

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031423\
 Data File : VX034482.D
 Acq On : 15 Mar 2023 04:40
 Operator : JC/MD
 Sample : 01903-03 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D2-20230310DL

Quant Time: Mar 15 06:59:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

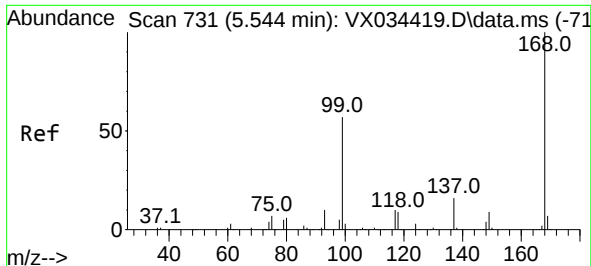
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	262063	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	450593	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	406082	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	183178	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	177954	46.677	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.360%
35) Dibromofluoromethane	5.379	113	142282	47.825	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.660%
50) Toluene-d8	8.647	98	544141	48.995	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.000%
62) 4-Bromofluorobenzene	11.079	95	215649	48.072	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.140%
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	623	Below Cal	#	42
9) 1,1,2-Trichlorotrifluo...	2.331	101	1048	0.360	ug/l	94
11) Tert butyl alcohol	2.940	59	2948	3.713	ug/l #	73
13) Acrolein	2.233	56	205	0.326	ug/l #	35
16) Acetone	2.380	43	1060	0.590	ug/l #	77
17) Carbon Disulfide	2.508	76	2093	0.259	ug/l	98
20) Methylene Chloride	2.782	84	1360	0.390	ug/l #	89
31) Cyclohexane	5.544	56	6186	1.157	ug/l #	18
36) 1,1-Dichloropropene	5.544	75	21177	4.634	ug/l #	50
38) Carbon Tetrachloride	5.544	117	26046	5.730	ug/l #	15
44) Trichloroethene	7.123	130	135461	39.002	ug/l	99
76) 1,2,3-Trichloropropane	11.079	75	111769	26.574	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	111769	71.890	ug/l #	8
94) Hexachlorobutadiene	13.725	225	724	0.447	ug/l	81

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quant Time: Mar 15 06:59:44 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
Quant Title : SW846 8260
QLast Update : Mon Mar 13 10:29:32 2023
Response via : Initial Calibration

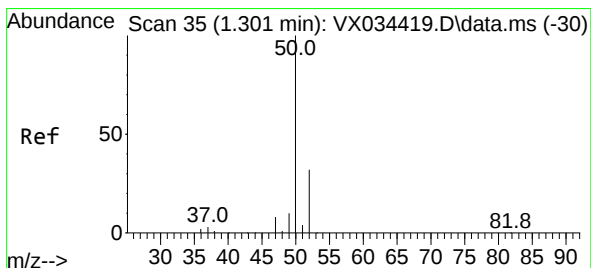
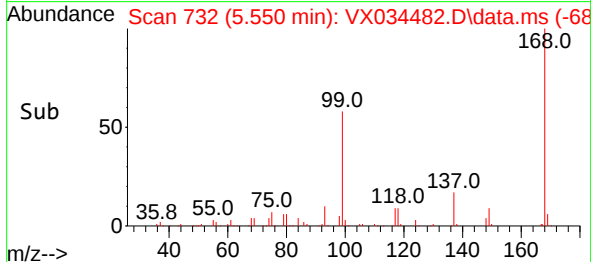
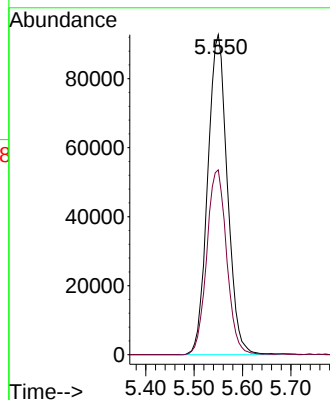
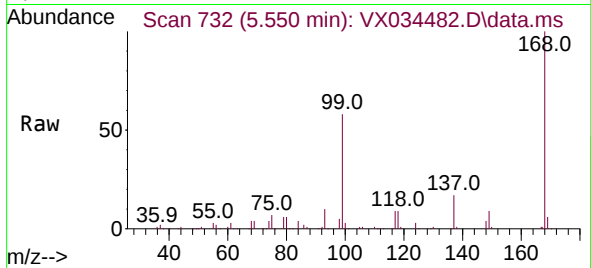




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034482.D
Acq: 15 Mar 2023 04:40

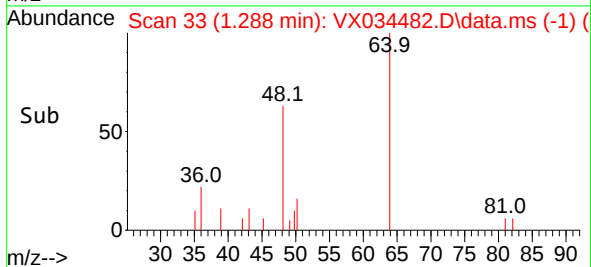
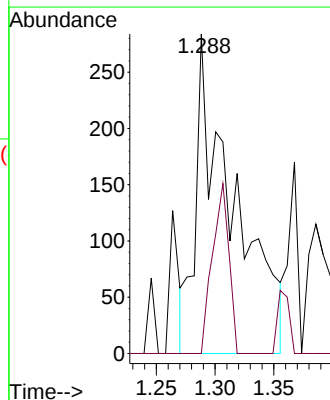
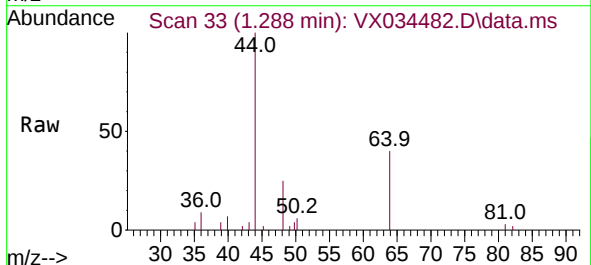
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20230310DL

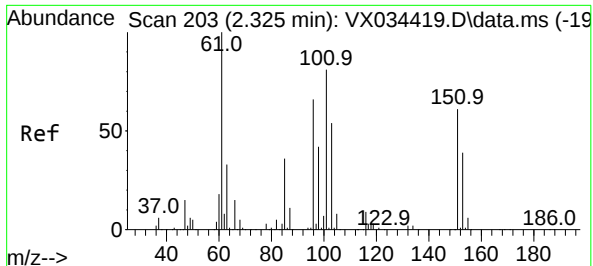
Tgt Ion:168 Resp: 262063
Ion Ratio Lower Upper
168 100
99 57.7 45.7 68.5



