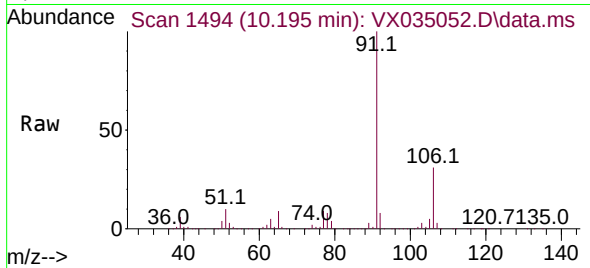
Tgt Ion:131 Resp: 180783
Ion Ratio Lower Upper
131 100
133 95.2 47.1 141.4
119 63.6 32.6 98.0





#67
Ethyl Benzene
Concen: 51.737 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX035052.D
Acq: 12 Apr 2023 17:47

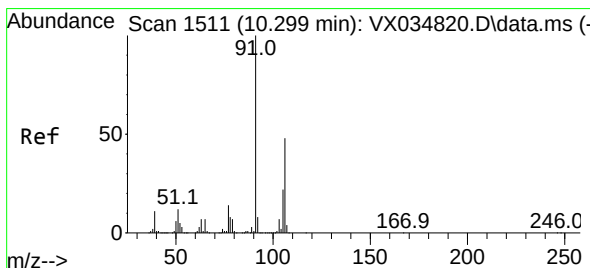
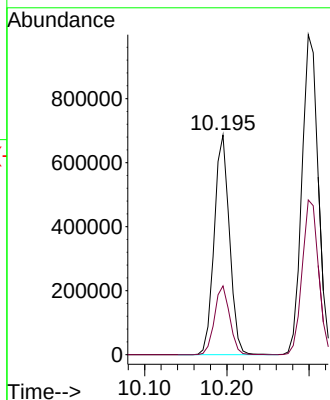
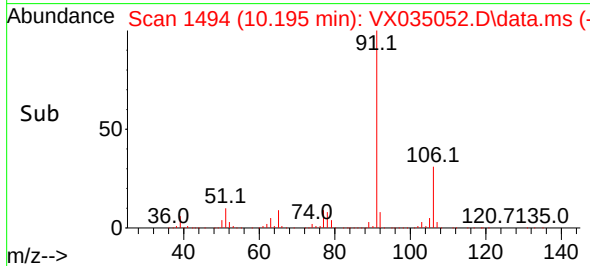
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



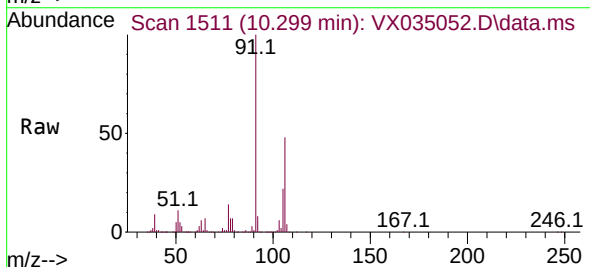
Tgt Ion: 91 Resp: 884019
Ion Ratio Lower Upper
91 100
106 31.3 25.6 38.4

Manual Integrations
APPROVED

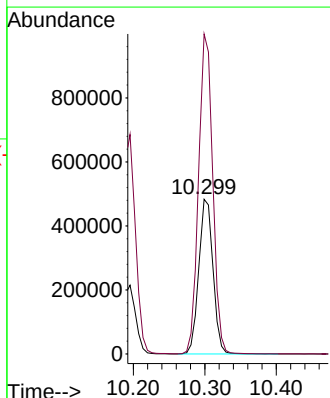
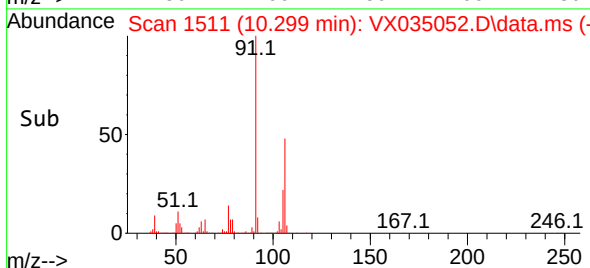
Reviewed By :John Carlone 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023

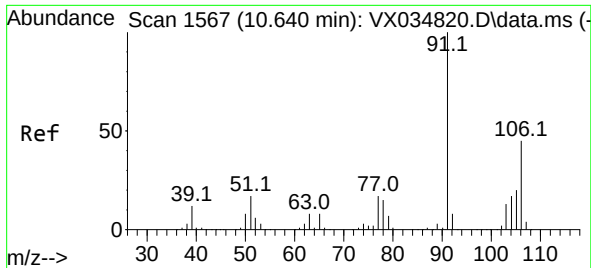


#68
m/p-Xylenes
Concen: 102.153 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX035052.D
Acq: 12 Apr 2023 17:47



Tgt Ion:106 Resp: 666750
Ion Ratio Lower Upper
106 100
91 206.5 164.0 246.0





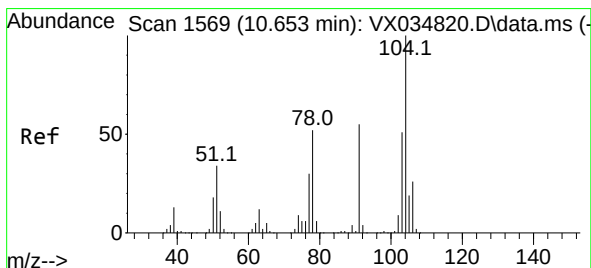
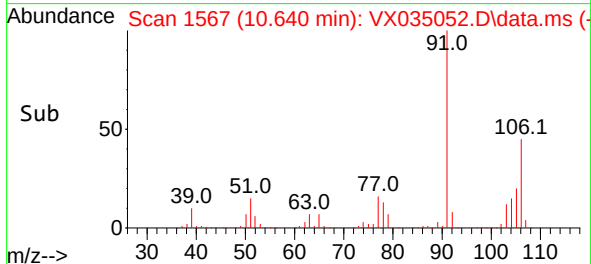
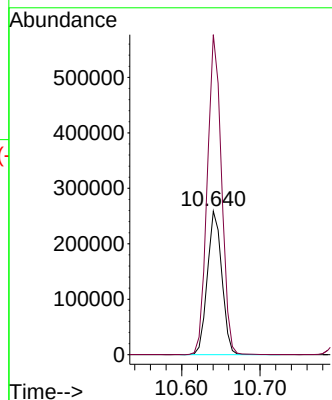
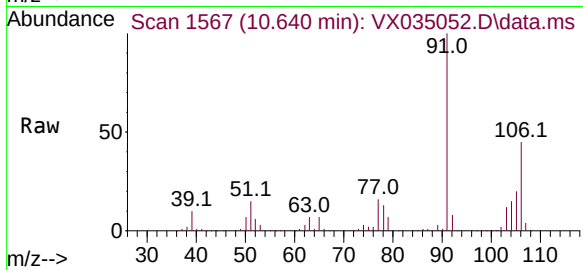
#69
o-Xylene
Concen: 51.862 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX035052.D
Acq: 12 Apr 2023 17:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 331609
Ion Ratio Lower Upper
106 100
91 219.0 108.5 325.3

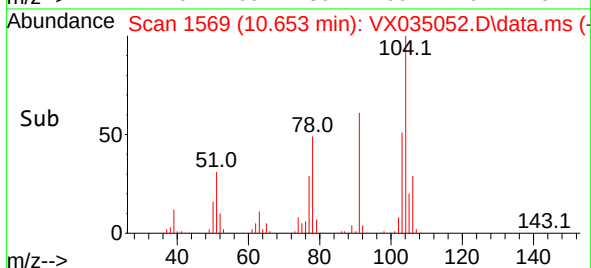
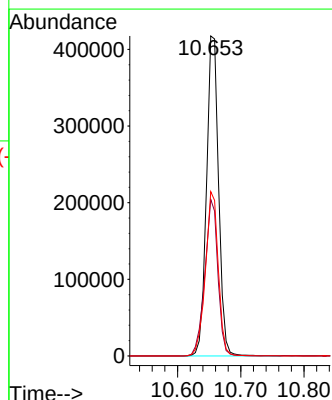
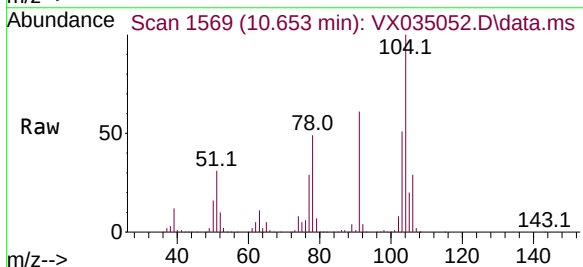
Manual Integrations
APPROVED

