

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031423\
 Data File : VX034457.D
 Acq On : 14 Mar 2023 12:11
 Operator : JC/MD
 Sample : 01879-18DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D3-20230309DL

Quant Time: Mar 15 06:38:14 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)

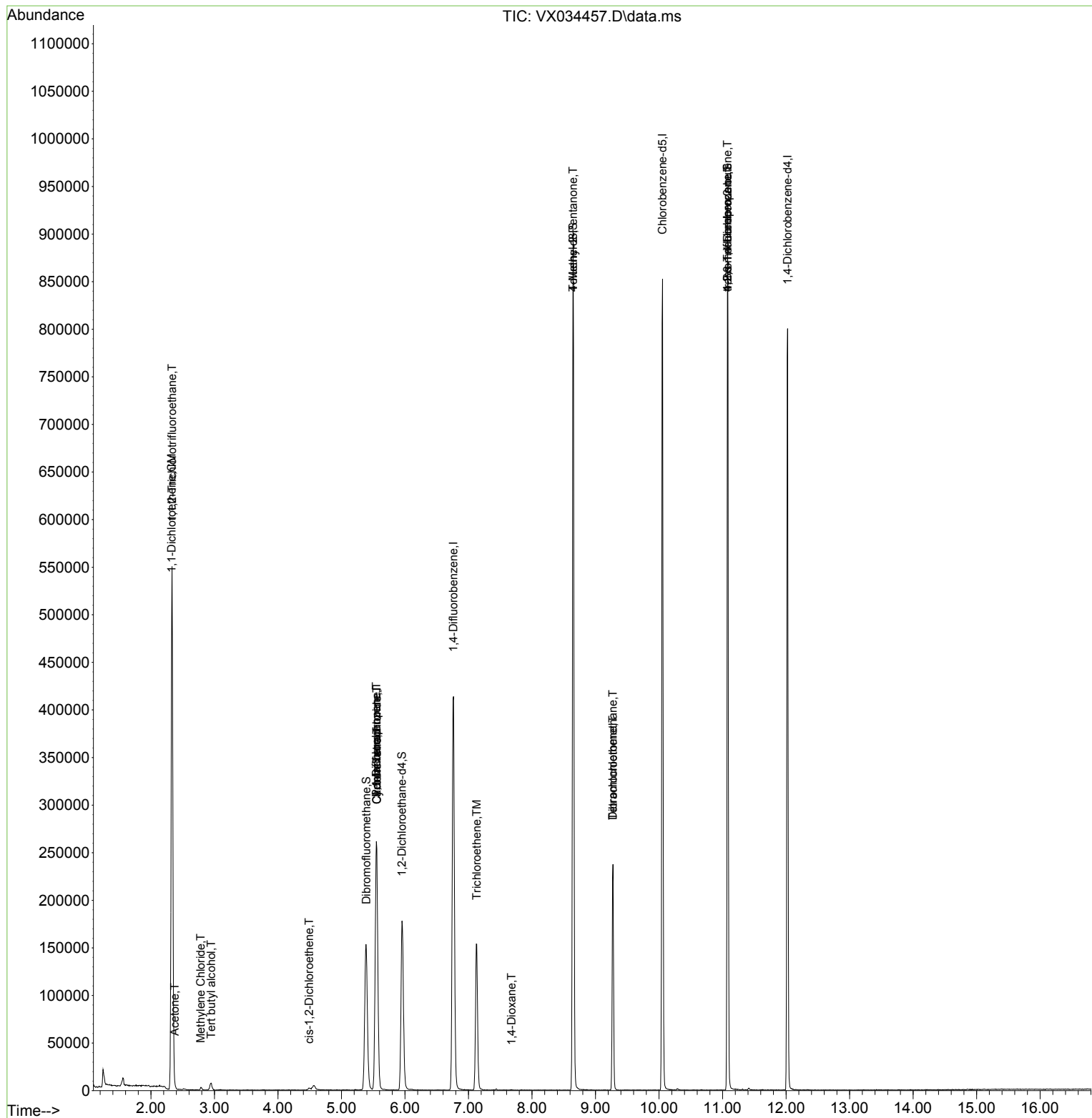
Internal Standards						
1) Pentafluorobenzene	5.550	168	252337	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	427996	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	381793	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	165882	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	166582	45.378	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	90.760%		
35) Dibromofluoromethane	5.391	113	133708	47.316	ug/l	0.01
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.640%		
50) Toluene-d8	8.647	98	514915	48.812	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.620%		
62) 4-Bromofluorobenzene	11.079	95	241706	56.725	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	113.460%		
Target Compounds						Qvalue
3) Chloromethane	1.307	50	584	Below Cal		90
9) 1,1,2-Trichlorotrifluo...	2.331	101	214347	76.418	ug/l	99
11) Tert butyl alcohol	2.947	59	4804	6.284	ug/l #	73
12) 1,1-Dichloroethene	2.325	96	1871	0.677	ug/l #	62
16) Acetone	2.373	43	961	0.556	ug/l	97
20) Methylene Chloride	2.782	84	1175	0.350	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	1548	0.438	ug/l	90
31) Cyclohexane	5.556	56	5571	1.082	ug/l #	24
36) 1,1-Dichloropropene	5.550	75	20206	4.655	ug/l #	51
38) Carbon Tetrachloride	5.556	117	24396	5.650	ug/l #	16
44) Trichloroethene	7.129	130	60187	18.244	ug/l	96
49) 1,4-Dioxane	7.677	88	135	1.664	ug/l #	52
51) 4-Methyl-2-Pentanone	8.647	43	2541	0.545	ug/l #	1
60) Dibromochloromethane	9.275	129	40999	12.531	ug/l #	10
64) Tetrachloroethene	9.275	164	43307	16.886	ug/l	97
76) 1,2,3-Trichloropropane	11.079	75	129714	34.056	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	129714	92.132	ug/l #	8

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031423\
Data File : VX034457.D
Acq On : 14 Mar 2023 12:11
Operator : JC/MD
Sample : 01879-18DL 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE134D3-20230309DL

Quant Time: Mar 15 06:38:14 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

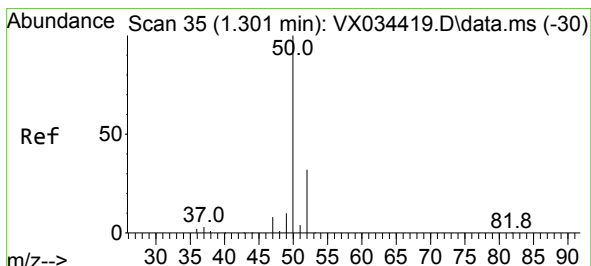
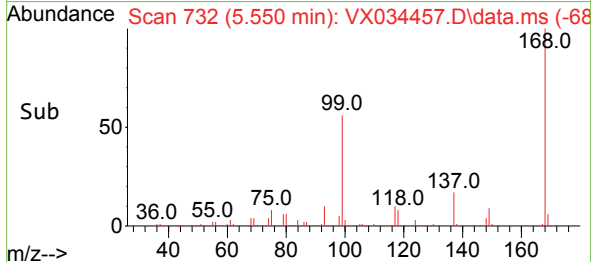
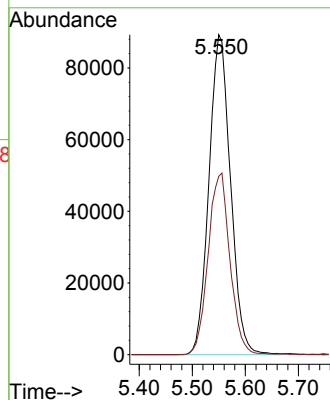
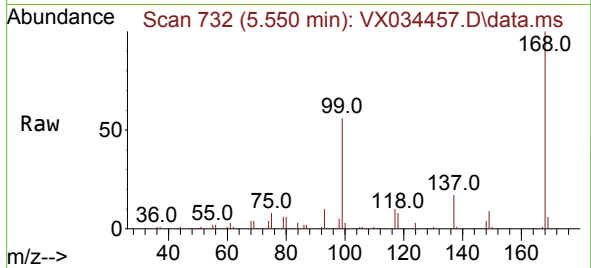