#3
Chloromethane
Concen: Below Cal
RT: 1.288 min Scan# 33
Delta R.T. -0.013 min
Lab File: VX034482.D
Acq: 15 Mar 2023 04:40

Tgt Ion: 50 Resp: 623
Ion Ratio Lower Upper
50 100
52 0.0 25.9 38.9#

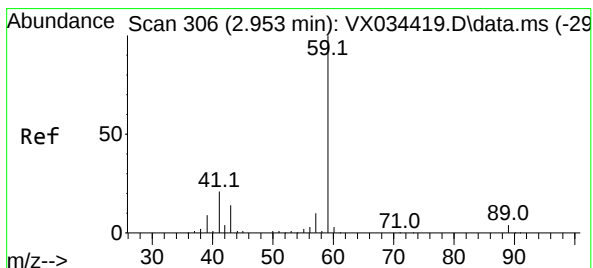
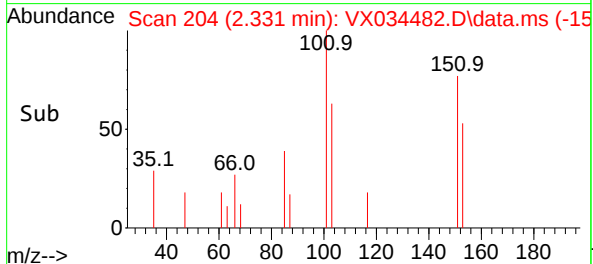
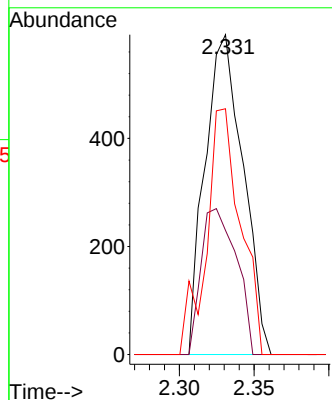
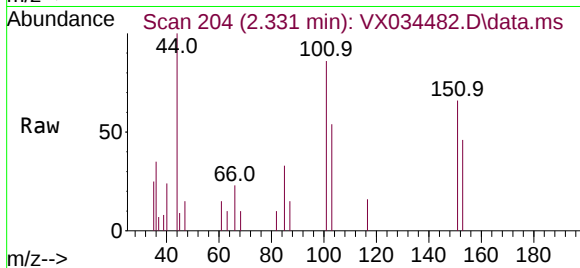




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.360 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX034482.D
Acq: 15 Mar 2023 04:40

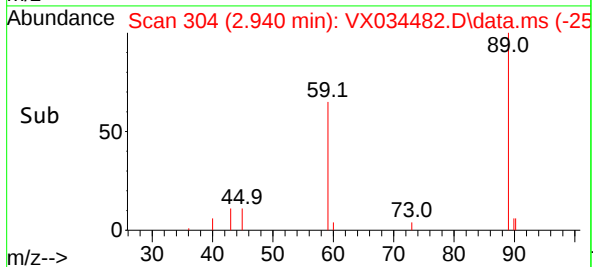
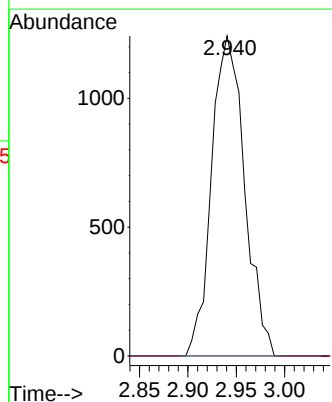
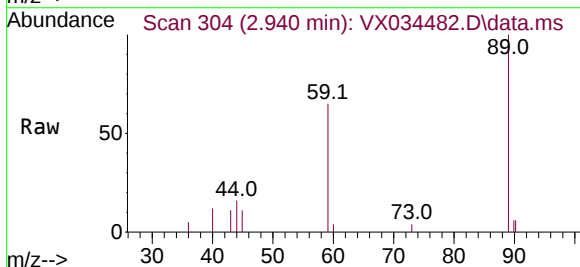
Instrument :
MSVOA_X
ClientSampleId :
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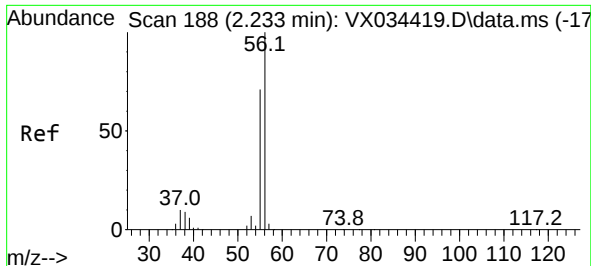
Tgt Ion:101 Resp: 1048
Ion Ratio Lower Upper
101 100
85 42.4 35.4 53.2
151 69.0 60.2 90.4



#11
Tert butyl alcohol
Concen: 3.713 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.012 min
Lab File: VX034482.D
Acq: 15 Mar 2023 04:40

Tgt Ion: 59 Resp: 2948
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

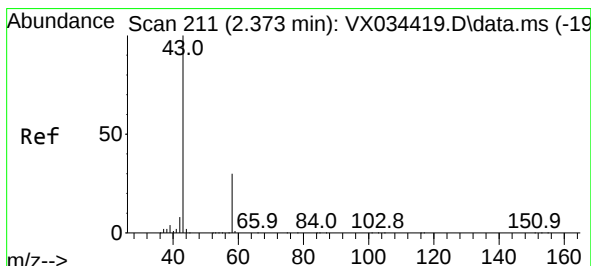
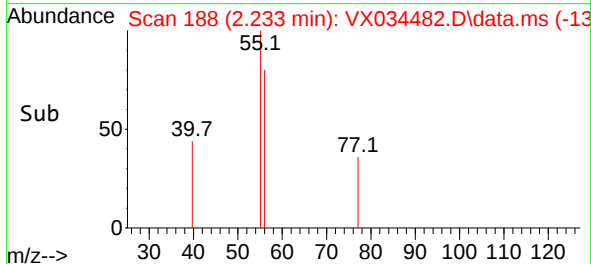
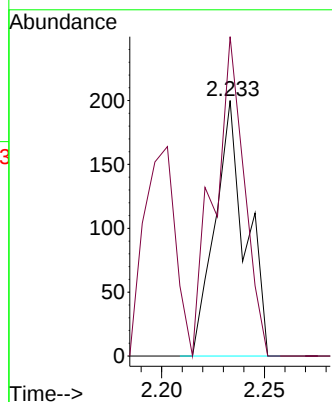
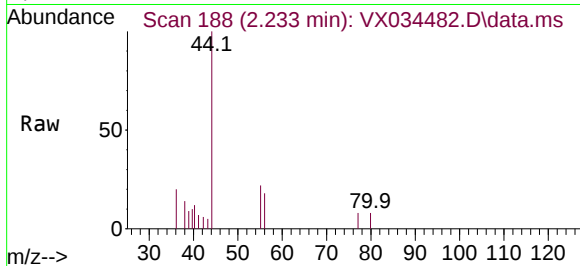