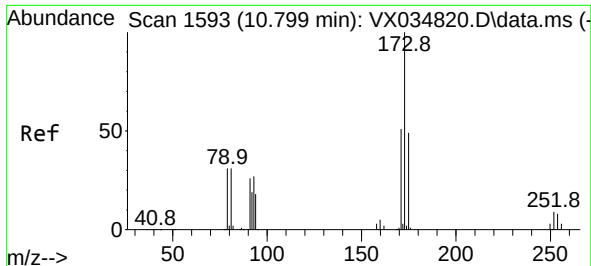
Reviewed By :John Carlone 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#70
Styrene
Concen: 54.626 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.001 min
Lab File: VX035052.D
Acq: 12 Apr 2023 17:47

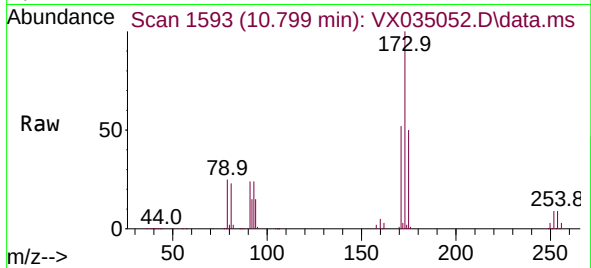
Tgt Ion:104 Resp: 557569
Ion Ratio Lower Upper
104 100
78 52.7 43.4 65.2
103 54.5 44.2 66.2





#71
Bromoform
Concen: 57.148 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX035052.D
Acq: 12 Apr 2023 17:47

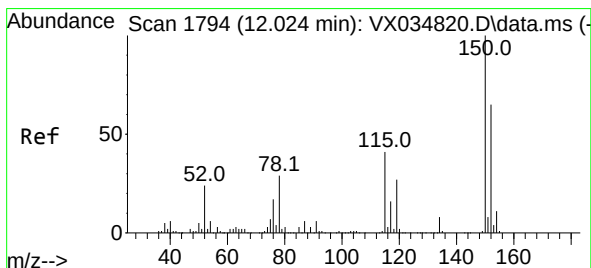
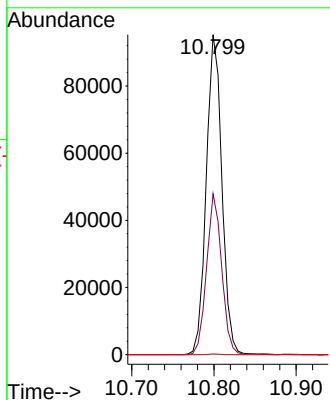
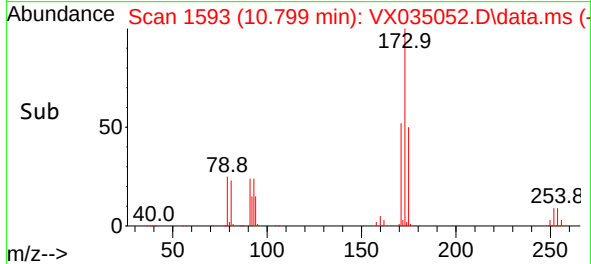
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 12606
Ion Ratio Lower Upper
173 100
175 48.6 24.1 72.4
254 0.2 0.1 0.1

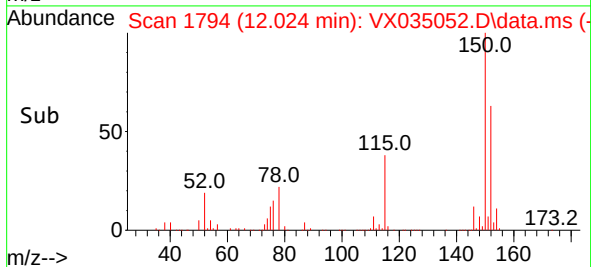
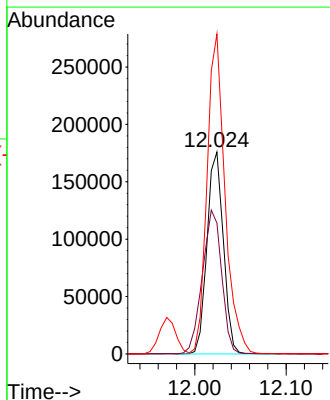
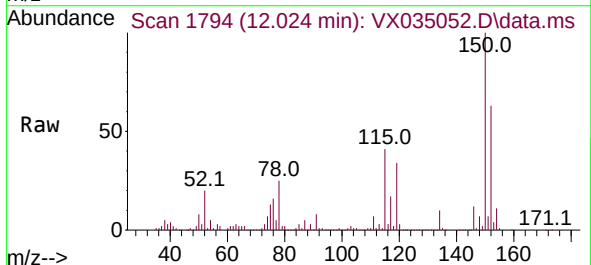
Manual Integrations
APPROVED

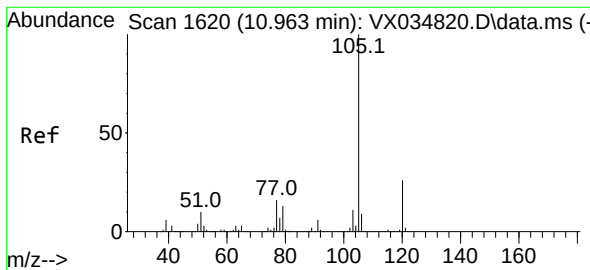
Reviewed By :John Carlone 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035052.D
Acq: 12 Apr 2023 17:47

Tgt Ion:152 Resp: 218267
Ion Ratio Lower Upper
152 100
115 84.1 45.0 135.0
150 173.8 0.0 352.4





#73

Isopropylbenzene

Concen: 53.206 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX035052.D

Acq: 12 Apr 2023 17:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 850669

Ion Ratio Lower Upper

105 100

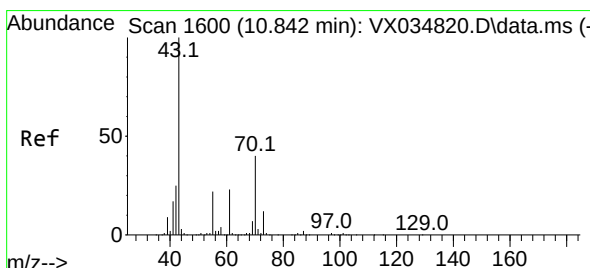
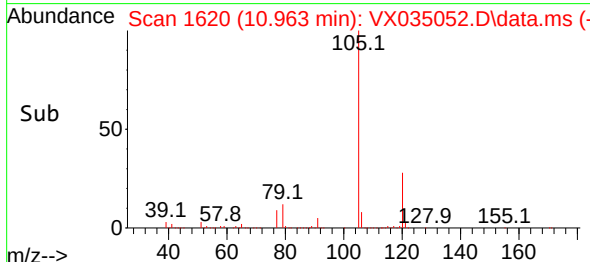
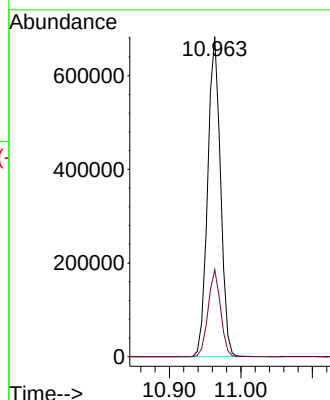
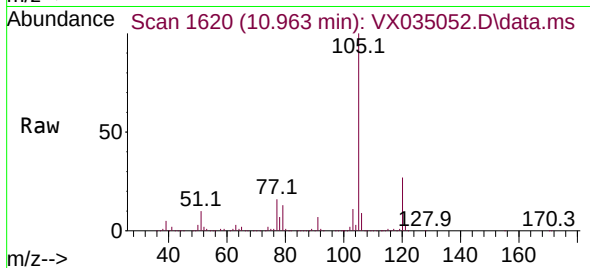
120 26.4 13.3 39.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/13/2023