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034457.D
Acq: 14 Mar 2023 12:11

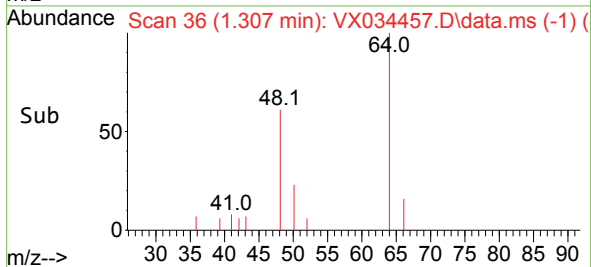
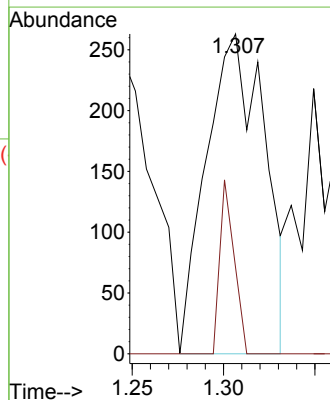
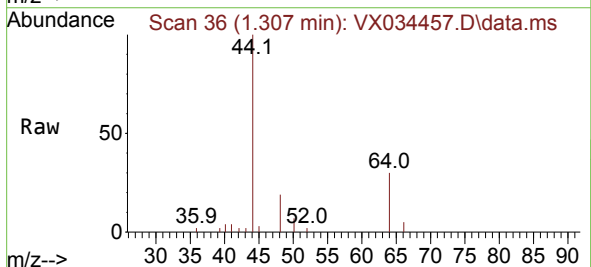
Instrument :
MSVOA_X
ClientSampleId :
RE134D3-20230309DL

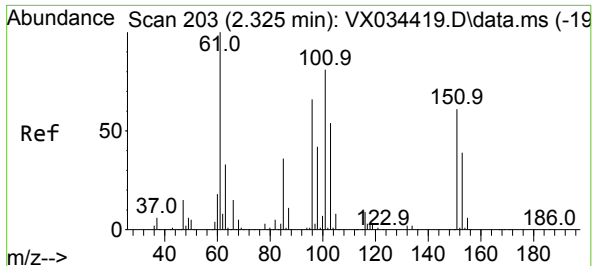
Tgt Ion:168 Resp: 252337
Ion Ratio Lower Upper
168 100
99 55.7 45.7 68.5



#3
Chloromethane
Concen: Below Cal
RT: 1.307 min Scan# 36
Delta R.T. 0.006 min
Lab File: VX034457.D
Acq: 14 Mar 2023 12:11

Tgt Ion: 50 Resp: 584
Ion Ratio Lower Upper
50 100
52 27.0 25.9 38.9

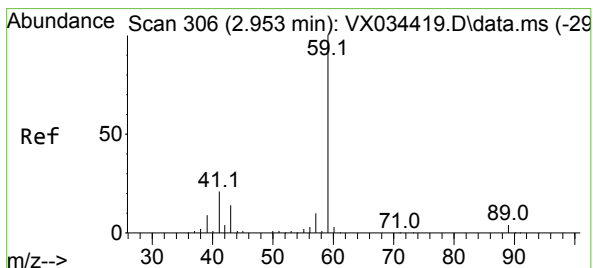
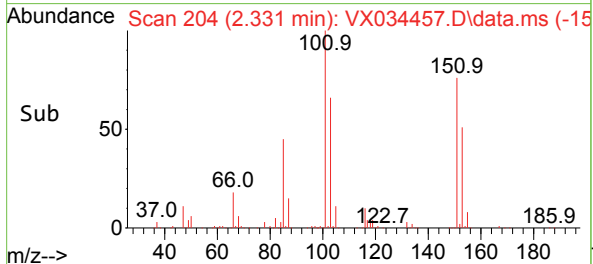
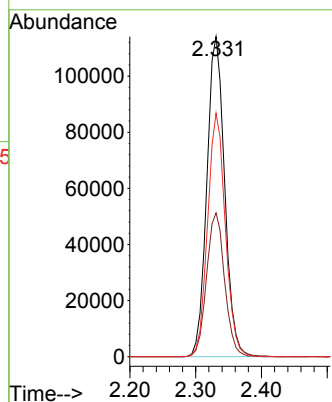
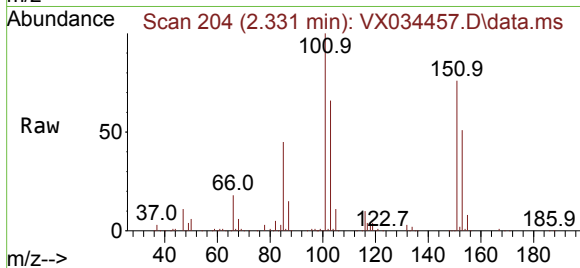




#9
1,1,2-Trichlorotrifluoroethane
Concen: 76.418 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX034457.D
Acq: 14 Mar 2023 12:11

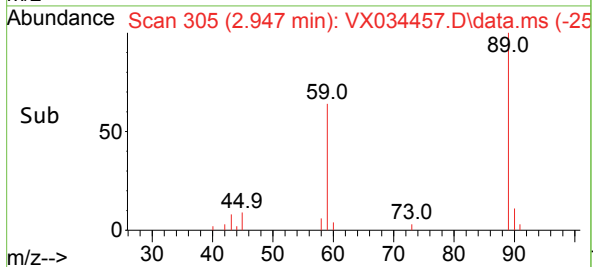
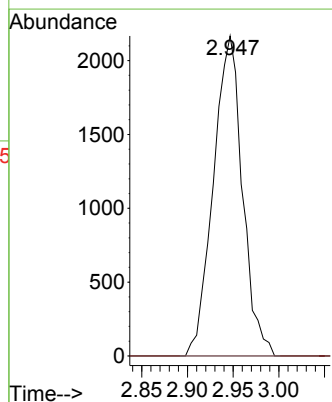
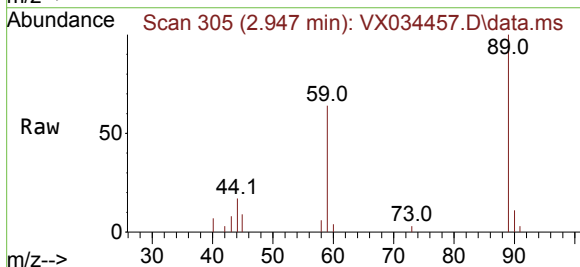
Instrument :
MSVOA_X
ClientSampleId :
RE134D3-20230309DL

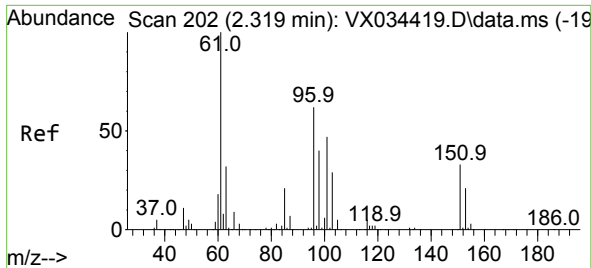
Tgt Ion:101 Resp: 214347
Ion Ratio Lower Upper
101 100
85 45.6 35.4 53.2
151 76.0 60.2 90.4



#11
Tert butyl alcohol
Concen: 6.284 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.006 min
Lab File: VX034457.D
Acq: 14 Mar 2023 12:11