#13
Acrolein
Concen: 0.326 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034482.D
Acq: 15 Mar 2023 04:40

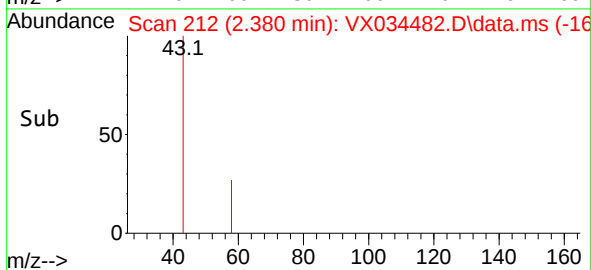
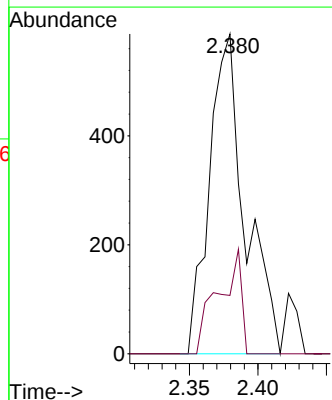
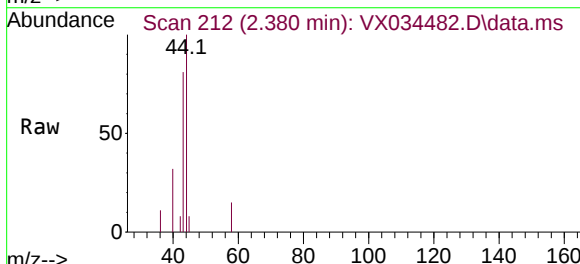
Instrument :
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ClientSampleId :
RE103D2-20230310DL

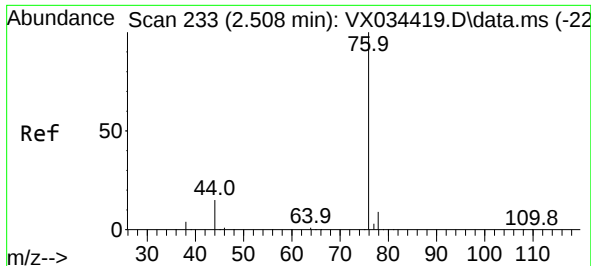
Tgt Ion: 56 Resp: 205
Ion Ratio Lower Upper
56 100
55 124.4 56.6 85.0#



#16
Acetone
Concen: 0.590 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX034482.D
Acq: 15 Mar 2023 04:40

Tgt Ion: 43 Resp: 1060
Ion Ratio Lower Upper
43 100
58 18.2 24.7 37.1#

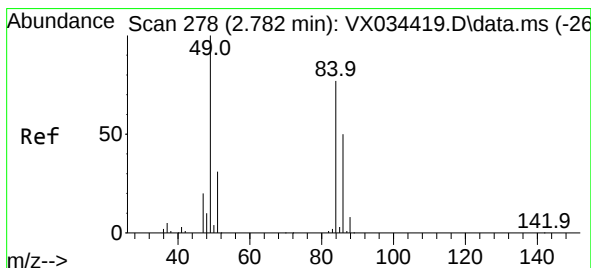
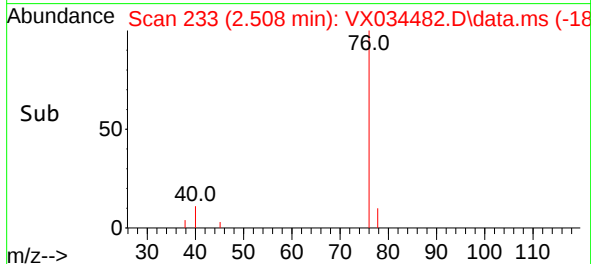
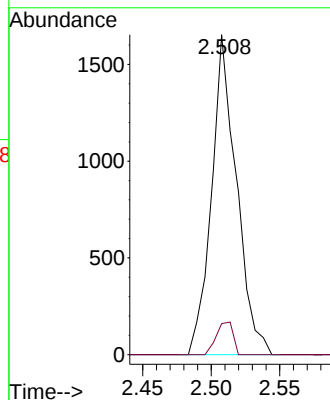
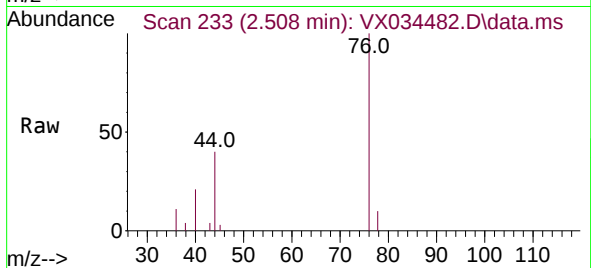




#17
Carbon Disulfide
Concen: 0.259 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX034482.D
Acq: 15 Mar 2023 04:40

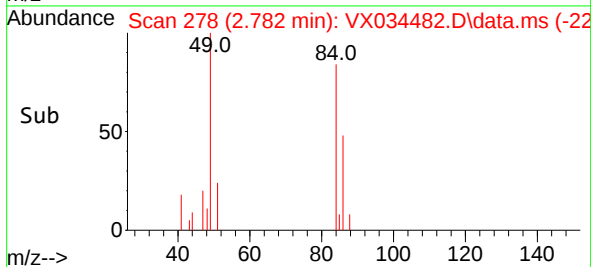
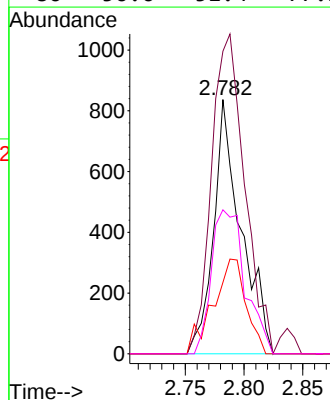
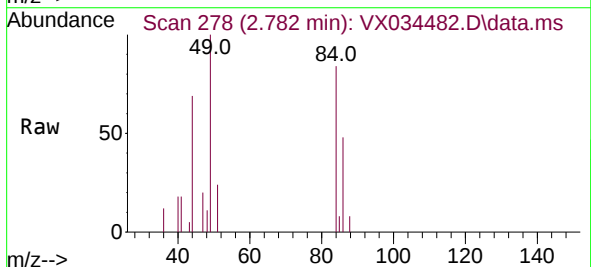
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20230310DL

