

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031323\
 Data File : VX034433.D
 Acq On : 13 Mar 2023 15:24
 Operator : JC/MD
 Sample : 01879-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE109D2-20230308

Quant Time: Mar 14 02:25:55 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

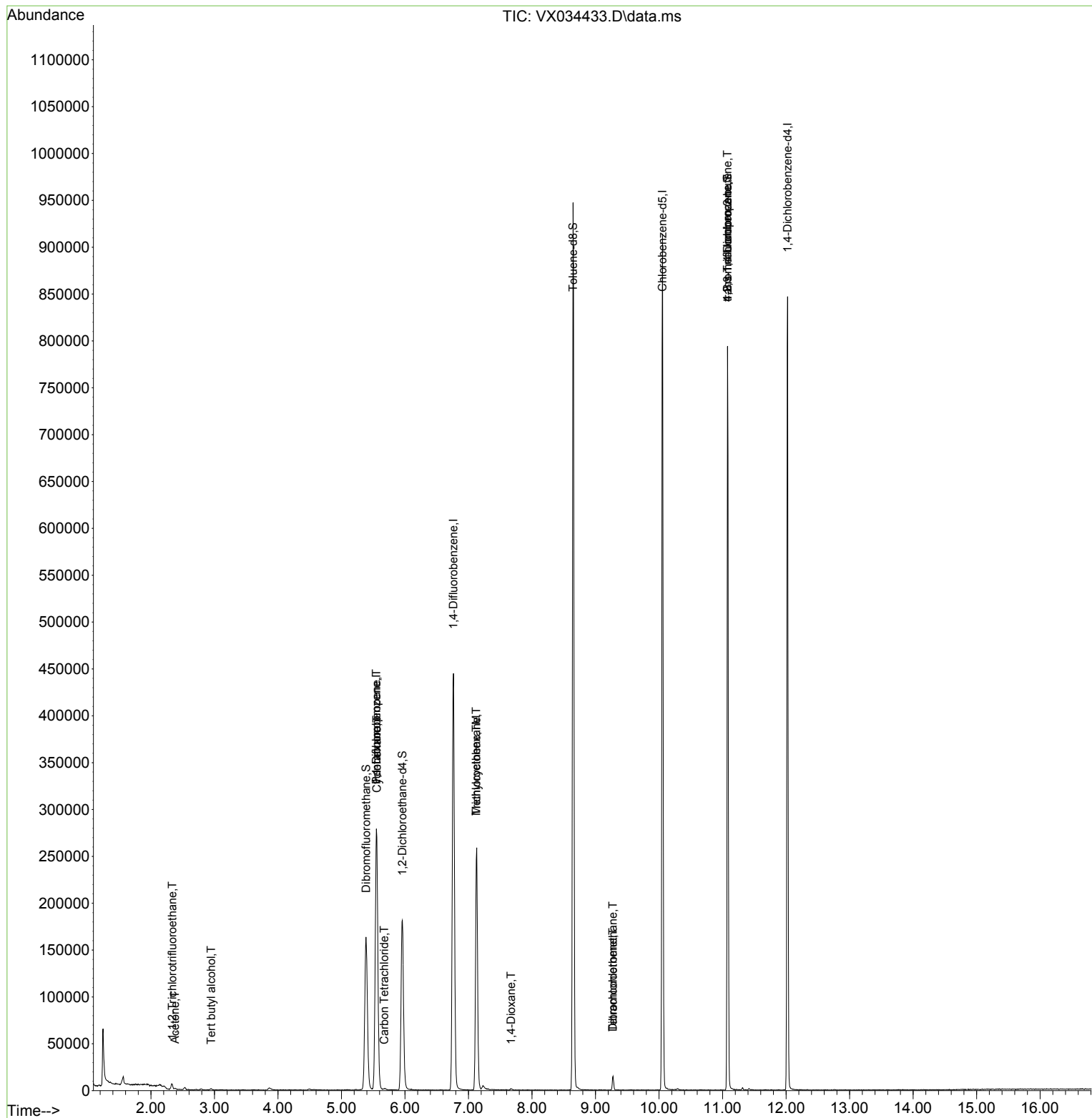
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.549	168	267072	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	455408	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	396984	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	168660	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	172171	44.313	ug/l	0.01
Spiked Amount	50.000	Range	78 - 117	Recovery	=	88.620%
35) Dibromofluoromethane	5.385	113	141948	47.209	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.420%
50) Toluene-d8	8.646	98	541176	48.213	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.420%
62) 4-Bromofluorobenzene	11.079	95	202433	44.649	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.300%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	464	Below Cal	#	30
9) 1,1,2-Trichlorotrifluo...	2.337	101	2160	0.728	ug/l	98
11) Tert butyl alcohol	2.946	59	856	1.058	ug/l #	79
16) Acetone	2.379	43	1372	0.750	ug/l #	66
31) Cyclohexane	5.555	56	5638	1.035	ug/l #	1
36) 1,1-Dichloropropene	5.549	75	20910	4.528	ug/l #	51
38) Carbon Tetrachloride	5.671	117	1121	0.244	ug/l #	96
39) Methylcyclohexane	7.122	83	1301	0.235	ug/l #	1
44) Trichloroethene	7.122	130	99605	28.375	ug/l	95
49) 1,4-Dioxane	7.671	88	1151	13.331	ug/l #	68
60) Dibromochloromethane	9.274	129	1762	0.506	ug/l #	10
64) Tetrachloroethene	9.274	164	2023	0.759	ug/l #	90
76) 1,2,3-Trichloropropane	11.079	75	104607	27.012	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	104607	73.075	ug/l #	8