Tgt Ion: 59 Resp: 4804
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

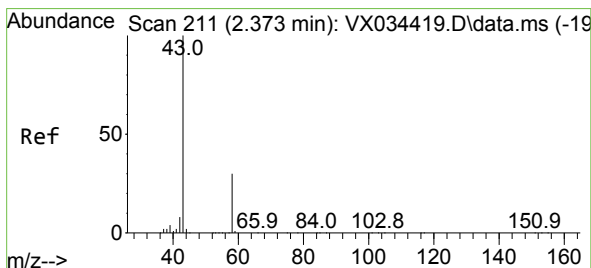
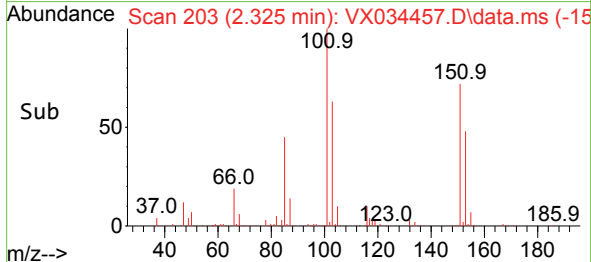
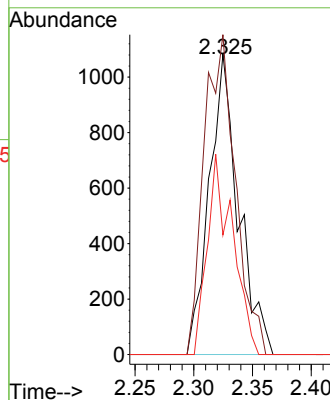
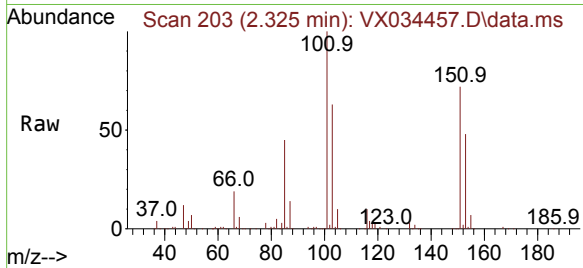




#12
1,1-Dichloroethene
Concen: 0.677 ug/l
RT: 2.325 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX034457.D
Acq: 14 Mar 2023 12:11

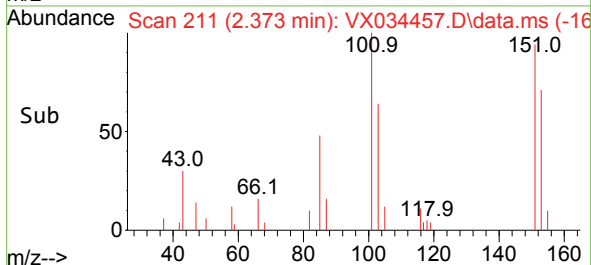
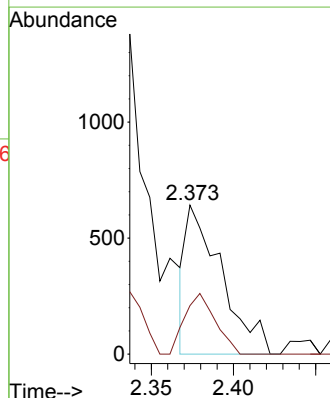
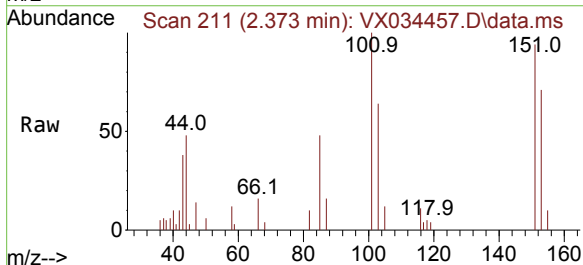
Instrument :
MSVOA_X
ClientSampleId :
RE134D3-20230309DL

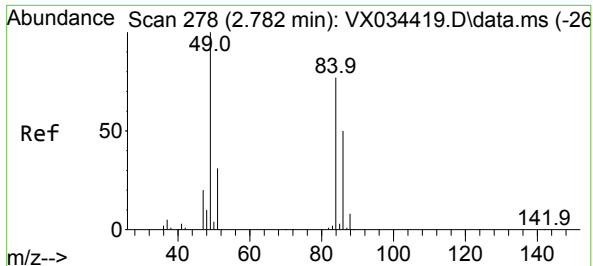
Tgt Ion: 96 Resp: 1871
Ion Ratio Lower Upper
96 100
61 106.5 128.8 193.2#
98 39.8 51.4 77.0#



#16
Acetone
Concen: 0.556 ug/l
RT: 2.373 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX034457.D
Acq: 14 Mar 2023 12:11

Tgt Ion: 43 Resp: 961
Ion Ratio Lower Upper
43 100
58 32.6 24.7 37.1

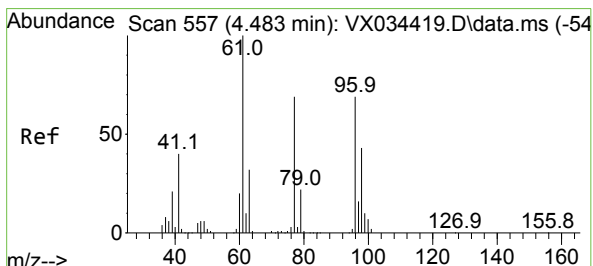
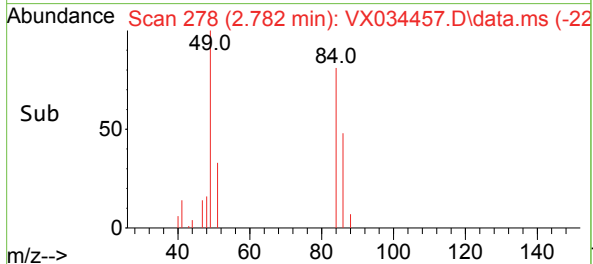
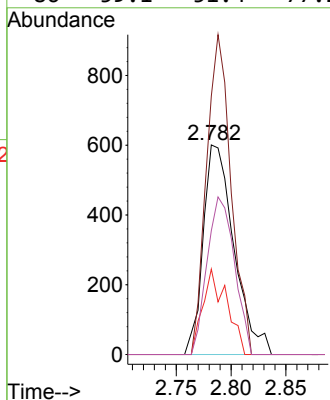
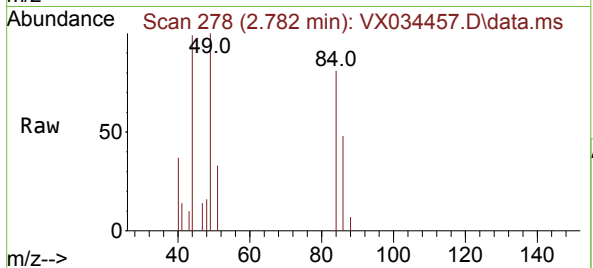




#20
Methylene Chloride
Concen: 0.350 ug/l
RT: 2.782 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX034457.D
Acq: 14 Mar 2023 12:11

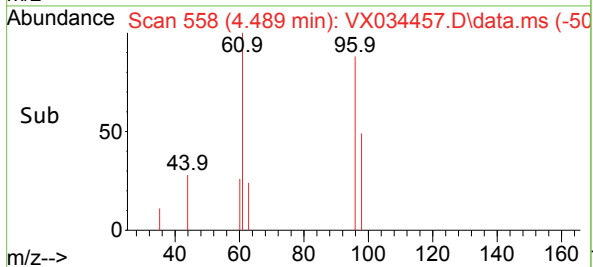
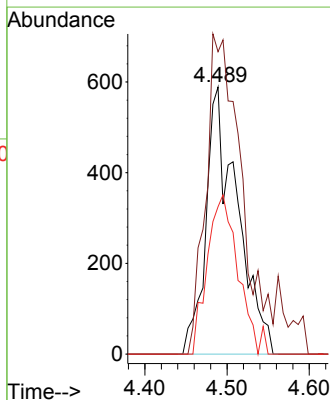
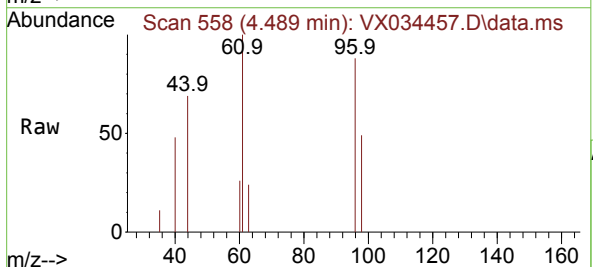
Instrument :
MSVOA_X
ClientSampleId :
RE134D3-20230309DL