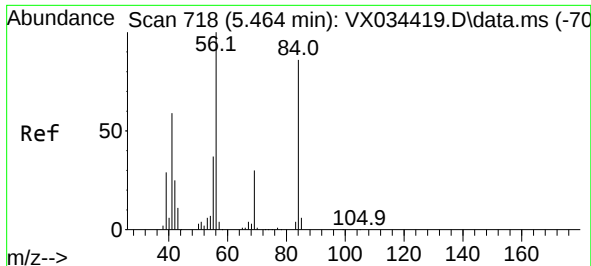
Tgt Ion: 76 Resp: 2093
Ion Ratio Lower Upper
76 100
78 9.7 7.2 10.8



#20
Methylene Chloride
Concen: 0.390 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX034482.D
Acq: 15 Mar 2023 04:40

Tgt Ion: 84 Resp: 1360
Ion Ratio Lower Upper
84 100
49 119.0 103.8 155.8
51 28.1 31.8 47.8#
86 56.6 51.4 77.2

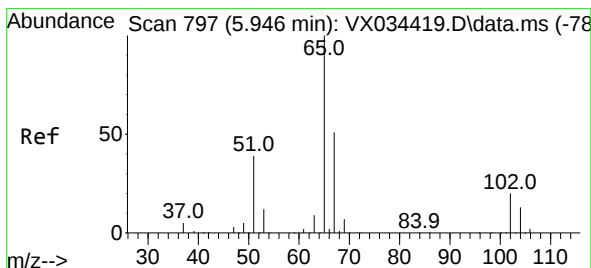
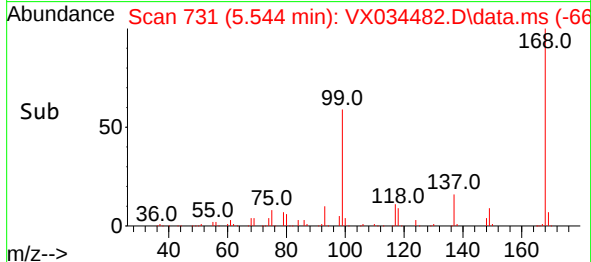
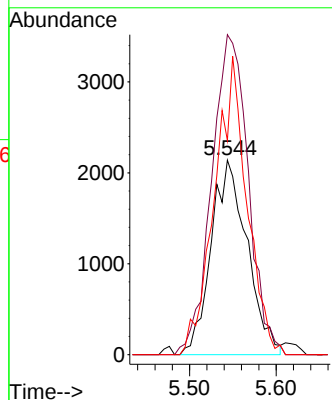
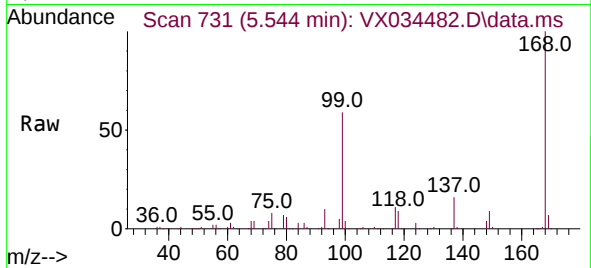




#31
Cyclohexane
Concen: 1.157 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX034482.D
Acq: 15 Mar 2023 04:40

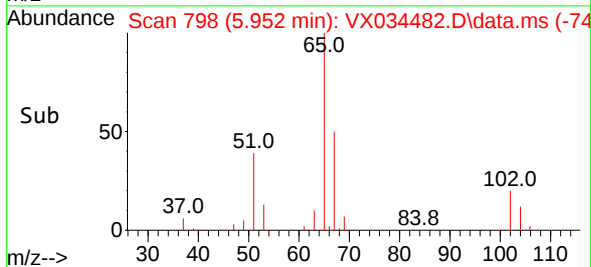
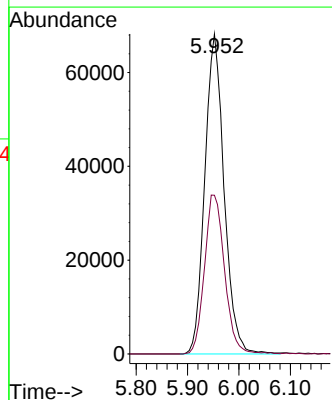
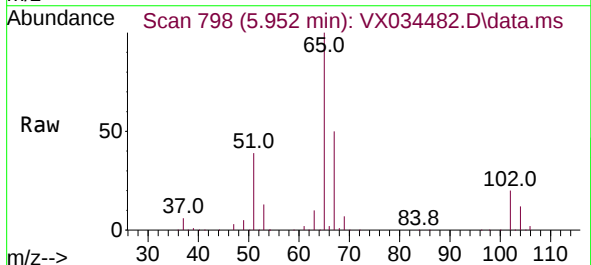
Instrument :
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ClientSampleId :
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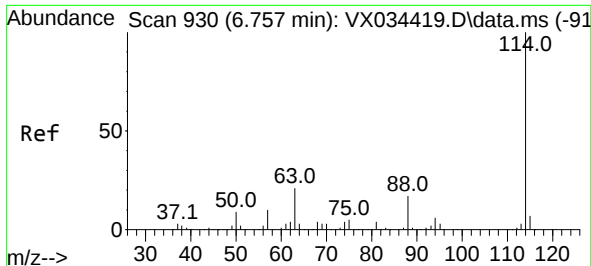
Tgt Ion: 56 Resp: 6186
Ion Ratio Lower Upper
56 100
69 160.7 23.7 35.5#
84 110.0 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 46.677 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX034482.D
Acq: 15 Mar 2023 04:40