Supervised By :Mahesh Dadoda 04/13/2023



#74

N-ethyl acetate

Concen: 56.851 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. -0.001 min

Lab File: VX035052.D

Acq: 12 Apr 2023 17:47

Tgt Ion: 43 Resp: 408676

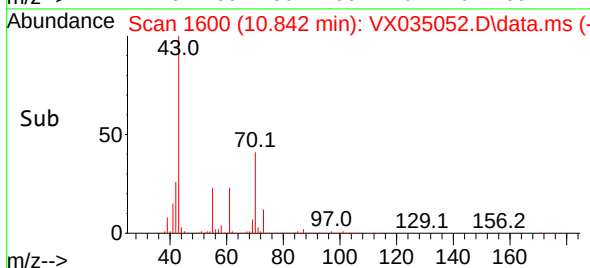
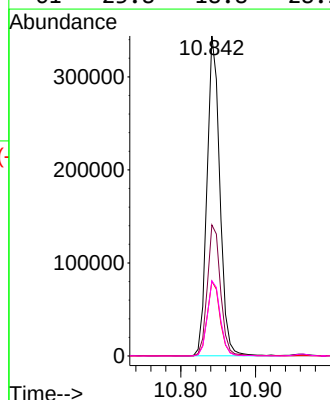
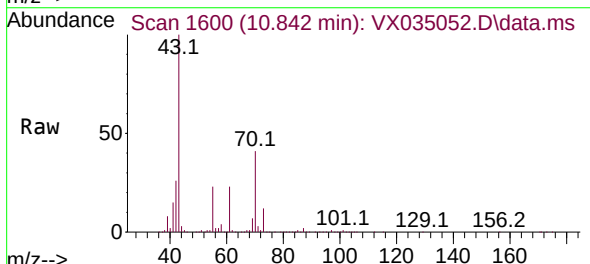
Ion Ratio Lower Upper

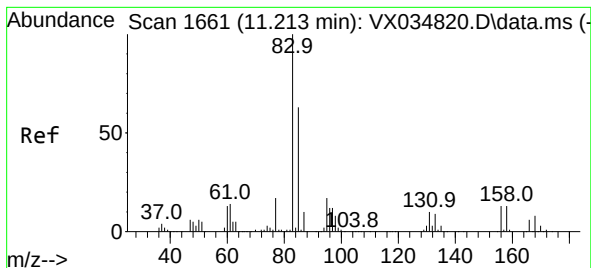
43 100

70 42.2 32.1 48.1

55 23.5 18.3 27.5

61 23.8 18.8 28.2





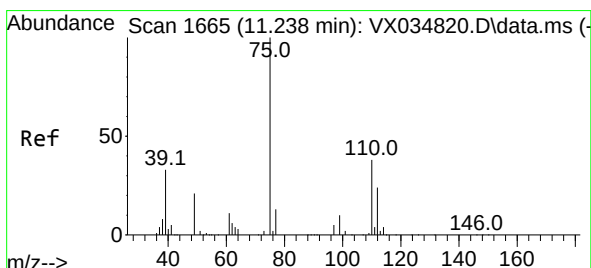
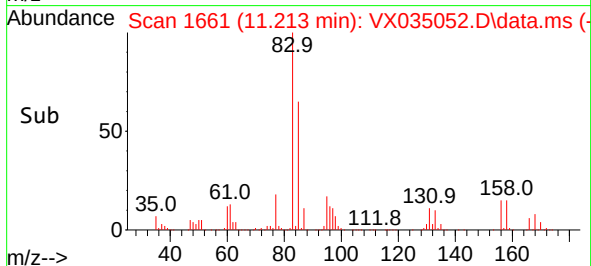
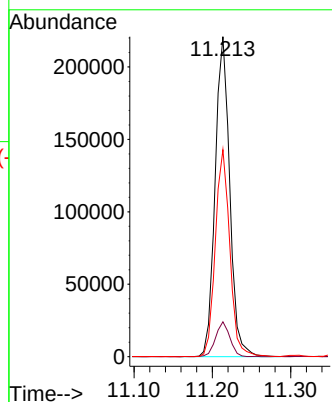
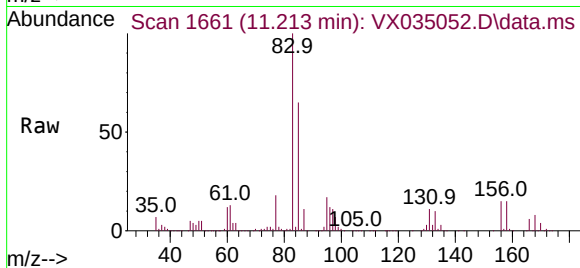
#75
1,1,2,2-Tetrachloroethane
Concen: 54.615 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX035052.D
Acq: 12 Apr 2023 17:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 286185
Ion Ratio Lower Upper
83 100
131 10.7 4.8 14.3
85 64.3 32.0 96.0

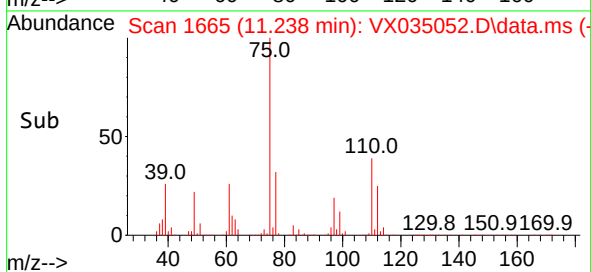
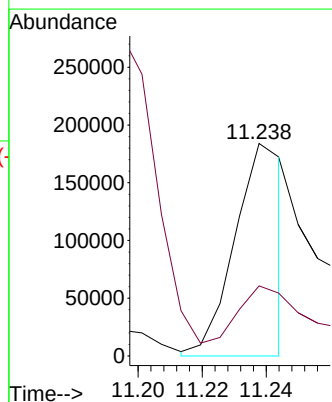
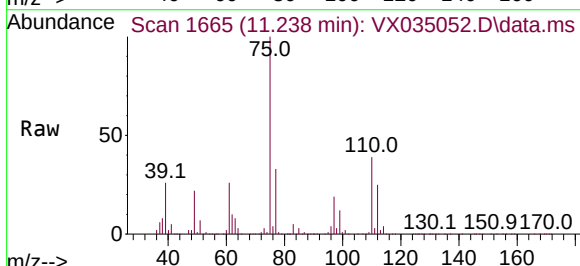
Manual Integrations
APPROVED

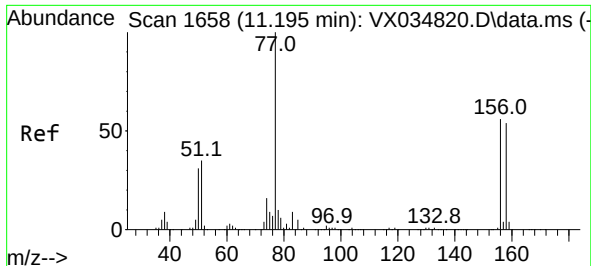
Reviewed By :John Carlone 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#76
1,2,3-Trichloropropane
Concen: 44.326 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX035052.D
Acq: 12 Apr 2023 17:47

Tgt Ion: 75 Resp: 194944
Ion Ratio Lower Upper
75 100
77 53.1 21.6 64.8





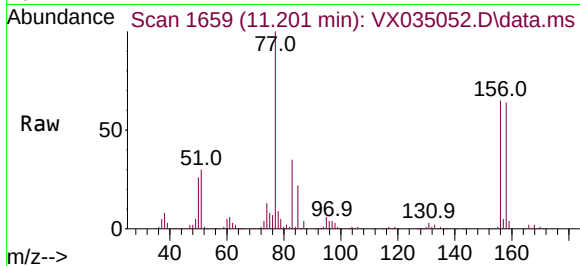
#77
Bromobenzene
Concen: 52.704 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VX035052.D
Acq: 12 Apr 2023 17:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



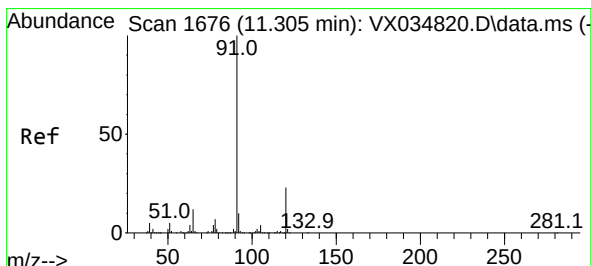
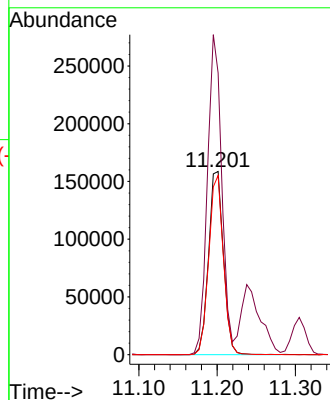
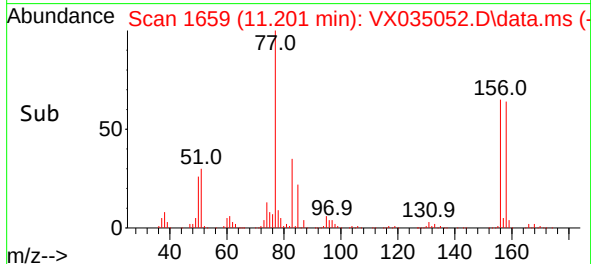
Tgt Ion:156 Resp: 208789
Ion Ratio Lower Upper
156 100
77 167.6 86.7 259.9
158 95.9 48.0 144.0

