

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051523\
 Data File : VX035677.D
 Acq On : 15 May 2023 19:51
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/16/2023
 Supervised By : Mahesh Dadoda 05/16/2023

Quant Time: May 16 05:05:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 11 13:57:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	156258	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	323841	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	297368	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	135737	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	169542	62.195	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 124.380%#			
35) Dibromofluoromethane	5.385	113	111005	50.827	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.660%			
50) Toluene-d8	8.647	98	388462	48.148	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.300%			
62) 4-Bromofluorobenzene	11.079	95	162617	50.058	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.120%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	70359	34.550	ug/l	98
3) Chloromethane	1.294	50	116125	46.989	ug/l	98
4) Vinyl Chloride	1.374	62	98573	47.000	ug/l	95
5) Bromomethane	1.618	94	69274	60.987	ug/l	96
6) Chloroethane	1.691	64	68530	53.861	ug/l	98
7) Trichlorofluoromethane	1.886	101	118836	38.535	ug/l	99
8) Diethyl Ether	2.130	74	74955	63.127	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	65836	35.958	ug/l	95
10) Methyl Iodide	2.453	142	105966	64.711	ug/l	93
11) Tert butyl alcohol	3.026	59	157834	328.181	ug/l #	84
12) 1,1-Dichloroethene	2.319	96	81799	47.007	ug/l	88
13) Acrolein	2.239	56	158833	278.258	ug/l	100
14) Allyl chloride	2.666	41	204949	54.976	ug/l	94
15) Acrylonitrile	3.075	53	358981	338.971	ug/l	98
16) Acetone	2.398	43	345737	295.094	ug/l	92
17) Carbon Disulfide	2.514	76	191223	45.533	ug/l	99
18) Methyl Acetate	2.709	43	294043	68.051	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	433397	62.588	ug/l	100
20) Methylene Chloride	2.788	84	125195	58.960	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	101798	53.388	ug/l	91
22) Diisopropyl ether	3.757	45	440732	60.382	ug/l	99
23) Vinyl Acetate	3.721	43	1666085	322.596	ug/l	97
24) 1,1-Dichloroethane	3.611	63	223726	57.311	ug/l	98
25) 2-Butanone	4.568	43	535455	330.144	ug/l	99
26) 2,2-Dichloropropane	4.477	77	151235	45.749	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	133598	58.284	ug/l	96
28) Bromochloromethane	4.897	49	112377	64.001	ug/l	95
29) Tetrahydrofuran	5.013	42	341252	334.754	ug/l	98
30) Chloroform	5.093	83	237350	59.335	ug/l	96
31) Cyclohexane	5.471	56	123683	35.912	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	179420	51.550	ug/l	98
36) 1,1-Dichloropropene	5.690	75	142927	41.460	ug/l	97
37) Ethyl Acetate	4.715	43	206810	57.517	ug/l	100
38) Carbon Tetrachloride	5.678	117	131485	40.264	ug/l	99
39) Methylcyclohexane	7.379	83	113020	27.852	ug/l	95
40) Benzene	6.037	78	470555	48.793	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	121140	56.743	ug/l	96
42) 1,2-Dichloroethane	6.086	62	221455	53.382	ug/l	97
43) Isopropyl Acetate	6.342	43	351844	56.115	ug/l	99
44) Trichloroethene	7.123	130	112498	46.005	ug/l	92
45) 1,2-Dichloropropane	7.427	63	132259	51.782	ug/l	99
46) Dibromomethane	7.580	93	94934	54.299	ug/l	94
47) Bromodichloromethane	7.824	83	178537	52.833	ug/l	98
48) Methyl methacrylate	7.690	41	173927	56.208	ug/l	96
49) 1,4-Dioxane	7.726	88	67765	1091.159	ug/l #	78
51) 4-Methyl-2-Pentanone	8.574	43	1055984	292.338	ug/l	99
52) Toluene	8.720	92	289205	47.507	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	199276	54.278	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	209453	53.247	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	129463	54.146	ug/l	98
56) Ethyl methacrylate	9.116	69	214791	55.472	ug/l	96
57) 1,3-Dichloropropane	9.305	76	232807	53.711	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	555071	281.795	ug/l	99
59) 2-Hexanone	9.433	43	797897	293.308	ug/l	99
60) Dibromochloromethane	9.519	129	126645	55.567	ug/l	99
61) 1,2-Dibromoethane	9.610	107	136566	54.211	ug/l	100
64) Tetrachloroethene	9.275	164	78345	39.133	ug/l	94
65) Chlorobenzene	10.079	112	309973	47.753	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	115583	50.357	ug/l	98
67) Ethyl Benzene	10.195	91	552786	45.280	ug/l	96
68) m/p-Xylenes	10.299	106	405485	89.856	ug/l	94
69) o-Xylene	10.640	106	208895	46.650	ug/l	94
70) Styrene	10.653	104	357725	49.568	ug/l	98
71) Bromoform	10.799	173	80892	53.564	ug/l	99
73) Isopropylbenzene	10.963	105	504198	44.081	ug/l	99
74) N-amyl acetate	10.841	43	290305	54.436	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	203210	54.768	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	174874m	52.670	ug/l	
77) Bromobenzene	11.195	156	128173	49.372	ug/l	92
78) n-propylbenzene	11.305	91	583784	43.419	ug/l	98
79) 2-Chlorotoluene	11.366	91	391359	46.491	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	436643	44.916	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	56371	54.719	ug/l	90
82) 4-Chlorotoluene	11.451	91	457251	47.166	ug/l	97
83) tert-Butylbenzene	11.713	119	402878	42.634	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	453300	46.439	ug/l	97
85) sec-Butylbenzene	11.890	105	467563	39.408	ug/l	98
86) p-Isopropyltoluene	12.006	119	405978	41.621	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	233619	47.371	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	234777	47.144	ug/l	97
89) n-Butylbenzene	12.329	91	345913	38.984	ug/l	97
90) Hexachloroethane	12.536	117	65384	44.226	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	234292	48.514	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.939	75	48462	58.655	ug/l	89
93) 1,2,4-Trichlorobenzene	13.585	180	136863	47.066	ug/l	99
94) Hexachlorobutadiene	13.725	225	37683	32.649	ug/l	99
95) Naphthalene	13.774	128	529909	53.213	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	132997	46.504	ug/l	99

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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

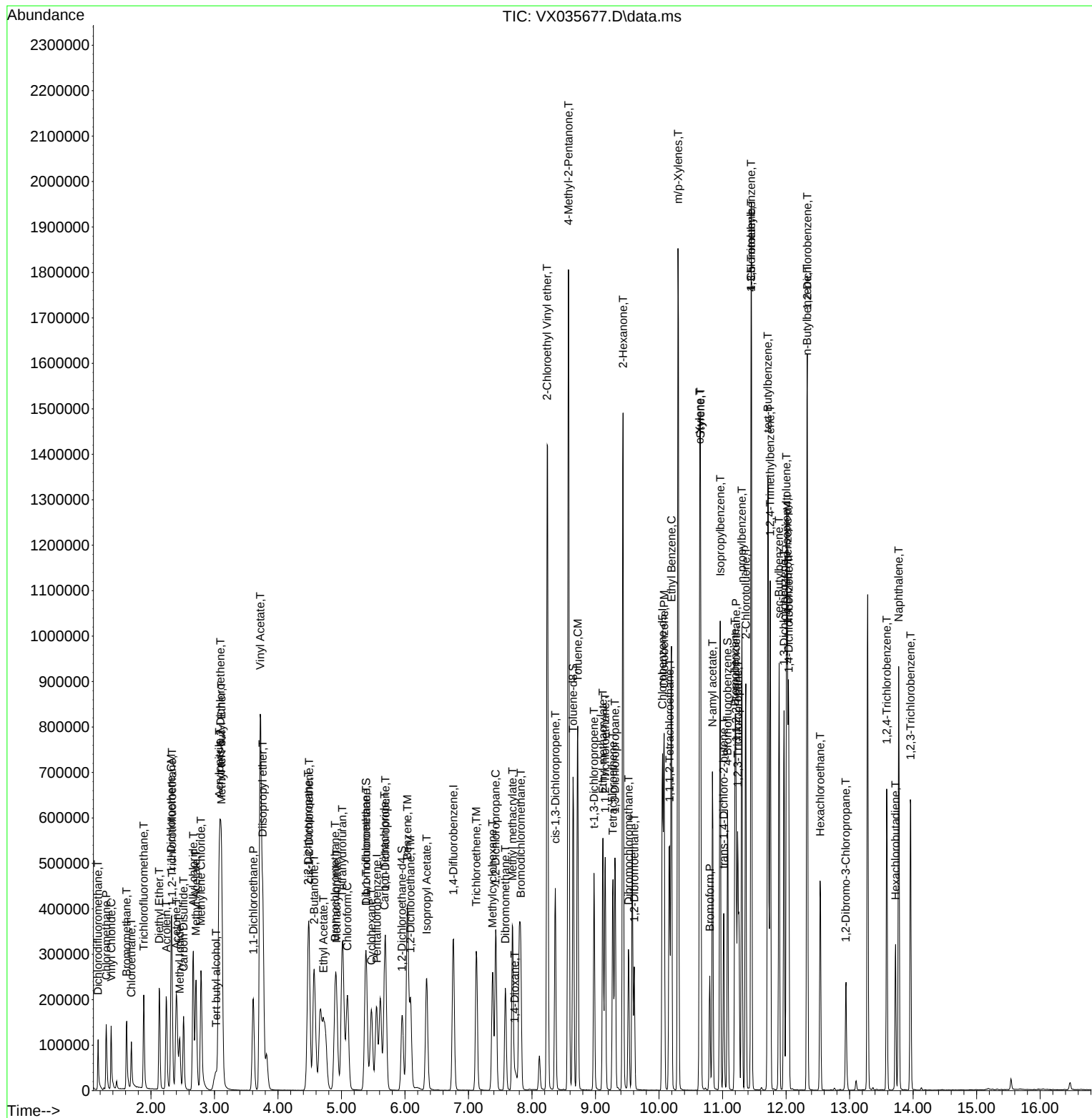
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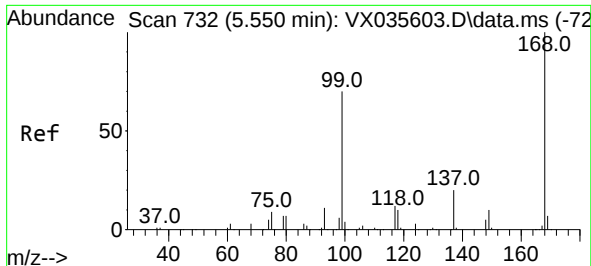
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Manual Integrations APPROVED

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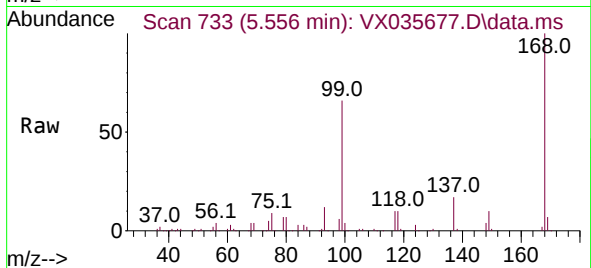
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX035677.D
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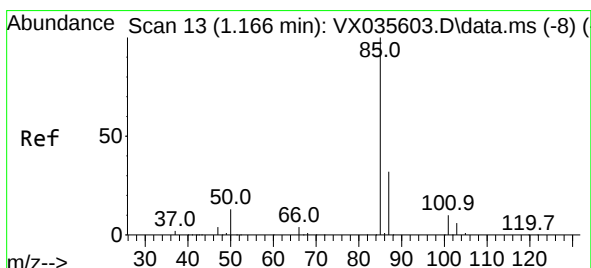
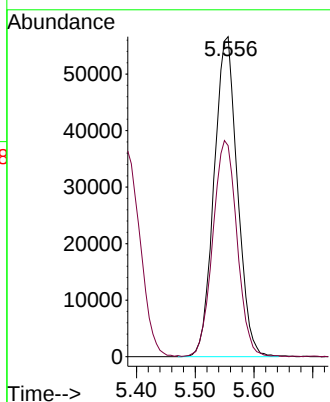
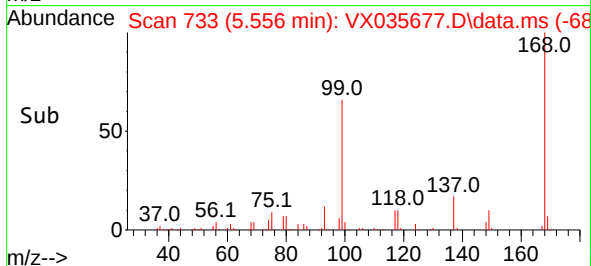
Instrument :
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VSTDCCC050EC



Tgt Ion:168 Resp: 156258
Ion Ratio Lower Upper
168 100
99 65.7 45.7 68.5

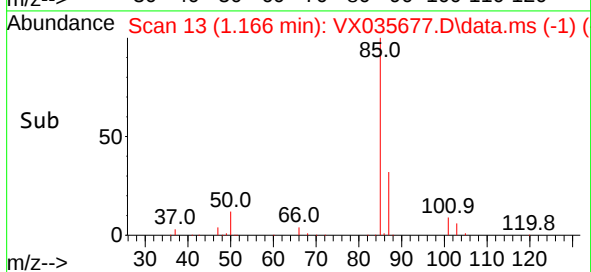
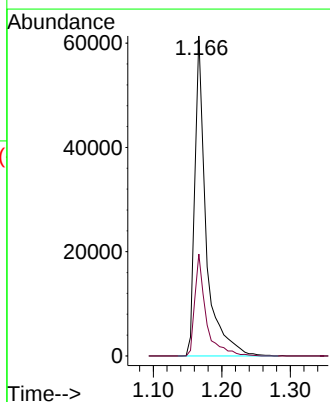
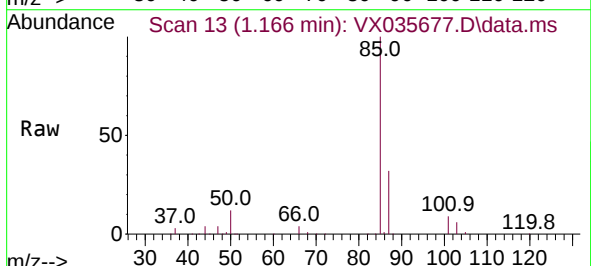
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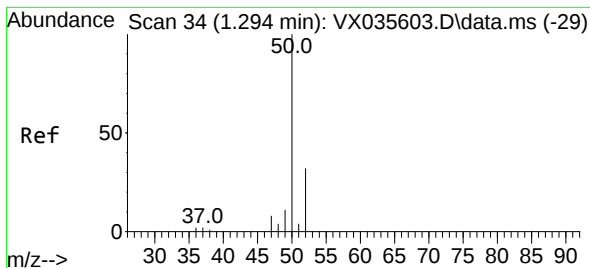
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#2
Dichlorodifluoromethane
Concen: 34.550 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX035677.D
Acq: 15 May 2023 19:51

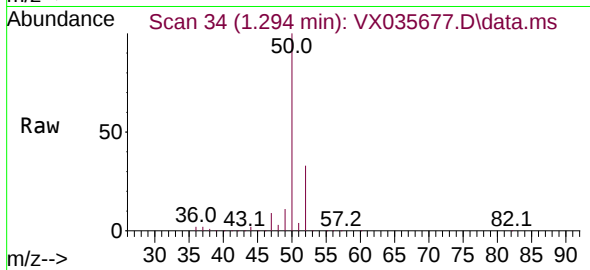
Tgt Ion: 85 Resp: 70359
Ion Ratio Lower Upper
85 100
87 31.8 16.4 49.1





#3
Chloromethane
Concen: 46.989 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX035677.D
Acq: 15 May 2023 19:51

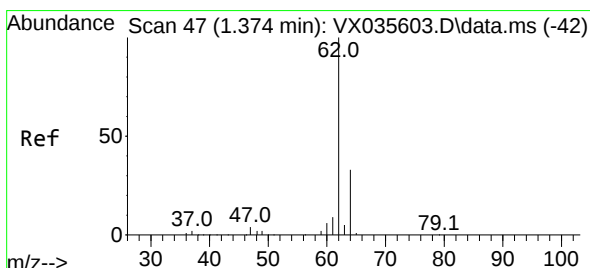
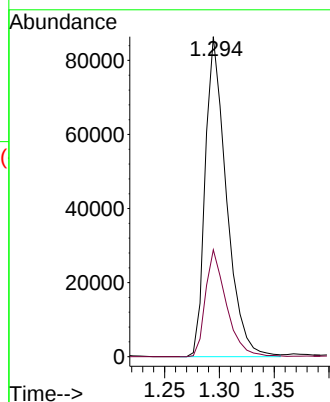
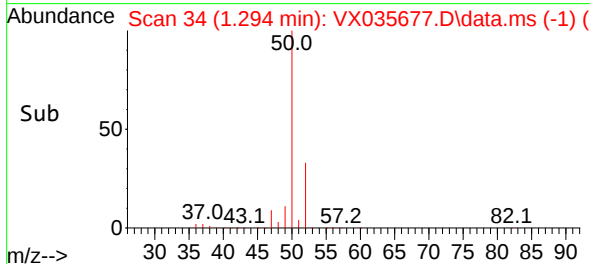
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Tgt Ion: 50 Resp: 116125
Ion Ratio Lower Upper
50 100
52 33.4 25.9 38.9

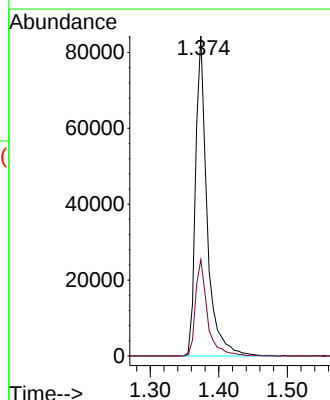
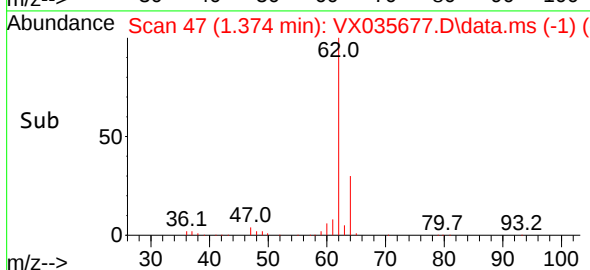
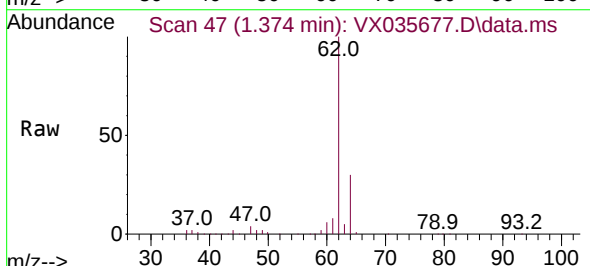
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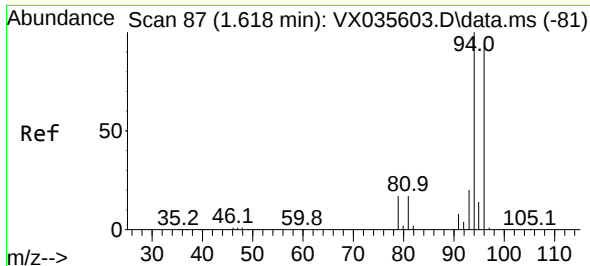
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#4
Vinyl Chloride
Concen: 47.000 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX035677.D
Acq: 15 May 2023 19:51

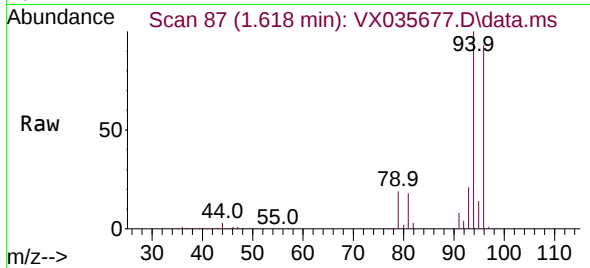
Tgt Ion: 62 Resp: 98573
Ion Ratio Lower Upper
62 100
64 30.0 26.4 39.6





#5
 Bromomethane
 Concen: 60.987 ug/l
 RT: 1.618 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VX035677.D
 Acq: 15 May 2023 19:51

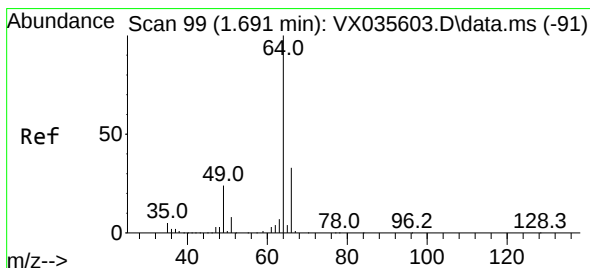
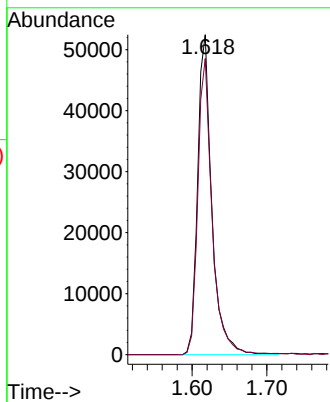
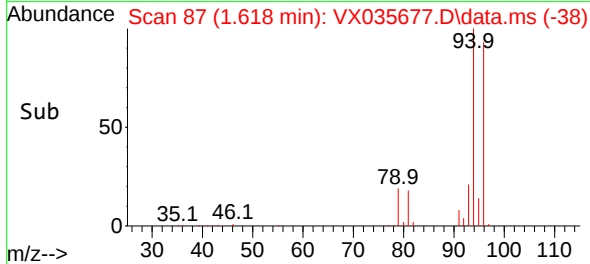
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Tgt Ion: 94 Resp: 69274
 Ion Ratio Lower Upper
 94 100
 96 92.5 77.0 115.6

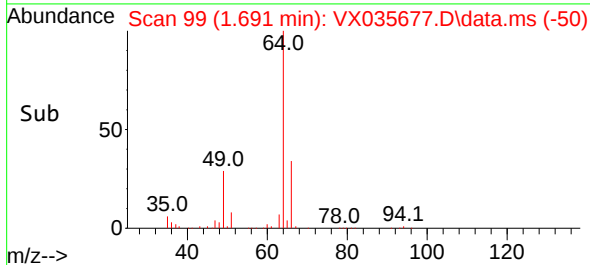
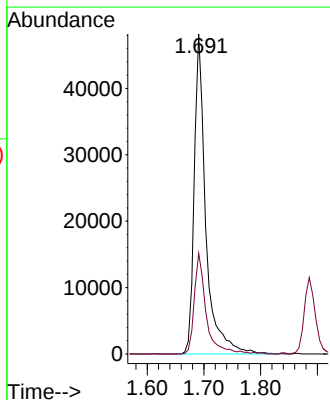
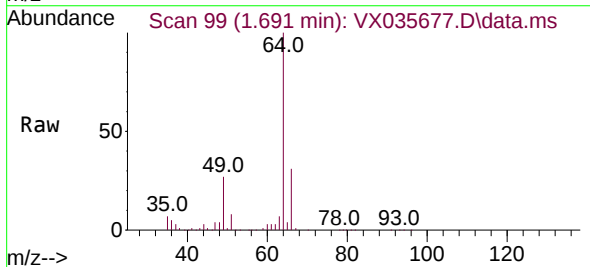
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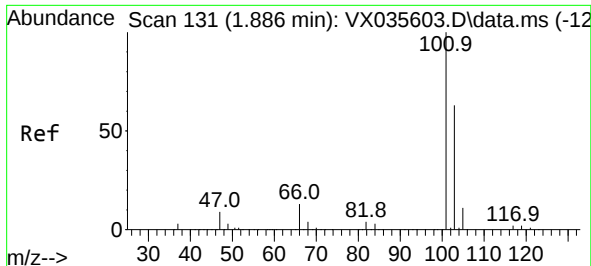
Reviewed By :John Carlone 05/16/2023
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#6
 Chloroethane
 Concen: 53.861 ug/l
 RT: 1.691 min Scan# 99
 Delta R.T. -0.000 min
 Lab File: VX035677.D
 Acq: 15 May 2023 19:51

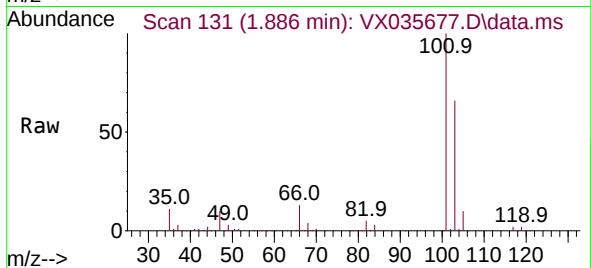
Tgt Ion: 64 Resp: 68530
 Ion Ratio Lower Upper
 64 100
 66 31.5 26.2 39.4





#7
 Trichlorofluoromethane
 Concen: 38.535 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX035677.D
 Acq: 15 May 2023 19:51

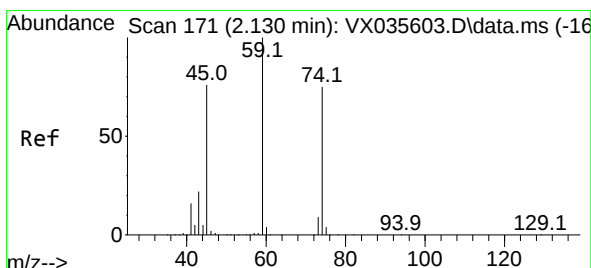
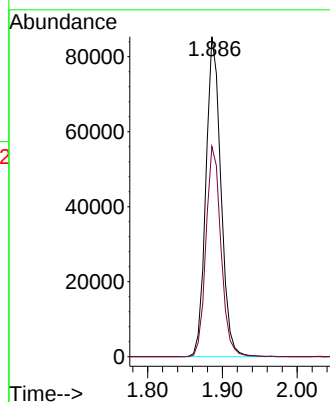
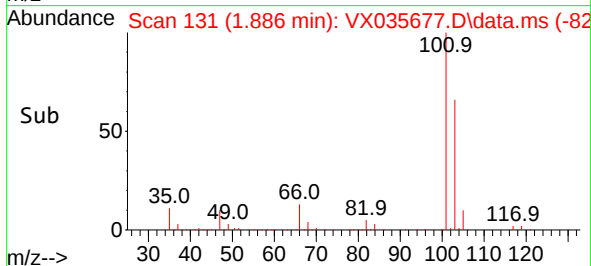
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Tgt Ion:101 Resp: 118830
 Ion Ratio Lower Upper
 101 100
 103 65.7 52.0 78.0

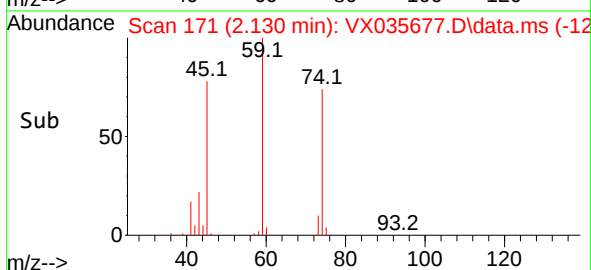
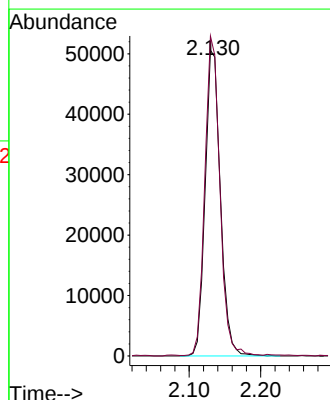
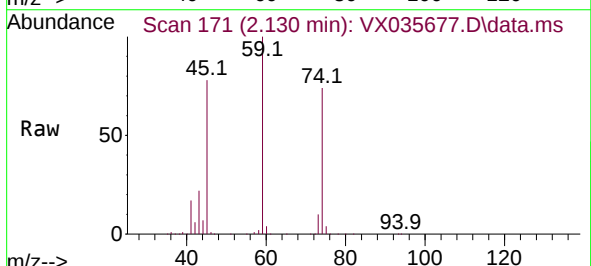
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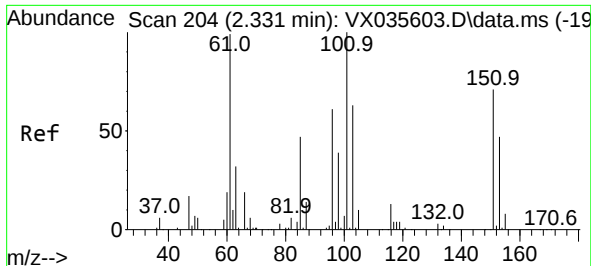
Reviewed By :John Carlone 05/16/2023
 Supervised By :Mahesh Dadoda 05/16/2023



#8
 Diethyl Ether
 Concen: 63.127 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.000 min
 Lab File: VX035677.D
 Acq: 15 May 2023 19:51