Tgt Ion: 65 Resp: 177954
Ion Ratio Lower Upper
65 100
67 51.8 0.0 104.0

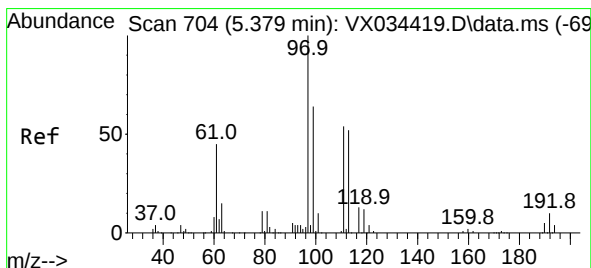
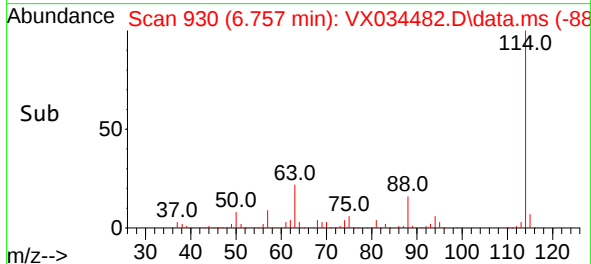
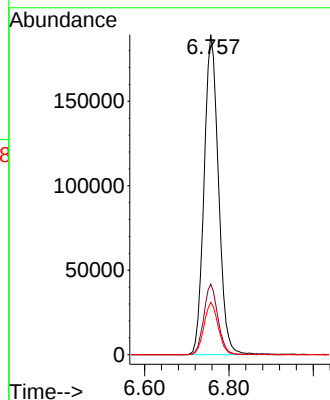
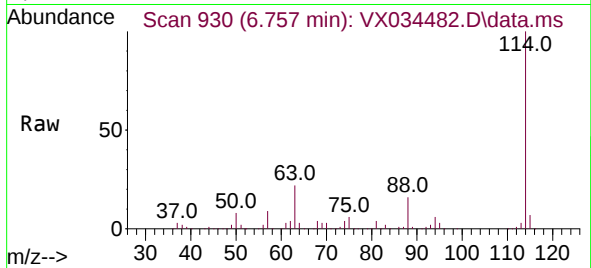




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX034482.D
Acq: 15 Mar 2023 04:40

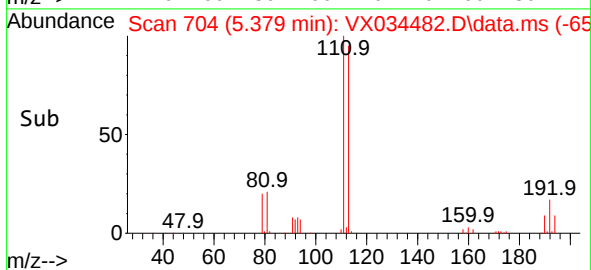
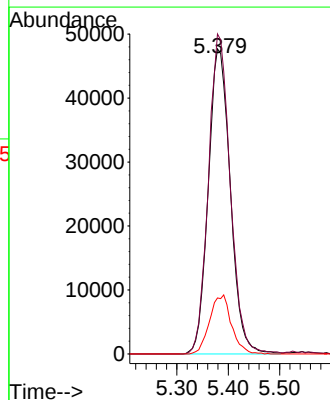
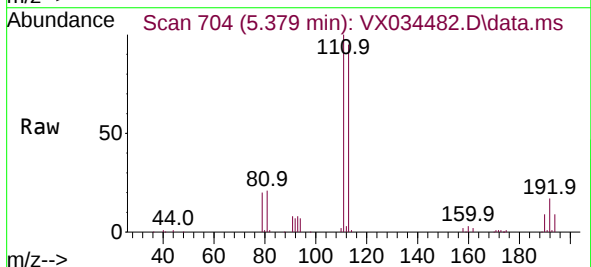
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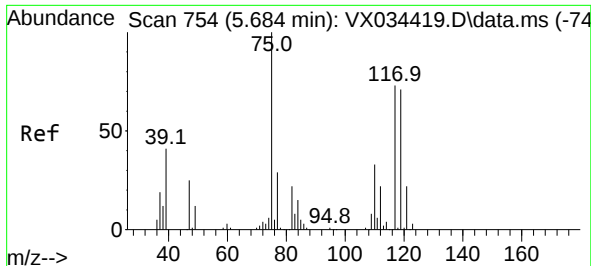
Tgt Ion:114 Resp: 450593
Ion Ratio Lower Upper
114 100
63 22.1 0.0 42.2
88 16.3 0.0 33.2



#35
Dibromofluoromethane
Concen: 47.825 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX034482.D
Acq: 15 Mar 2023 04:40

Tgt Ion:113 Resp: 142282
Ion Ratio Lower Upper
113 100
111 103.9 83.7 125.5
192 19.1 15.4 23.2

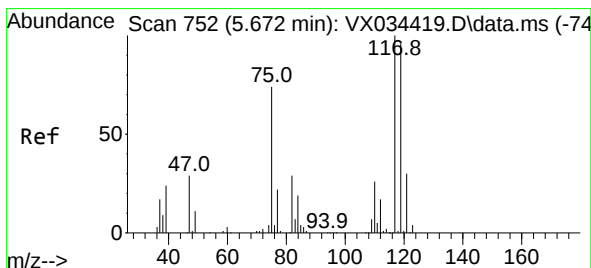
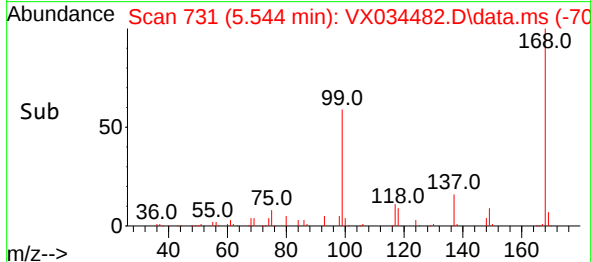
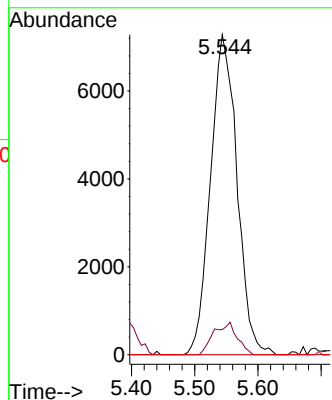
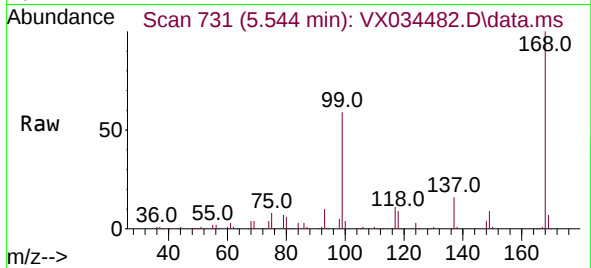