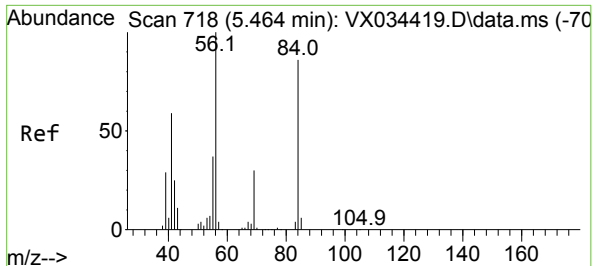
Tgt Ion:	84	Resp:	1175
Ion	Ratio	Lower	Upper
84	100		
49	123.3	103.8	155.8
51	40.8	31.8	47.8
86	59.1	51.4	77.2



#27
cis-1,2-Dichloroethene
Concen: 0.438 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.006 min
Lab File: VX034457.D
Acq: 14 Mar 2023 12:11

Tgt Ion:	96	Resp:	1548
Ion	Ratio	Lower	Upper
96	100		
61	136.6	0.0	300.4
98	59.1	0.0	129.0

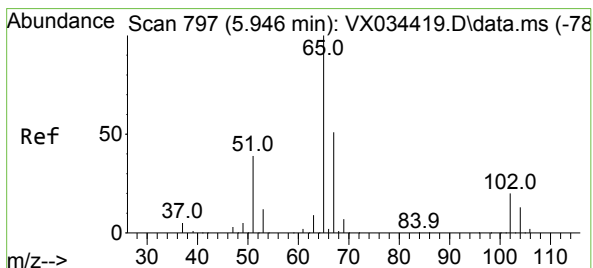
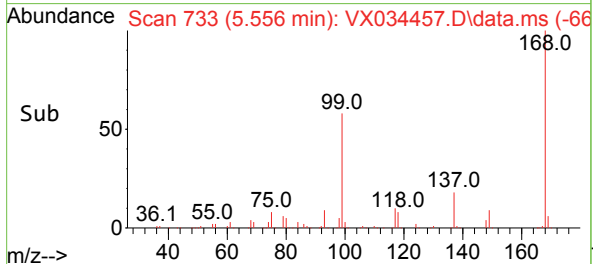
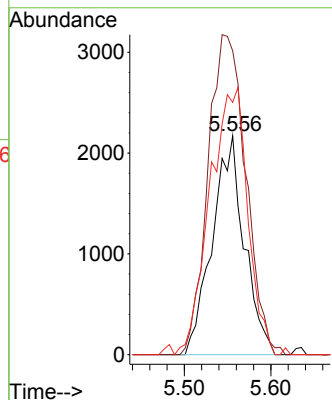
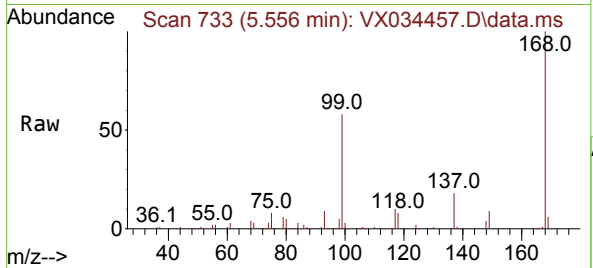




#31
Cyclohexane
Concen: 1.082 ug/l
RT: 5.556 min Scan# 718
Delta R.T. 0.091 min
Lab File: VX034457.D
Acq: 14 Mar 2023 12:11

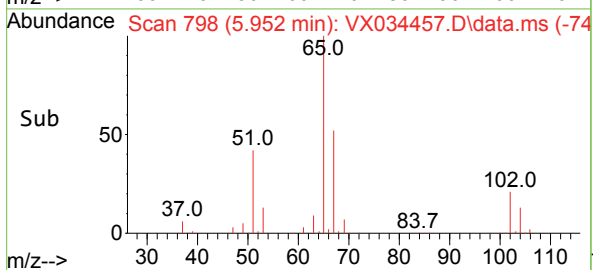
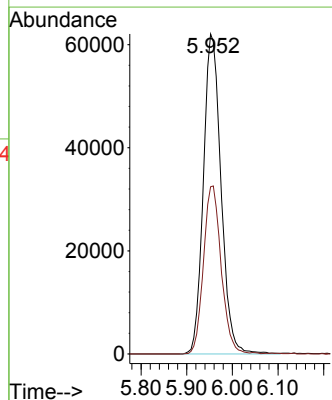
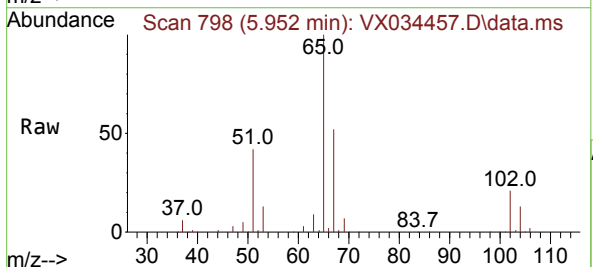
Instrument :
MSVOA_X
ClientSampleId :
RE134D3-20230309DL

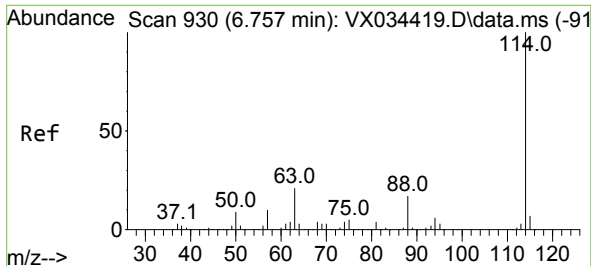
Tgt Ion: 56 Resp: 5571
Ion Ratio Lower Upper
56 100
69 138.8 23.7 35.5#
84 115.2 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 45.378 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX034457.D
Acq: 14 Mar 2023 12:11

Tgt Ion: 65 Resp: 166582
Ion Ratio Lower Upper
65 100
67 52.5 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. 0.006 min

Lab File: VX034457.D

Acq: 14 Mar 2023 12:11

Instrument :

MSVOA_X

ClientSampleId :

RE134D3-20230309DL

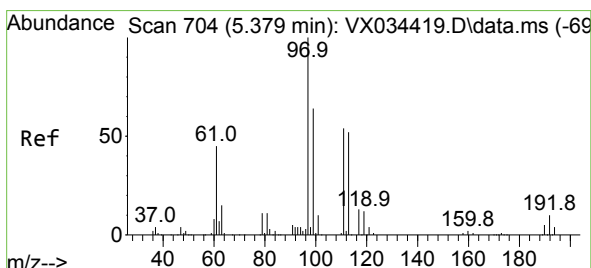
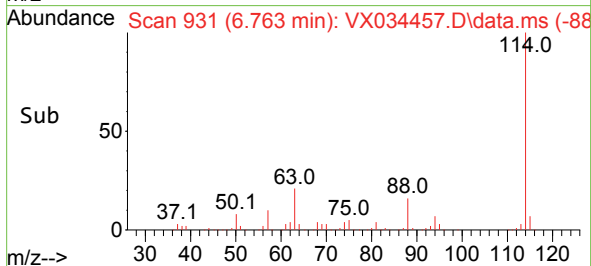
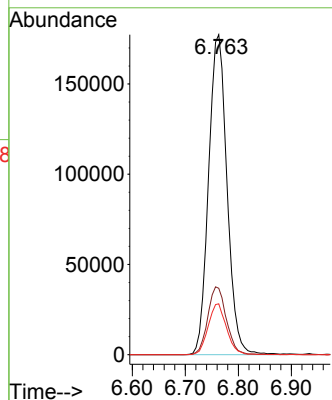
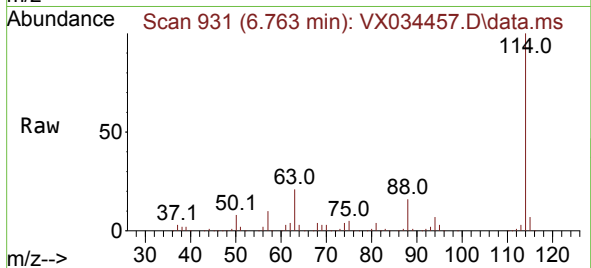
Tgt Ion:114 Resp: 427996