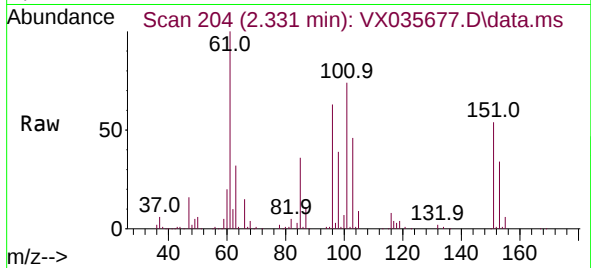
Tgt Ion: 74 Resp: 74955
 Ion Ratio Lower Upper
 74 100
 45 102.7 49.8 149.3





#9
1,1,2-Trichlorotrifluoroethane
Concen: 35.958 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX035677.D
Acq: 15 May 2023 19:51

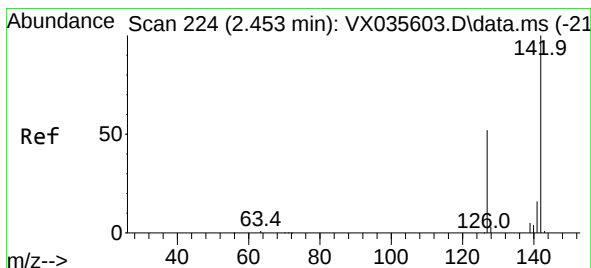
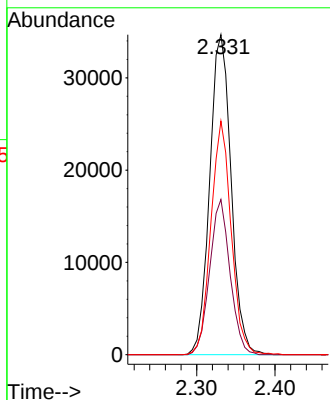
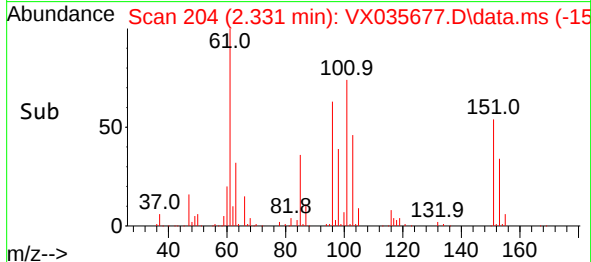
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



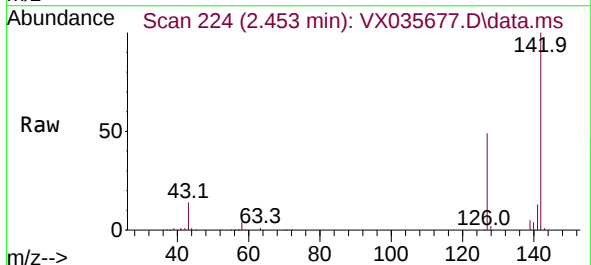
Tgt Ion:101 Resp: 65830
Ion Ratio Lower Upper
101 100
85 46.0 35.4 53.2
151 69.4 60.2 90.4

Manual Integrations
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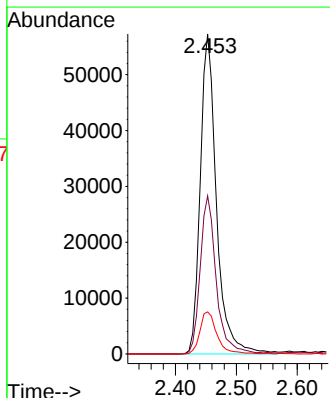
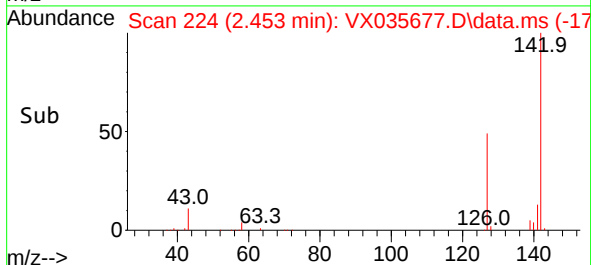
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023

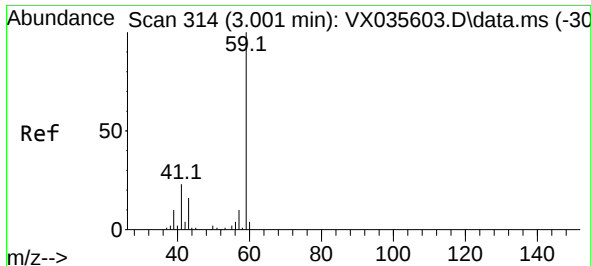


#10
Methyl Iodide
Concen: 64.711 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX035677.D
Acq: 15 May 2023 19:51



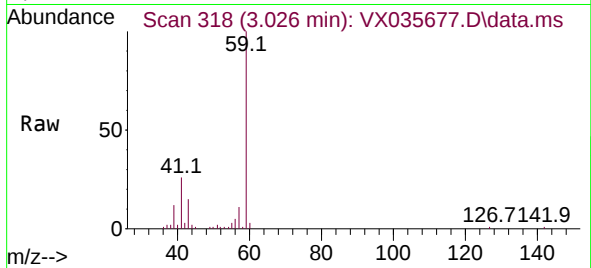
Tgt Ion:142 Resp: 105966
Ion Ratio Lower Upper
142 100
127 48.8 34.0 51.0
141 13.8 11.1 16.7





#11
Tert butyl alcohol
Concen: 328.181 ug/l
RT: 3.026 min Scan# 314
Delta R.T. 0.025 min
Lab File: VX035677.D
Acq: 15 May 2023 19:51

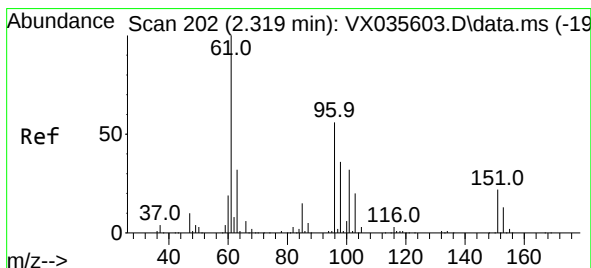
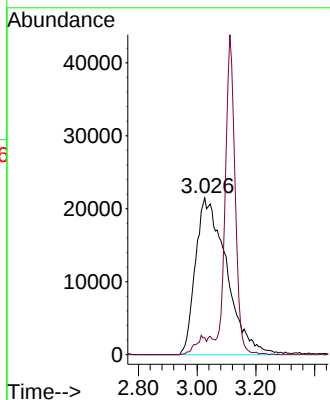
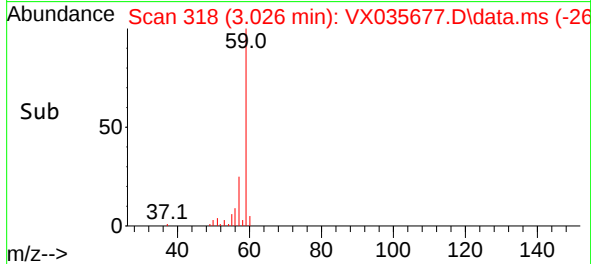
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 157834
Ion Ratio Lower Upper
59 100
57 4.1 8.1 12.1

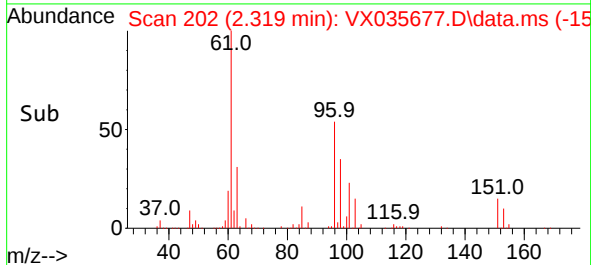
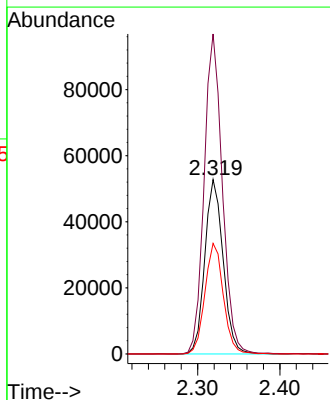
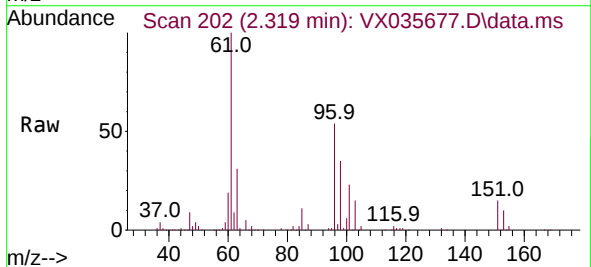
Manual Integrations
APPROVED

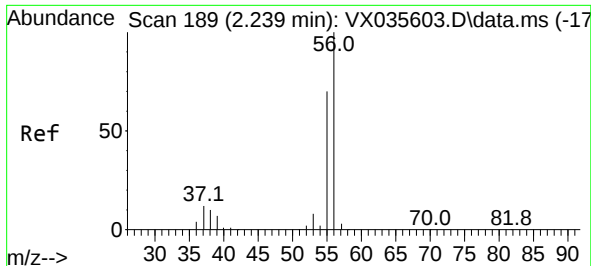
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#12
1,1-Dichloroethene
Concen: 47.007 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX035677.D
Acq: 15 May 2023 19:51

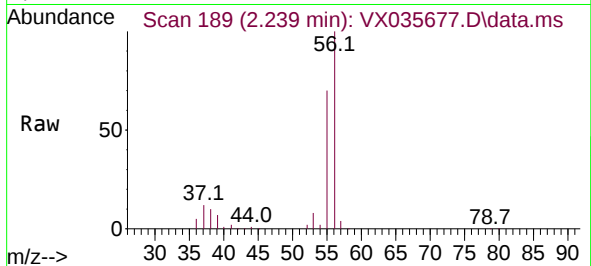
Tgt Ion: 96 Resp: 81799
Ion Ratio Lower Upper
96 100
61 183.5 128.8 193.2
98 63.4 51.4 77.0





#13
Acrolein
Concen: 278.258 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX035677.D
Acq: 15 May 2023 19:51

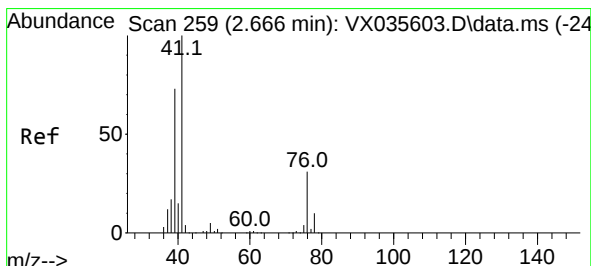
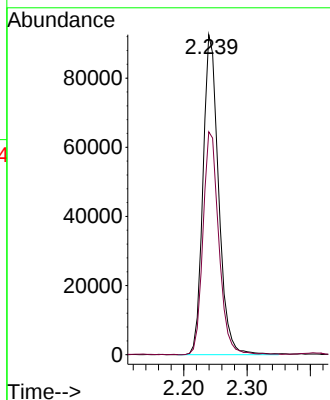
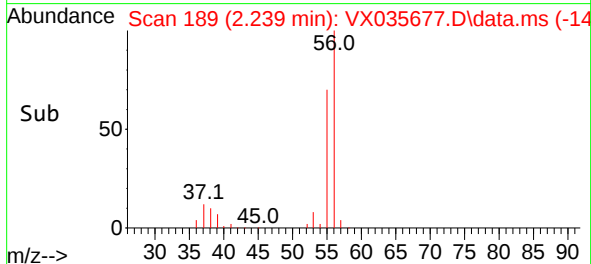
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 15883
Ion Ratio Lower Upper
56 100
55 70.9 56.6 85.0

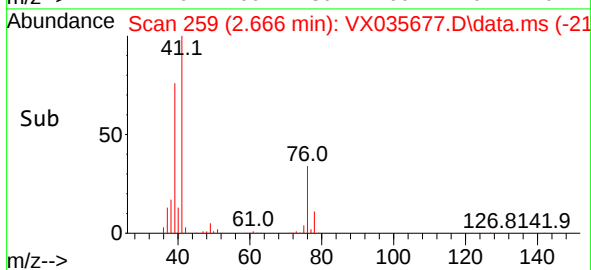
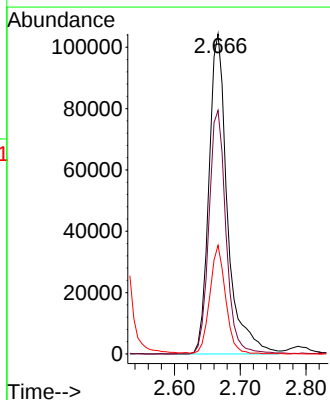
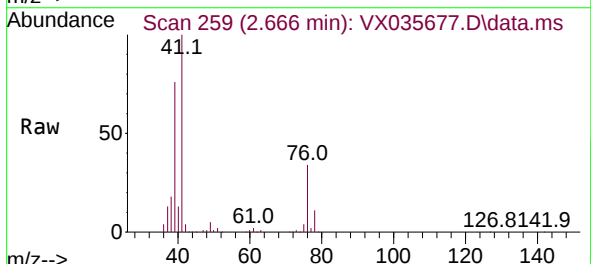
Manual Integrations
APPROVED

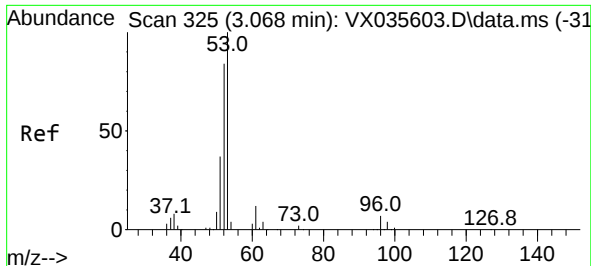
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#14
Allyl chloride
Concen: 54.976 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX035677.D
Acq: 15 May 2023 19:51

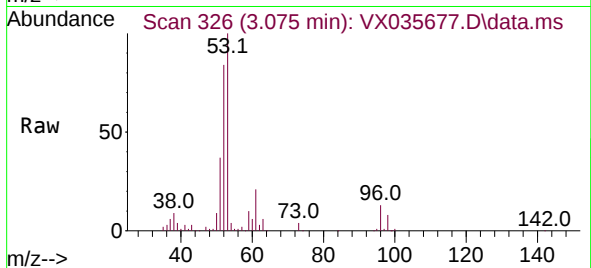
Tgt Ion: 41 Resp: 204949
Ion Ratio Lower Upper
41 100
39 70.2 52.4 78.6
76 28.7 26.0 39.0





#15
Acrylonitrile
Concen: 338.971 ug/l
RT: 3.075 min Scan# 31
Delta R.T. 0.007 min
Lab File: VX035677.D
Acq: 15 May 2023 19:51

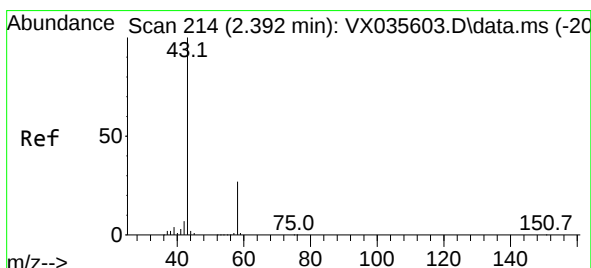
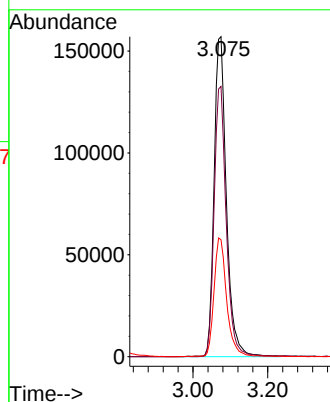
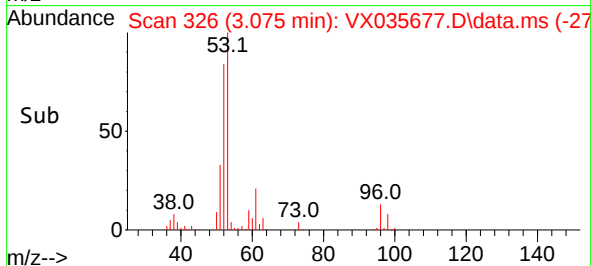
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 35898
Ion Ratio Lower Upper
53 100
52 83.5 66.2 99.2
51 38.1 28.3 42.5

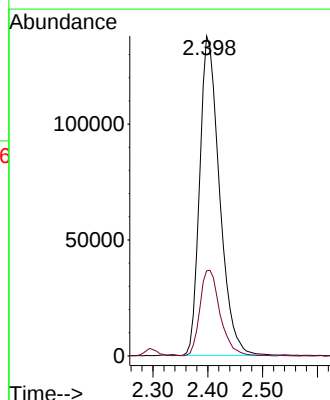
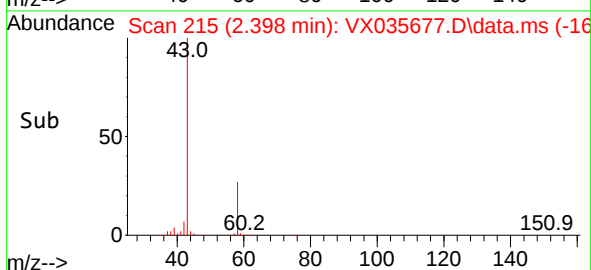
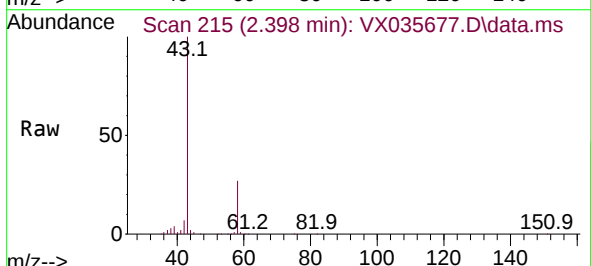
Manual Integrations
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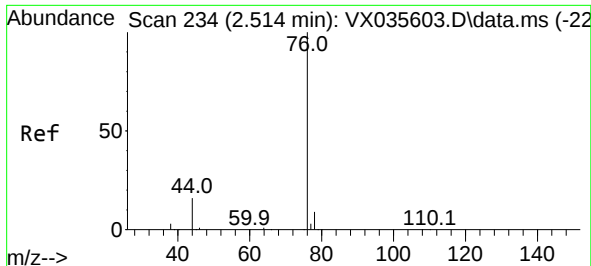
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#16
Acetone
Concen: 295.094 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX035677.D
Acq: 15 May 2023 19:51

Tgt Ion: 43 Resp: 345737
Ion Ratio Lower Upper
43 100
58 26.5 24.7 37.1





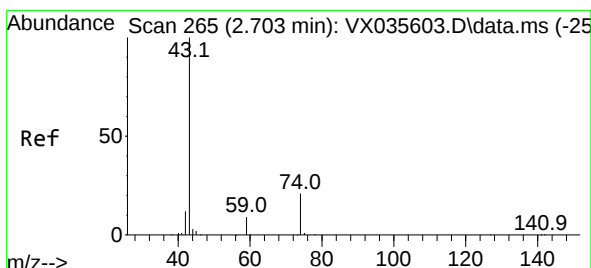
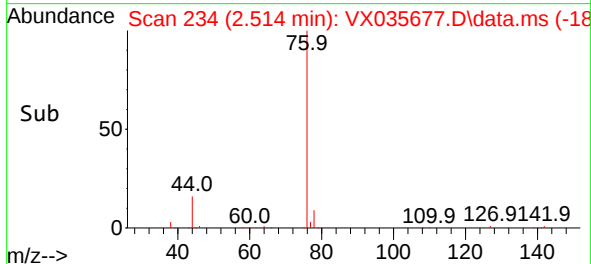
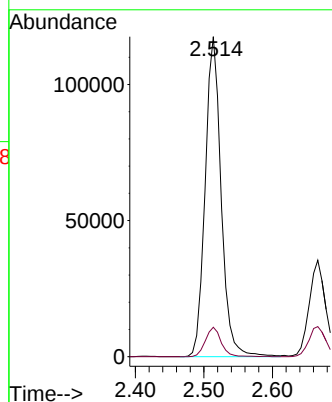
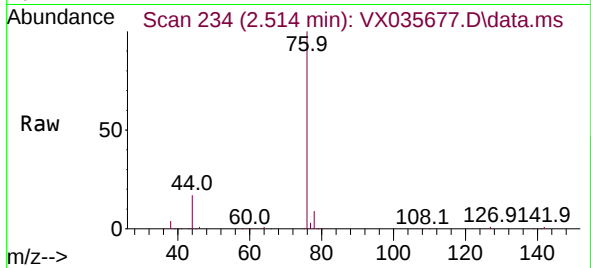
#17
Carbon Disulfide
Concen: 45.533 ug/l
RT: 2.514 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX035677.D
Acq: 15 May 2023 19:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 191223
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8

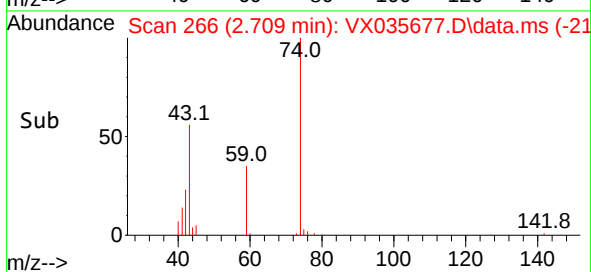
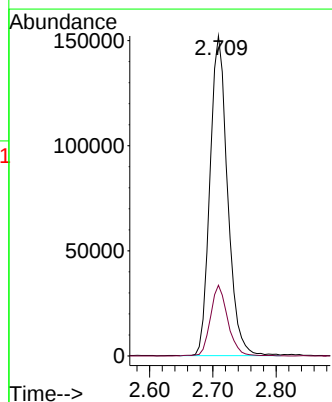
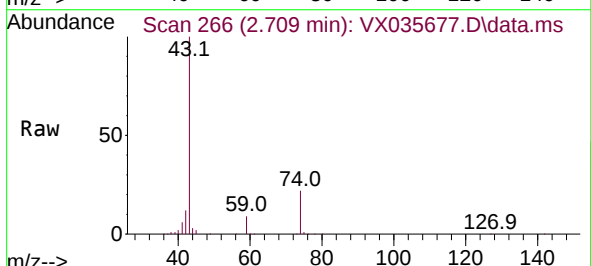
Manual Integrations
APPROVED

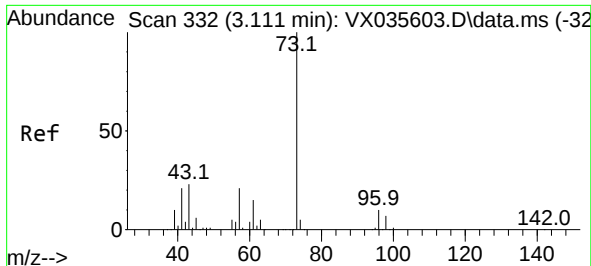
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#18
Methyl Acetate
Concen: 68.051 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX035677.D
Acq: 15 May 2023 19:51

Tgt Ion: 43 Resp: 294043
Ion Ratio Lower Upper
43 100
74 21.8 18.3 27.5





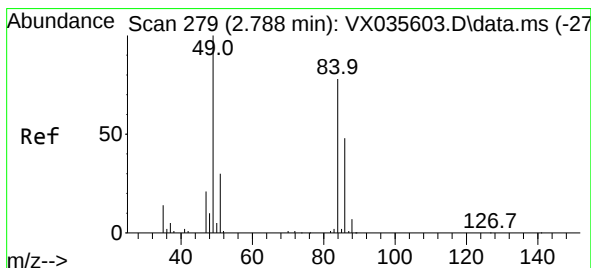
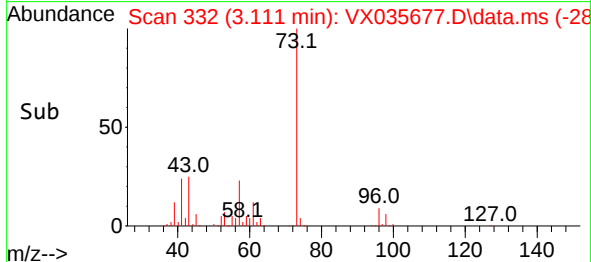
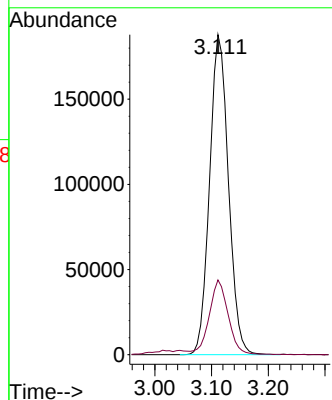
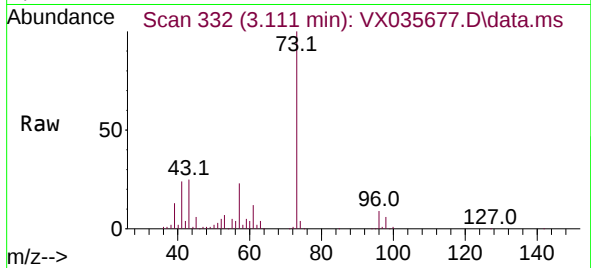
#19
Methyl tert-butyl Ether
Concen: 62.588 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX035677.D
Acq: 15 May 2023 19:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 43339
Ion Ratio Lower Upper
73 100
57 23.3 18.5 27.7

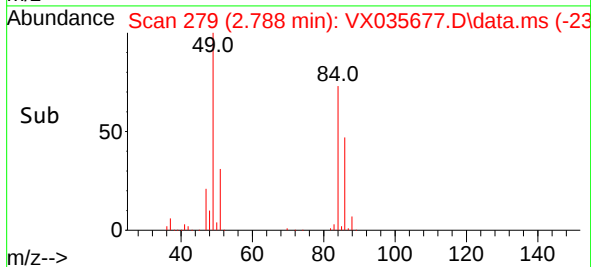
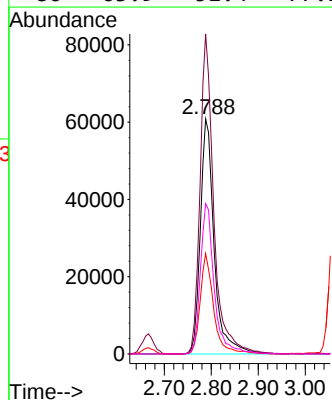
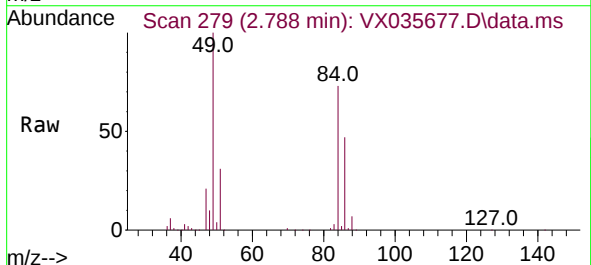
Manual Integrations
APPROVED

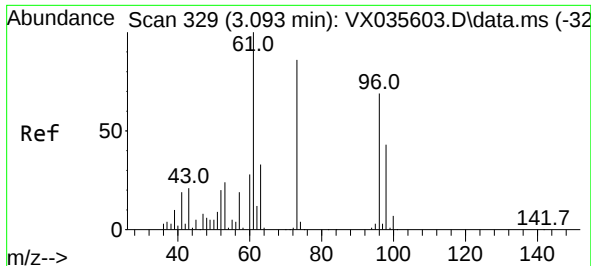
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#20
Methylene Chloride
Concen: 58.960 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX035677.D
Acq: 15 May 2023 19:51

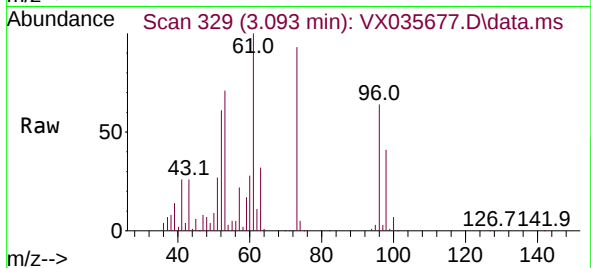
Tgt Ion: 84 Resp: 125195
Ion Ratio Lower Upper
84 100
49 136.1 103.8 155.8
51 42.8 31.8 47.8
86 63.9 51.4 77.2





#21
trans-1,2-Dichloroethene
Concen: 53.388 ug/l
RT: 3.093 min Scan# 329
Delta R.T. -0.000 min
Lab File: VX035677.D
Acq: 15 May 2023 19:51