#36
1,1-Dichloropropene
Concen: 4.634 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX034482.D
Acq: 15 Mar 2023 04:40

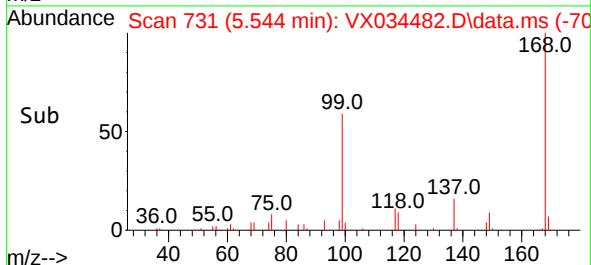
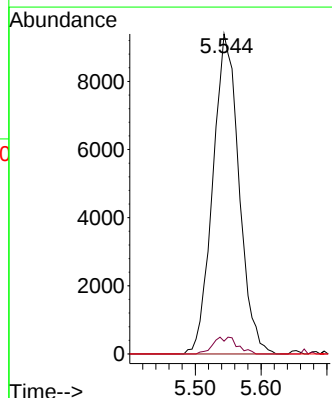
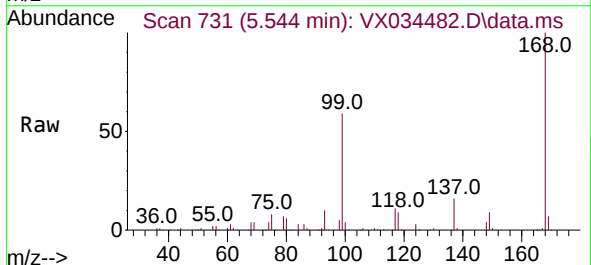
Instrument :
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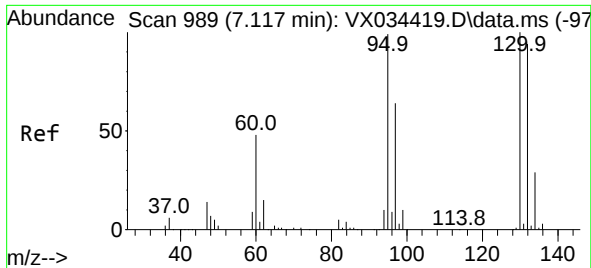
Tgt Ion: 75 Resp: 21177
Ion Ratio Lower Upper
75 100
110 9.0 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 5.730 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX034482.D
Acq: 15 Mar 2023 04:40

Tgt Ion: 117 Resp: 26046
Ion Ratio Lower Upper
117 100
119 4.0 76.6 114.8#
121 0.0 23.8 35.6#

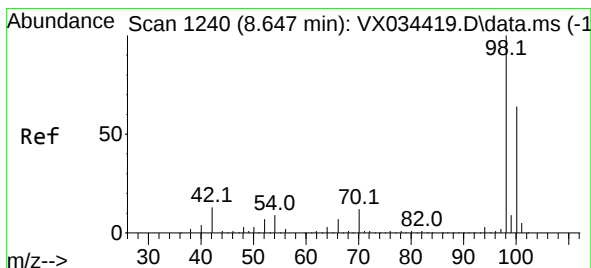
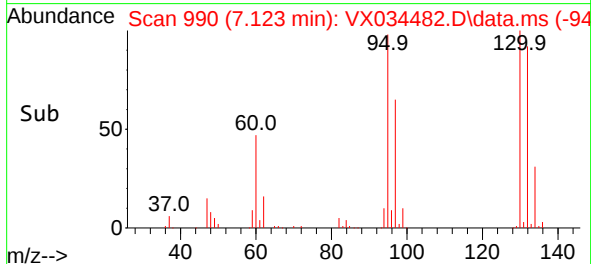
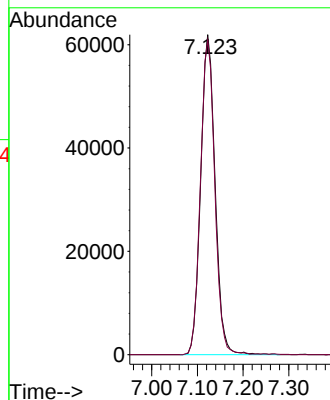
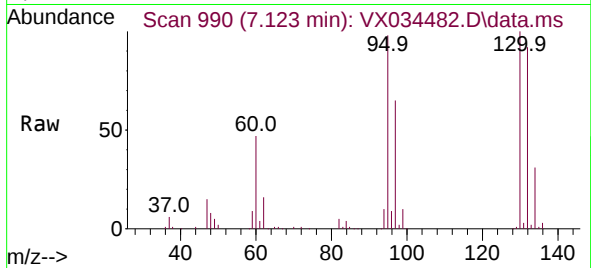




#44
Trichloroethene
Concen: 39.002 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.006 min
Lab File: VX034482.D
Acq: 15 Mar 2023 04:40

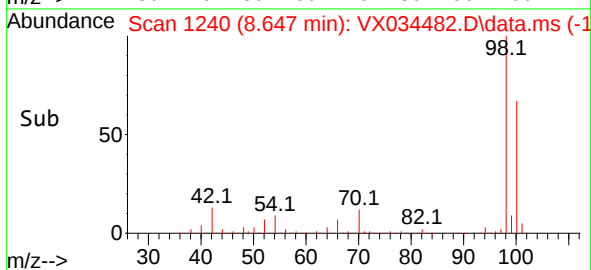
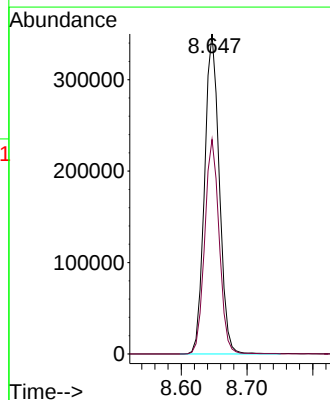
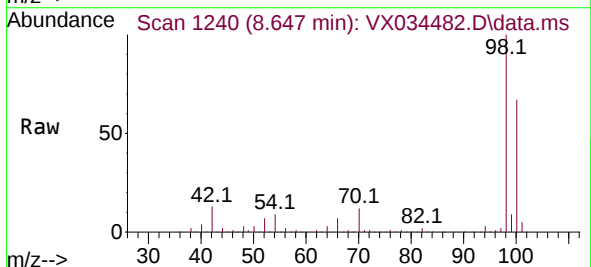
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20230310DL