Ion Ratio Lower Upper

114 100

63 20.8 0.0 42.2

88 15.9 0.0 33.2



#35

Dibromofluoromethane

Concen: 47.316 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.012 min

Lab File: VX034457.D

Acq: 14 Mar 2023 12:11

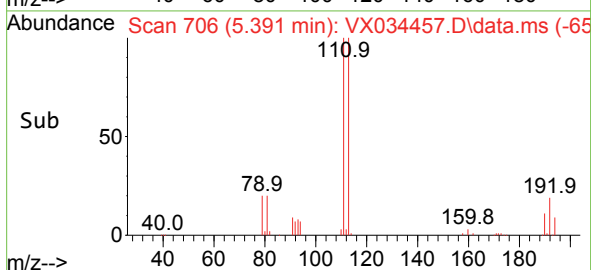
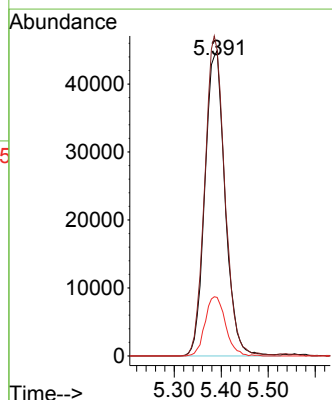
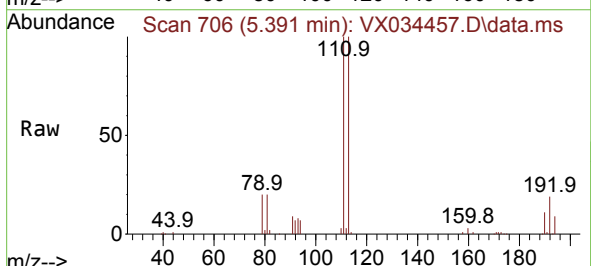
Tgt Ion:113 Resp: 133708

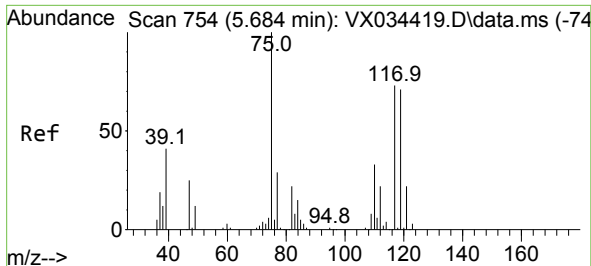
Ion Ratio Lower Upper

113 100

111 104.0 83.7 125.5

192 19.6 15.4 23.2

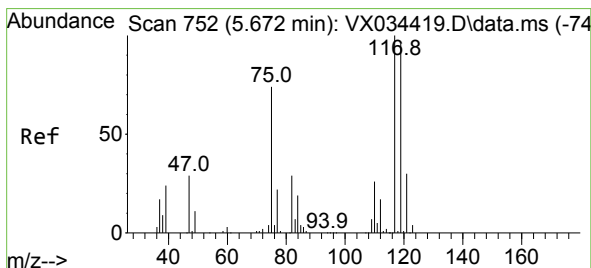
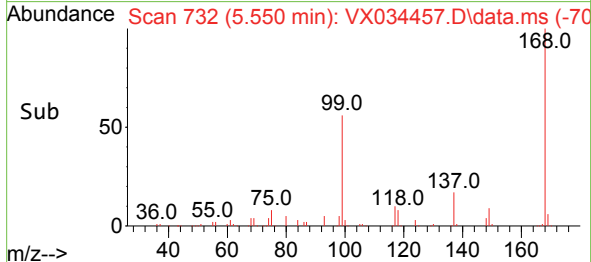
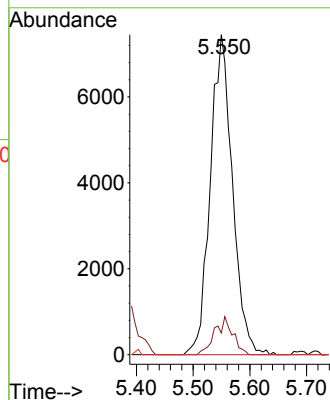
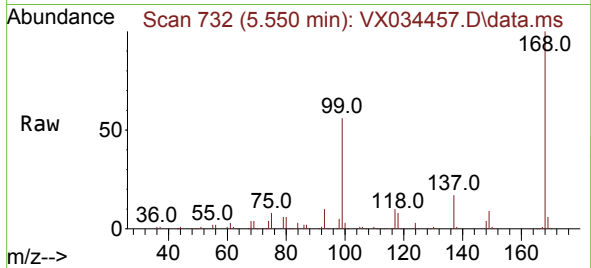




#36
1,1-Dichloropropene
Concen: 4.655 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX034457.D
Acq: 14 Mar 2023 12:11

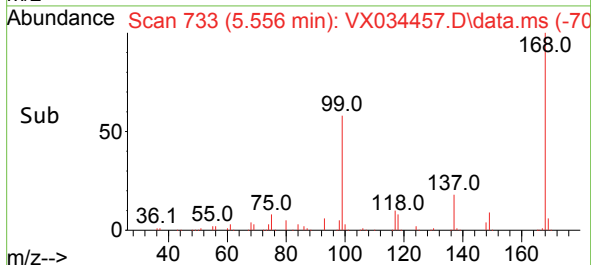
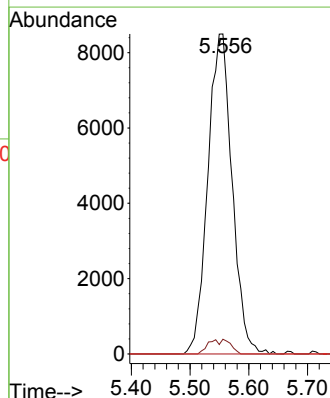
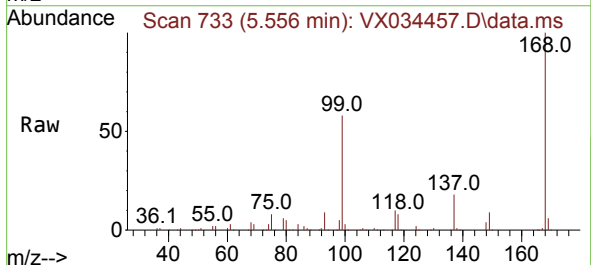
Instrument :
MSVOA_X
ClientSampleId :
RE134D3-20230309DL

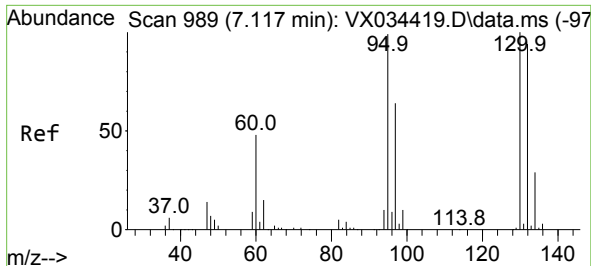
Tgt Ion: 75 Resp: 20206
Ion Ratio Lower Upper
75 100
110 9.6 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 5.650 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.116 min
Lab File: VX034457.D
Acq: 14 Mar 2023 12:11

Tgt Ion: 117 Resp: 24396
Ion Ratio Lower Upper
117 100
119 4.6 76.6 114.8#
121 0.0 23.8 35.6#