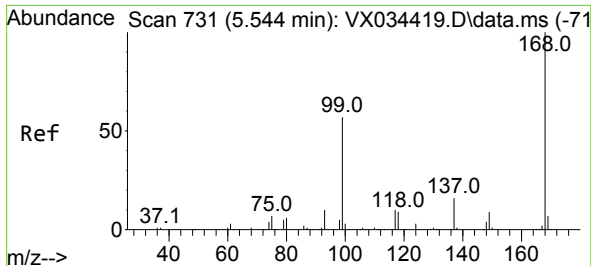
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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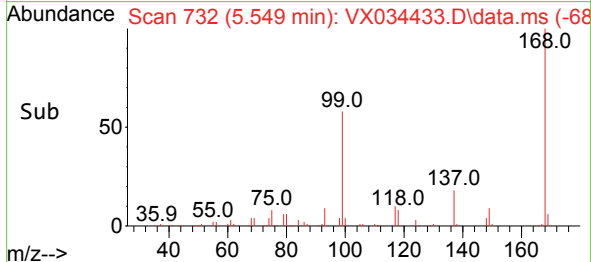
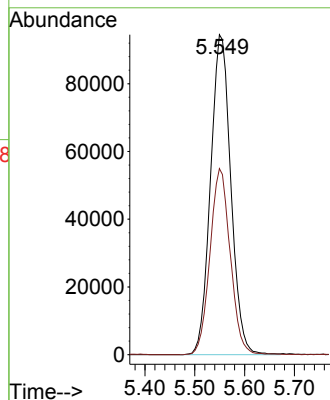
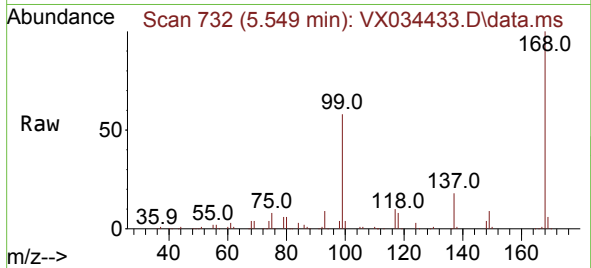




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. 0.005 min
Lab File: VX034433.D
Acq: 13 Mar 2023 15:24