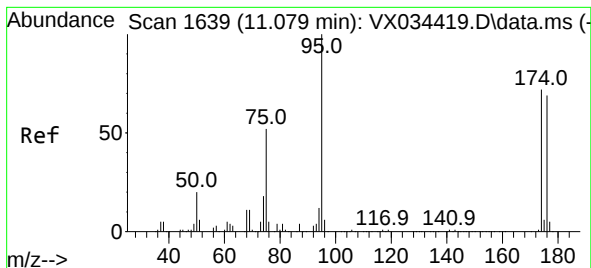
Tgt Ion:130 Resp: 135461
Ion Ratio Lower Upper
130 100
95 98.3 0.0 198.4



#50
Toluene-d8
Concen: 48.995 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034482.D
Acq: 15 Mar 2023 04:40

Tgt Ion: 98 Resp: 544141
Ion Ratio Lower Upper
98 100
100 66.0 52.5 78.7

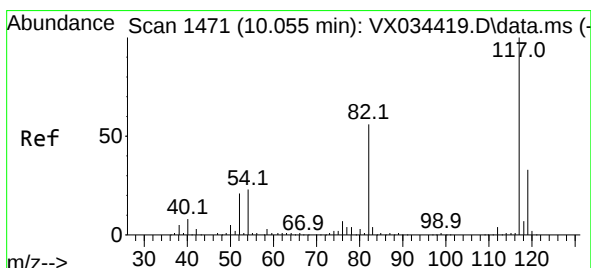
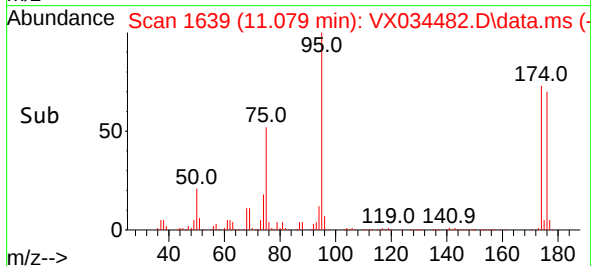
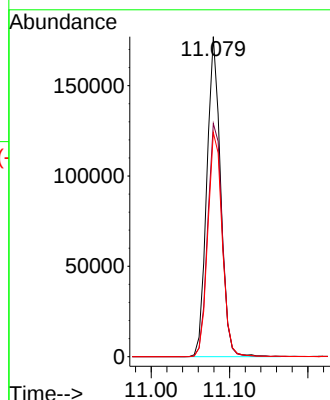
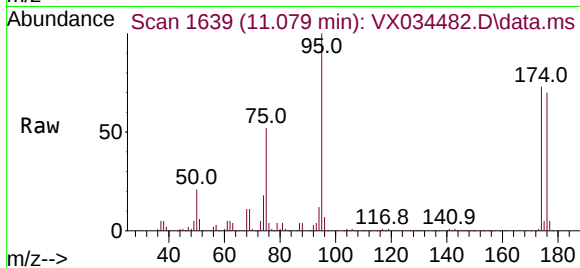




#62
4-Bromofluorobenzene
Concen: 48.072 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX034482.D
Acq: 15 Mar 2023 04:40

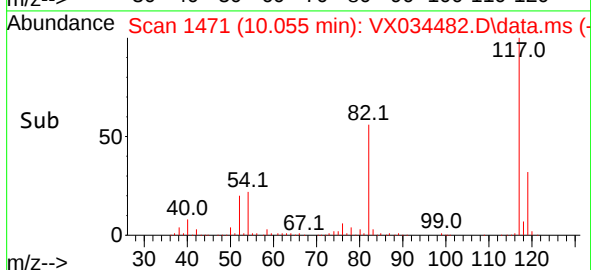
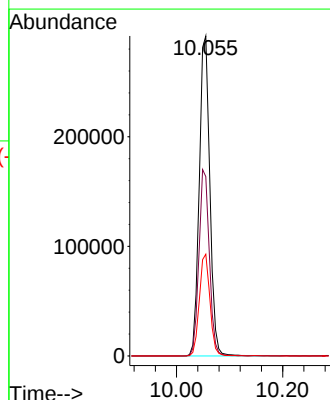
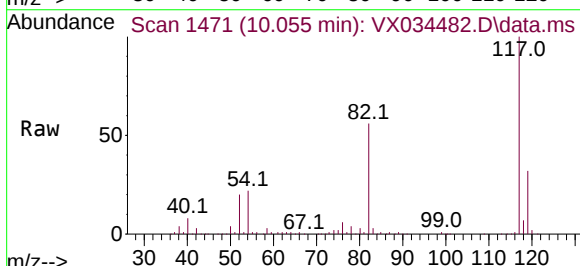
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20230310DL

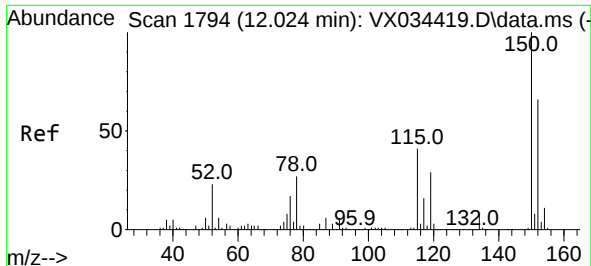
Tgt Ion: 95 Resp: 215649
Ion Ratio Lower Upper
95 100
174 77.0 0.0 147.4
176 73.2 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034482.D
Acq: 15 Mar 2023 04:40

Tgt Ion: 117 Resp: 406082
Ion Ratio Lower Upper
117 100
82 56.1 45.0 67.4
119 31.8 26.0 39.0