Manual Integrations

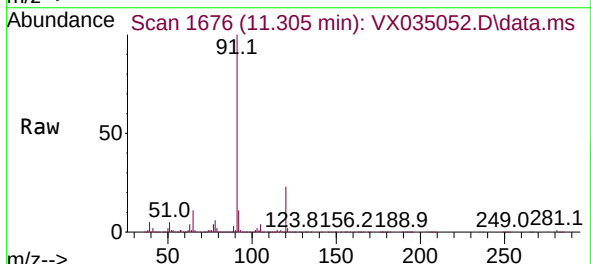
APPROVED

Reviewed By :John Carlone 04/13/2023

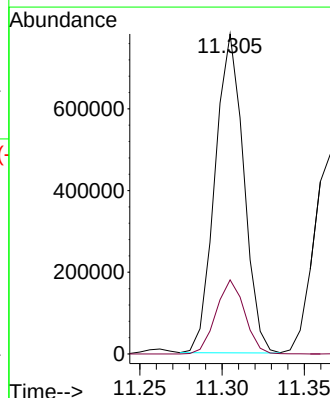
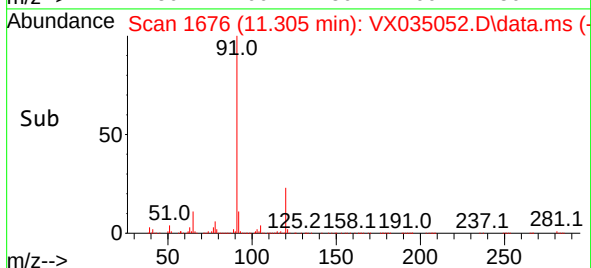
Supervised By :Mahesh Dadoda 04/13/2023

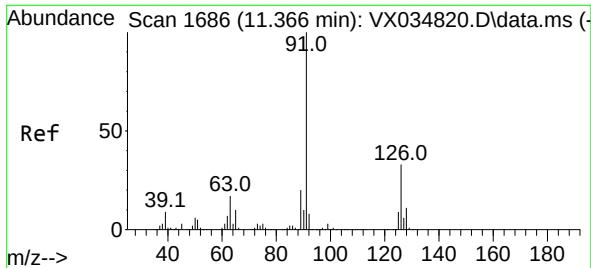


#78
n-propylbenzene
Concen: 51.303 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX035052.D
Acq: 12 Apr 2023 17:47



Tgt Ion: 91 Resp: 947538
Ion Ratio Lower Upper
91 100
120 23.1 11.5 34.5





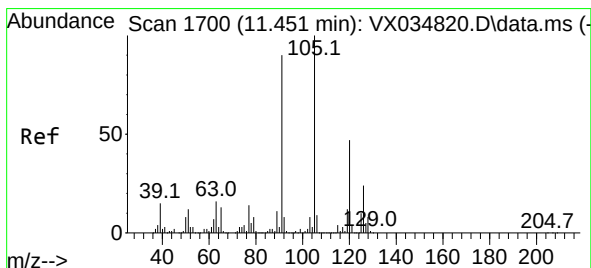
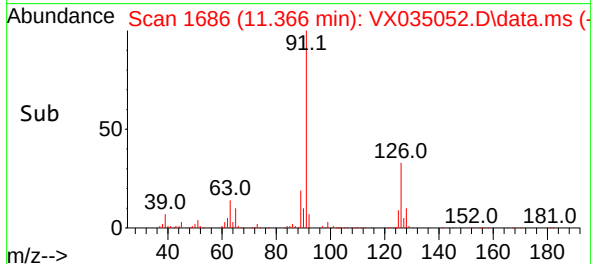
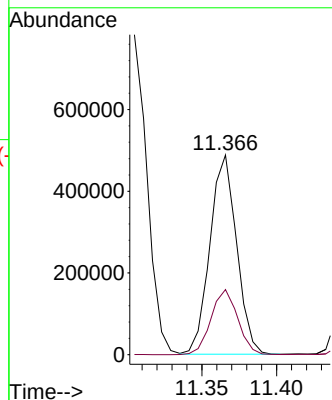
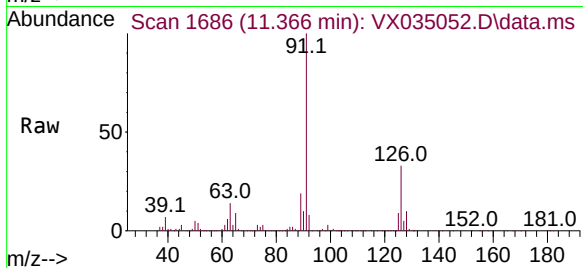
#79
2-Chlorotoluene
Concen: 51.889 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VX035052.D
Acq: 12 Apr 2023 17:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 605090
Ion Ratio Lower Upper
91 100
126 32.8 16.3 48.9

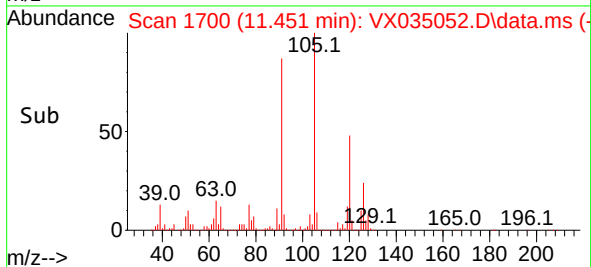
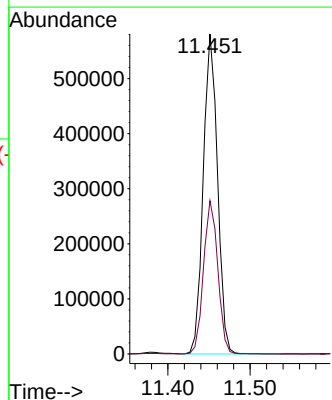
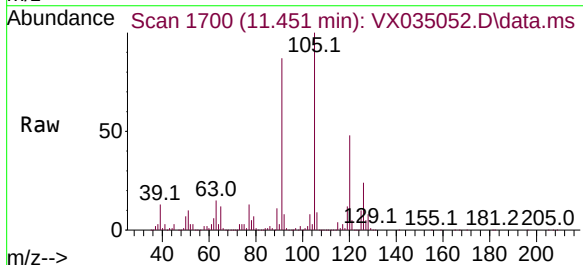
Manual Integrations
APPROVED

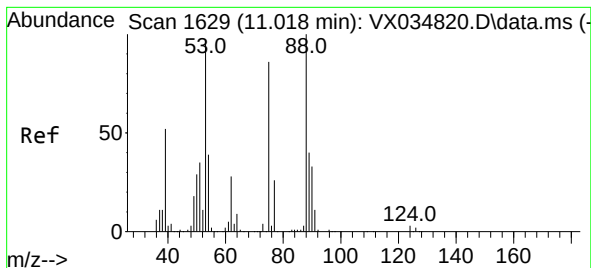
Reviewed By :John Carlone 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#80
1,3,5-Trimethylbenzene
Concen: 52.388 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035052.D
Acq: 12 Apr 2023 17:47

Tgt Ion:105 Resp: 700309
Ion Ratio Lower Upper
105 100
120 48.1 23.7 71.1





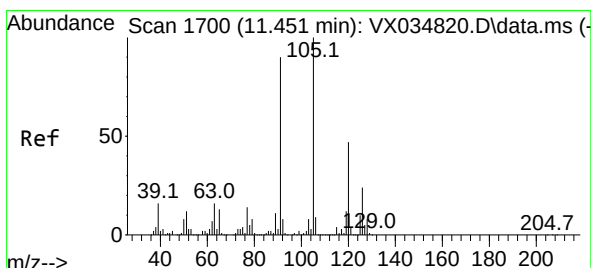
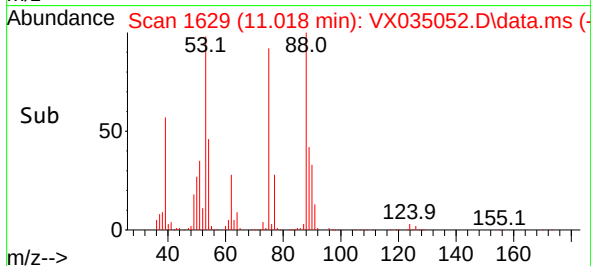
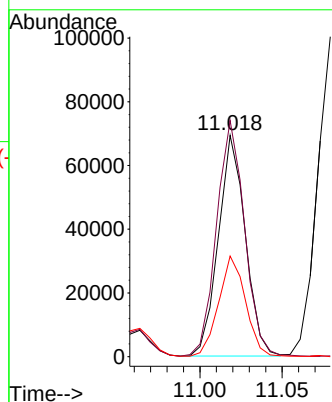
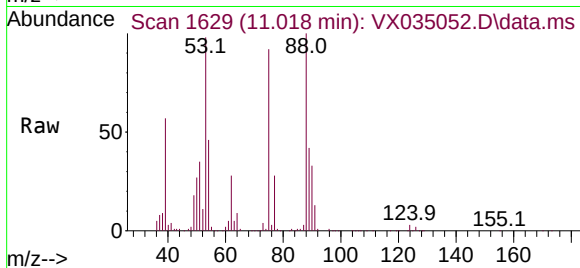
#81
trans-1,4-Dichloro-2-butene
Concen: 53.854 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX035052.D
Acq: 12 Apr 2023 17:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 79029
Ion Ratio Lower Upper
75 100
53 110.8 82.6 124.0
89 45.3 36.9 55.3