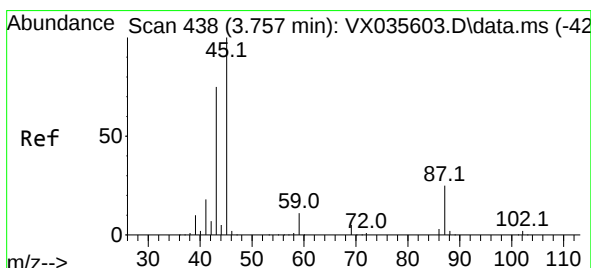
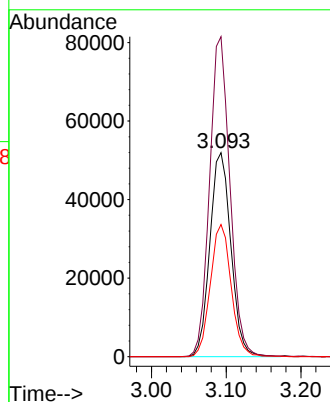
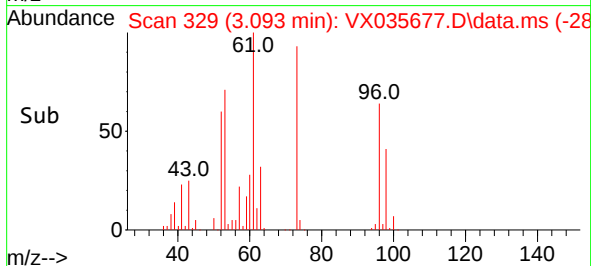
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 101798
Ion Ratio Lower Upper
96 100
61 156.9 113.0 169.6
98 64.8 52.1 78.1

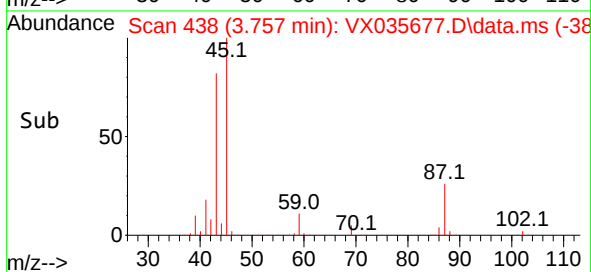
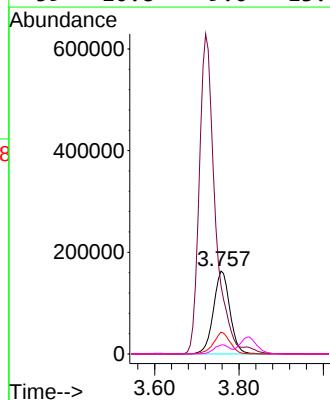
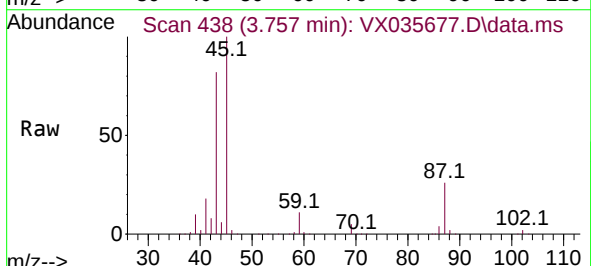
Manual Integrations
APPROVED

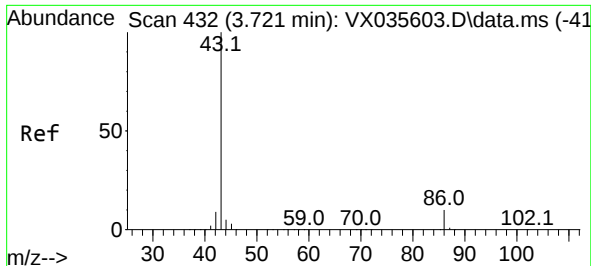
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#22
Diisopropyl ether
Concen: 60.382 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX035677.D
Acq: 15 May 2023 19:51

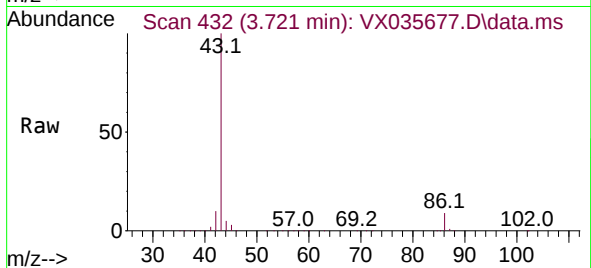
Tgt Ion: 45 Resp: 440732
Ion Ratio Lower Upper
45 100
43 82.4 65.4 98.2
87 26.2 20.6 31.0
59 10.8 9.0 13.6





#23
 Vinyl Acetate
 Concen: 322.596 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX035677.D
 Acq: 15 May 2023 19:51

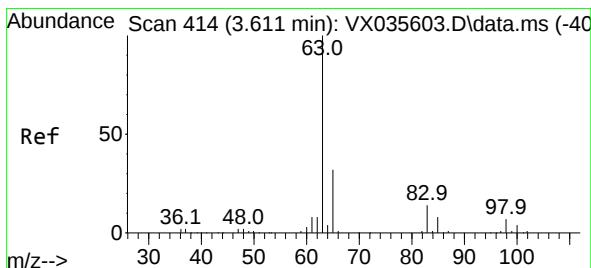
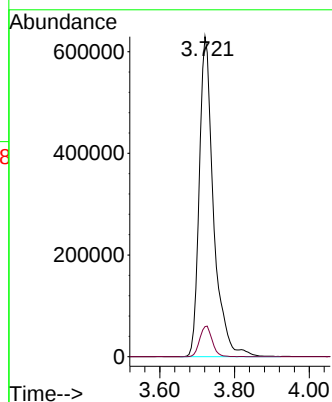
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



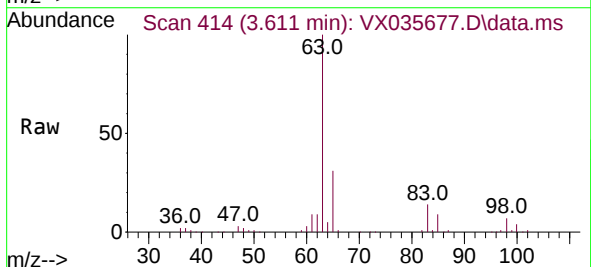
Tgt Ion: 43 Resp: 166608
 Ion Ratio Lower Upper
 43 100
 86 9.4 8.5 12.7

Manual Integrations
 APPROVED

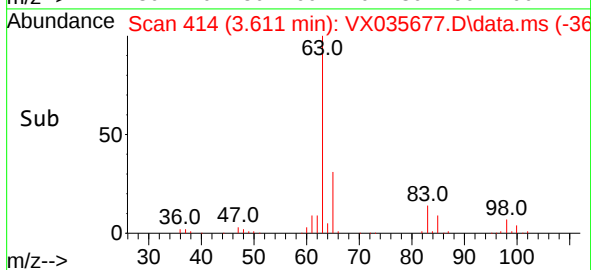
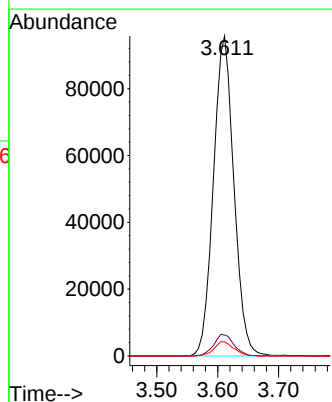
Reviewed By :John Carlone 05/16/2023
 Supervised By :Mahesh Dadoda 05/16/2023

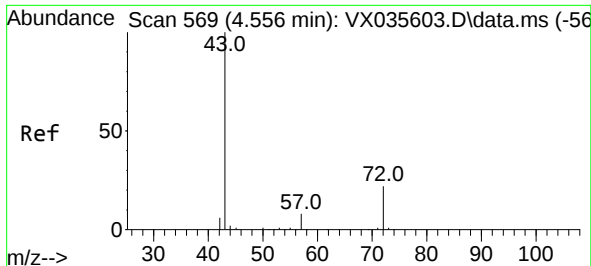


#24
 1,1-Dichloroethane
 Concen: 57.311 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX035677.D
 Acq: 15 May 2023 19:51



Tgt Ion: 63 Resp: 223726
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.8 11.2
 100 4.4 2.4 7.1





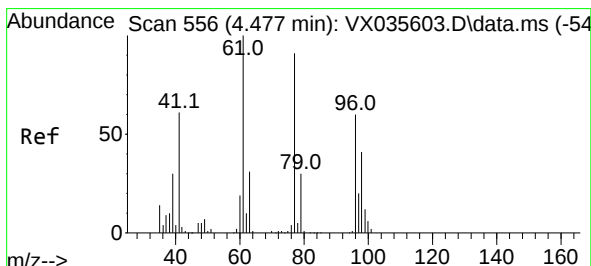
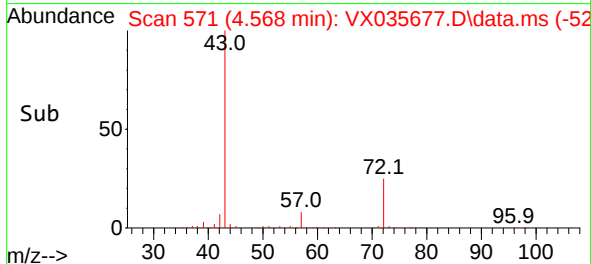
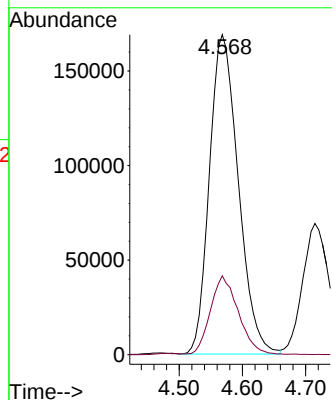
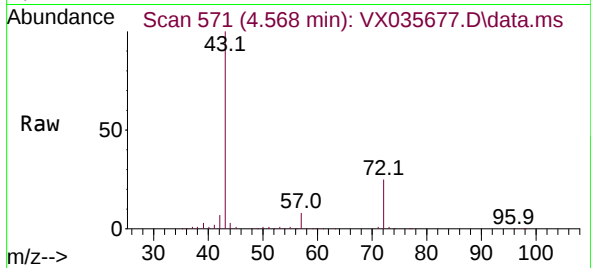
#25
2-Butanone
Concen: 330.144 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX035677.D
Acq: 15 May 2023 19:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 53545
Ion Ratio Lower Upper
43 100
72 24.5 19.3 28.9

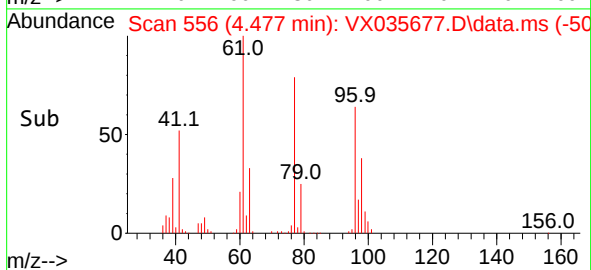
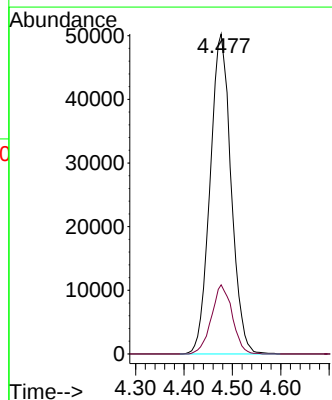
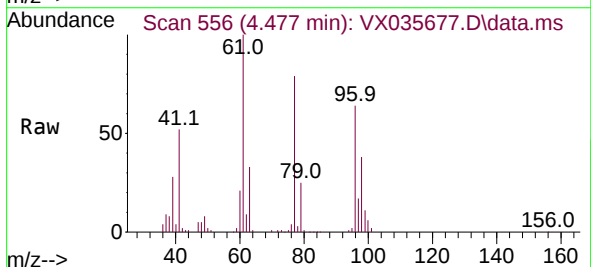
Manual Integrations
APPROVED

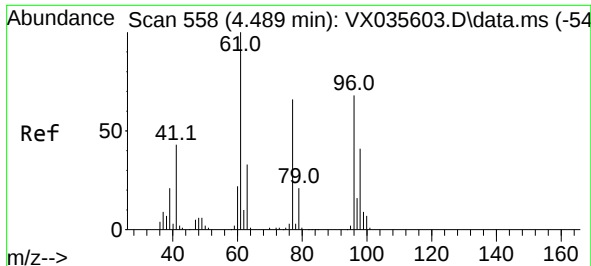
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#26
2,2-Dichloropropane
Concen: 45.749 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.000 min
Lab File: VX035677.D
Acq: 15 May 2023 19:51

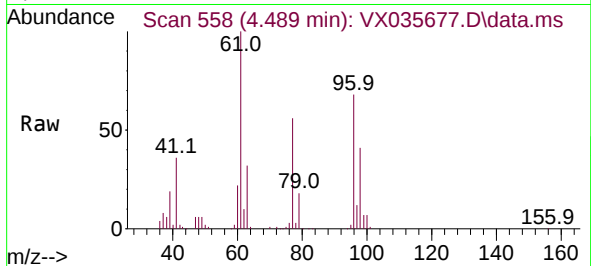
Tgt Ion: 77 Resp: 151235
Ion Ratio Lower Upper
77 100
97 21.4 11.4 34.1





#27
 cis-1,2-Dichloroethene
 Concen: 58.284 ug/l
 RT: 4.489 min Scan# 558
 Delta R.T. -0.000 min
 Lab File: VX035677.D
 Acq: 15 May 2023 19:51

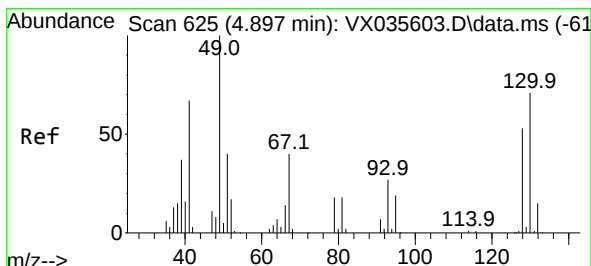
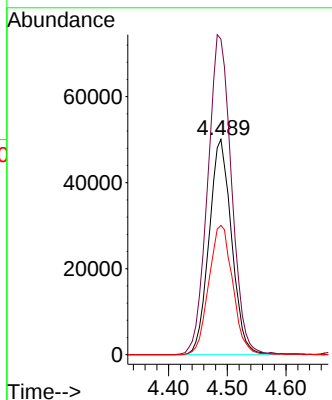
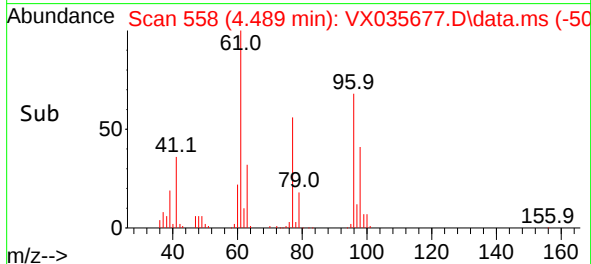
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 133598
 Ion Ratio Lower Upper
 96 100
 61 157.0 0.0 300.4
 98 63.7 0.0 129.0

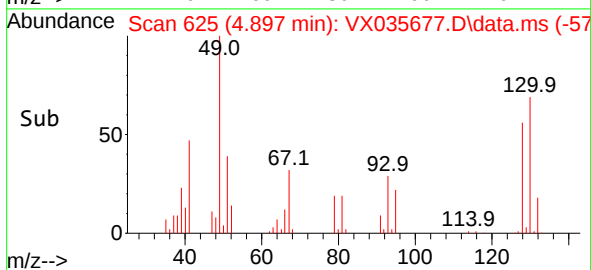
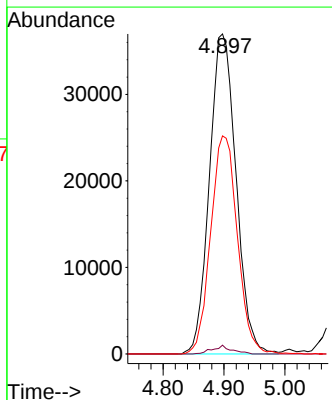
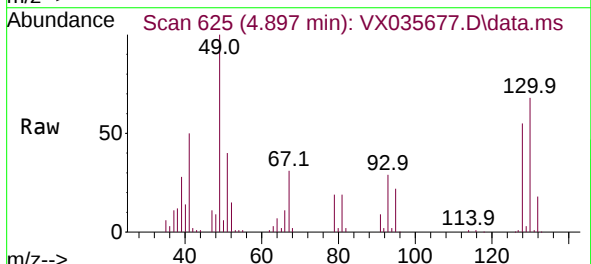
Manual Integrations
 APPROVED

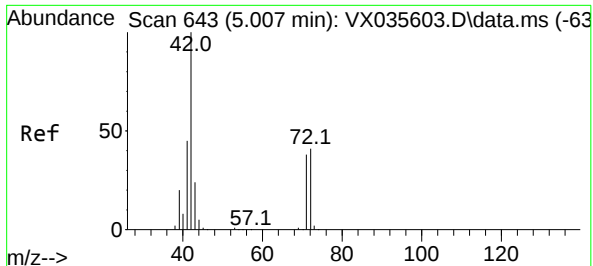
Reviewed By :John Carlone 05/16/2023
 Supervised By :Mahesh Dadoda 05/16/2023



#28
 Bromochloromethane
 Concen: 64.001 ug/l
 RT: 4.897 min Scan# 625
 Delta R.T. 0.000 min
 Lab File: VX035677.D
 Acq: 15 May 2023 19:51

Tgt Ion: 49 Resp: 112377
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.0
 130 68.2 58.2 87.2





#29

Tetrahydrofuran

Concen: 334.754 ug/l

RT: 5.013 min Scan# 64

Delta R.T. 0.006 min

Lab File: VX035677.D

Acq: 15 May 2023 19:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 34125

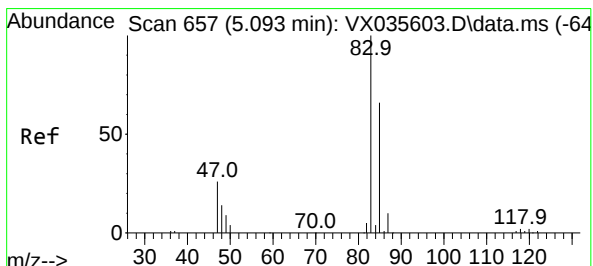
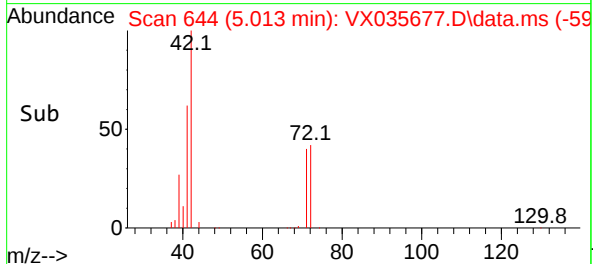
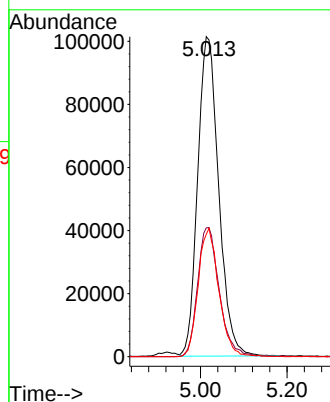
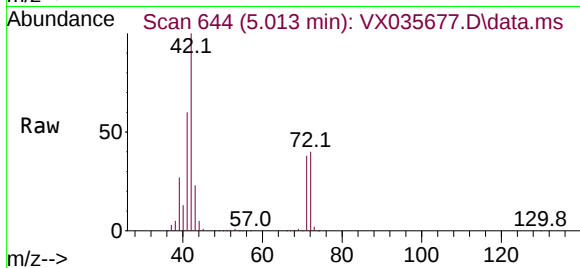
Ion	Ratio	Lower	Upper
42	100		
72	41.8	34.5	51.7
71	39.5	32.1	48.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2023

Supervised By :Mahesh Dadoda 05/16/2023



#30

Chloroform

Concen: 59.335 ug/l

RT: 5.093 min Scan# 657

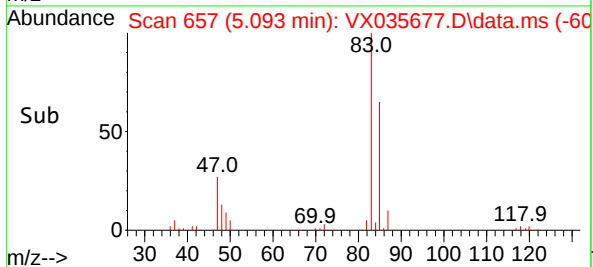
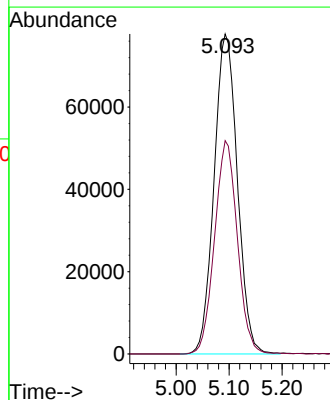
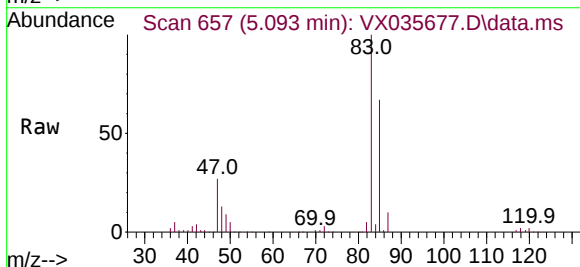
Delta R.T. -0.000 min

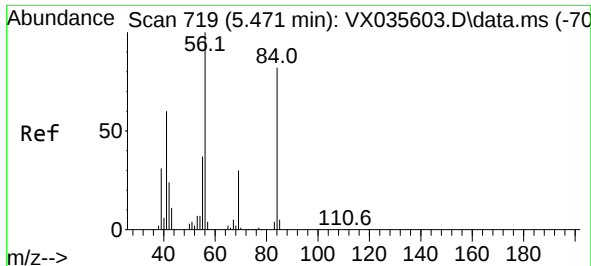
Lab File: VX035677.D

Acq: 15 May 2023 19:51

Tgt Ion: 83 Resp: 237350

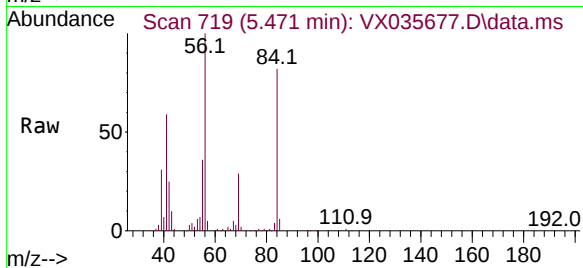
Ion	Ratio	Lower	Upper
83	100		
85	66.6	50.6	76.0





#31
Cyclohexane
Concen: 35.912 ug/l
RT: 5.471 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX035677.D
Acq: 15 May 2023 19:51

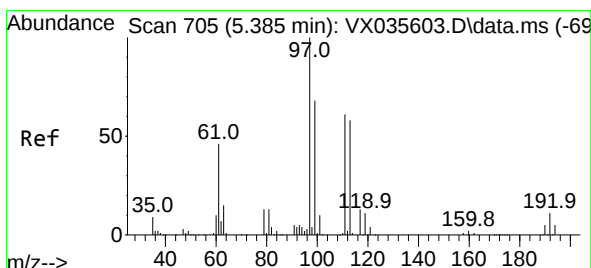
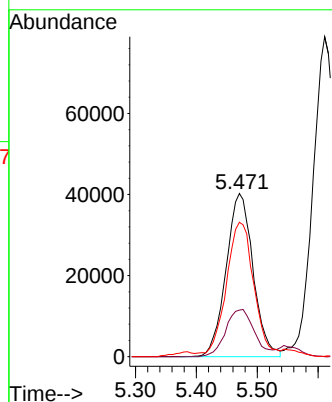
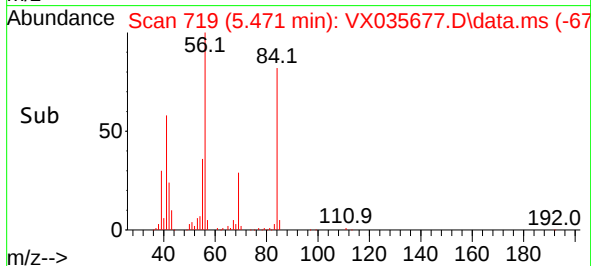
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



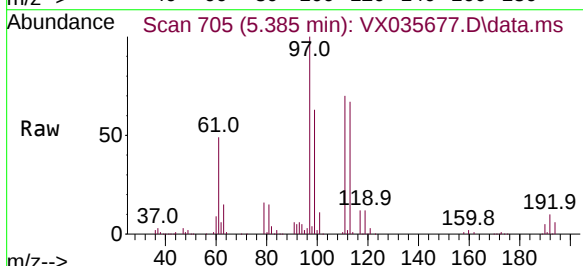
Tgt Ion: 56 Resp: 123683
Ion Ratio Lower Upper
56 100
69 28.5 23.7 35.5
84 80.1 68.5 102.7

Manual Integrations
APPROVED

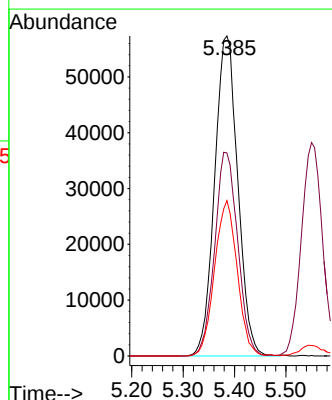
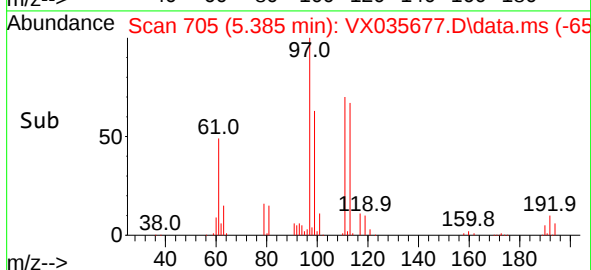
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023

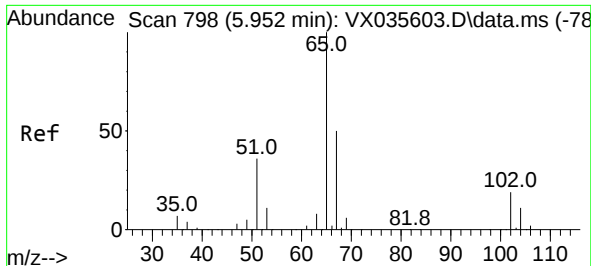


#32
1,1,1-Trichloroethane
Concen: 51.550 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035677.D
Acq: 15 May 2023 19:51



Tgt Ion: 97 Resp: 179420
Ion Ratio Lower Upper
97 100
99 63.4 51.1 76.7
61 47.4 36.5 54.7





#33
1,2-Dichloroethane-d4
Concen: 62.195 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX035677.D
Acq: 15 May 2023 19:51

Instrument :

MSVOA_X

ClientSampleId :

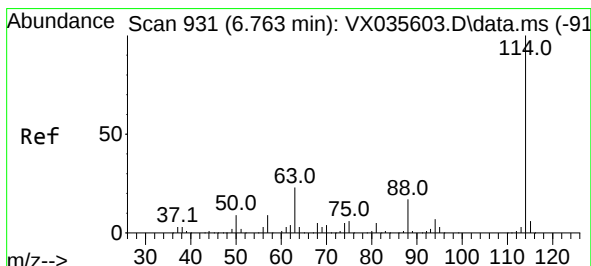
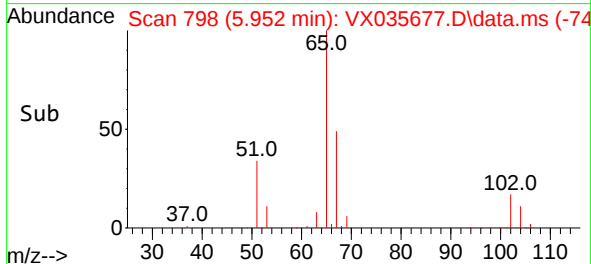
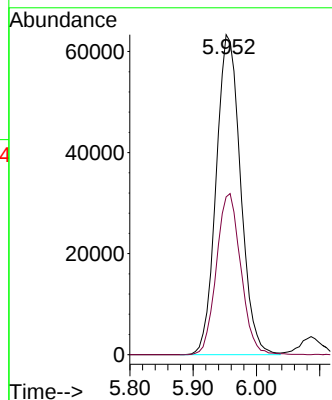
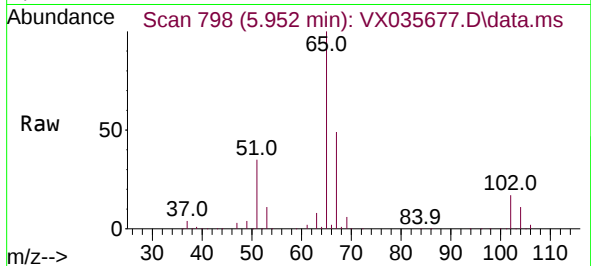
VSTDCCC050EC