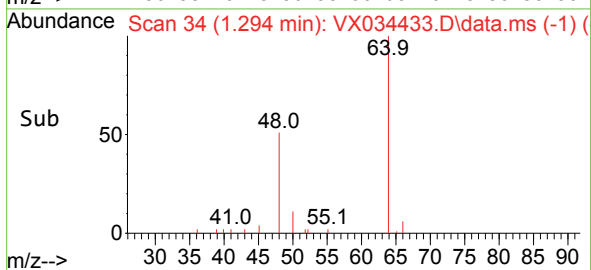
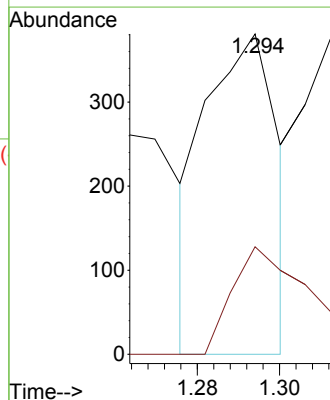
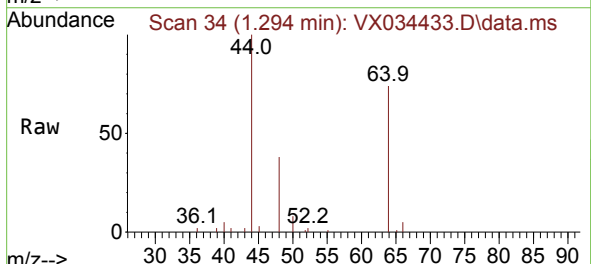
Instrument :
MSVOA_X
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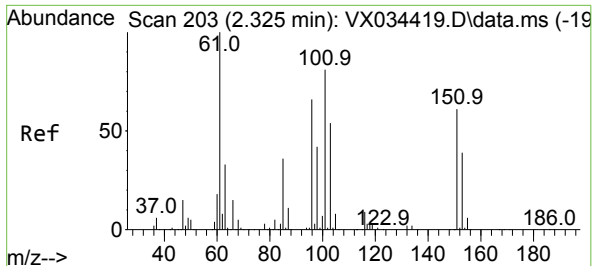
Tgt Ion:168 Resp: 267072
Ion Ratio Lower Upper
168 100
99 58.2 45.7 68.5



#3
Chloromethane
Concen: Below Cal
RT: 1.294 min Scan# 34
Delta R.T. -0.007 min
Lab File: VX034433.D
Acq: 13 Mar 2023 15:24

Tgt Ion: 50 Resp: 464
Ion Ratio Lower Upper
50 100
52 71.9 25.9 38.9#

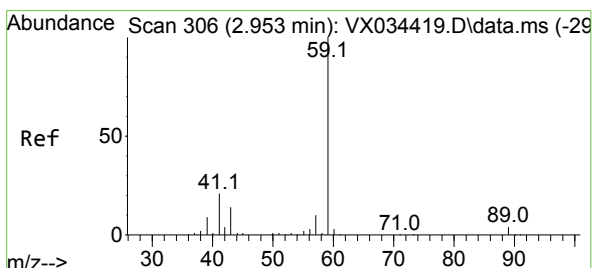
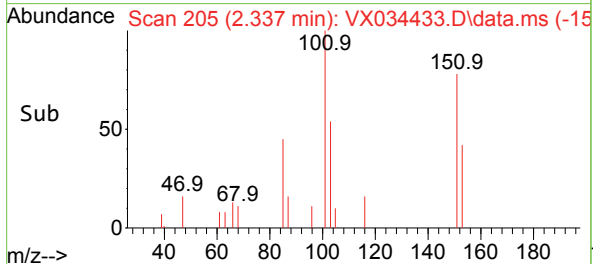
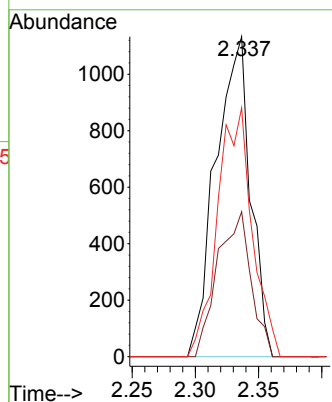
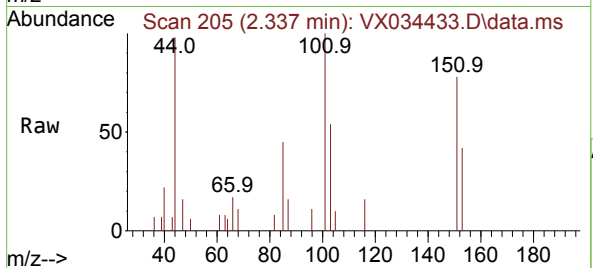