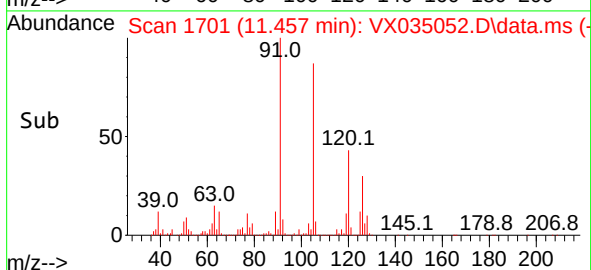
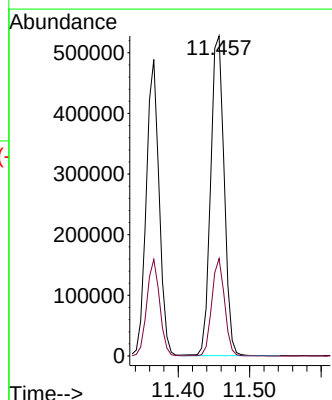
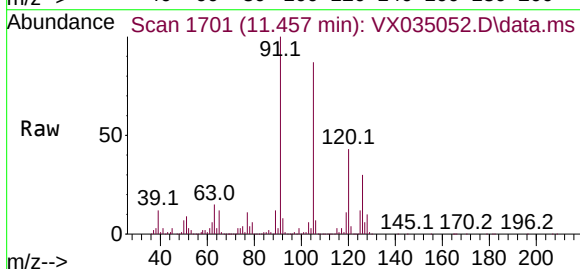
Manual Integrations
APPROVED

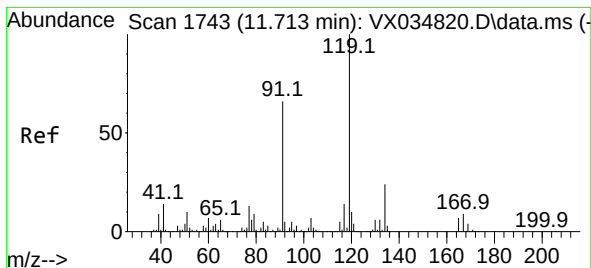
Reviewed By :John Carlone 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#82
4-Chlorotoluene
Concen: 51.050 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX035052.D
Acq: 12 Apr 2023 17:47

Tgt Ion: 91 Resp: 691302
Ion Ratio Lower Upper
91 100
126 28.8 14.2 42.6





#83

tert-Butylbenzene

Concen: 52.901 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX035052.D

Acq: 12 Apr 2023 17:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:119 Resp: 664060

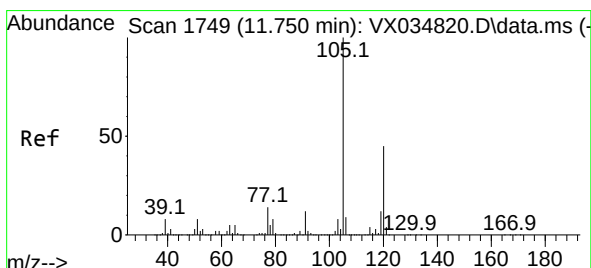
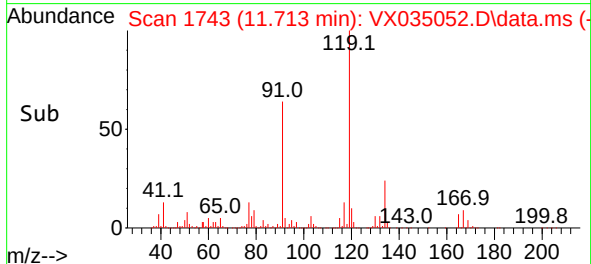
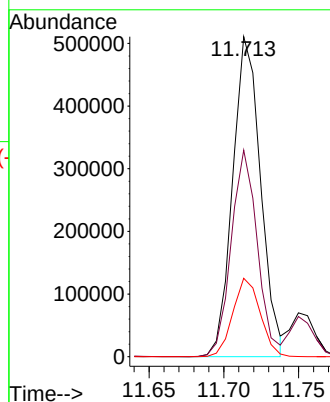
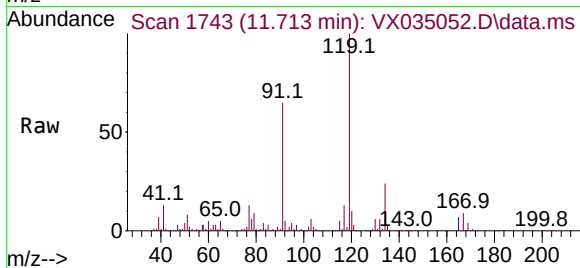
Ion	Ratio	Lower	Upper
119	100		
91	60.4	30.6	92.0
134	24.0	11.8	35.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/13/2023

Supervised By :Mahesh Dadoda 04/13/2023



#84

1,2,4-Trimethylbenzene

Concen: 51.819 ug/l

RT: 11.750 min Scan# 1749

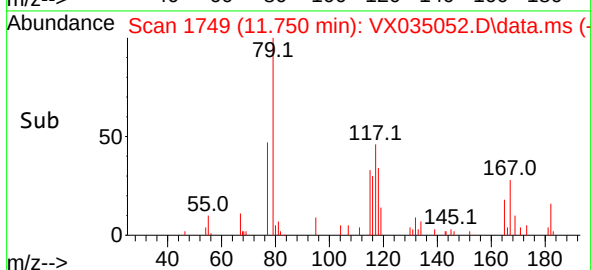
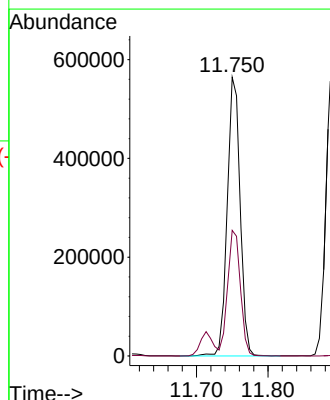
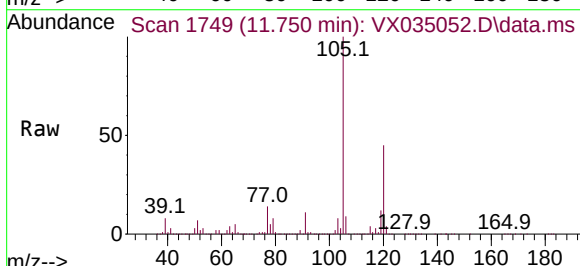
Delta R.T. -0.000 min