Tgt Ion: 65 Resp: 16954
Ion Ratio Lower Upper
65 100
67 50.3 0.0 104.0

Manual Integrations

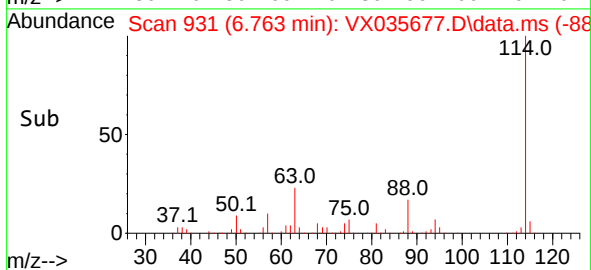
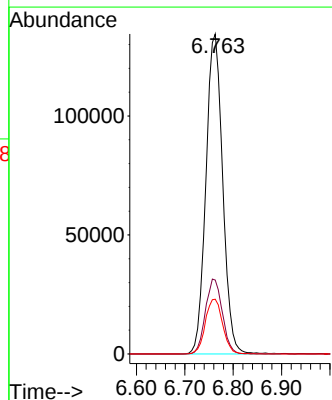
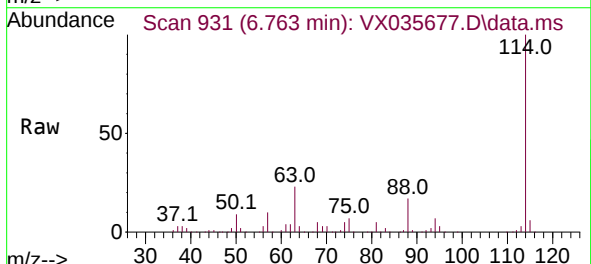
APPROVED

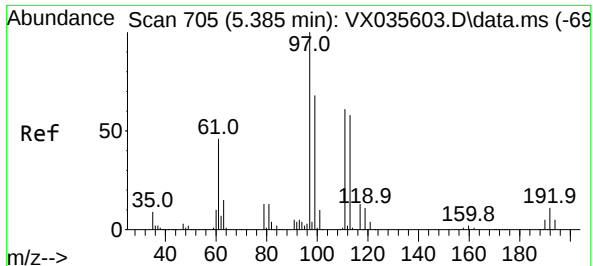
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX035677.D
Acq: 15 May 2023 19:51

Tgt Ion:114 Resp: 323841
Ion Ratio Lower Upper
114 100
63 23.1 0.0 42.2
88 17.1 0.0 33.2





#35

Dibromofluoromethane

Concen: 50.827 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX035677.D

Acq: 15 May 2023 19:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:113 Resp: 11100

Ion Ratio Lower Upper

113 100

111 104.6 83.7 125.5

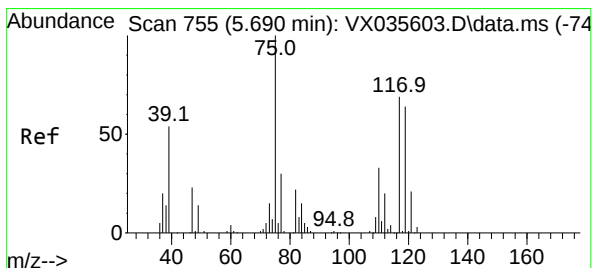
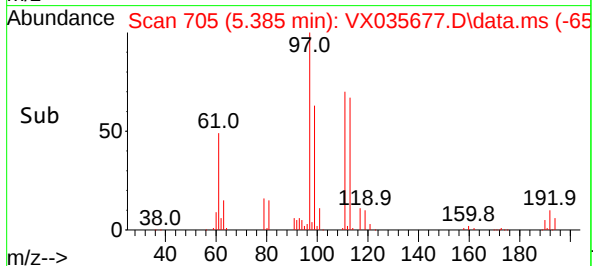
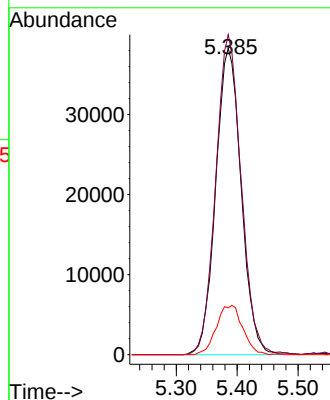
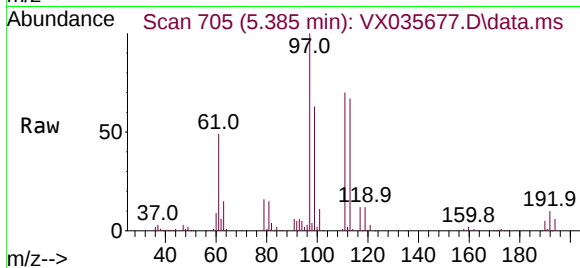
192 16.6 15.4 23.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2023

Supervised By :Mahesh Dadoda 05/16/2023



#36

1,1-Dichloropropene

Concen: 41.460 ug/l

RT: 5.690 min Scan# 755

Delta R.T. -0.000 min

Lab File: VX035677.D

Acq: 15 May 2023 19:51

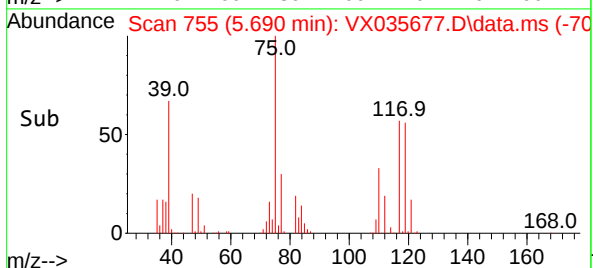
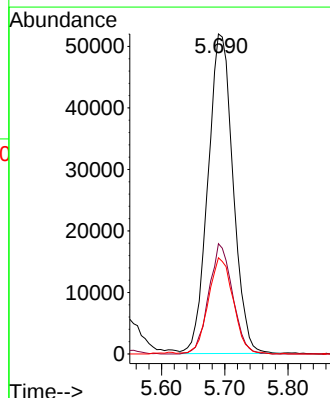
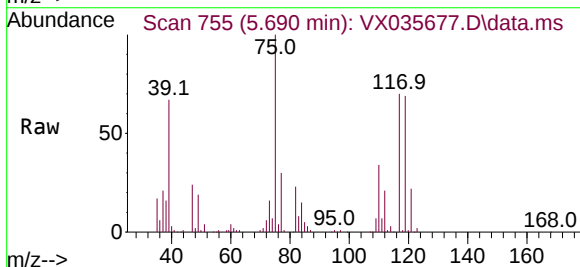
Tgt Ion: 75 Resp: 142927

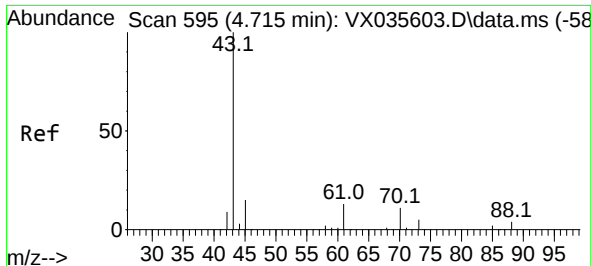
Ion Ratio Lower Upper

75 100

110 32.6 17.5 52.5

77 30.0 24.3 36.5





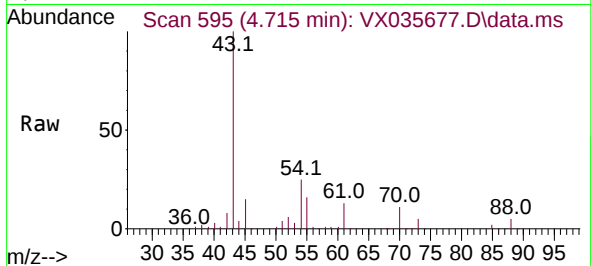
#37
Ethyl Acetate
Concen: 57.517 ug/l
RT: 4.715 min Scan# 595
Delta R.T. -0.000 min
Lab File: VX035677.D
Acq: 15 May 2023 19:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

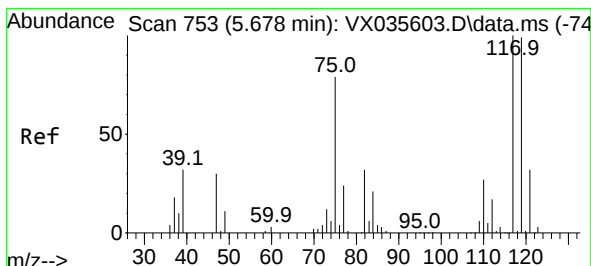
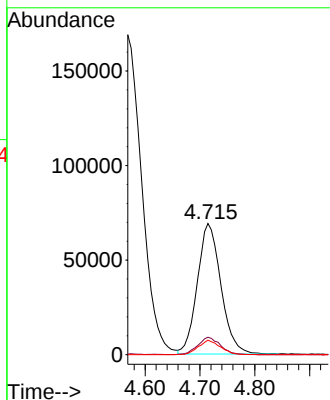
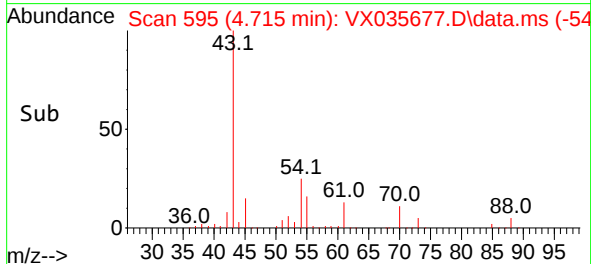


Tgt Ion: 43 Resp: 206810
Ion Ratio Lower Upper
43 100
61 12.8 10.2 15.4
70 10.3 8.2 12.4

Manual Integrations

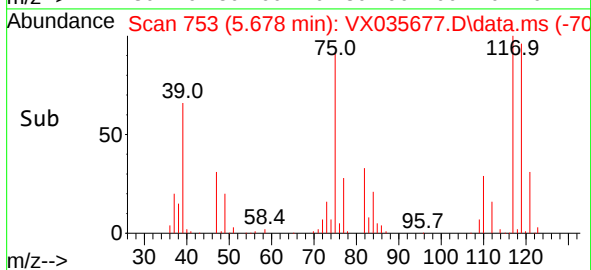
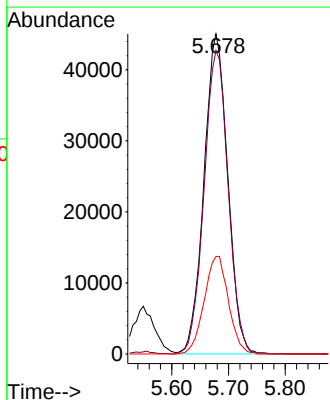
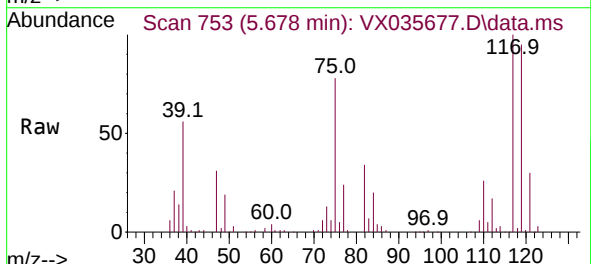
APPROVED

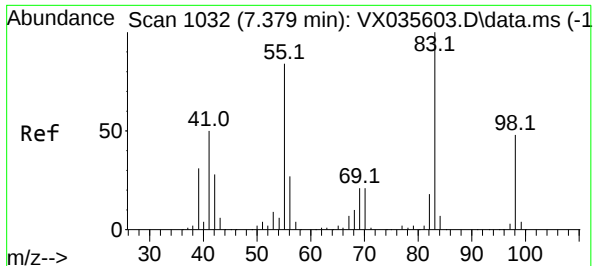
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#38
Carbon Tetrachloride
Concen: 40.264 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX035677.D
Acq: 15 May 2023 19:51

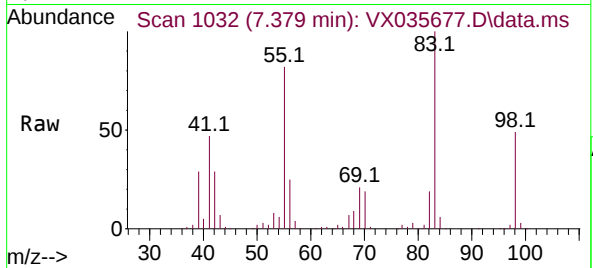
Tgt Ion:117 Resp: 131485
Ion Ratio Lower Upper
117 100
119 94.9 76.6 114.8
121 30.4 23.8 35.6





#39
Methylcyclohexane
Concen: 27.852 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX035677.D
Acq: 15 May 2023 19:51

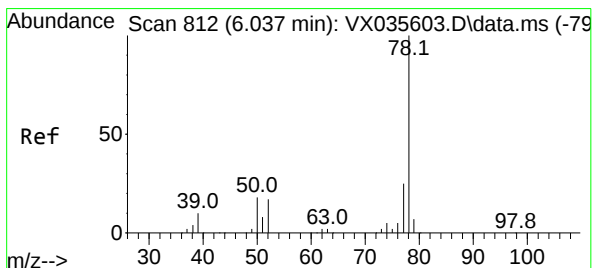
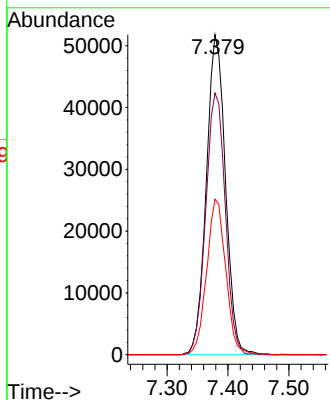
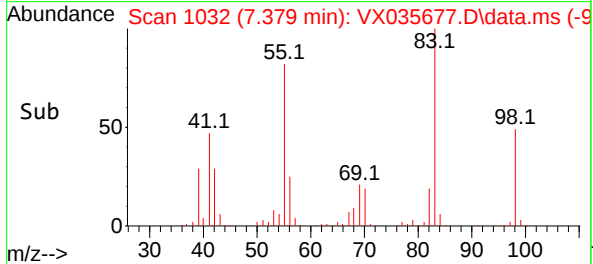
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 113020
Ion Ratio Lower Upper
83 100
55 81.8 60.5 90.7
98 48.6 40.4 60.6

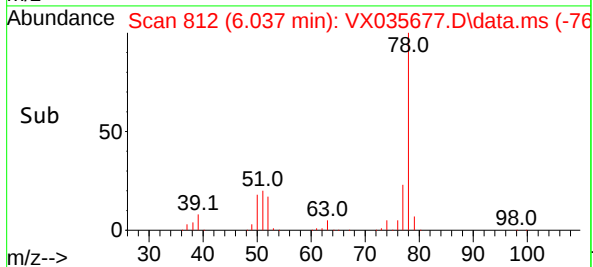
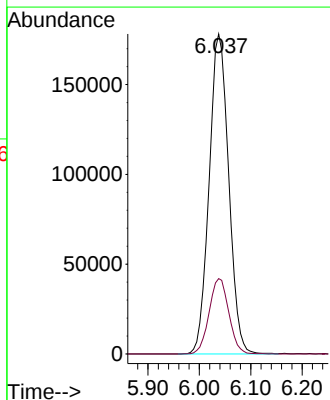
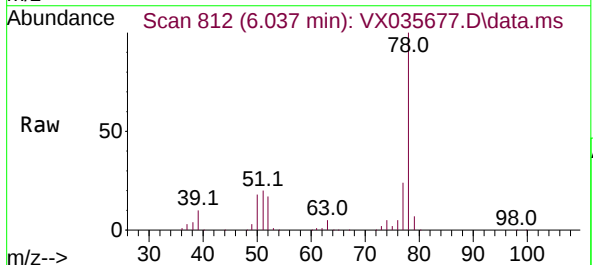
Manual Integrations
APPROVED

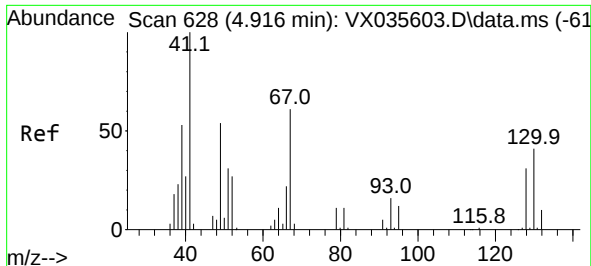
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#40
Benzene
Concen: 48.793 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX035677.D
Acq: 15 May 2023 19:51

Tgt Ion: 78 Resp: 470555
Ion Ratio Lower Upper
78 100
77 23.5 19.0 28.4





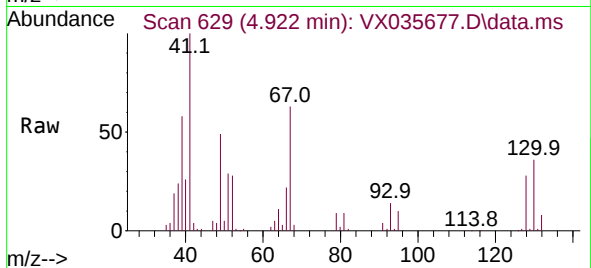
#41
Methacrylonitrile
Concen: 56.743 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX035677.D
Acq: 15 May 2023 19:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



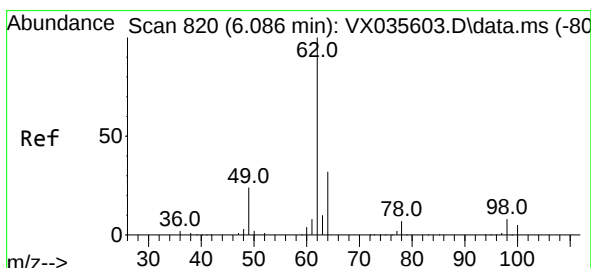
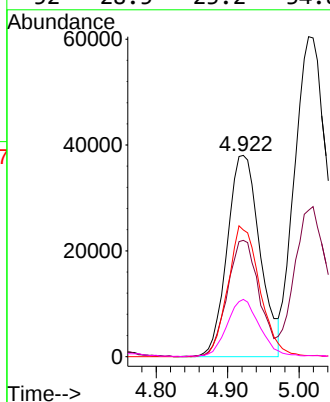
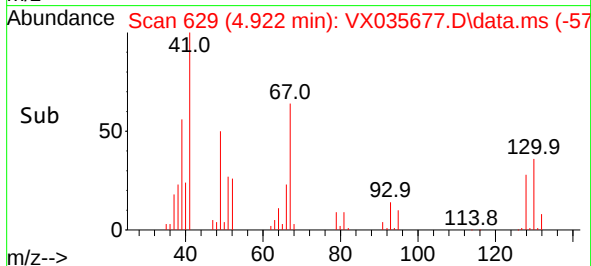
Tgt Ion: 41 Resp: 121140
Ion Ratio Lower Upper
41 100
39 55.9 45.0 67.6
67 63.5 55.6 83.4
52 28.5 23.2 34.8

Manual Integrations

APPROVED

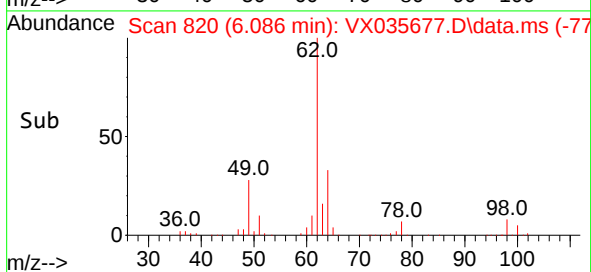
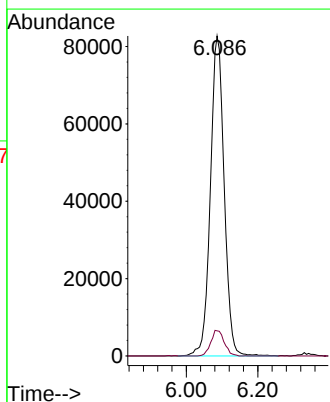
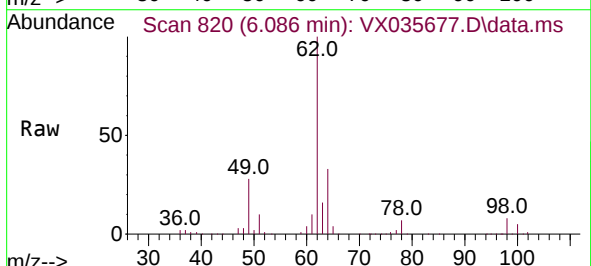
Reviewed By :John Carlone 05/16/2023

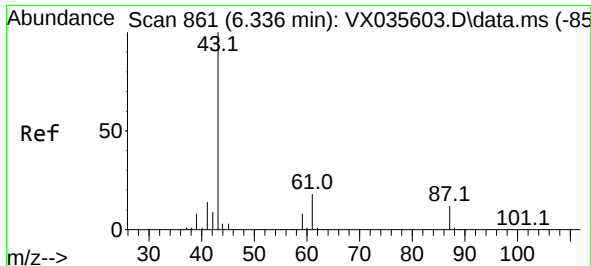
Supervised By :Mahesh Dadoda 05/16/2023



#42
1,2-Dichloroethane
Concen: 53.382 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX035677.D
Acq: 15 May 2023 19:51

Tgt Ion: 62 Resp: 221455
Ion Ratio Lower Upper
62 100
98 7.8 0.0 18.0





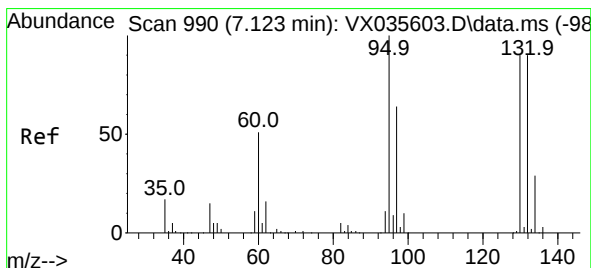
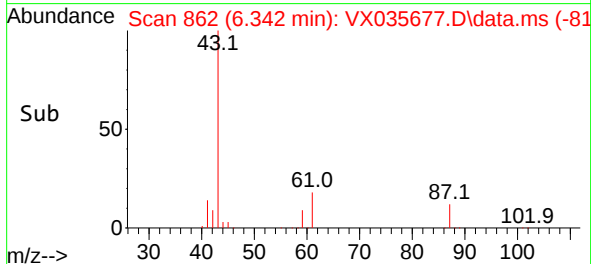
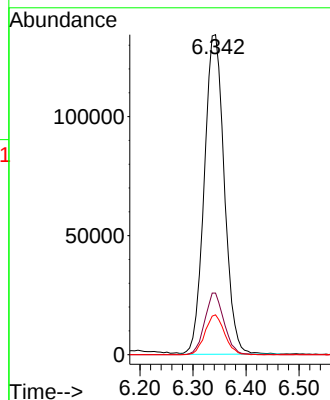
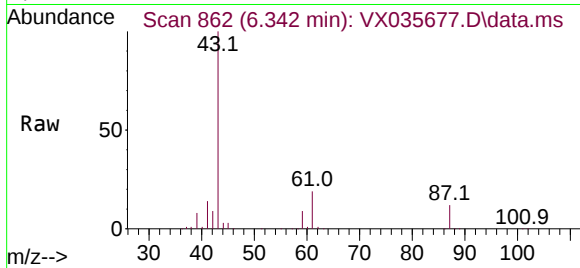
#43
Isopropyl Acetate
Concen: 56.115 ug/l
RT: 6.342 min Scan# 861
Delta R.T. 0.006 min
Lab File: VX035677.D
Acq: 15 May 2023 19:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 35184
Ion Ratio Lower Upper
43 100
61 18.6 15.2 22.8
87 12.2 9.8 14.8

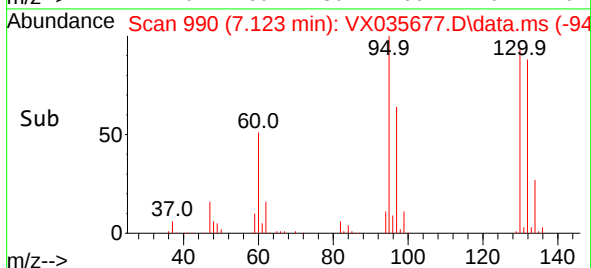
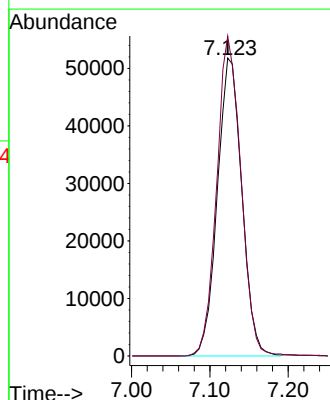
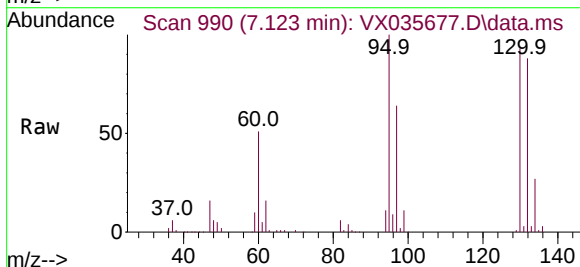
Manual Integrations
APPROVED

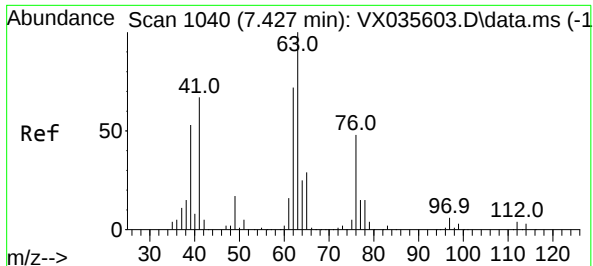
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#44
Trichloroethene
Concen: 46.005 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX035677.D
Acq: 15 May 2023 19:51

Tgt Ion:130 Resp: 112498
Ion Ratio Lower Upper
130 100
95 107.4 0.0 198.4





#45

1,2-Dichloropropane

Concen: 51.782 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX035677.D

Acq: 15 May 2023 19:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 13225

Ion Ratio Lower Upper

63 100

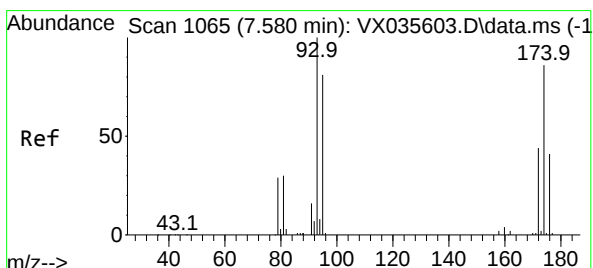
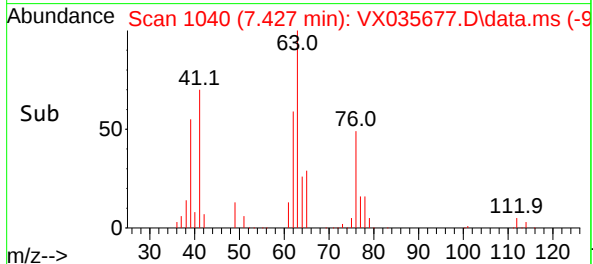
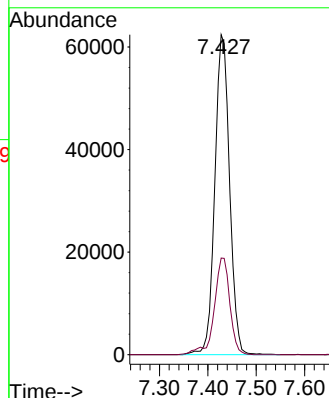
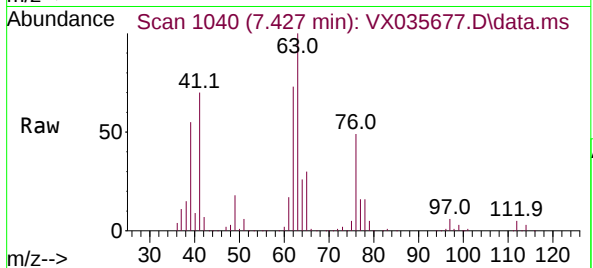
65 30.2 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2023