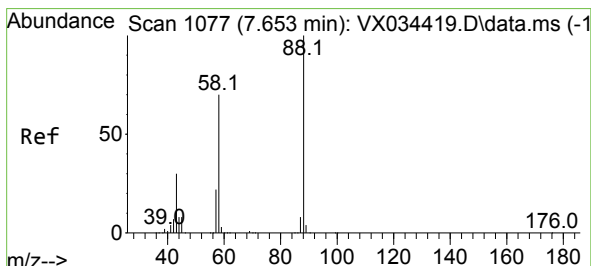
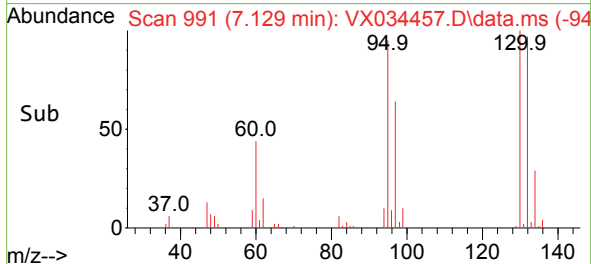
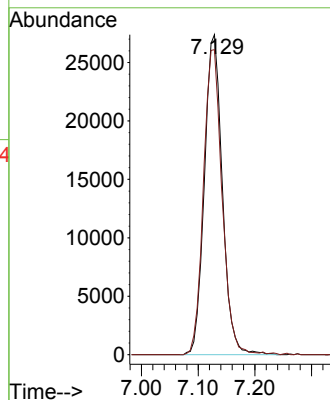
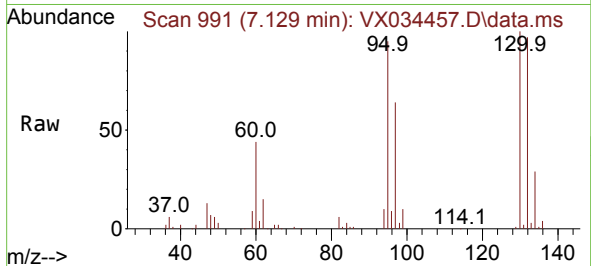




#44
Trichloroethene
Concen: 18.244 ug/l
RT: 7.129 min Scan# 91
Delta R.T. 0.012 min
Lab File: VX034457.D
Acq: 14 Mar 2023 12:11

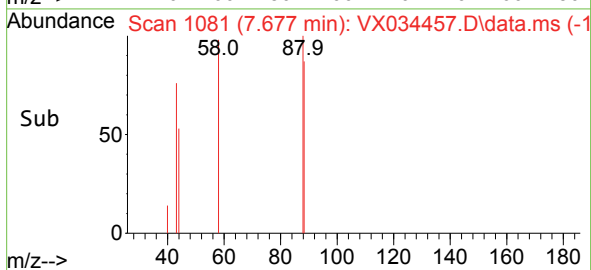
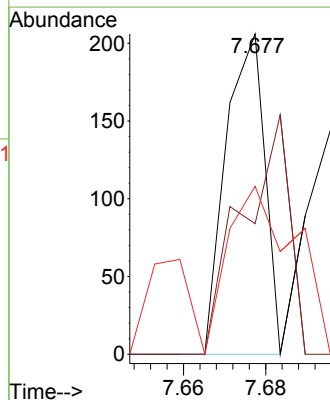
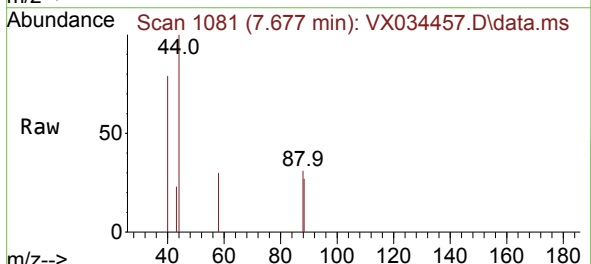
Instrument :
MSVOA_X
ClientSampleId :
RE134D3-20230309DL

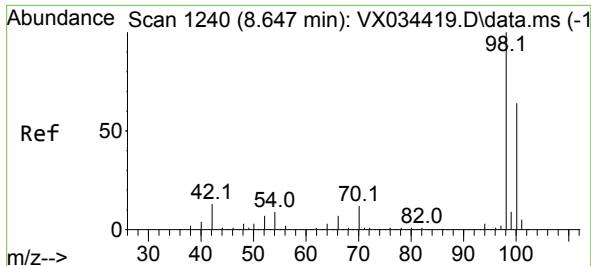
Tgt Ion:130 Resp: 60187
Ion Ratio Lower Upper
130 100
95 95.3 0.0 198.4



#49
1,4-Dioxane
Concen: 1.664 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. 0.024 min
Lab File: VX034457.D
Acq: 14 Mar 2023 12:11

Tgt Ion: 88 Resp: 135
Ion Ratio Lower Upper
88 100
43 90.4 27.7 41.5#
58 91.1 56.8 85.2#

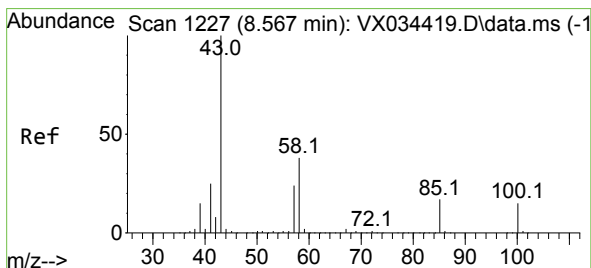
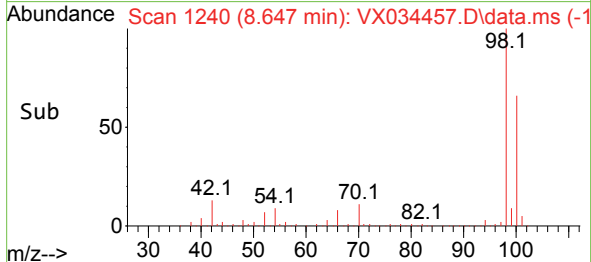
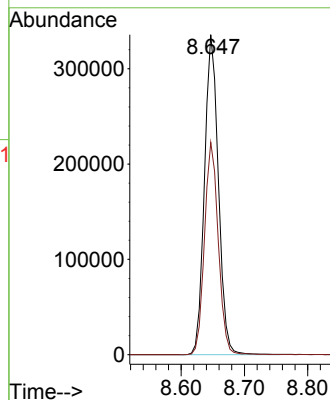
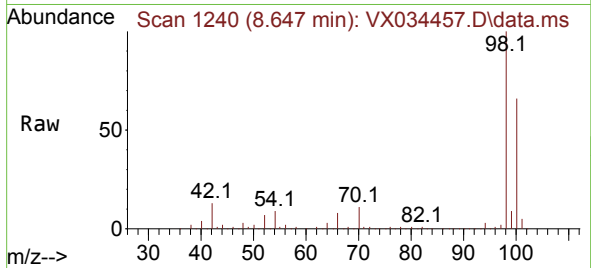




#50
Toluene-d8
Concen: 48.812 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034457.D
Acq: 14 Mar 2023 12:11

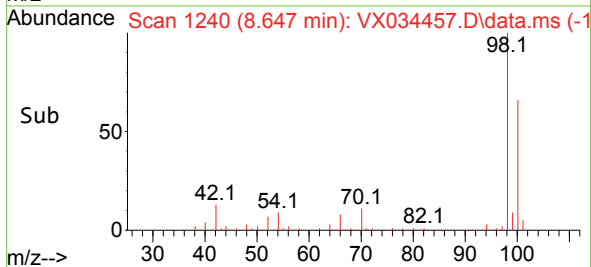
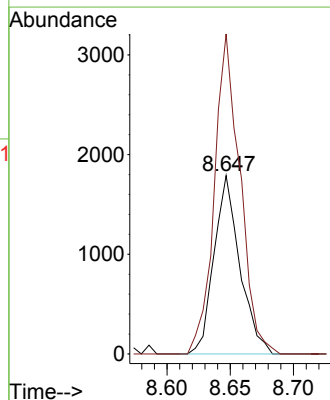
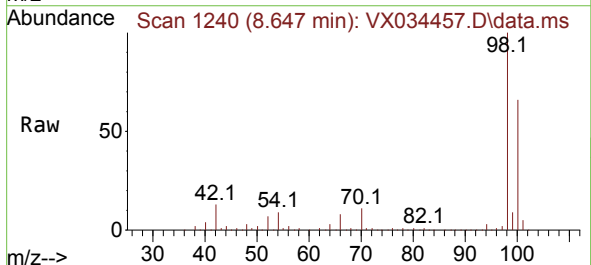
Instrument :
MSVOA_X
ClientSampleId :
RE134D3-20230309DL