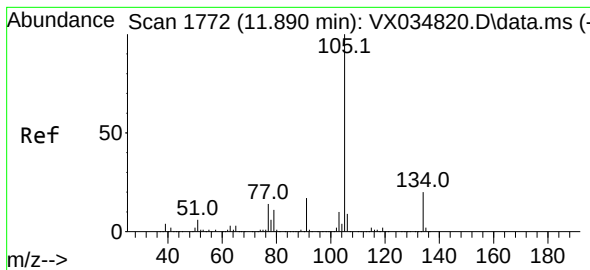
Lab File: VX035052.D

Acq: 12 Apr 2023 17:47

Tgt Ion:105 Resp: 704440

Ion	Ratio	Lower	Upper
105	100		
120	44.6	22.4	67.0





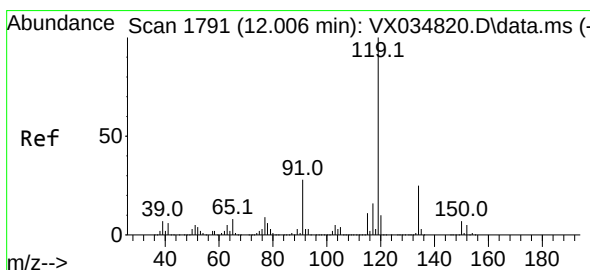
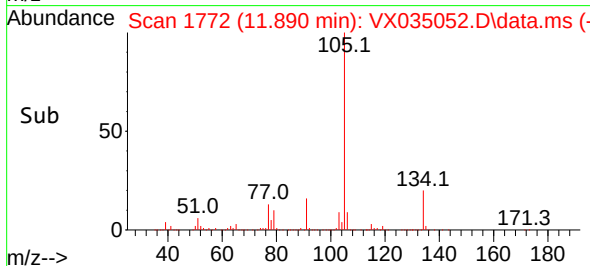
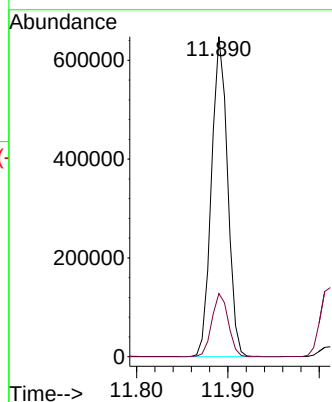
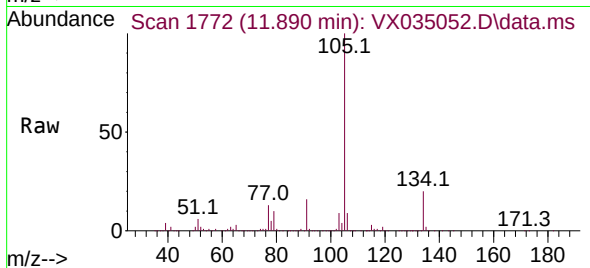
#85
 sec-Butylbenzene
 Concen: 51.743 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX035052.D
 Acq: 12 Apr 2023 17:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 79019
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.2 30.4

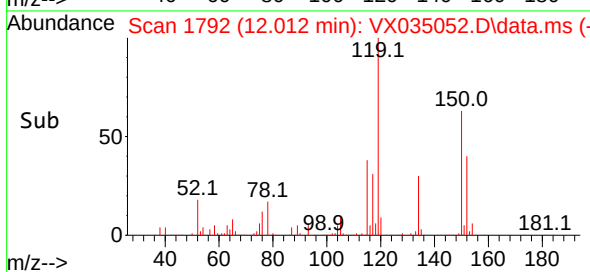
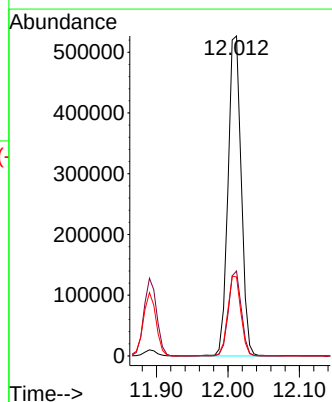
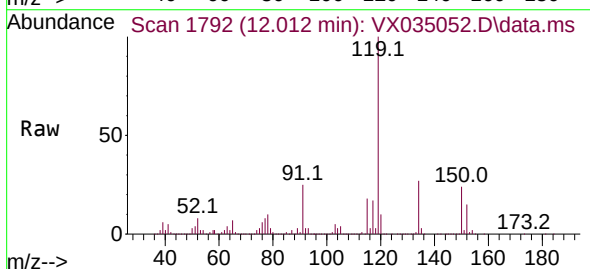
Manual Integrations
 APPROVED

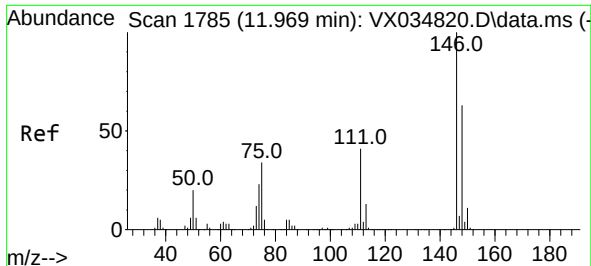
Reviewed By :John Carlone 04/13/2023
 Supervised By :Mahesh Dadoda 04/13/2023



#86
 p-Isopropyltoluene
 Concen: 52.841 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX035052.D
 Acq: 12 Apr 2023 17:47

Tgt Ion:119 Resp: 672880
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.2 39.5
 91 24.9 12.9 38.7





#87

1,3-Dichlorobenzene

Concen: 53.630 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX035052.D

Acq: 12 Apr 2023 17:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

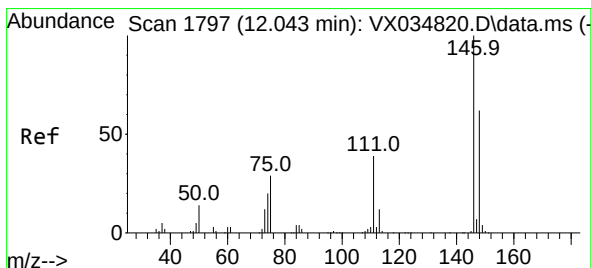
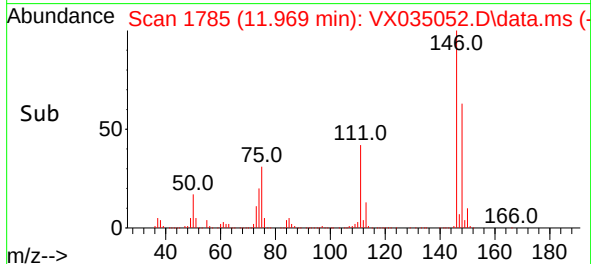
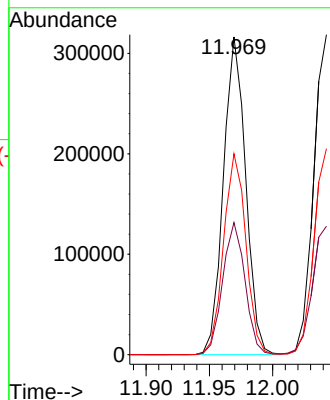
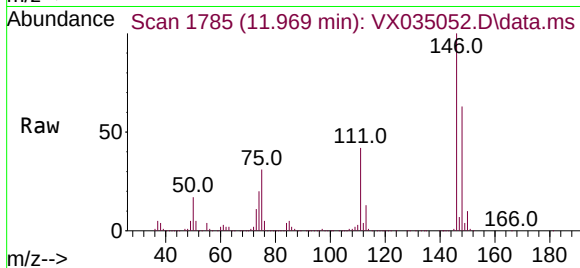
Tgt Ion:146	Resp: 386920
Ion Ratio	Lower Upper
146	100
111	42.0 20.9 62.8
148	63.5 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/13/2023

Supervised By :Mahesh Dadoda 04/13/2023



#88

1,4-Dichlorobenzene

Concen: 51.618 ug/l

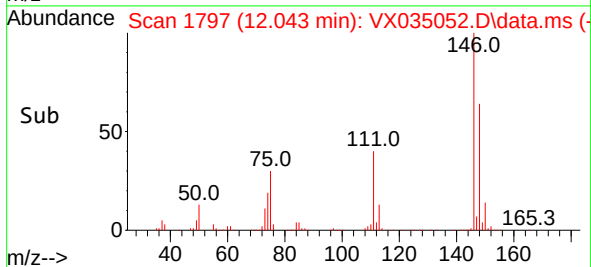
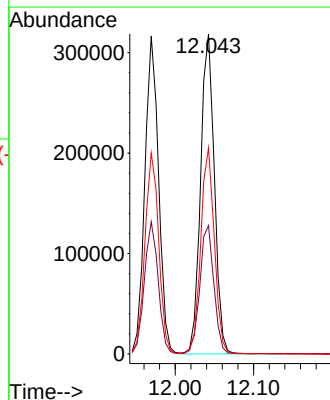
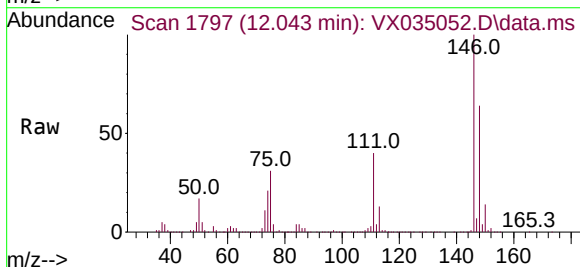
RT: 12.043 min Scan# 1797