Supervised By :Mahesh Dadoda 05/16/2023



#46

Dibromomethane

Concen: 54.299 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX035677.D

Acq: 15 May 2023 19:51

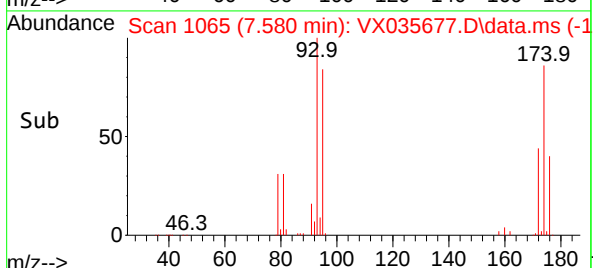
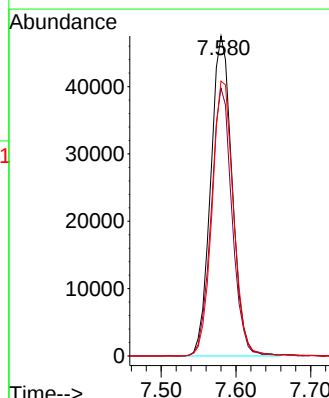
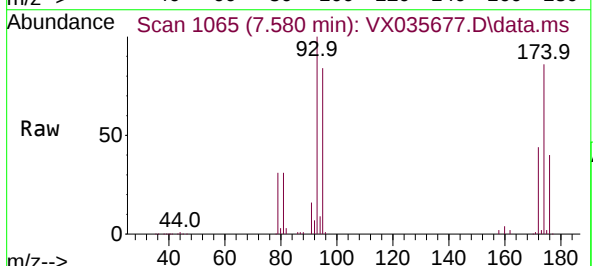
Tgt Ion: 93 Resp: 94934

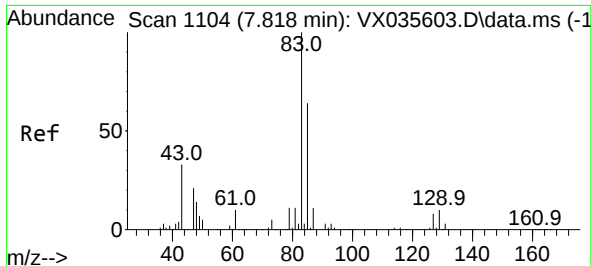
Ion Ratio Lower Upper

93 100

95 81.6 66.9 100.3

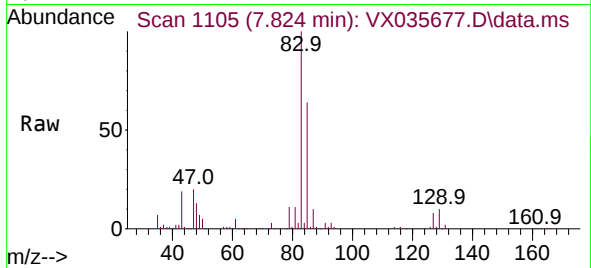
174 85.9 75.4 113.0





#47
Bromodichloromethane
Concen: 52.833 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX035677.D
Acq: 15 May 2023 19:51

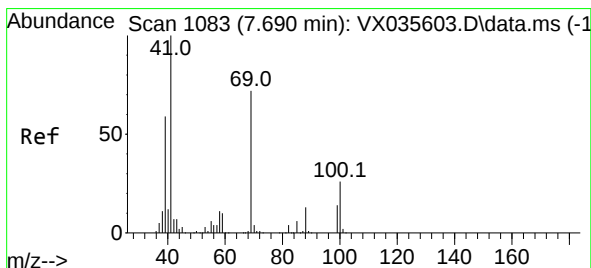
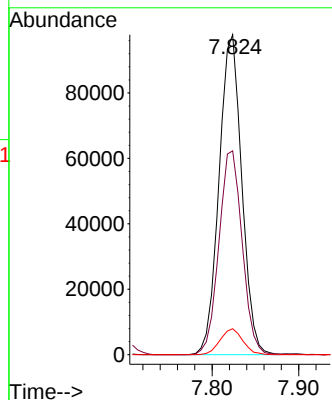
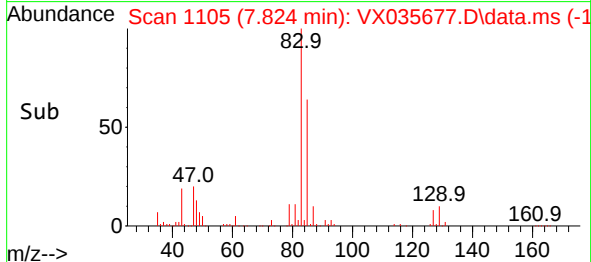
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 17853
Ion Ratio Lower Upper
83 100
85 63.7 52.2 78.4
127 8.1 6.6 9.8

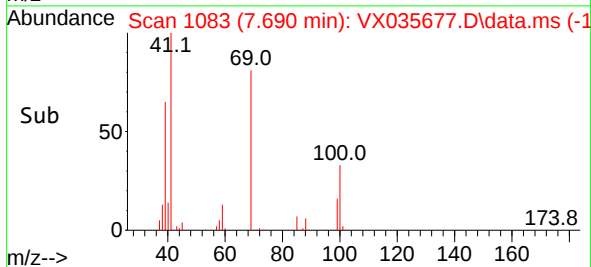
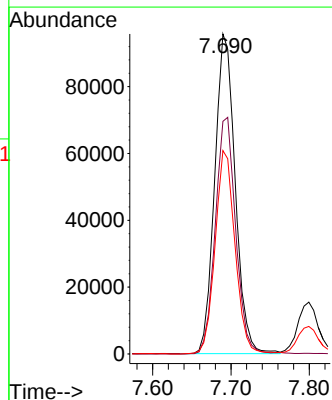
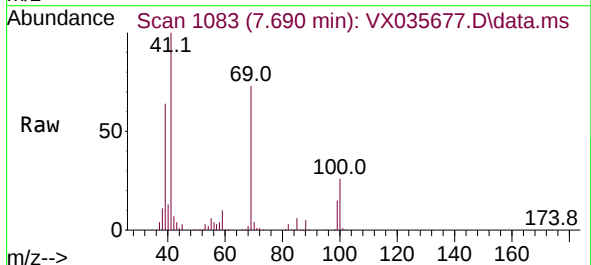
Manual Integrations
APPROVED

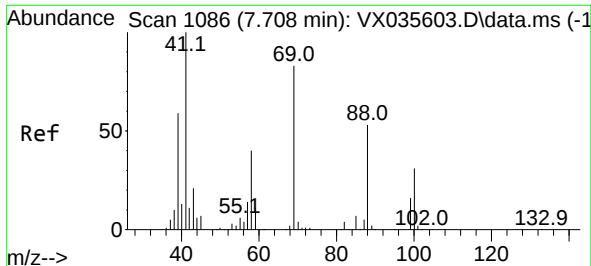
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#48
Methyl methacrylate
Concen: 56.208 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX035677.D
Acq: 15 May 2023 19:51

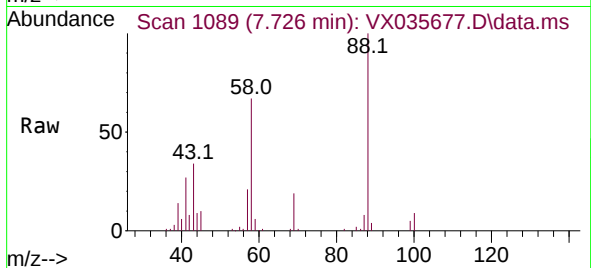
Tgt Ion: 41 Resp: 173927
Ion Ratio Lower Upper
41 100
69 73.9 62.2 93.4
39 62.1 47.7 71.5





#49
1,4-Dioxane
Concen: 1091.159 ug/l
RT: 7.726 min Scan# 1086
Delta R.T. 0.018 min
Lab File: VX035677.D
Acq: 15 May 2023 19:51

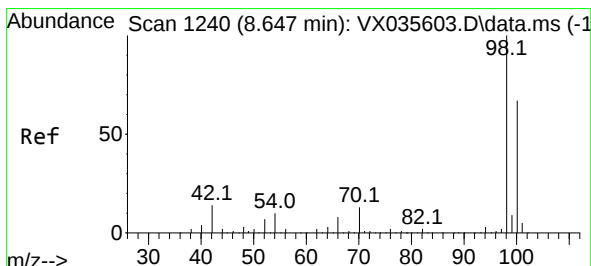
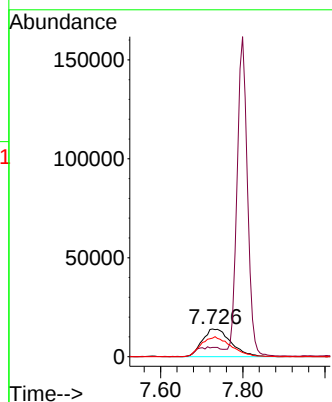
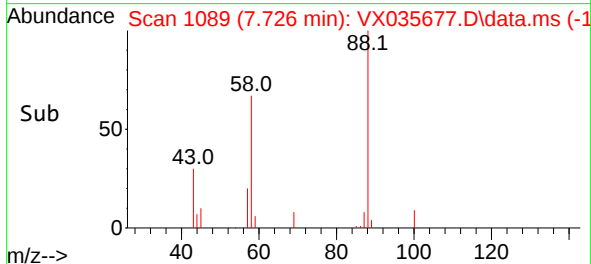
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



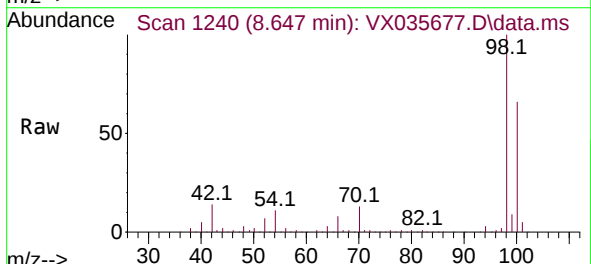
Tgt Ion: 88 Resp: 6776
Ion Ratio Lower Upper
88 100
43 0.0 27.7 41.5
58 74.4 56.8 85.2

Manual Integrations
APPROVED

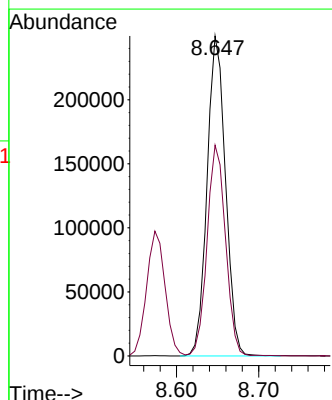
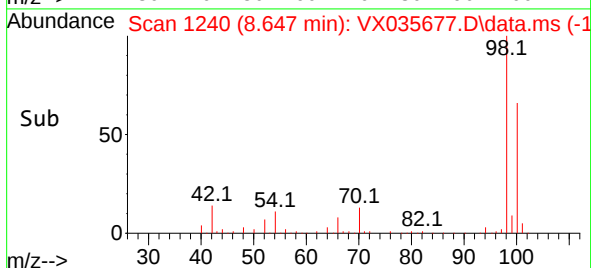
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023

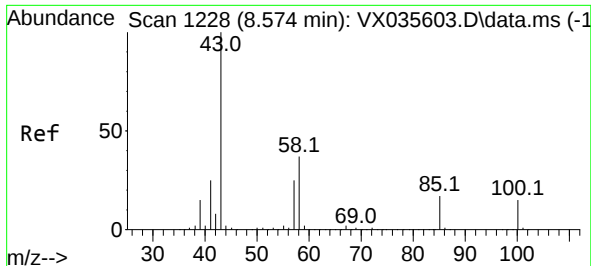


#50
Toluene-d8
Concen: 48.148 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX035677.D
Acq: 15 May 2023 19:51



Tgt Ion: 98 Resp: 388462
Ion Ratio Lower Upper
98 100
100 66.2 52.5 78.7





#51
4-Methyl-2-Pentanone
Concen: 292.338 ug/l
RT: 8.574 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035677.D
Acq: 15 May 2023 19:51

Instrument :

MSVOA_X

ClientSampleId :

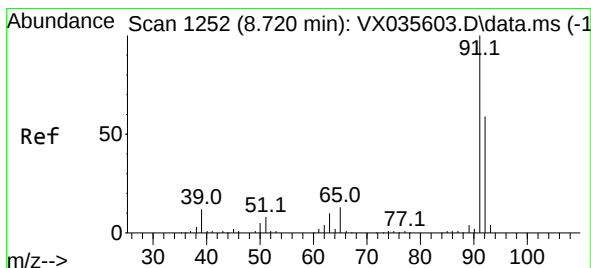
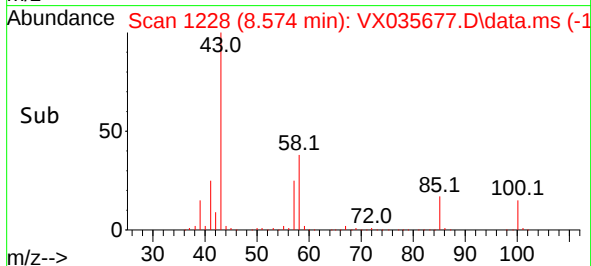
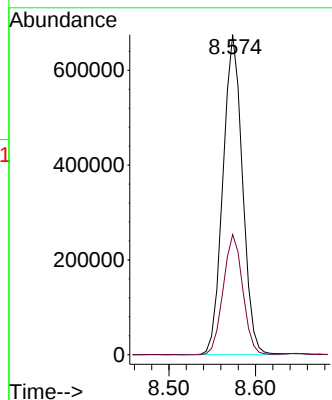
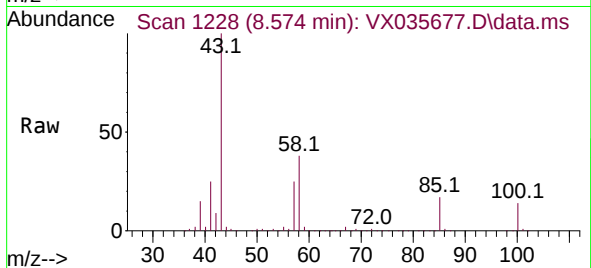
VSTDCCC050EC

Tgt Ion: 43 Resp: 1055984
Ion Ratio Lower Upper
43 100
58 37.5 30.6 46.0

Manual Integrations

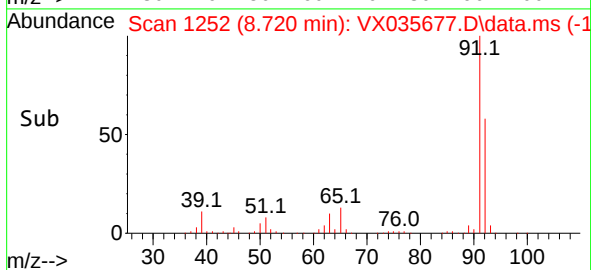
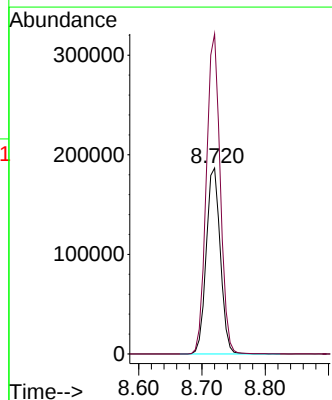
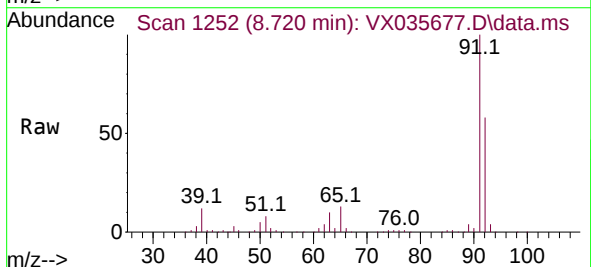
APPROVED

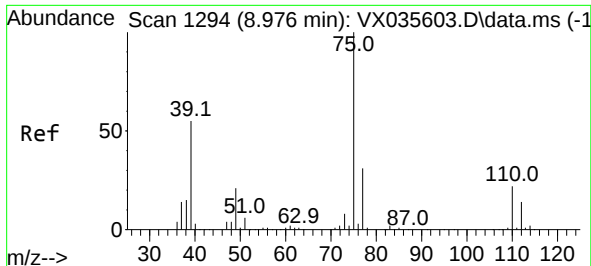
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#52
Toluene
Concen: 47.507 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX035677.D
Acq: 15 May 2023 19:51

Tgt Ion: 92 Resp: 289205
Ion Ratio Lower Upper
92 100
91 169.7 136.8 205.2





#53

t-1,3-Dichloropropene

Concen: 54.278 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX035677.D

Acq: 15 May 2023 19:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 199270

Ion Ratio Lower Upper

75 100

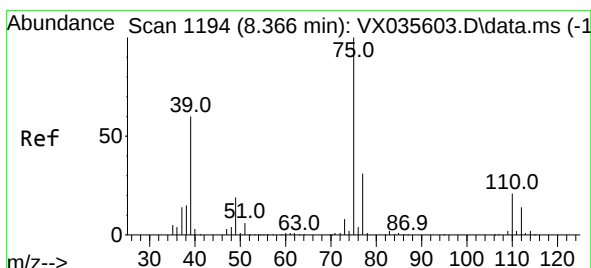
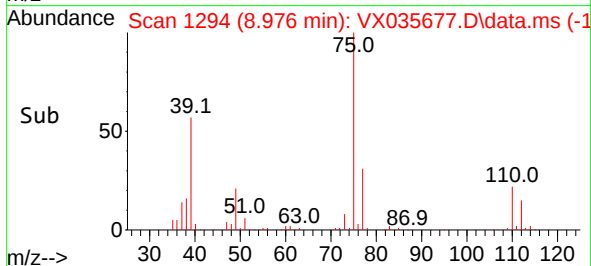
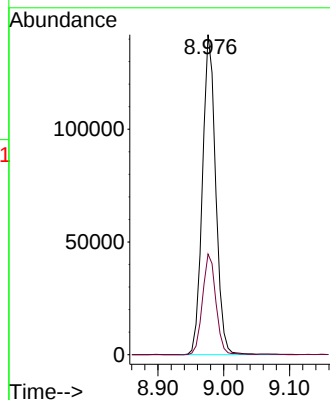
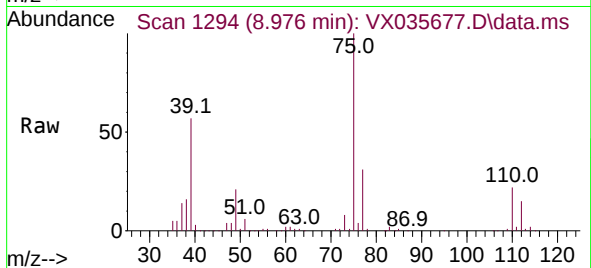
77 31.4 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2023

Supervised By :Mahesh Dadoda 05/16/2023



#54

cis-1,3-Dichloropropene

Concen: 53.247 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX035677.D

Acq: 15 May 2023 19:51

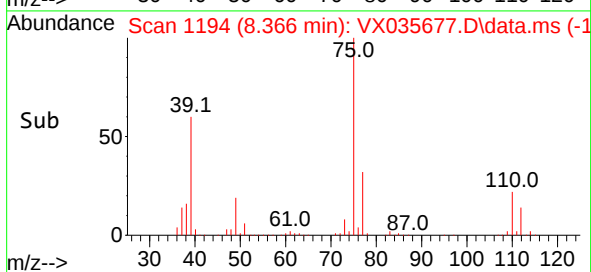
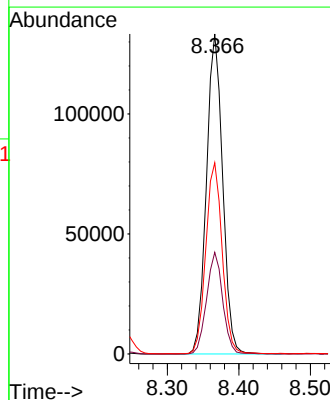
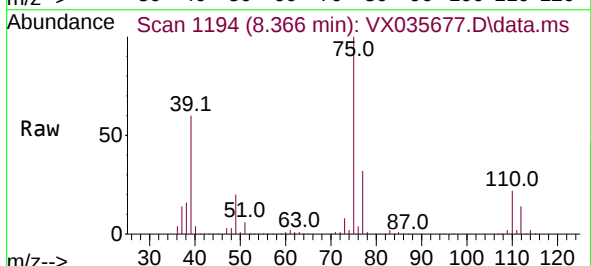
Tgt Ion: 75 Resp: 209453

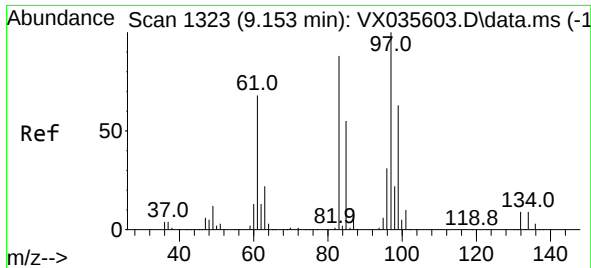
Ion Ratio Lower Upper

75 100

77 31.7 25.0 37.4

39 59.6 44.6 66.8





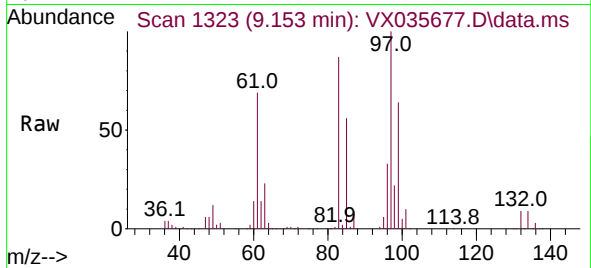
#55
1,1,2-Trichloroethane
Concen: 54.146 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX035677.D
Acq: 15 May 2023 19:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



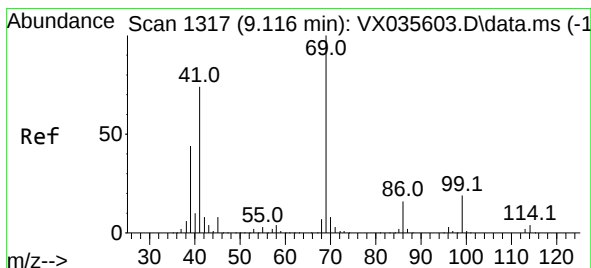
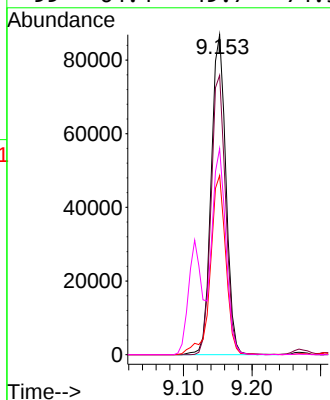
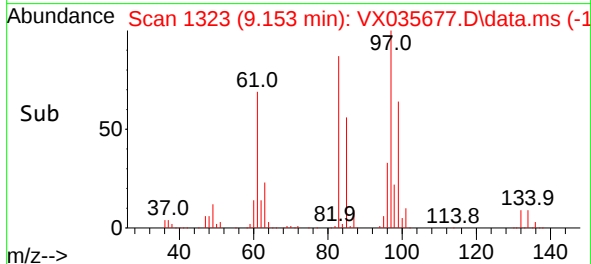
Tgt Ion: 97 Resp: 129463
Ion Ratio Lower Upper
97 100
83 87.3 69.7 104.5
85 55.9 43.7 65.5
99 64.4 49.7 74.5

Manual Integrations

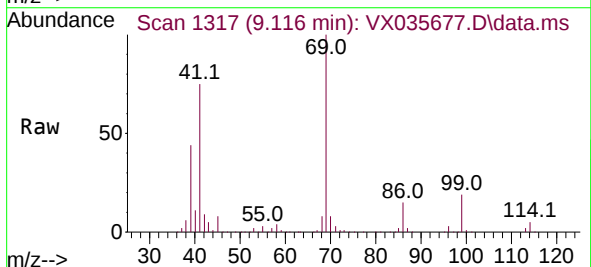
APPROVED

Reviewed By :John Carlone 05/16/2023

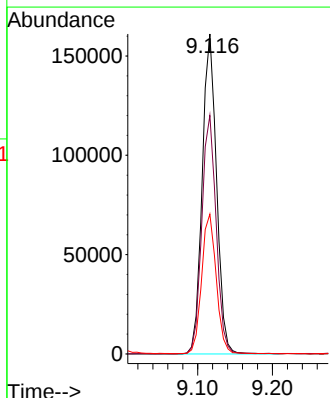
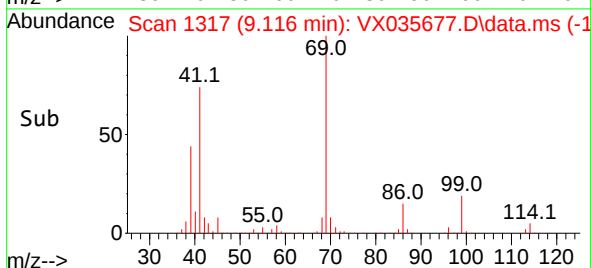
Supervised By :Mahesh Dadoda 05/16/2023

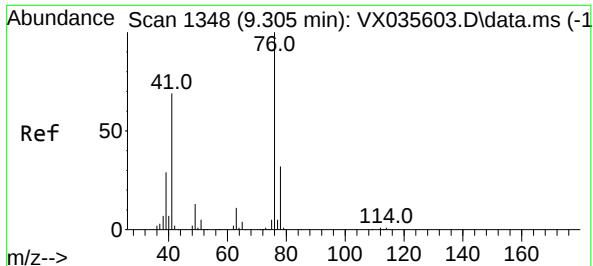


#56
Ethyl methacrylate
Concen: 55.472 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX035677.D
Acq: 15 May 2023 19:51



Tgt Ion: 69 Resp: 214791
Ion Ratio Lower Upper
69 100
41 74.8 57.4 86.0
39 44.2 33.7 50.5





#57

1,3-Dichloropropane

Concen: 53.711 ug/l

RT: 9.305 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX035677.D

Acq: 15 May 2023 19:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 23280

Ion Ratio Lower Upper

76 100

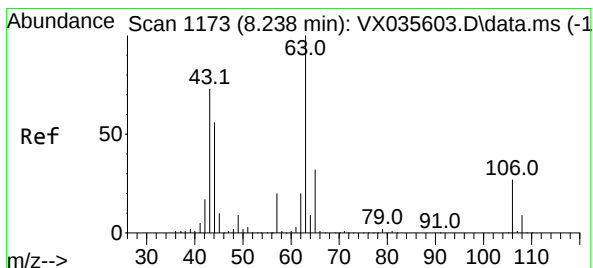
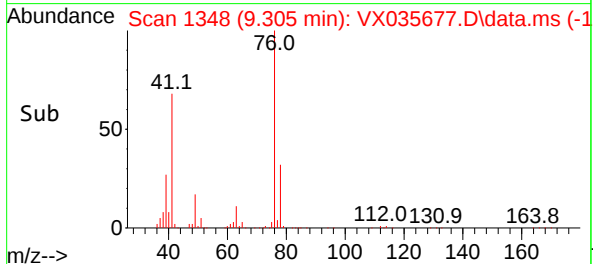
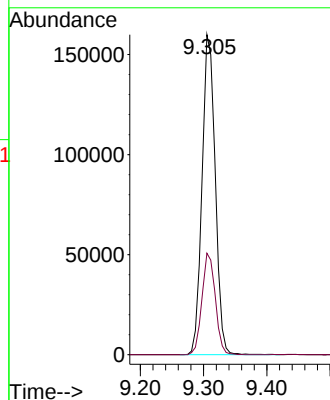
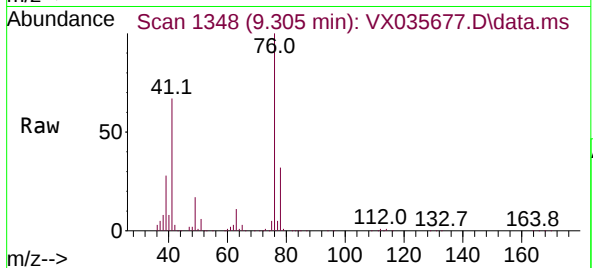
78 32.0 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2023

Supervised By :Mahesh Dadoda 05/16/2023



#58

2-Chloroethyl Vinyl ether

Concen: 281.795 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX035677.D

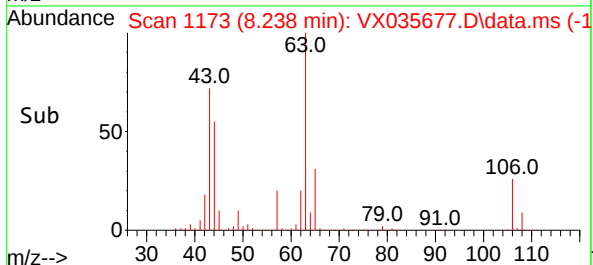
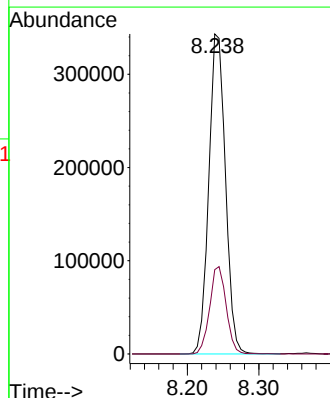
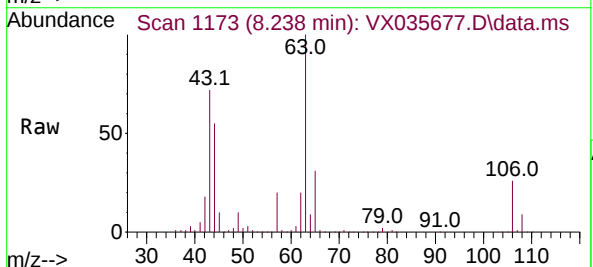
Acq: 15 May 2023 19:51