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.728 ug/l
RT: 2.337 min Scan# 20
Delta R.T. 0.012 min
Lab File: VX034433.D
Acq: 13 Mar 2023 15:24

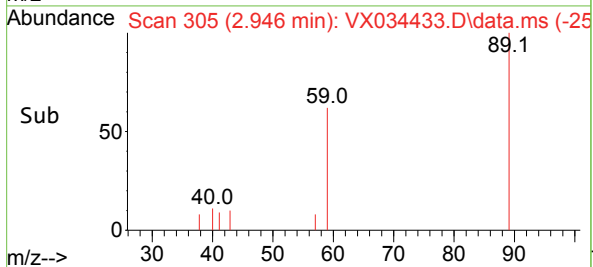
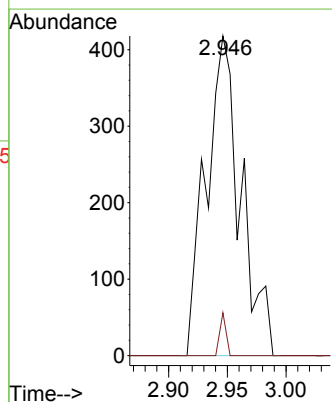
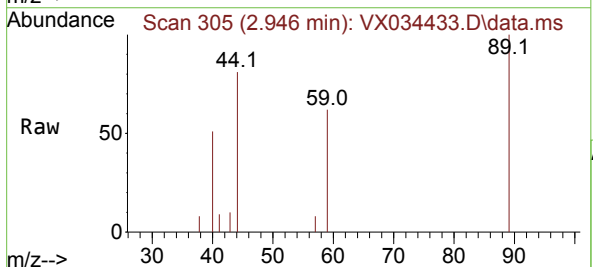
Instrument :
MSVOA_X
ClientSampleId :
RE109D2-20230308

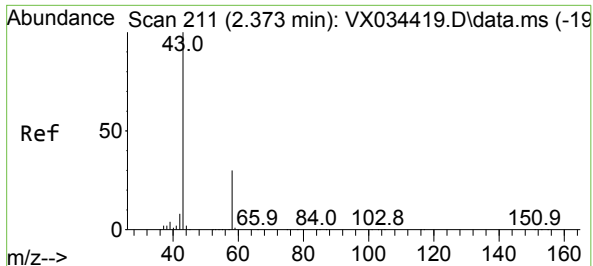
Tgt Ion:101 Resp: 2160
Ion Ratio Lower Upper
101 100
85 43.6 35.4 53.2
151 77.6 60.2 90.4



#11
Tert butyl alcohol
Concen: 1.058 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.006 min
Lab File: VX034433.D
Acq: 13 Mar 2023 15:24