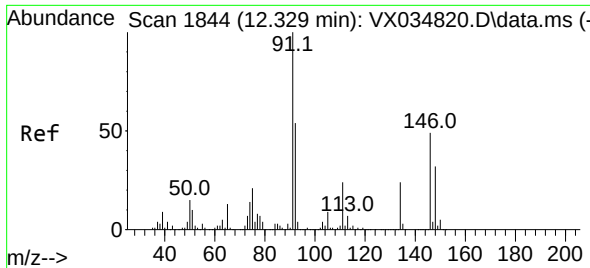
Delta R.T. -0.000 min

Lab File: VX035052.D

Acq: 12 Apr 2023 17:47

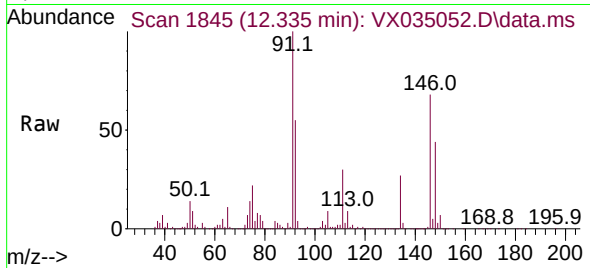
Tgt Ion:146	Resp: 388949
Ion Ratio	Lower Upper
146	100
111	41.2 20.6 61.9
148	63.9 31.8 95.4





#89
n-Butylbenzene
Concen: 51.809 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX035052.D
Acq: 12 Apr 2023 17:47

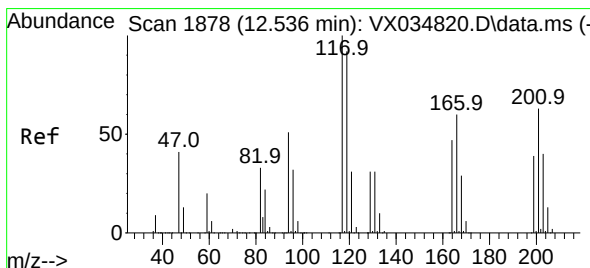
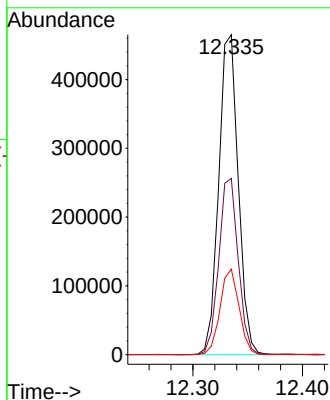
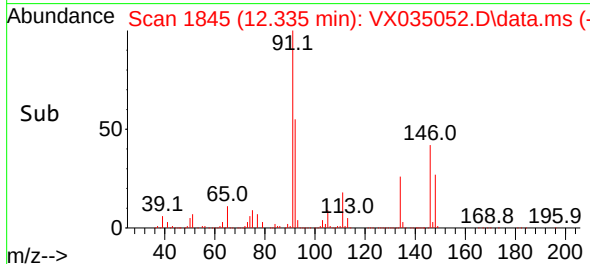
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



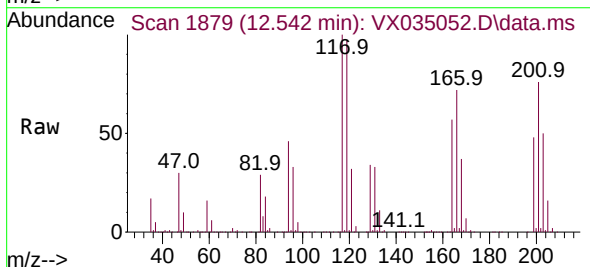
Tgt Ion: 91 Resp: 576414
Ion Ratio Lower Upper
91 100
92 54.9 27.7 83.0
134 26.1 13.0 38.9

Manual Integrations
APPROVED

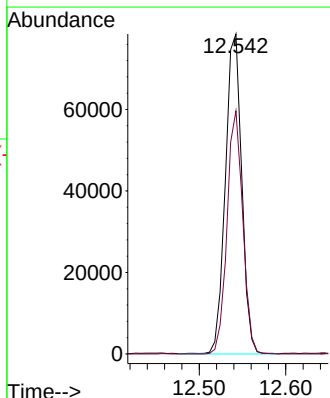
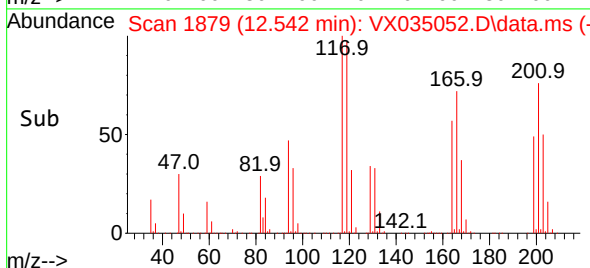
Reviewed By :John Carlone 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023

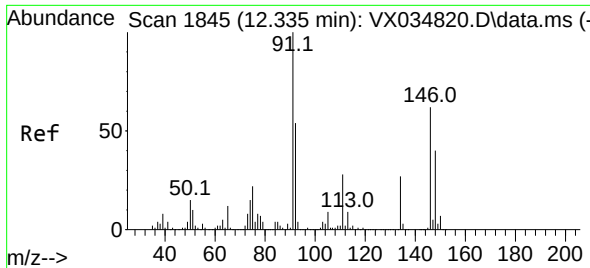


#90
Hexachloroethane
Concen: 52.324 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. 0.006 min
Lab File: VX035052.D
Acq: 12 Apr 2023 17:47



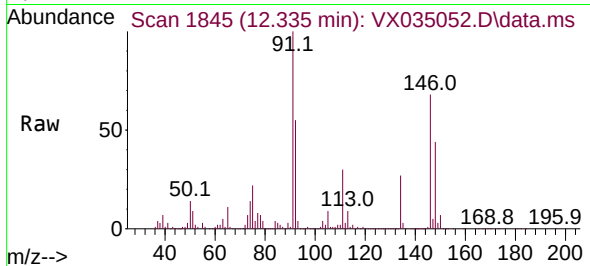
Tgt Ion:117 Resp: 103233
Ion Ratio Lower Upper
117 100
201 72.9 34.4 103.1





#91
1,2-Dichlorobenzene
Concen: 53.519 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX035052.D
Acq: 12 Apr 2023 17:47

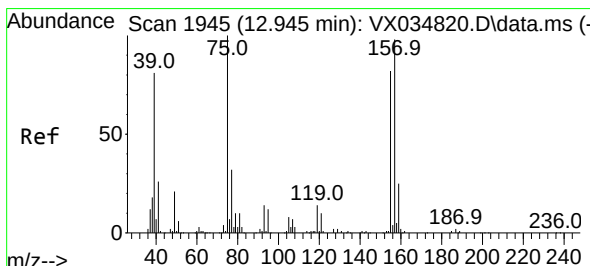
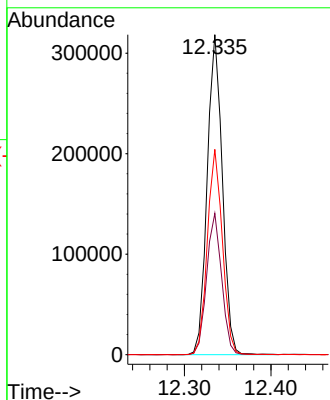
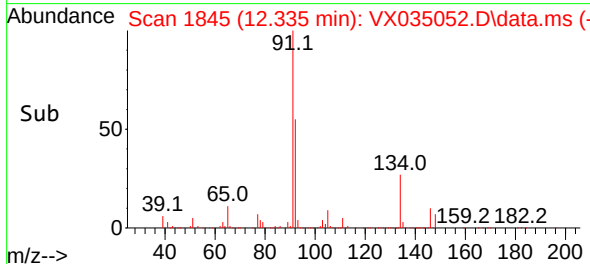
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



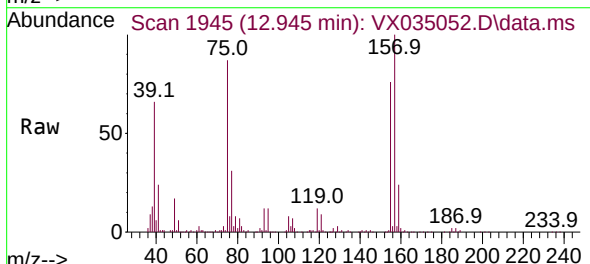
Tgt Ion:146 Resp: 386709
Ion Ratio Lower Upper
146 100
111 43.7 22.0 66.0
148 63.8 32.0 96.0

Manual Integrations
APPROVED

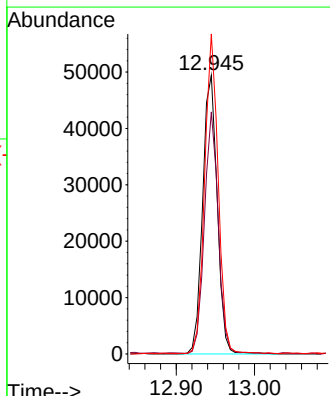
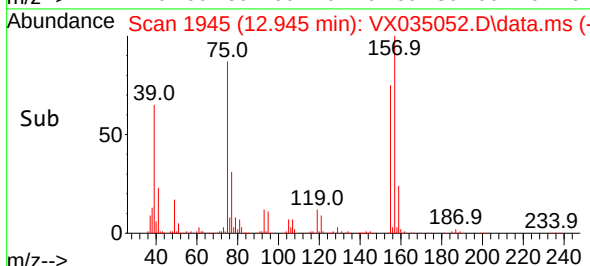
Reviewed By :John Carlone 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023