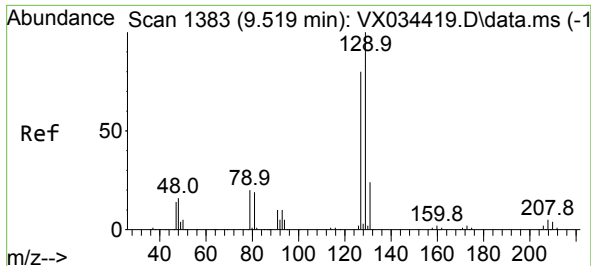
Tgt Ion: 98 Resp: 514915
Ion Ratio Lower Upper
98 100
100 65.7 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.545 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.079 min
Lab File: VX034457.D
Acq: 14 Mar 2023 12:11

Tgt Ion: 43 Resp: 2541
Ion Ratio Lower Upper
43 100
58 178.4 30.6 46.0#

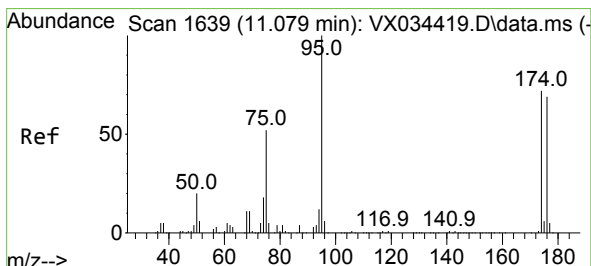
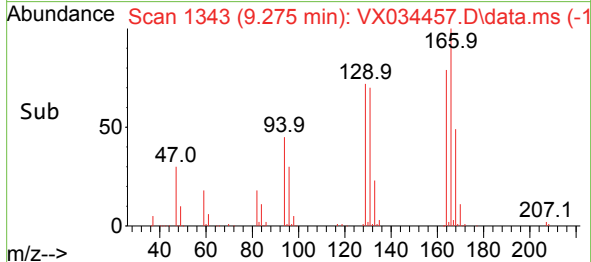
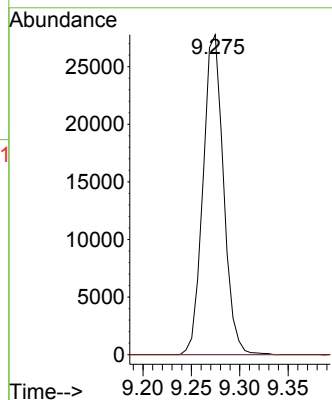
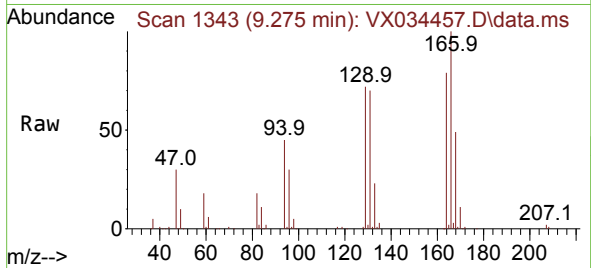




#60
Dibromochloromethane
Concen: 12.531 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.244 min
Lab File: VX034457.D
Acq: 14 Mar 2023 12:11

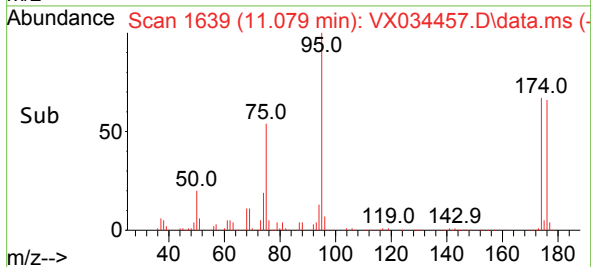
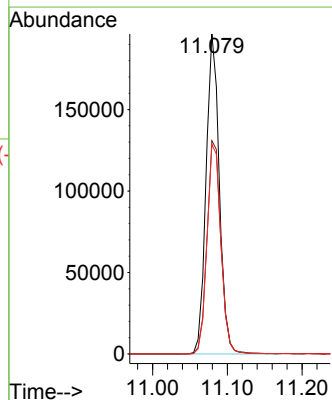
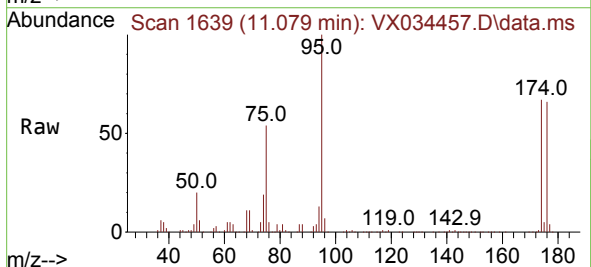
Instrument :
MSVOA_X
ClientSampleId :
RE134D3-20230309DL

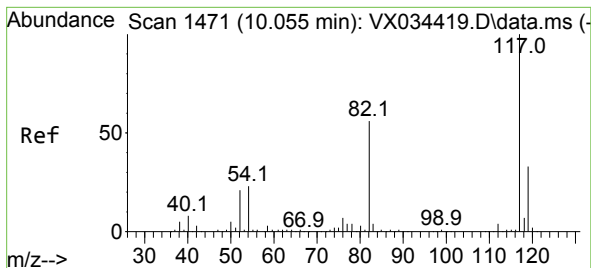
Tgt Ion:129 Resp: 40999
Ion Ratio Lower Upper
129 100
127 0.0 39.0 117.0#



#62
4-Bromofluorobenzene
Concen: 56.725 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034457.D
Acq: 14 Mar 2023 12:11

Tgt Ion: 95 Resp: 241706
Ion Ratio Lower Upper
95 100
174 70.1 0.0 147.4
176 68.4 0.0 140.6

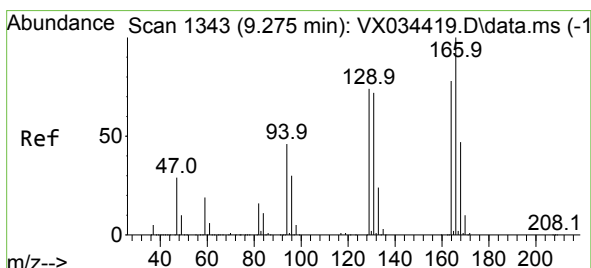
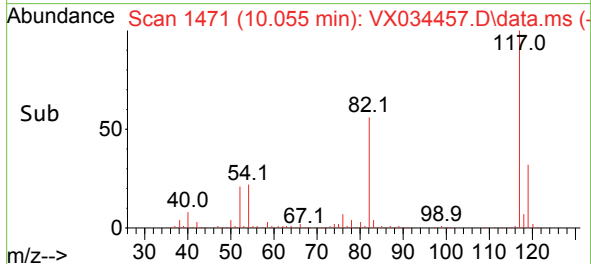
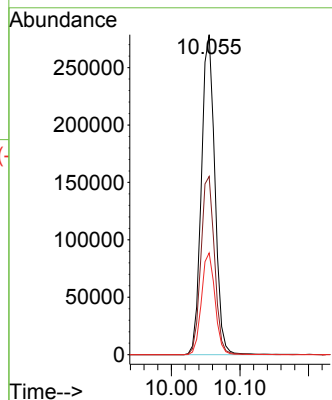
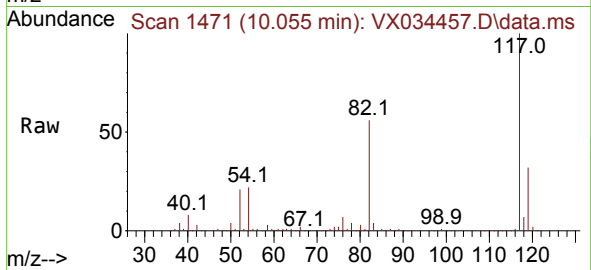