Tgt Ion: 59 Resp: 856
Ion Ratio Lower Upper
59 100
57 2.3 8.1 12.1#

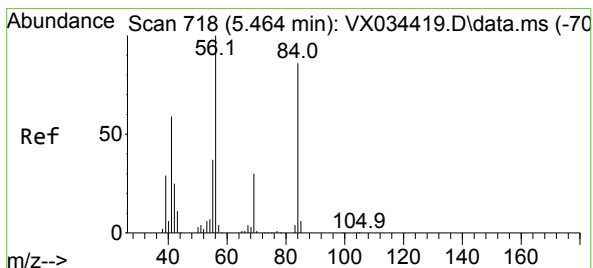
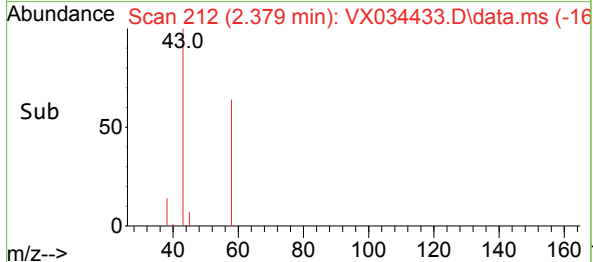
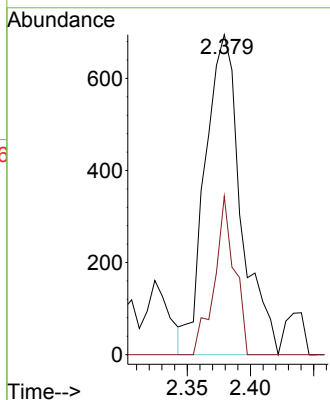
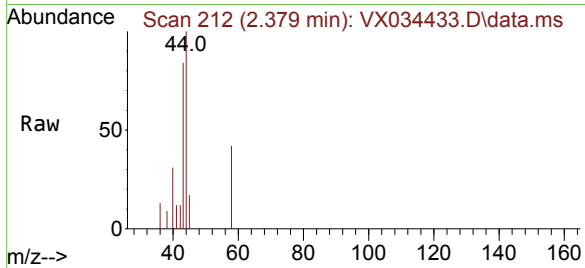




#16
Acetone
Concen: 0.750 ug/l
RT: 2.379 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX034433.D
Acq: 13 Mar 2023 15:24

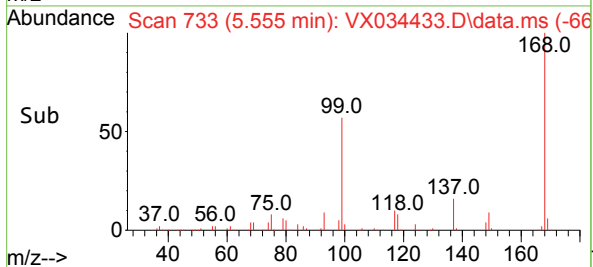
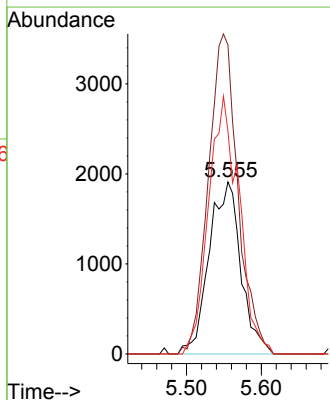
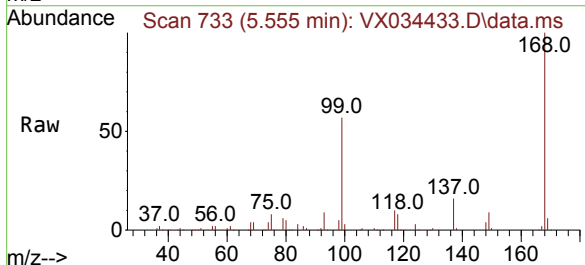
Instrument :
MSVOA_X
ClientSampleId :
RE109D2-20230308

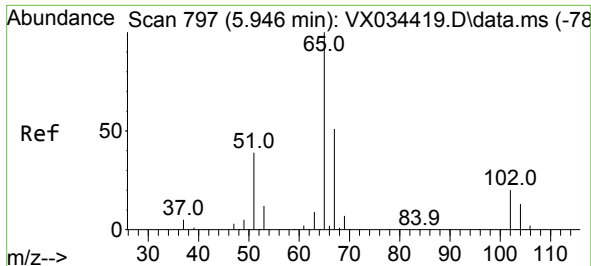
Tgt Ion: 43 Resp: 1372
Ion Ratio Lower Upper
43 100
58 49.5 24.7 37.1#