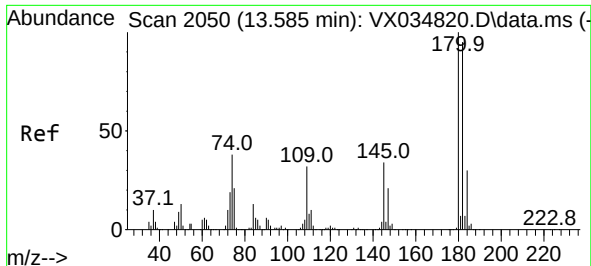


#92
1,2-Dibromo-3-Chloropropane
Concen: 58.258 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX035052.D
Acq: 12 Apr 2023 17:47



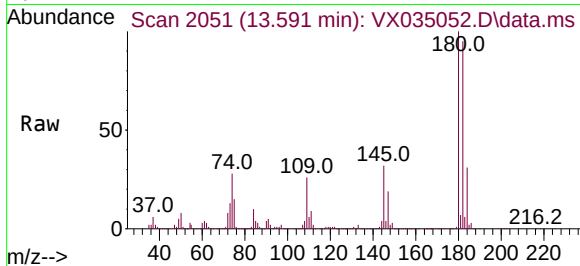
Tgt Ion: 75 Resp: 63721
Ion Ratio Lower Upper
75 100
155 82.1 38.4 115.1
157 106.5 49.9 149.7





#93
1,2,4-Trichlorobenzene
Concen: 55.820 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX035052.D
Acq: 12 Apr 2023 17:47

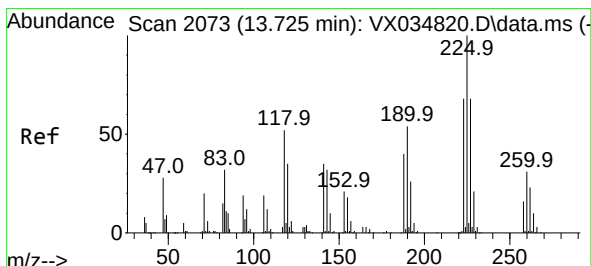
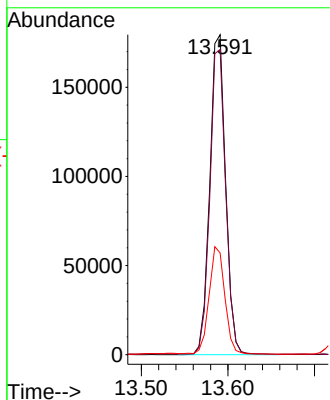
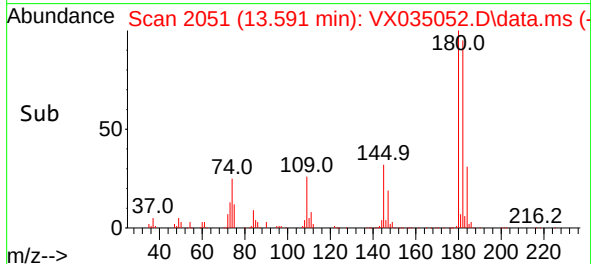
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:180 Resp: 228119
Ion Ratio Lower Upper
180 100
182 94.9 47.0 141.0
145 33.5 15.9 47.7

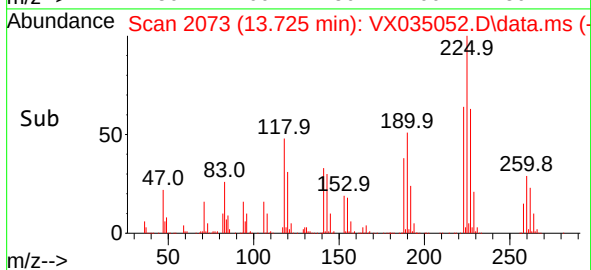
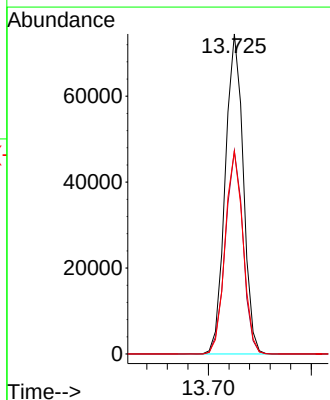
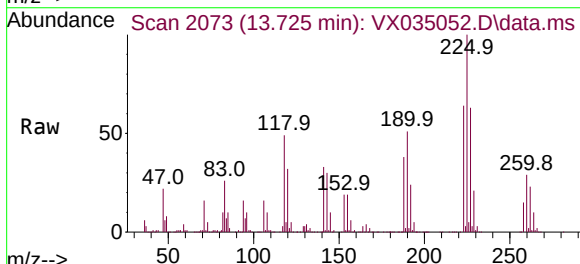
Manual Integrations
APPROVED

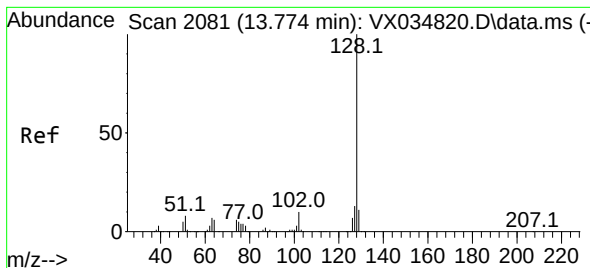
Reviewed By :John Carlone 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#94
Hexachlorobutadiene
Concen: 50.184 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX035052.D
Acq: 12 Apr 2023 17:47

Tgt Ion:225 Resp: 90204
Ion Ratio Lower Upper
225 100
223 62.4 32.1 96.5
227 62.9 31.8 95.4





#95

Naphthalene

Concen: 59.303 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX035052.D

Acq: 12 Apr 2023 17:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

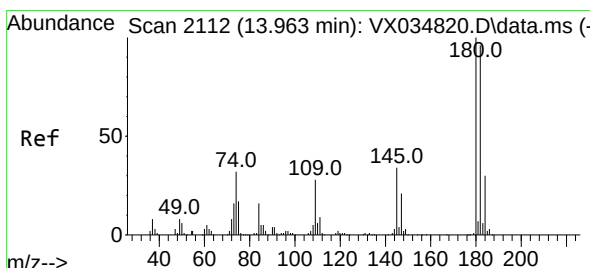
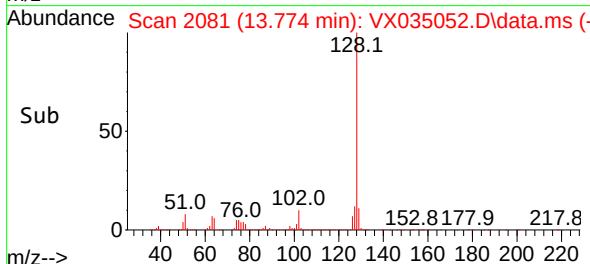
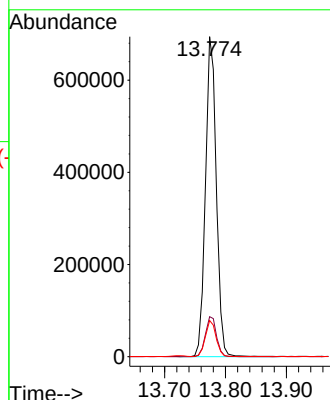
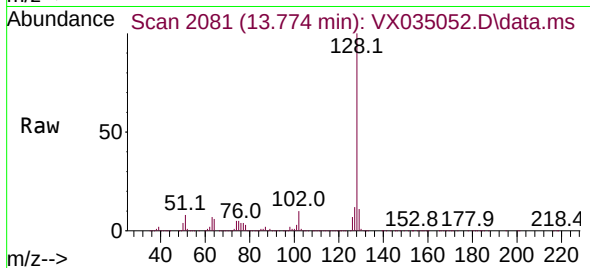
Tgt Ion:	128	Resp:	86115
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.2	15.4
129	11.1	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/13/2023

Supervised By :Mahesh Dadoda 04/13/2023



#96

1,2,3-Trichlorobenzene

Concen: 55.295 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX035052.D

Acq: 12 Apr 2023 17:47

Tgt Ion:	180	Resp:	227881
Ion Ratio	Lower	Upper	
180	100		
182	95.4	48.0	144.2
145	35.1	17.7	53.1