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034457.D
Acq: 14 Mar 2023 12:11

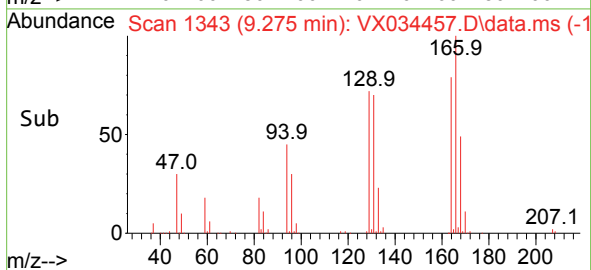
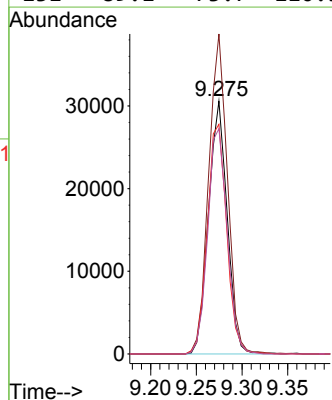
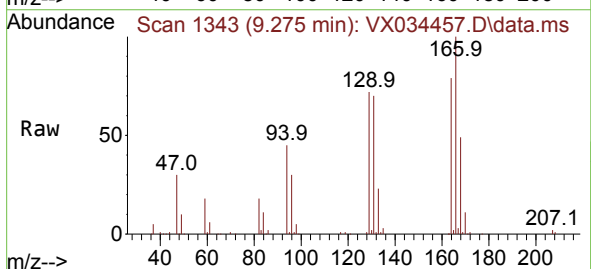
Instrument :
MSVOA_X
ClientSampleId :
RE134D3-20230309DL

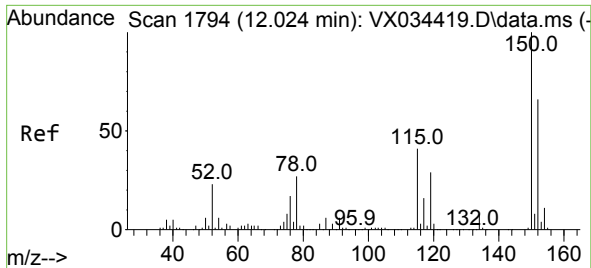
Tgt Ion:117 Resp: 381793
Ion Ratio Lower Upper
117 100
82 55.7 45.0 67.4
119 31.8 26.0 39.0



#64
Tetrachloroethene
Concen: 16.886 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX034457.D
Acq: 14 Mar 2023 12:11

Tgt Ion:164 Resp: 43307
Ion Ratio Lower Upper
164 100
166 126.5 102.7 154.1
129 90.8 75.6 113.4
131 89.1 73.7 110.5

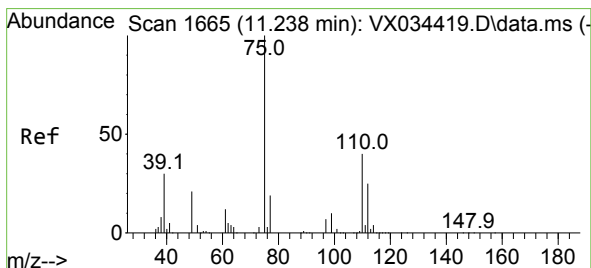
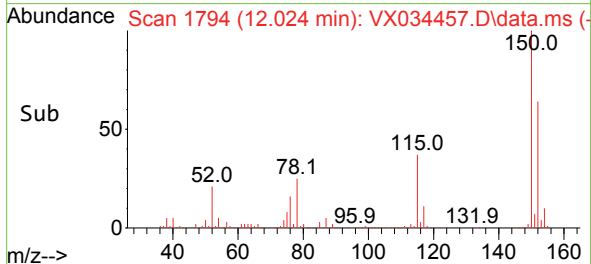
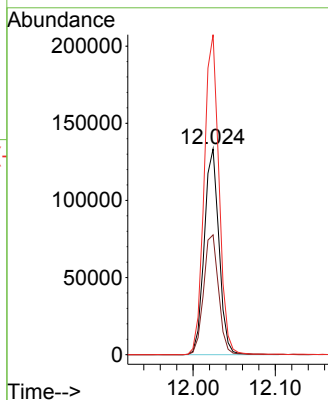
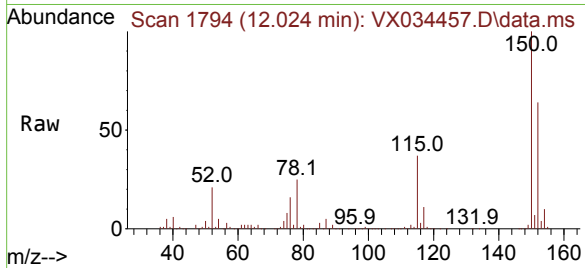




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034457.D
Acq: 14 Mar 2023 12:11

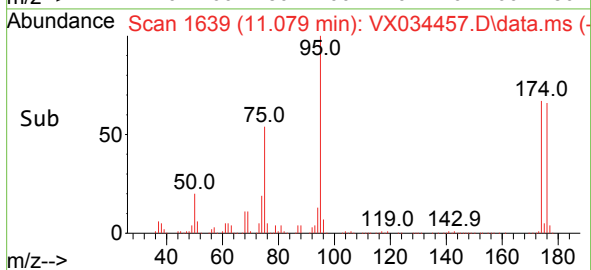
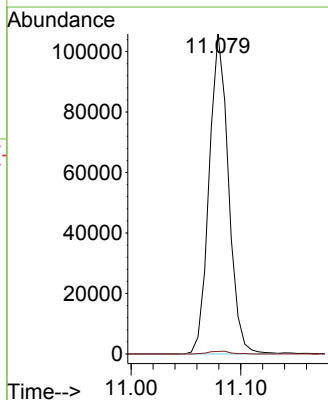
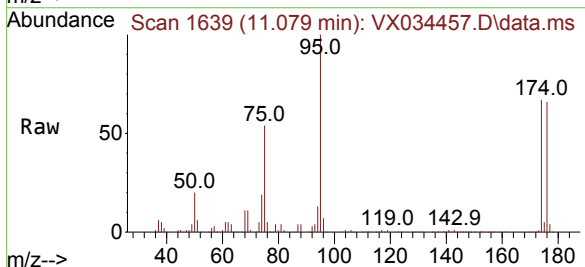
Instrument :
MSVOA_X
ClientSampleId :
RE134D3-20230309DL

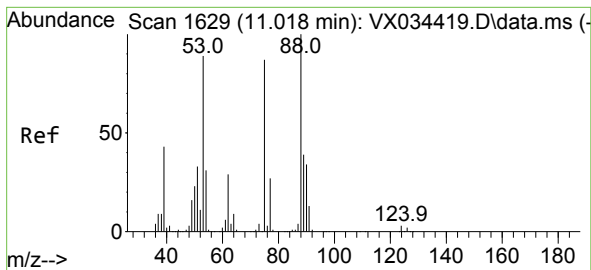
Tgt Ion:152 Resp: 165882
Ion Ratio Lower Upper
152 100
115 59.6 45.0 135.0
150 157.1 0.0 352.4



#76
1,2,3-Trichloropropane
Concen: 34.056 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX034457.D
Acq: 14 Mar 2023 12:11

Tgt Ion: 75 Resp: 129714
Ion Ratio Lower Upper
75 100
77 1.0 21.6 64.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 92.132 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX034457.D
 Acq: 14 Mar 2023 12:11

Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D3-20230309DL

Tgt Ion: 75 Resp: 129714
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.6 124.0#
 89 0.0 36.9 55.3#