#31
Cyclohexane
Concen: 1.035 ug/l
RT: 5.555 min Scan# 733
Delta R.T. 0.091 min
Lab File: VX034433.D
Acq: 13 Mar 2023 15:24

Tgt Ion: 56 Resp: 5638
Ion Ratio Lower Upper
56 100
69 179.6 23.7 35.5#
84 129.4 68.5 102.7#





#33

1,2-Dichloroethane-d4

Concen: 44.313 ug/l

RT: 5.958 min Scan# 797

Delta R.T. 0.012 min

Lab File: VX034433.D

Acq: 13 Mar 2023 15:24

Instrument :

MSVOA_X

ClientSampleId :

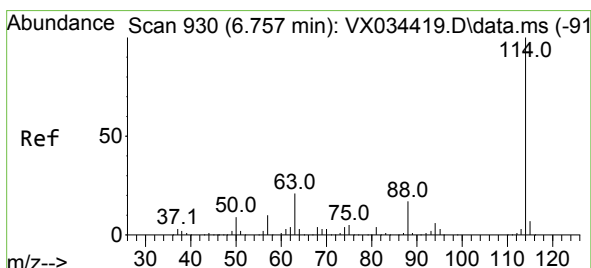
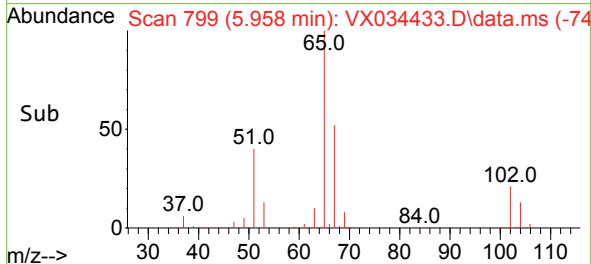
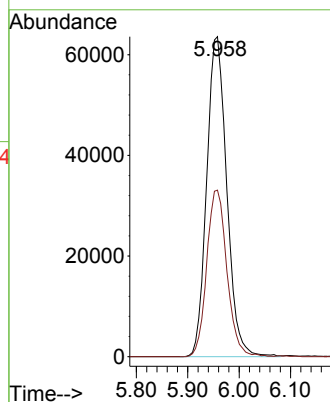
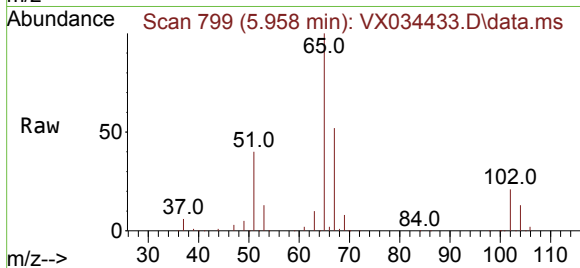
RE109D2-20230308

Tgt Ion: 65 Resp: 172171

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# 931

Delta R.T. 0.006 min

Lab File: VX034433.D

Acq: 13 Mar 2023 15:24

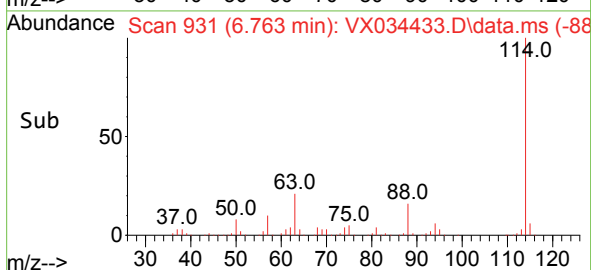
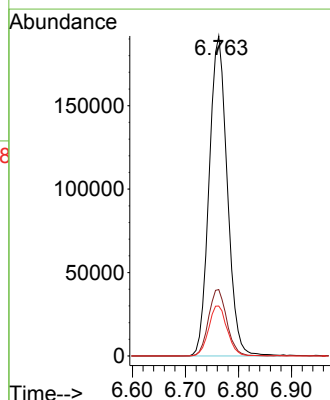
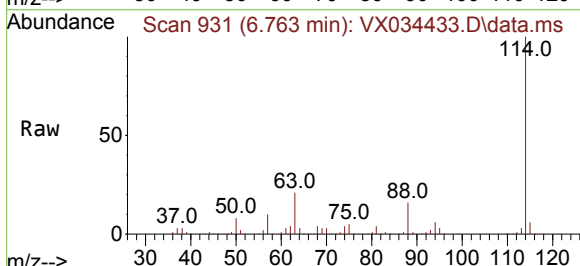
Tgt Ion: 114 Resp: 455408