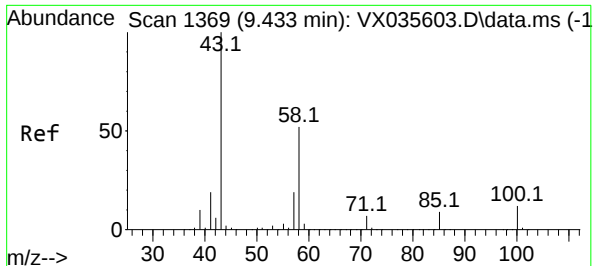
Tgt Ion: 63 Resp: 555071

Ion Ratio Lower Upper

63 100

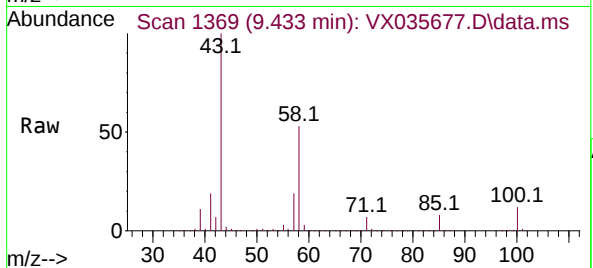
106 27.1 22.2 33.2





#59
2-Hexanone
Concen: 293.308 ug/l
RT: 9.433 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035677.D
Acq: 15 May 2023 19:51

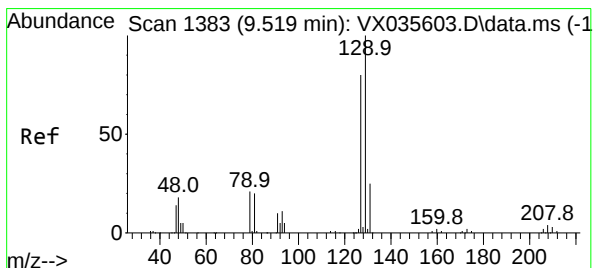
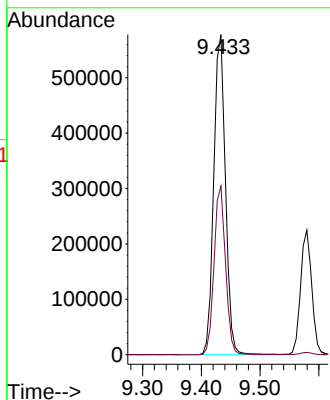
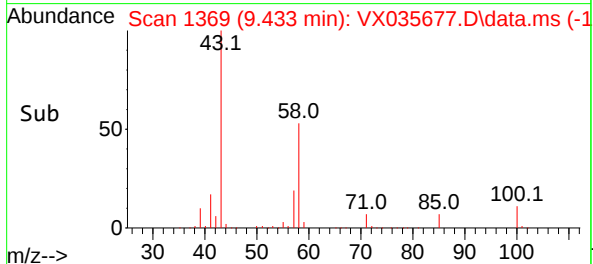
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 79789
Ion Ratio Lower Upper
43 100
58 51.6 26.3 78.9

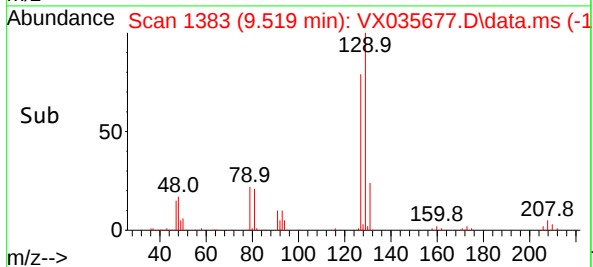
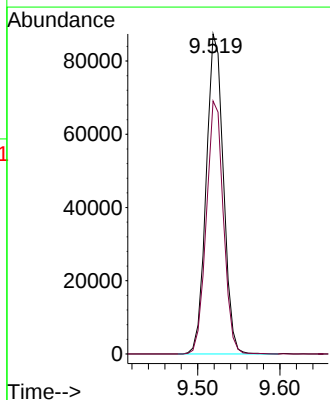
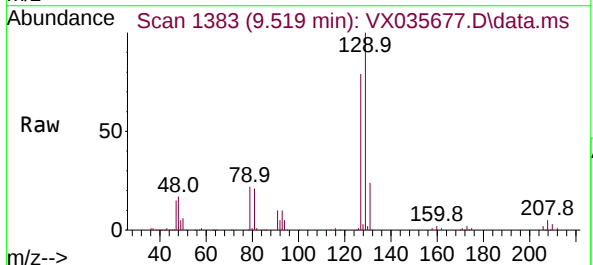
Manual Integrations
APPROVED

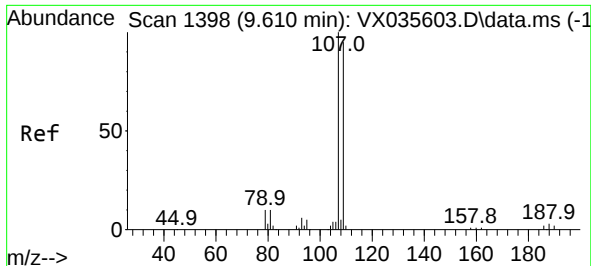
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#60
Dibromochloromethane
Concen: 55.567 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX035677.D
Acq: 15 May 2023 19:51

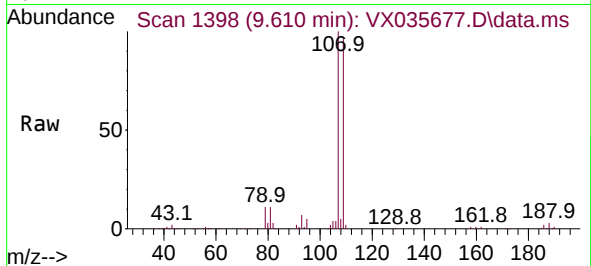
Tgt Ion:129 Resp: 126645
Ion Ratio Lower Upper
129 100
127 78.4 39.0 117.0





#61
1,2-Dibromoethane
Concen: 54.211 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX035677.D
Acq: 15 May 2023 19:51

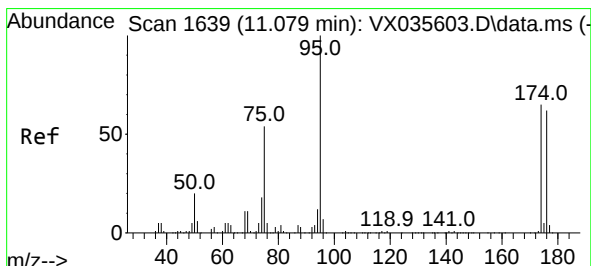
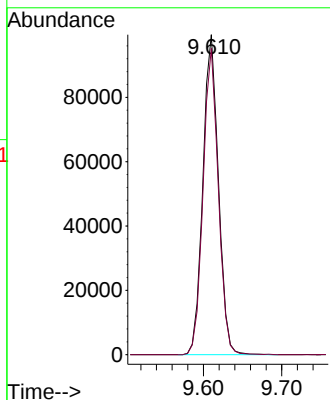
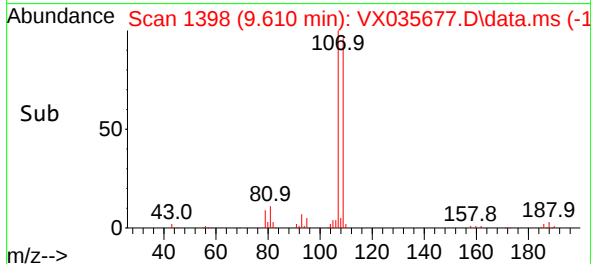
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



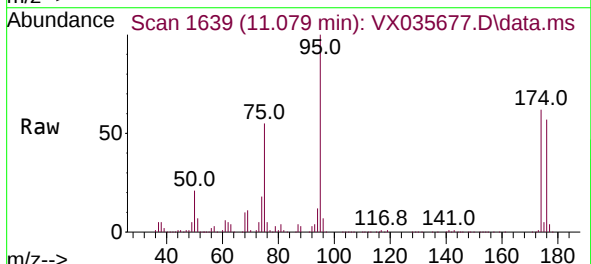
Tgt Ion:107 Resp: 136560
Ion Ratio Lower Upper
107 100
109 94.0 75.3 112.9

Manual Integrations
APPROVED

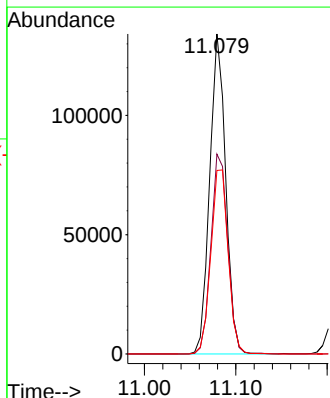
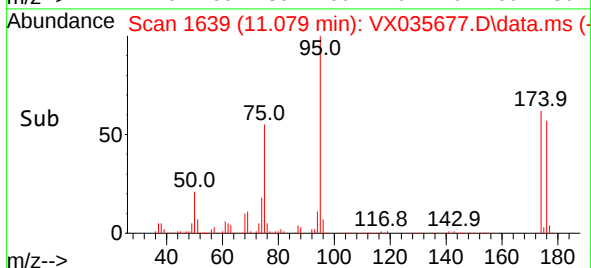
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023

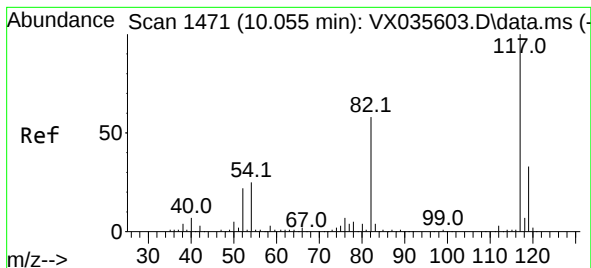


#62
4-Bromofluorobenzene
Concen: 50.058 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035677.D
Acq: 15 May 2023 19:51



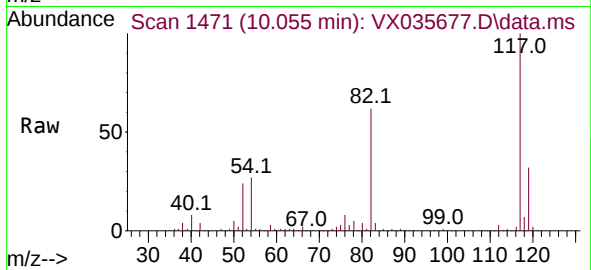
Tgt Ion: 95 Resp: 162617
Ion Ratio Lower Upper
95 100
174 65.8 0.0 147.4
176 62.5 0.0 140.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035677.D
Acq: 15 May 2023 19:51

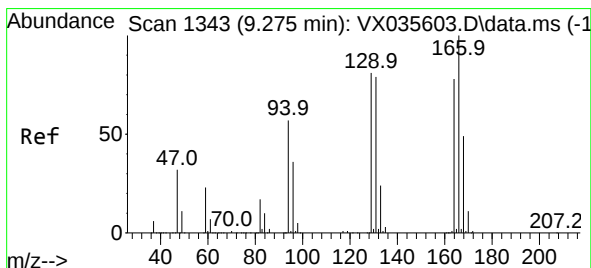
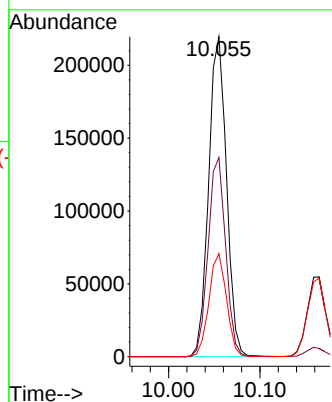
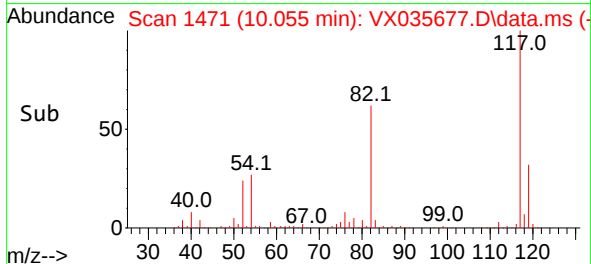
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 297368
Ion Ratio Lower Upper
117 100
82 62.3 45.0 67.4
119 32.2 26.0 39.0

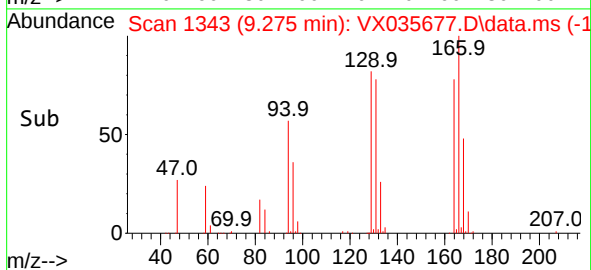
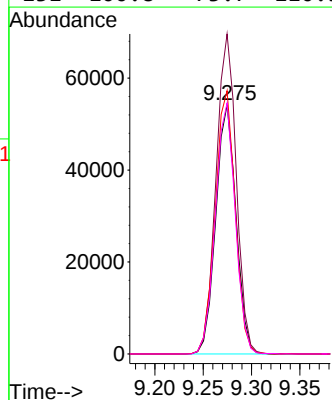
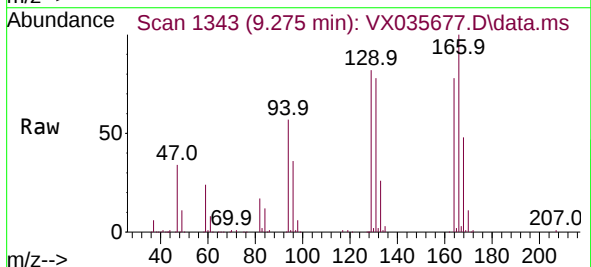
Manual Integrations
APPROVED

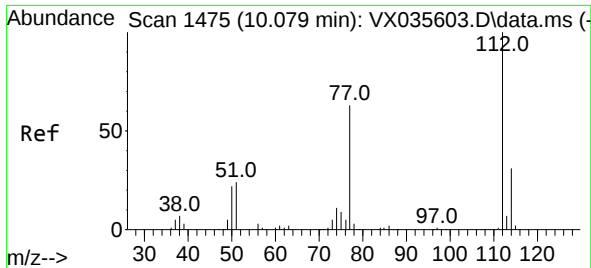
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#64
Tetrachloroethene
Concen: 39.133 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX035677.D
Acq: 15 May 2023 19:51

Tgt Ion:164 Resp: 78345
Ion Ratio Lower Upper
164 100
166 128.5 102.7 154.1
129 105.7 75.6 113.4
131 100.8 73.7 110.5





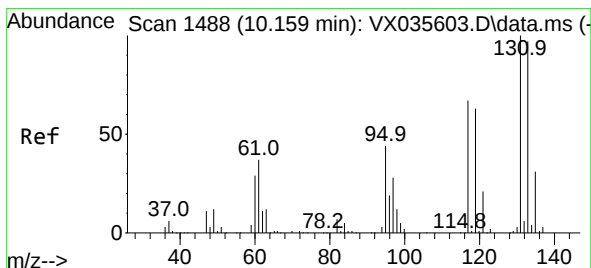
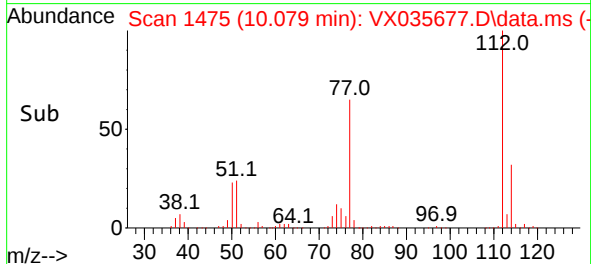
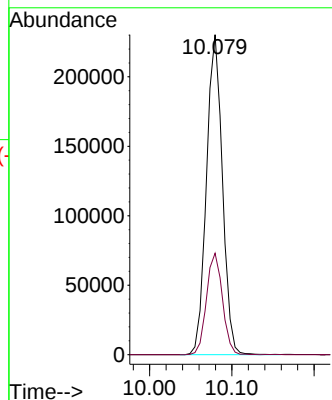
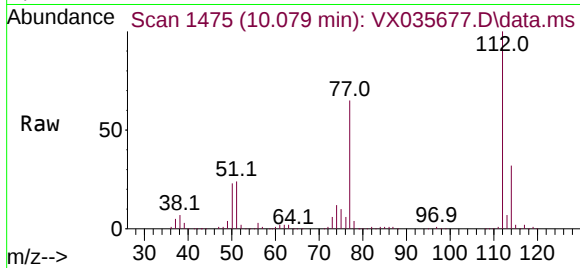
#65
Chlorobenzene
Concen: 47.753 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX035677.D
Acq: 15 May 2023 19:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 30997
Ion Ratio Lower Upper
112 100
114 31.7 26.2 39.2

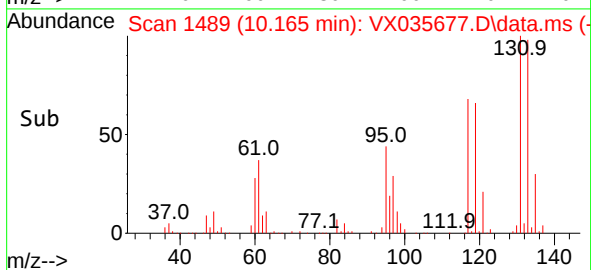
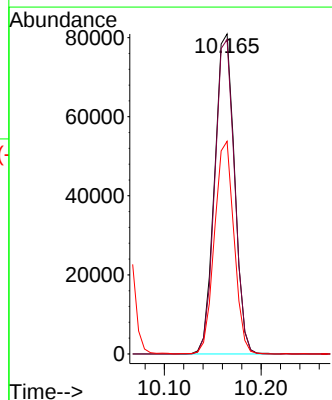
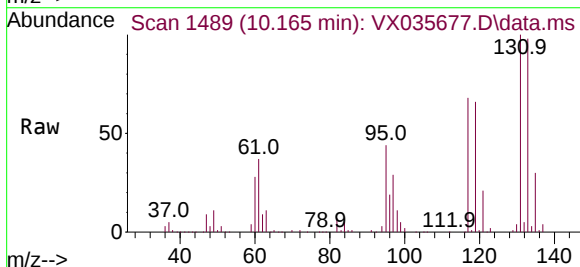
Manual Integrations
APPROVED

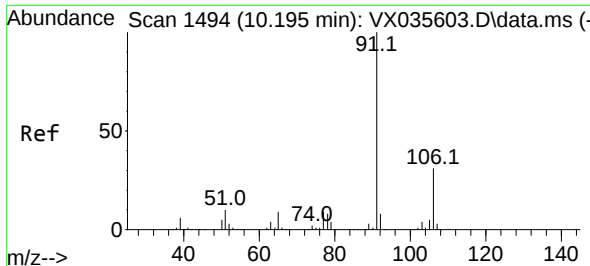
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 50.357 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VX035677.D
Acq: 15 May 2023 19:51

Tgt Ion:131 Resp: 115583
Ion Ratio Lower Upper
131 100
133 97.3 47.1 141.4
119 65.1 32.6 98.0





#67

Ethyl Benzene

Concen: 45.280 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX035677.D

Acq: 15 May 2023 19:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 552780

Ion Ratio Lower Upper

91 100

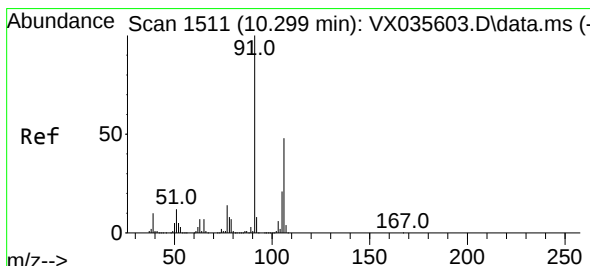
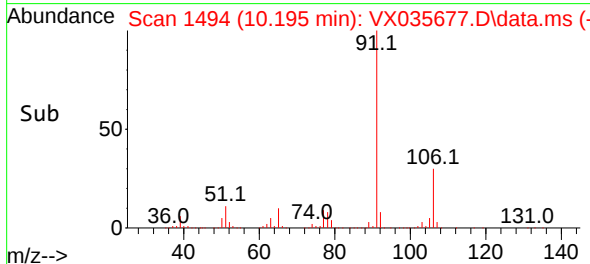
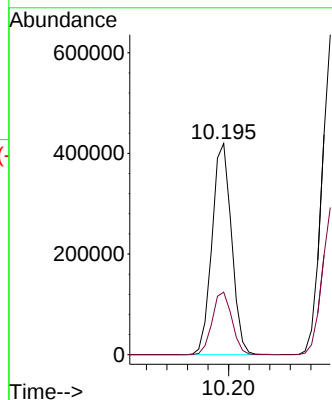
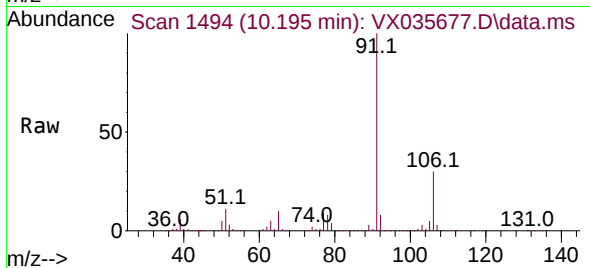
106 29.6 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2023

Supervised By :Mahesh Dadoda 05/16/2023



#68

m/p-Xylenes

Concen: 89.856 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX035677.D

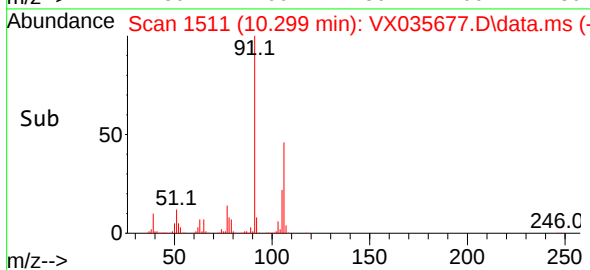
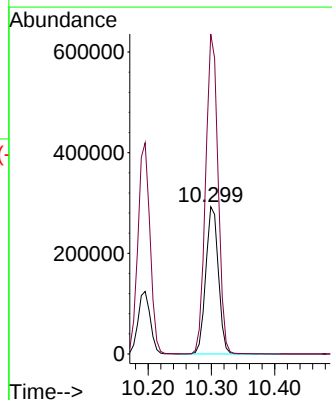
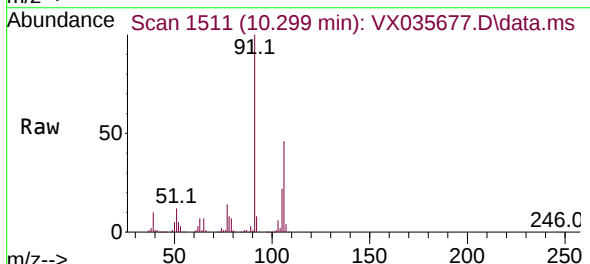
Acq: 15 May 2023 19:51

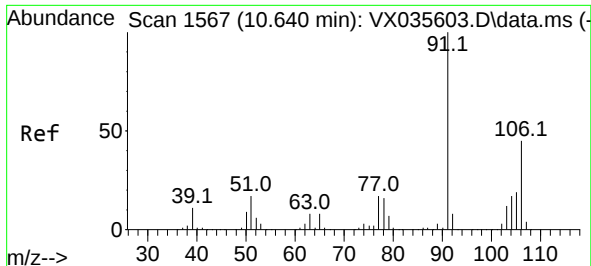
Tgt Ion:106 Resp: 405485

Ion Ratio Lower Upper

106 100

91 214.8 164.0 246.0





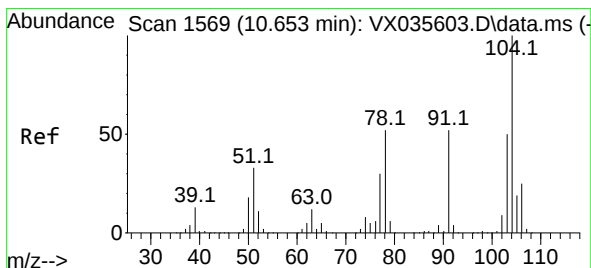
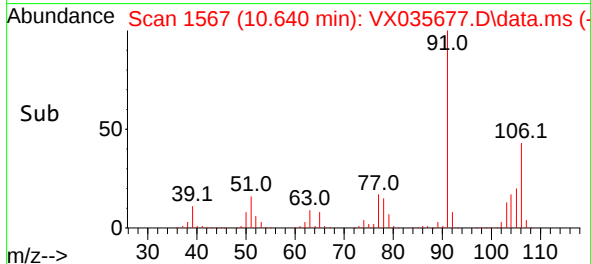
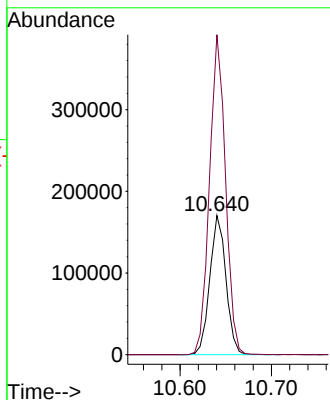
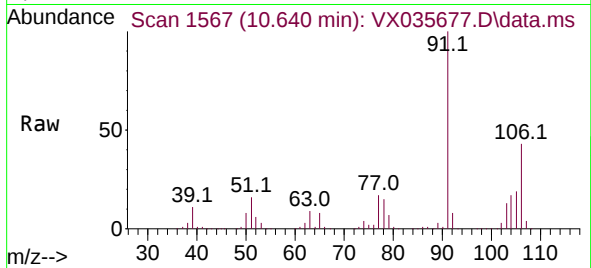
#69
o-Xylene
Concen: 46.650 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX035677.D
Acq: 15 May 2023 19:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 20889
Ion Ratio Lower Upper
106 100
91 227.1 108.5 325.3

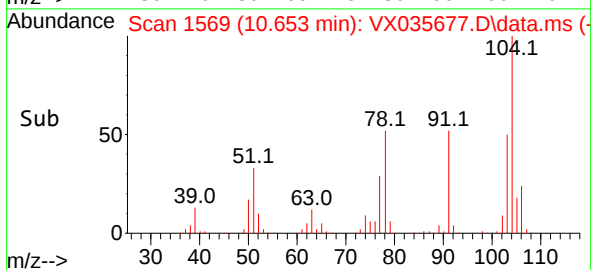
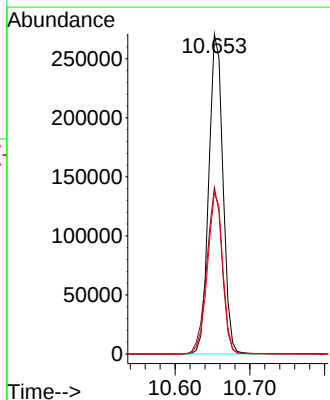
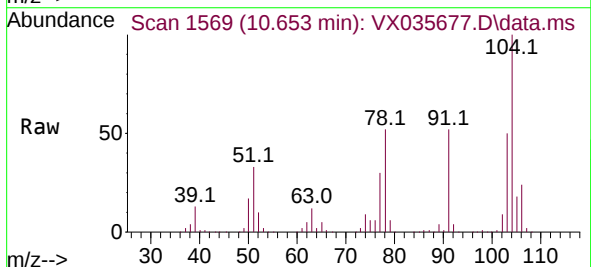
Manual Integrations
APPROVED

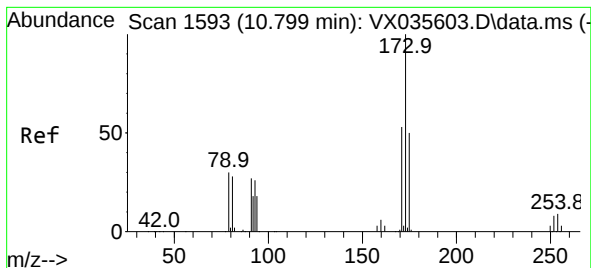
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#70
Styrene
Concen: 49.568 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.001 min
Lab File: VX035677.D
Acq: 15 May 2023 19:51

Tgt Ion:104 Resp: 357725
Ion Ratio Lower Upper
104 100
78 56.4 43.4 65.2
103 54.4 44.2 66.2