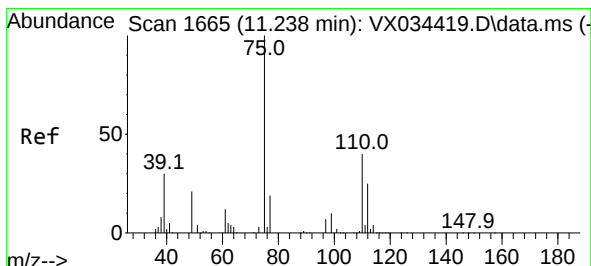
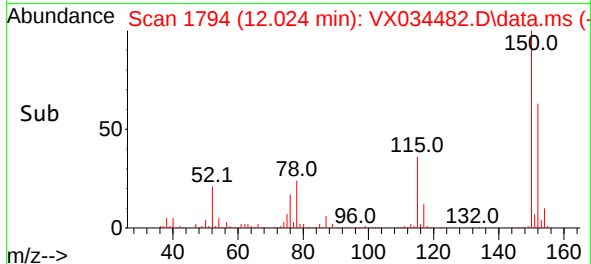
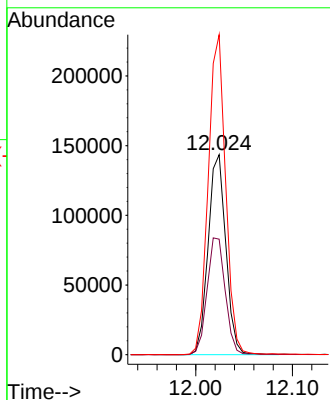
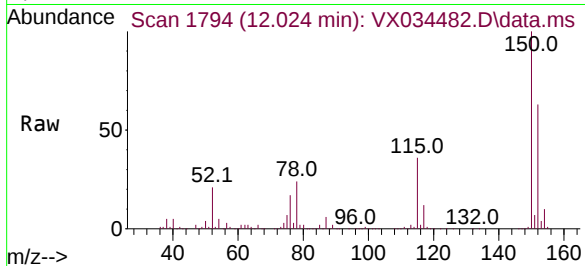




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034482.D
Acq: 15 Mar 2023 04:40

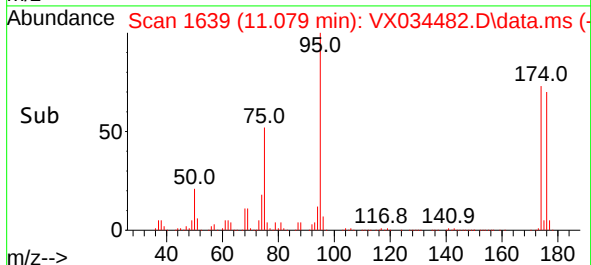
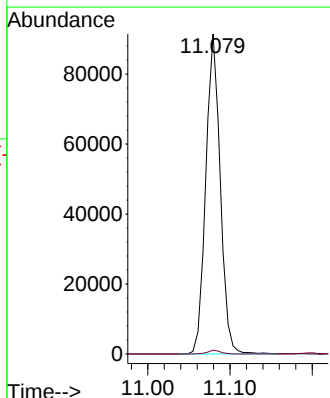
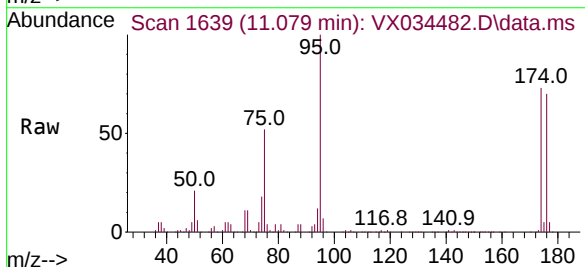
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20230310DL

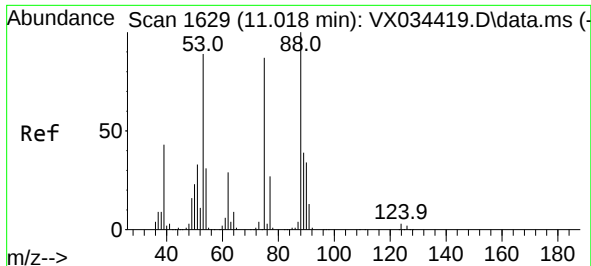
Tgt Ion:152 Resp: 183178
Ion Ratio Lower Upper
152 100
115 60.2 45.0 135.0
150 156.8 0.0 352.4



#76
1,2,3-Trichloropropane
Concen: 26.574 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX034482.D
Acq: 15 Mar 2023 04:40

Tgt Ion: 75 Resp: 111769
Ion Ratio Lower Upper
75 100
77 1.0 21.6 64.8#

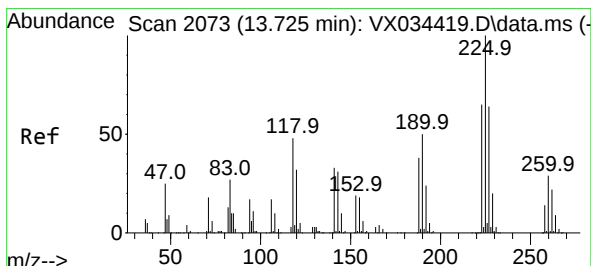
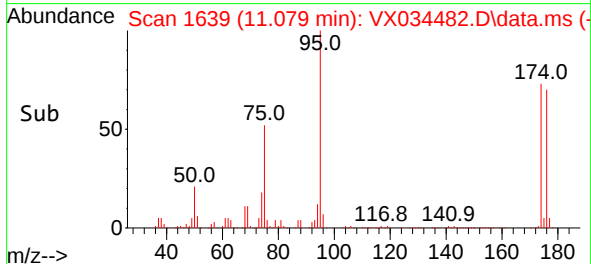
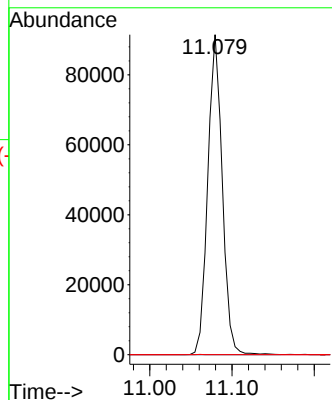
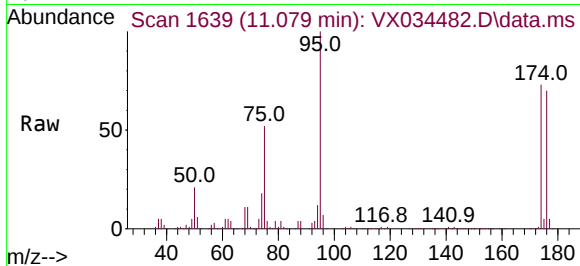




#81
trans-1,4-Dichloro-2-butene
Concen: 71.890 ug/l
RT: 11.079 min Scan# 111769
Delta R.T. 0.061 min
Lab File: VX034482.D
Acq: 15 Mar 2023 04:40

Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20230310DL

Tgt Ion: 75 Resp: 111769
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#



#94
Hexachlorobutadiene
Concen: 0.447 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX034482.D
Acq: 15 Mar 2023 04:40

Tgt Ion: 225 Resp: 724
Ion Ratio Lower Upper
225 100
223 85.2 32.1 96.5
227 72.8 31.8 95.4