#71

Bromoform

Concen: 53.564 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX035677.D

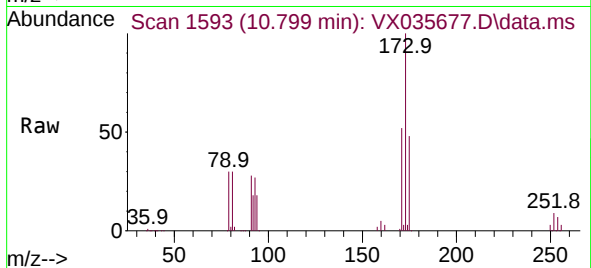
Acq: 15 May 2023 19:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



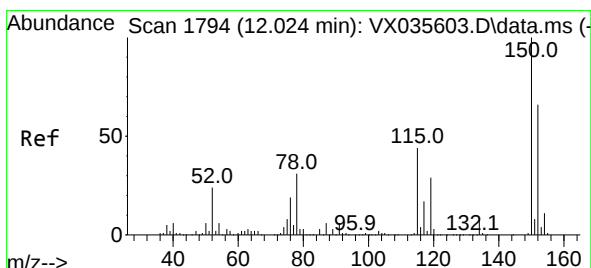
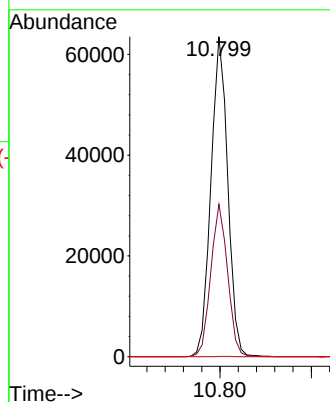
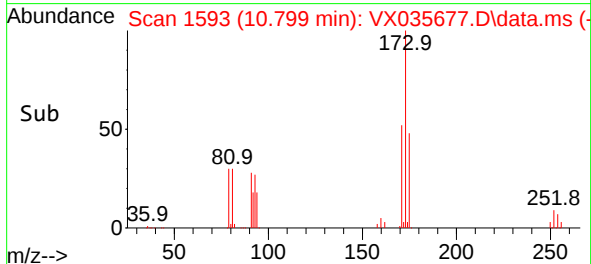
Tgt Ion:173	Resp:	80892
Ion Ratio	Lower	Upper
173	100	
175	47.6	24.1 72.4
254	0.1	0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2023

Supervised By :Mahesh Dadoda 05/16/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

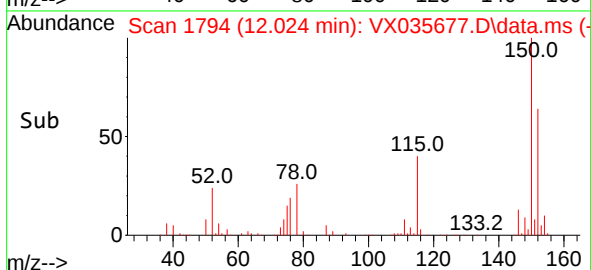
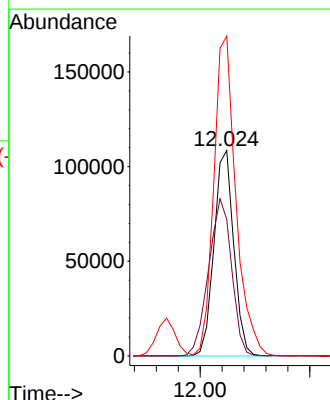
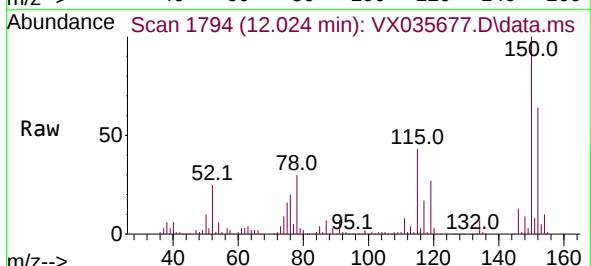
RT: 12.024 min Scan# 1794

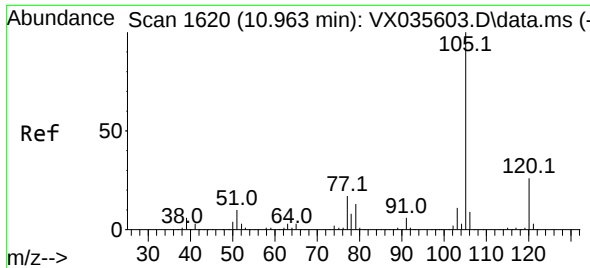
Delta R.T. 0.000 min

Lab File: VX035677.D

Acq: 15 May 2023 19:51

Tgt Ion:152	Resp:	135737
Ion Ratio	Lower	Upper
152	100	
115	89.4	45.0 135.0
150	174.1	0.0 352.4





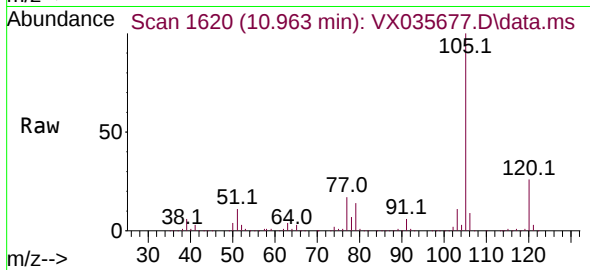
#73
Isopropylbenzene
Concen: 44.081 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX035677.D
Acq: 15 May 2023 19:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



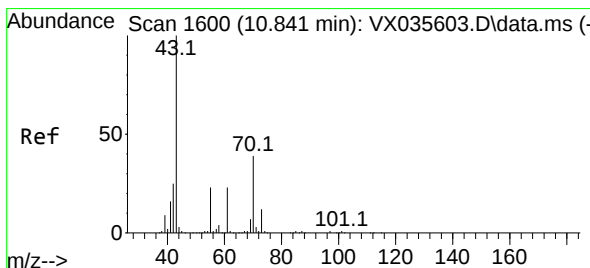
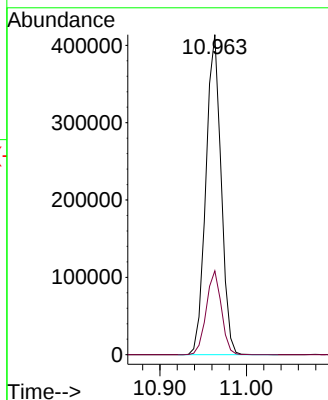
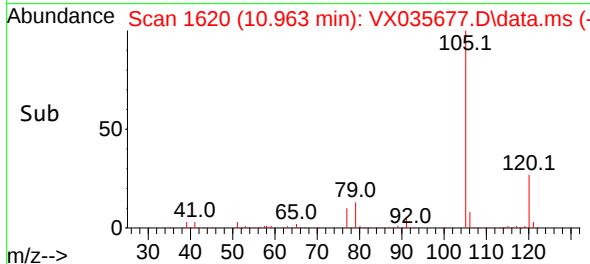
Tgt Ion:105 Resp: 504198
Ion Ratio Lower Upper
105 100
120 26.0 13.3 39.9

Manual Integrations

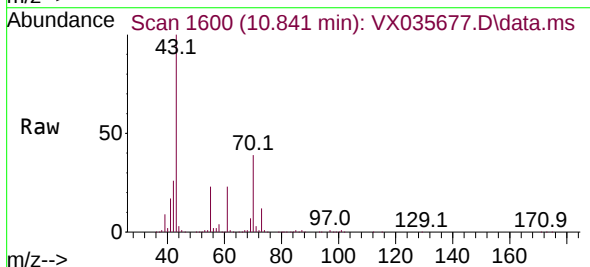
APPROVED

Reviewed By :John Carlone 05/16/2023

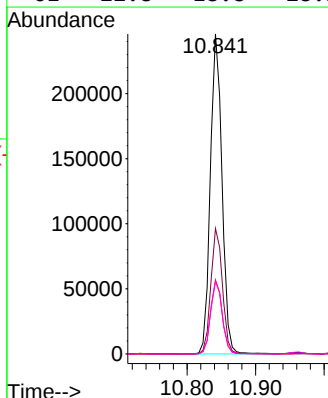
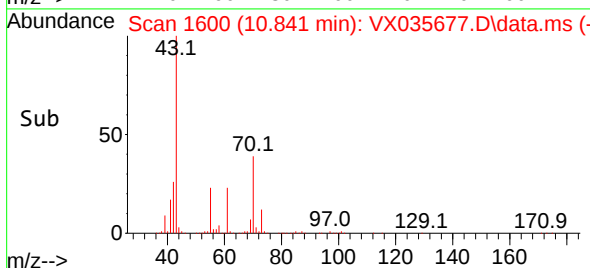
Supervised By :Mahesh Dadoda 05/16/2023

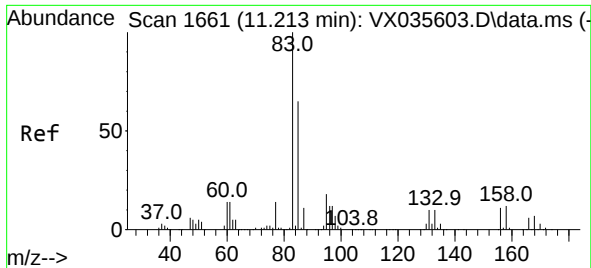


#74
N-ethyl acetate
Concen: 54.436 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX035677.D
Acq: 15 May 2023 19:51



Tgt Ion: 43 Resp: 290305
Ion Ratio Lower Upper
43 100
70 39.1 32.1 48.1
55 23.3 18.3 27.5
61 22.8 18.8 28.2





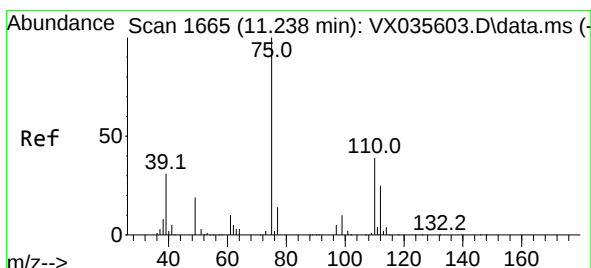
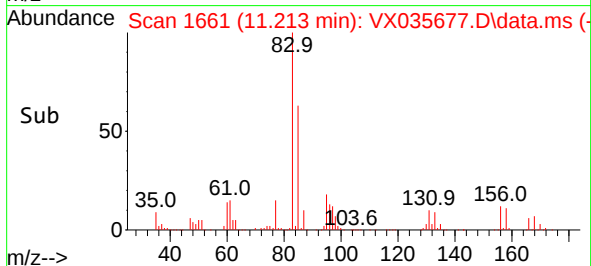
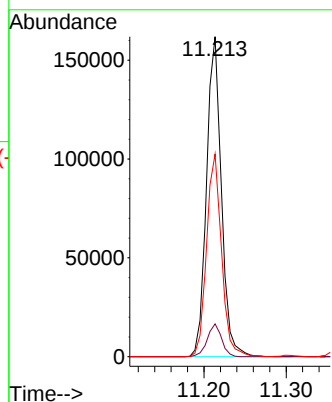
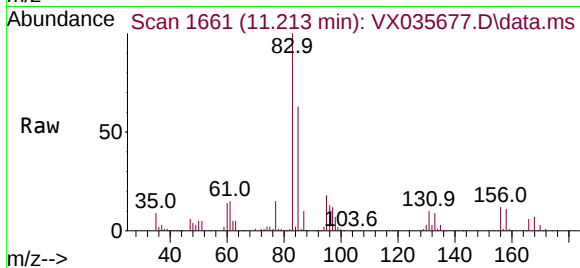
#75
1,1,2,2-Tetrachloroethane
Concen: 54.768 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX035677.D
Acq: 15 May 2023 19:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 203210
Ion Ratio Lower Upper
83 100
131 9.9 4.8 14.3
85 63.9 32.0 96.0

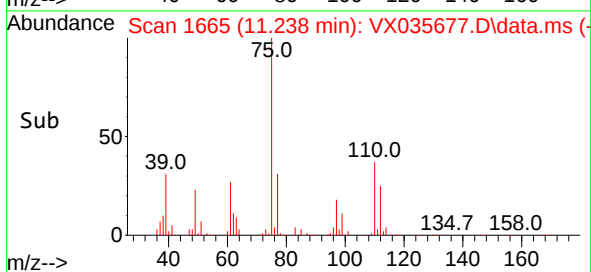
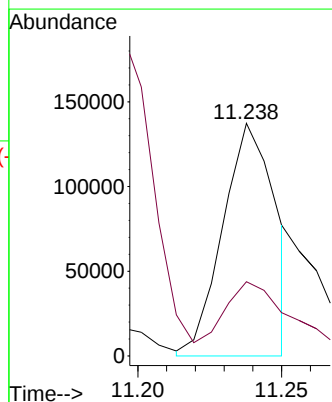
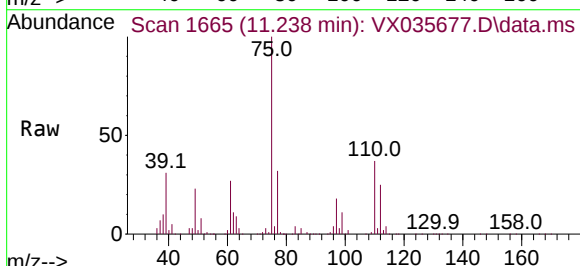
Manual Integrations
APPROVED

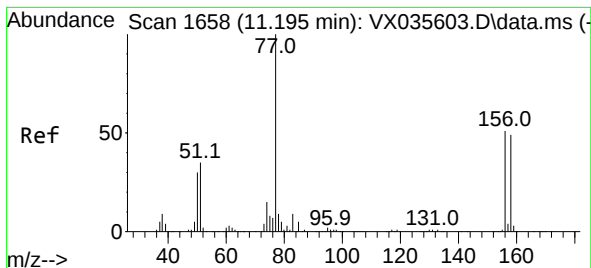
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#76
1,2,3-Trichloropropane
Concen: 52.670 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX035677.D
Acq: 15 May 2023 19:51

Tgt Ion: 75 Resp: 174874
Ion Ratio Lower Upper
75 100
77 42.2 21.6 64.8





#77

Bromobenzene

Concen: 49.372 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX035677.D

Acq: 15 May 2023 19:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:156 Resp: 12817

Ion Ratio Lower Upper

156 100

77 188.0 86.7 259.9

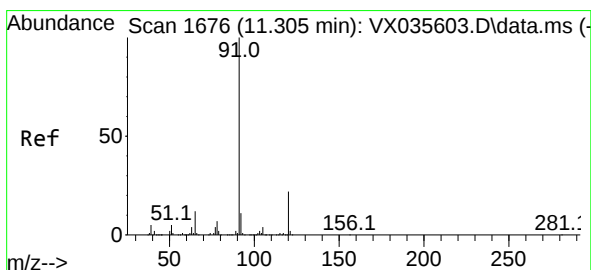
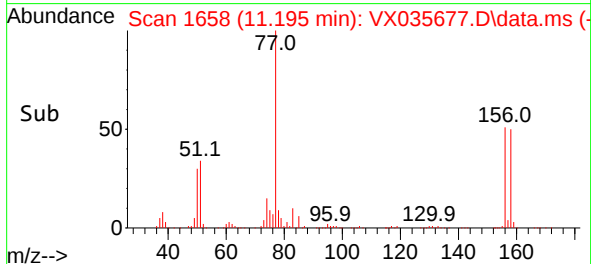
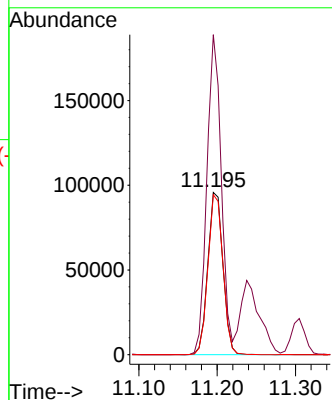
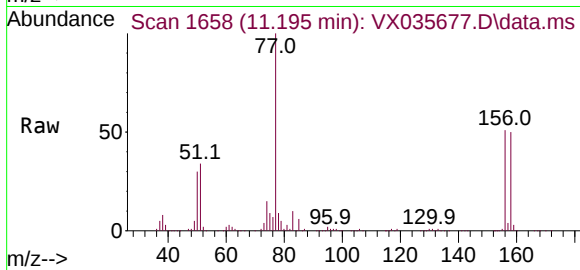
158 97.9 48.0 144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2023

Supervised By :Mahesh Dadoda 05/16/2023



#78

n-propylbenzene

Concen: 43.419 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX035677.D

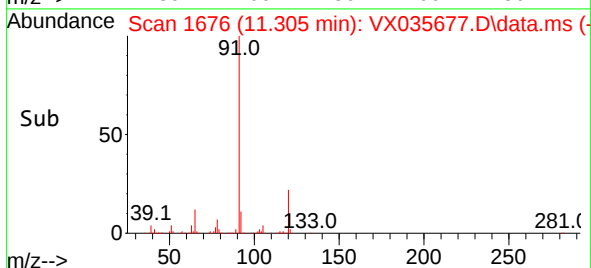
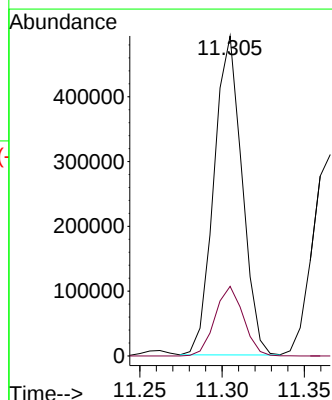
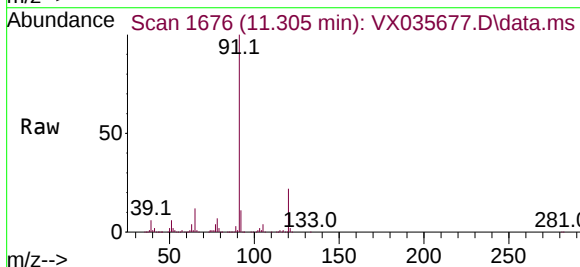
Acq: 15 May 2023 19:51

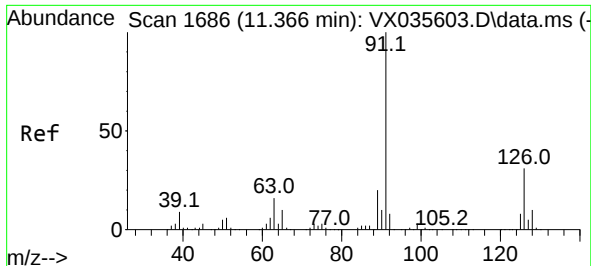
Tgt Ion: 91 Resp: 583784

Ion Ratio Lower Upper

91 100

120 22.0 11.5 34.5





#79

2-Chlorotoluene

Concen: 46.491 ug/l

RT: 11.366 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX035677.D

Acq: 15 May 2023 19:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 391359

Ion Ratio Lower Upper

91 100

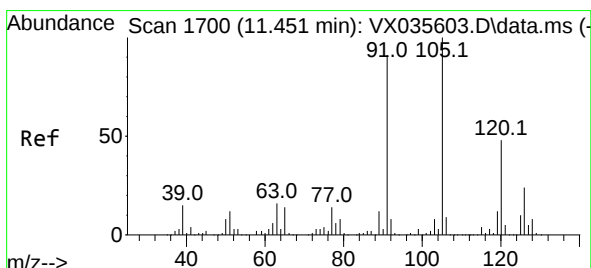
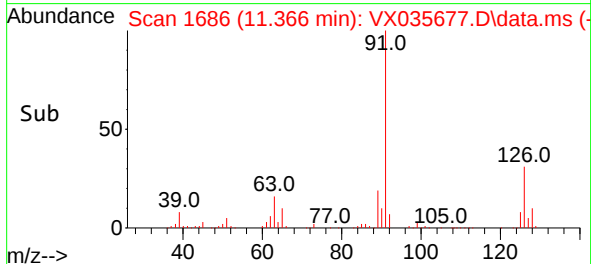
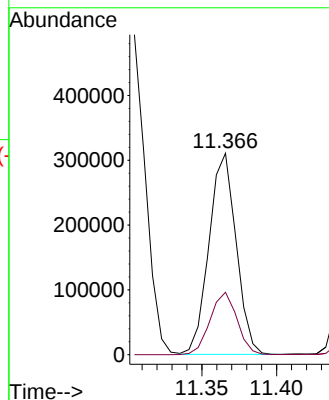
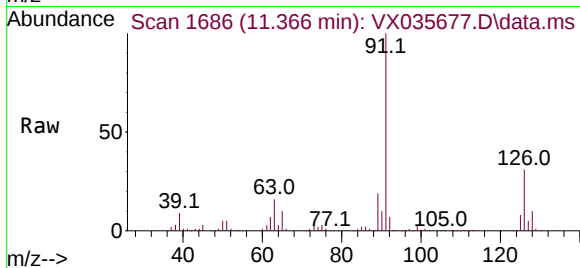
126 30.8 16.3 48.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2023

Supervised By :Mahesh Dadoda 05/16/2023



#80

1,3,5-Trimethylbenzene

Concen: 44.916 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX035677.D

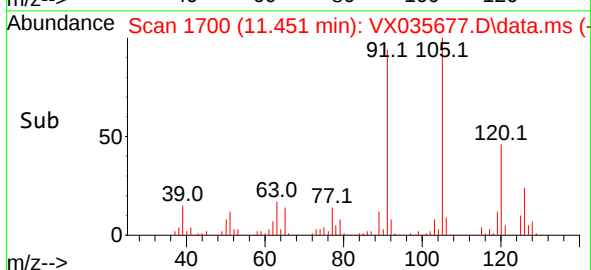
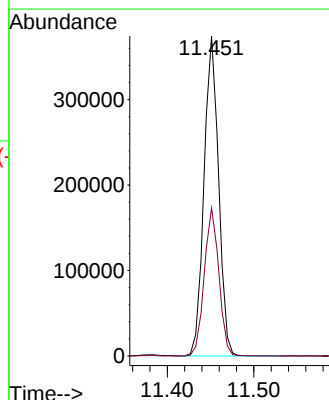
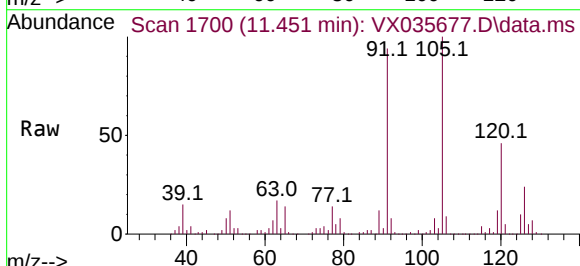
Acq: 15 May 2023 19:51

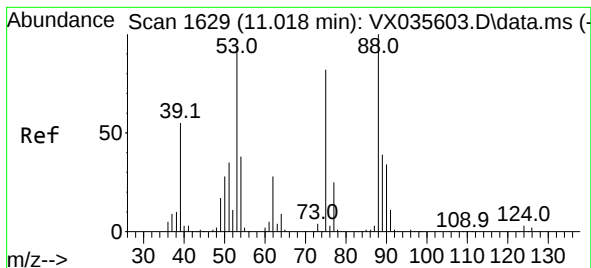
Tgt Ion:105 Resp: 436643

Ion Ratio Lower Upper

105 100

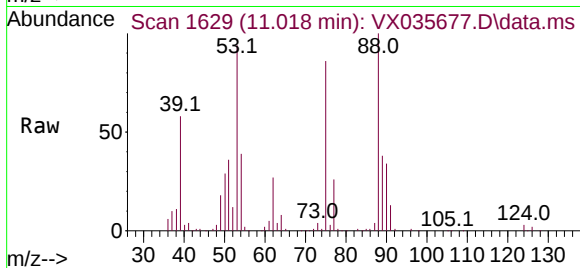
120 46.3 23.7 71.1





#81
trans-1,4-Dichloro-2-butene
Concen: 54.719 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX035677.D
Acq: 15 May 2023 19:51

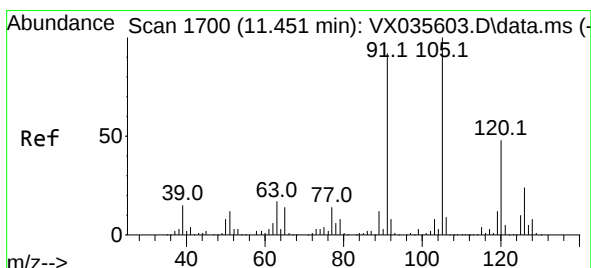
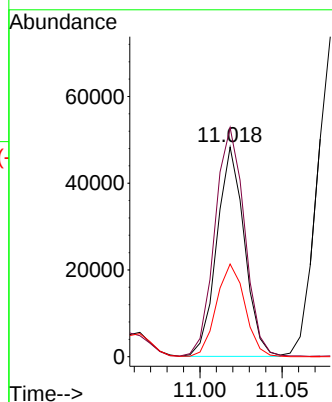
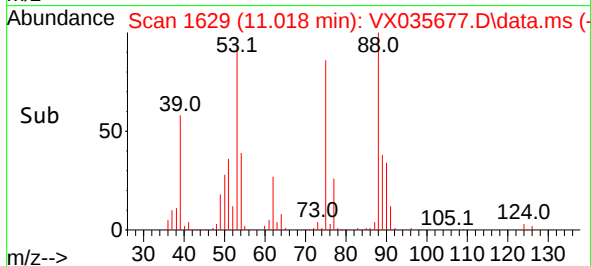
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 5637
Ion Ratio Lower Upper
75 100
53 117.8 82.6 124.0
89 45.7 36.9 55.3

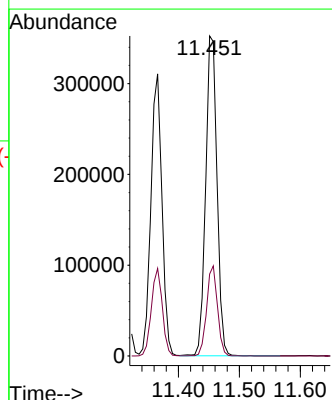
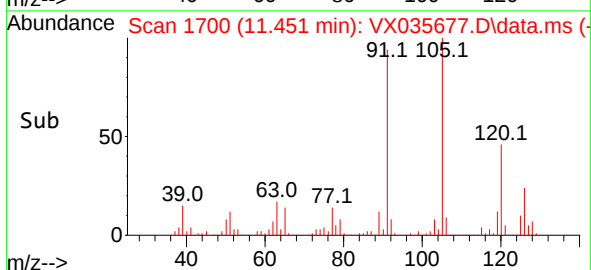
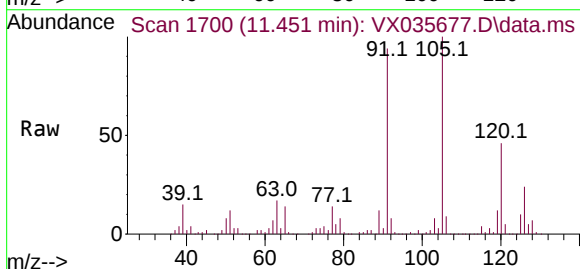
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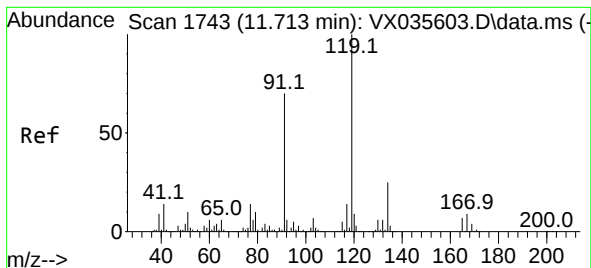
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#82
4-Chlorotoluene
Concen: 47.166 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035677.D
Acq: 15 May 2023 19:51

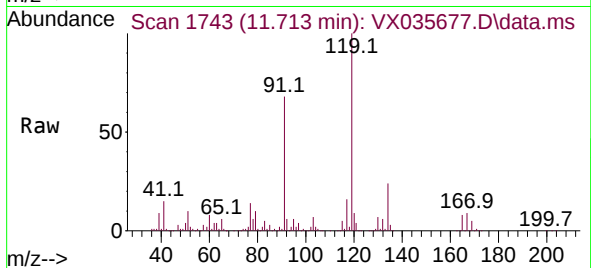
Tgt Ion: 91 Resp: 457251
Ion Ratio Lower Upper
91 100
126 26.8 14.2 42.6





#83
tert-Butylbenzene
Concen: 42.634 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX035677.D
Acq: 15 May 2023 19:51

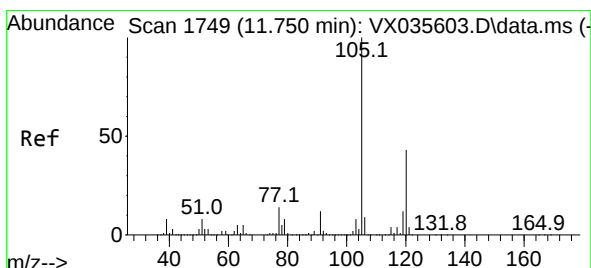
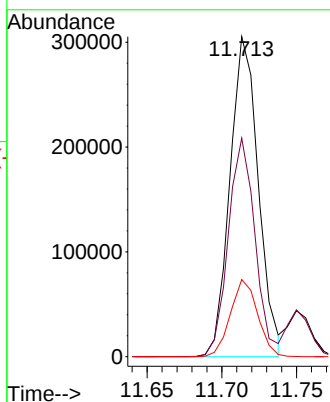
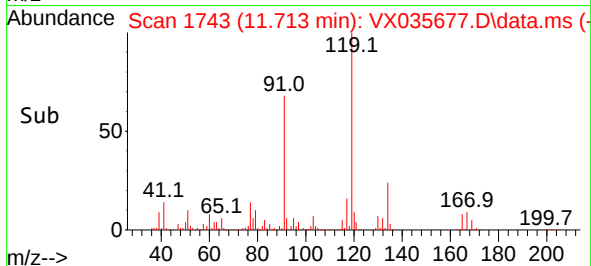
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



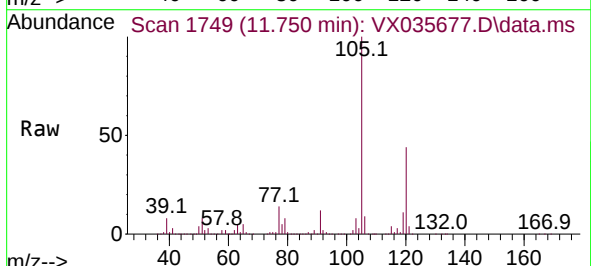
Tgt Ion:119 Resp: 402878
Ion Ratio Lower Upper
119 100
91 64.4 30.6 92.0
134 23.2 11.8 35.4

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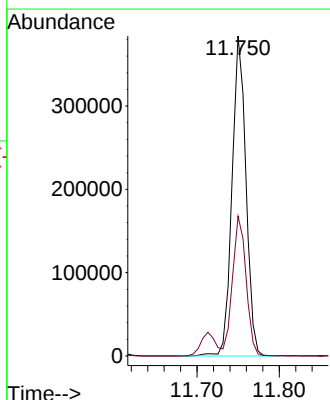
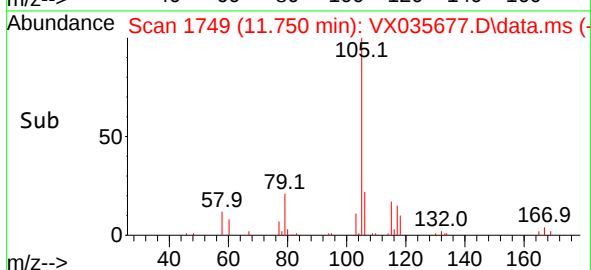
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023

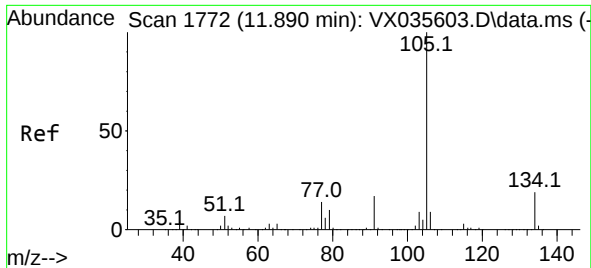


#84
1,2,4-Trimethylbenzene
Concen: 46.439 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX035677.D
Acq: 15 May 2023 19:51



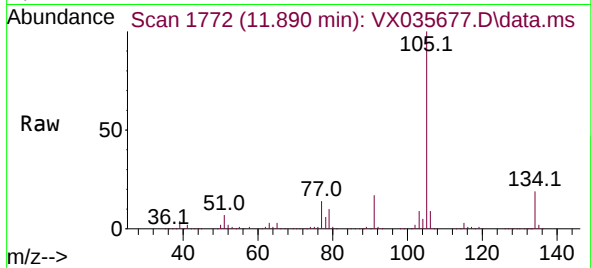
Tgt Ion:105 Resp: 453300
Ion Ratio Lower Upper
105 100
120 42.5 22.4 67.0





#85
 sec-Butylbenzene
 Concen: 39.408 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX035677.D
 Acq: 15 May 2023 19:51

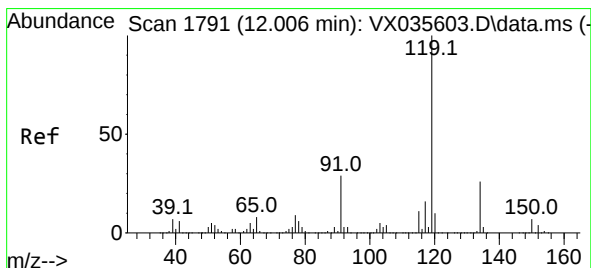
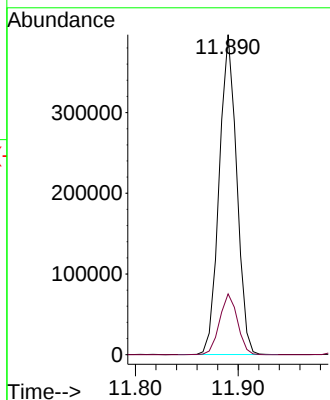
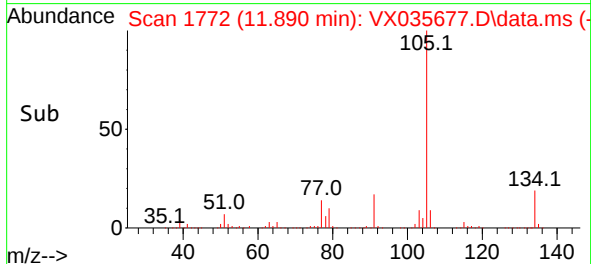
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



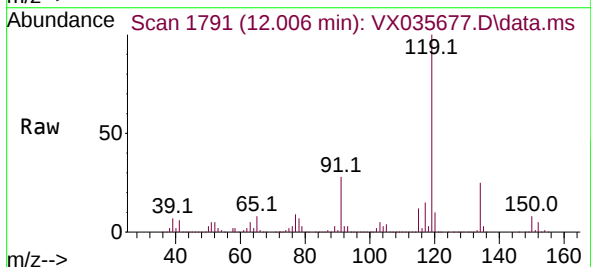
Tgt Ion:105 Resp: 46756
 Ion Ratio Lower Upper
 105 100
 134 19.4 10.2 30.4

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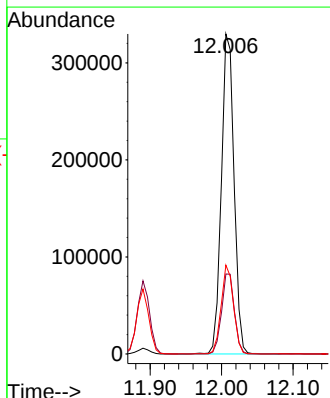
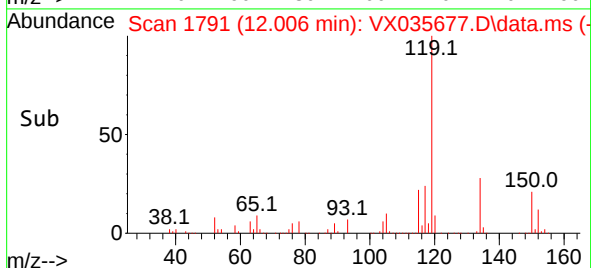
Reviewed By :John Carlone 05/16/2023
 Supervised By :Mahesh Dadoda 05/16/2023

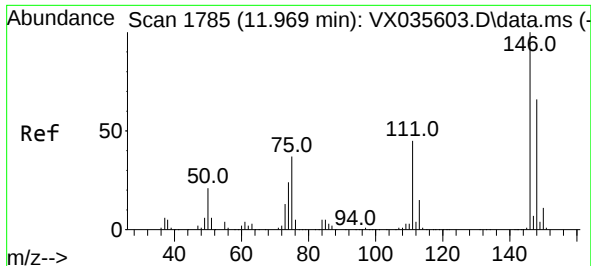


#86
 p-Isopropyltoluene
 Concen: 41.621 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX035677.D
 Acq: 15 May 2023 19:51



Tgt Ion:119 Resp: 405978
 Ion Ratio Lower Upper
 119 100
 134 25.3 13.2 39.5
 91 27.1 12.9 38.7





#87

1,3-Dichlorobenzene

Concen: 47.371 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX035677.D

Acq: 15 May 2023 19:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 233619

Ion Ratio Lower Upper

146 100

111 44.8 20.9 62.8

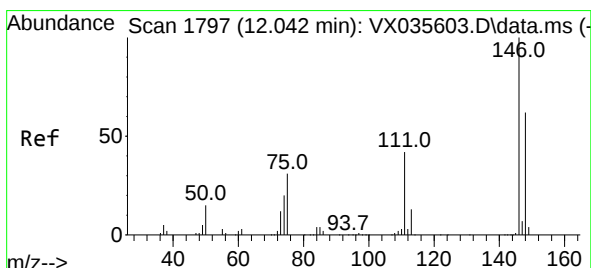
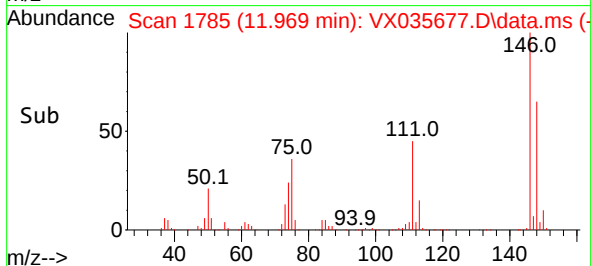
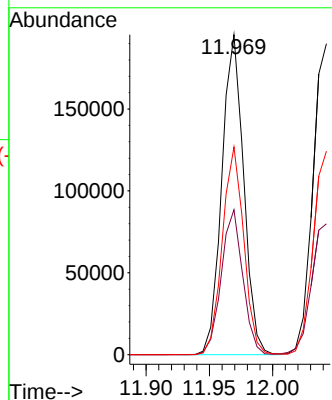
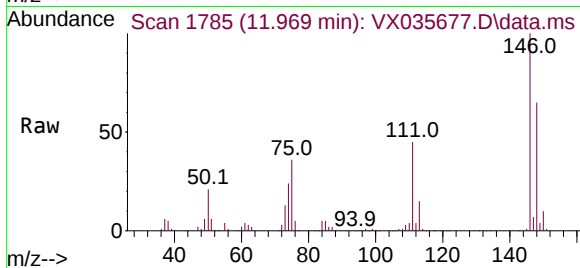
148 63.9 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2023

Supervised By :Mahesh Dadoda 05/16/2023



#88

1,4-Dichlorobenzene

Concen: 47.144 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.001 min

Lab File: VX035677.D

Acq: 15 May 2023 19:51

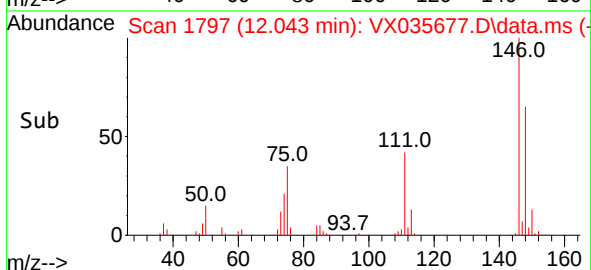
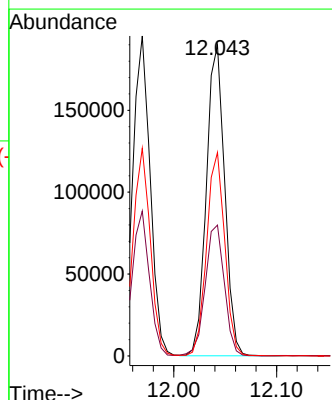
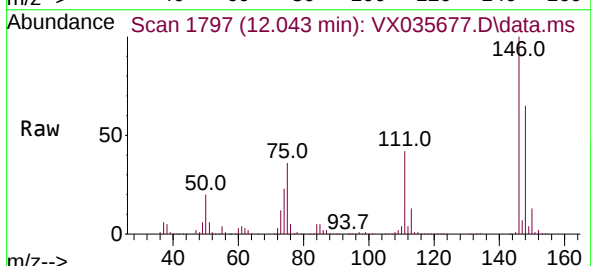
Tgt Ion:146 Resp: 234777

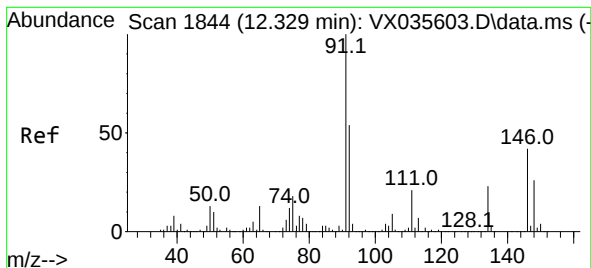
Ion Ratio Lower Upper

146 100

111 44.3 20.6 61.9

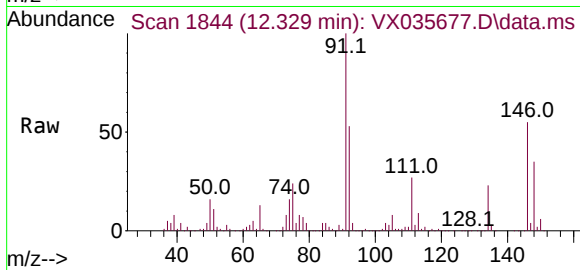
148 64.9 31.8 95.4





#89
n-Butylbenzene
Concen: 38.984 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX035677.D
Acq: 15 May 2023 19:51

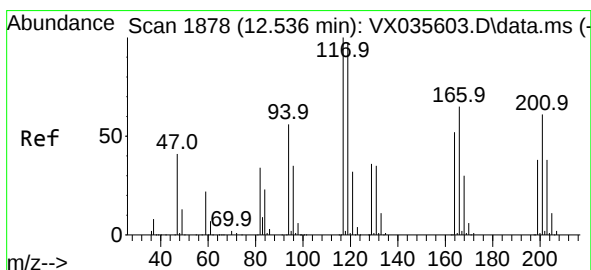
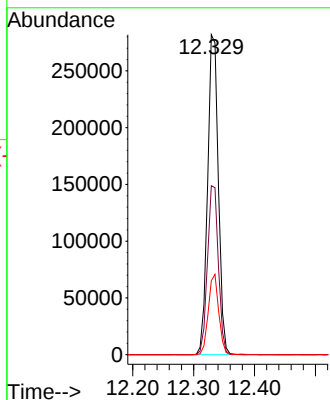
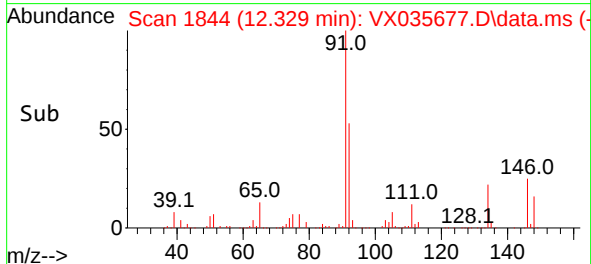
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 34591
Ion Ratio Lower Upper
91 100
92 53.6 27.7 83.0
134 24.3 13.0 38.9

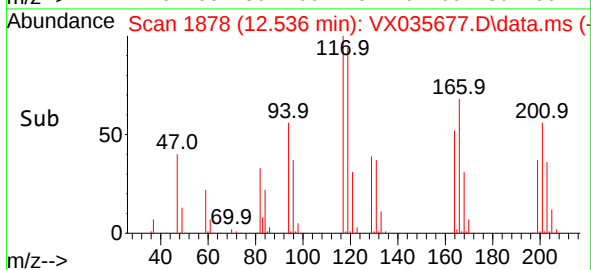
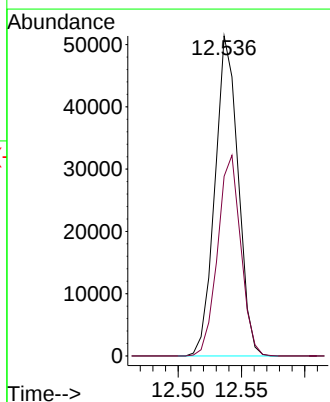
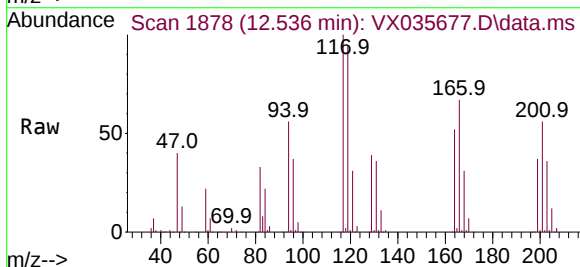
Manual Integrations
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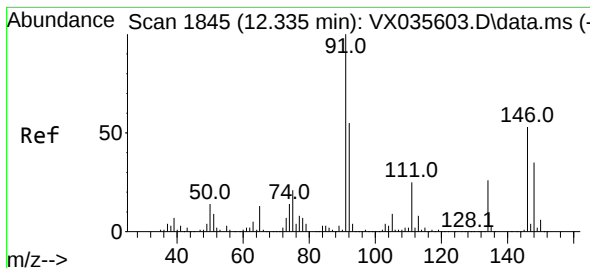
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#90
Hexachloroethane
Concen: 44.226 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX035677.D
Acq: 15 May 2023 19:51

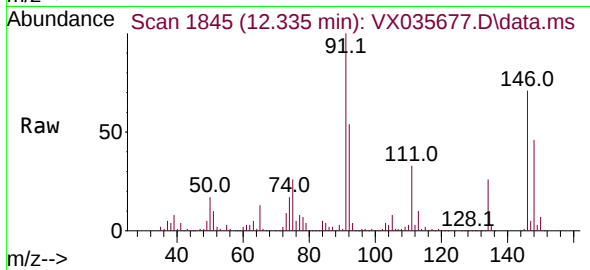
Tgt Ion:117 Resp: 65384
Ion Ratio Lower Upper
117 100
201 62.5 34.4 103.1





#91
1,2-Dichlorobenzene
Concen: 48.514 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX035677.D
Acq: 15 May 2023 19:51

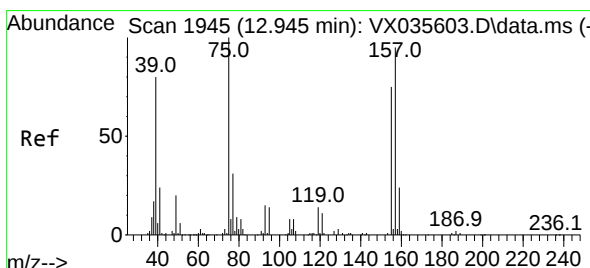
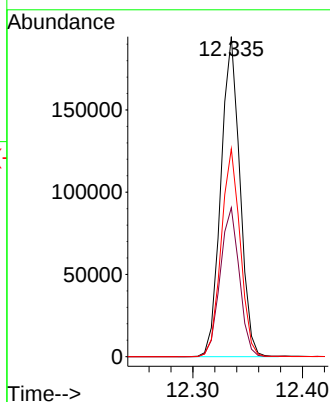
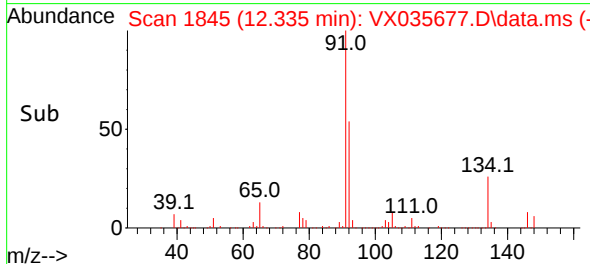
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 234292
Ion Ratio Lower Upper
146 100
111 47.1 22.0 66.0
148 65.0 32.0 96.0

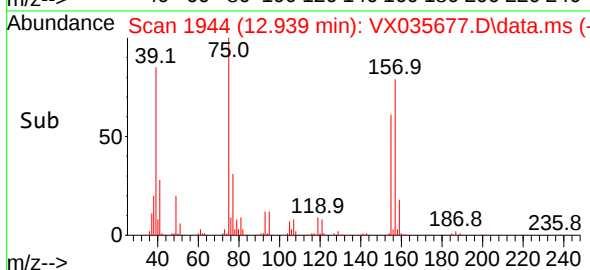
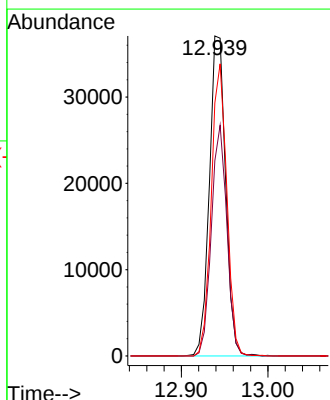
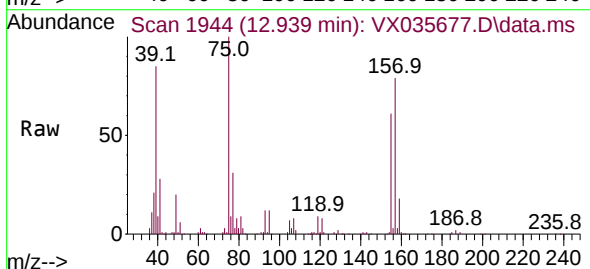
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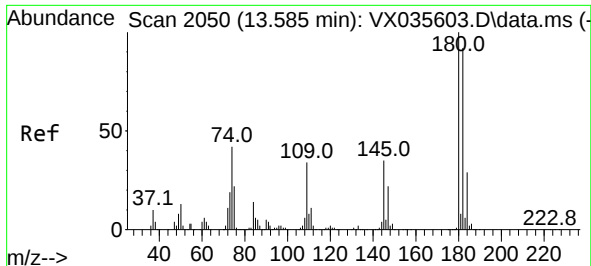
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 58.655 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX035677.D
Acq: 15 May 2023 19:51

Tgt Ion: 75 Resp: 48462
Ion Ratio Lower Upper
75 100
155 68.6 38.4 115.1
157 86.9 49.9 149.7





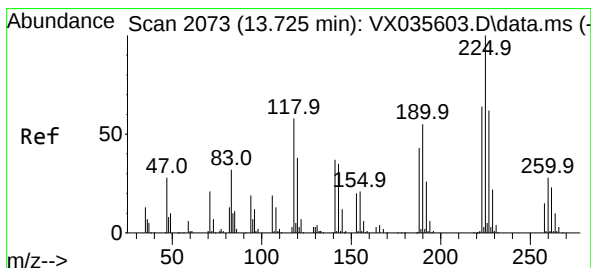
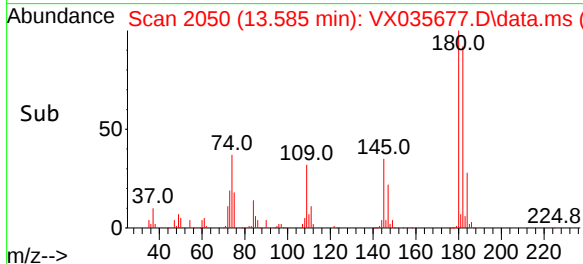
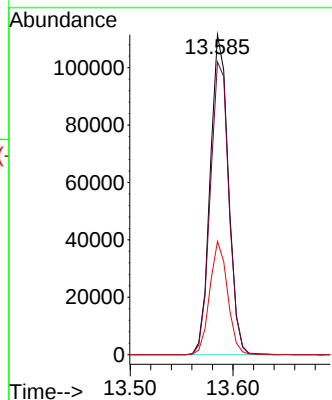
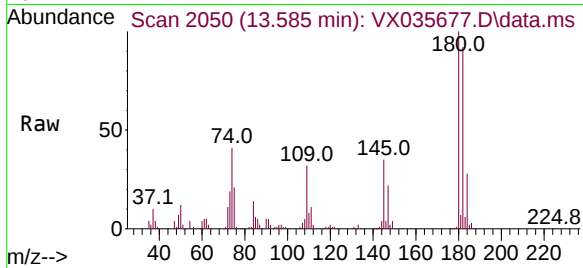
#93
1,2,4-Trichlorobenzene
Concen: 47.066 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX035677.D
Acq: 15 May 2023 19:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:180 Resp: 13686
Ion Ratio Lower Upper
180 100
182 93.9 47.0 141.0
145 34.7 15.9 47.7

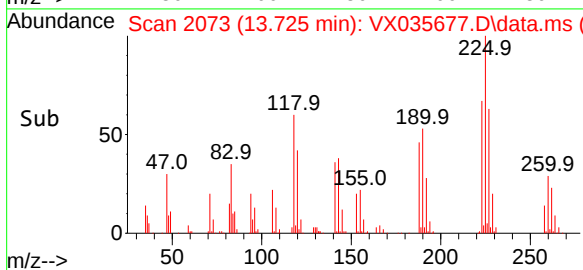
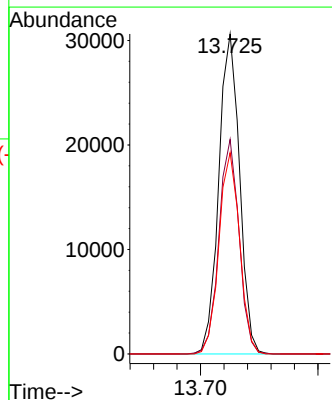
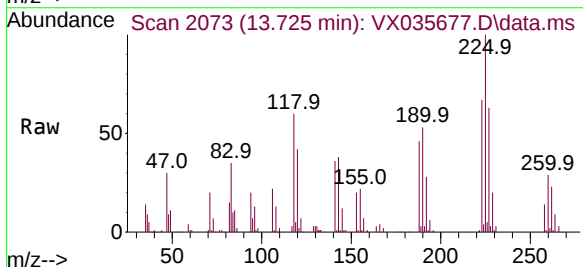
Manual Integrations
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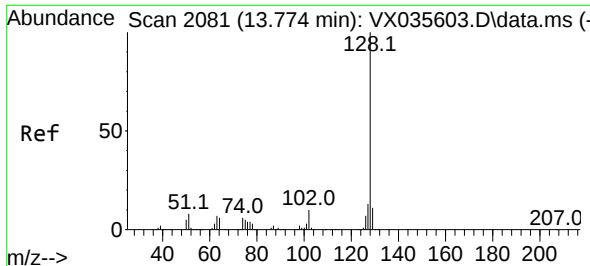
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#94
Hexachlorobutadiene
Concen: 32.649 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX035677.D
Acq: 15 May 2023 19:51

Tgt Ion:225 Resp: 37683
Ion Ratio Lower Upper
225 100
223 64.8 32.1 96.5
227 62.5 31.8 95.4





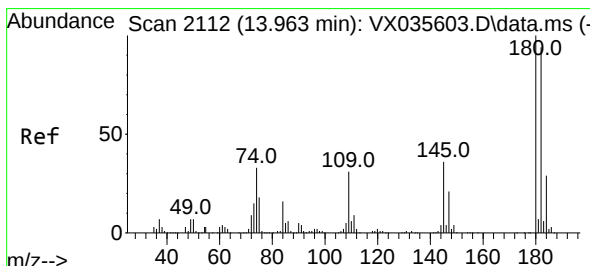
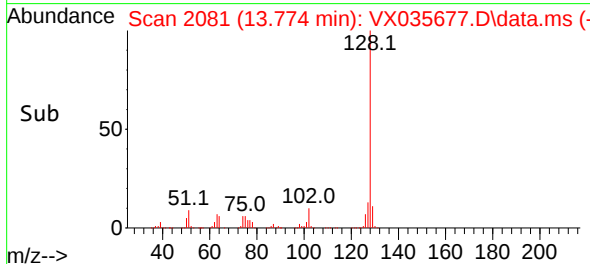
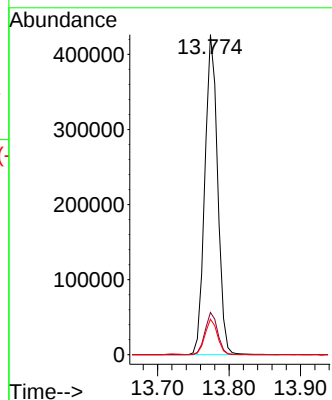
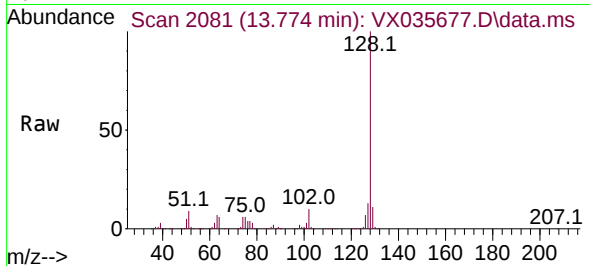
#95
Naphthalene
Concen: 53.213 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX035677.D
Acq: 15 May 2023 19:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 529909
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 10.8 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#96
1,2,3-Trichlorobenzene
Concen: 46.504 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX035677.D
Acq: 15 May 2023 19:51

Tgt Ion:180 Resp: 132997
Ion Ratio Lower Upper
180 100
182 95.1 48.0 144.2
145 36.9 17.7 53.1