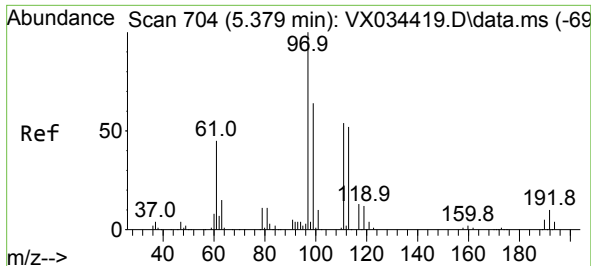
Ion Ratio Lower Upper

114 100

63 20.8 0.0 42.2

88 15.6 0.0 33.2

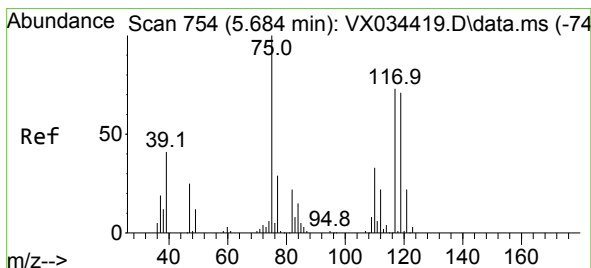
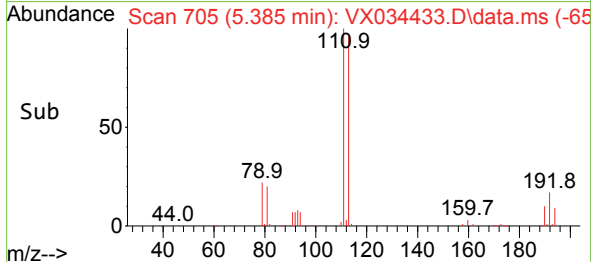
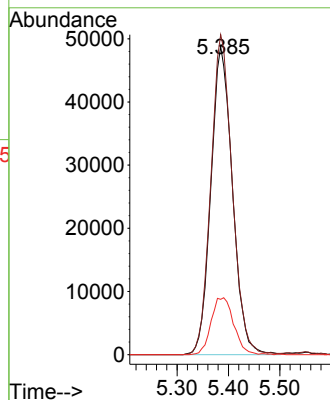
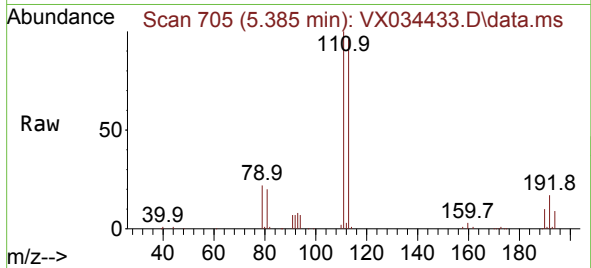




#35
Dibromofluoromethane
Concen: 47.209 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX034433.D
Acq: 13 Mar 2023 15:24

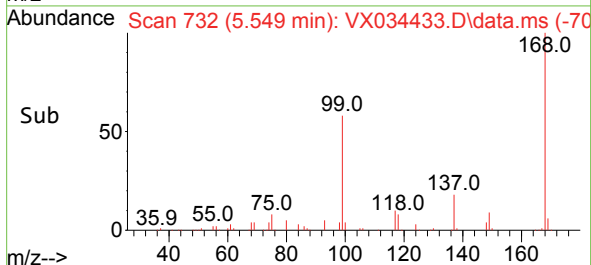
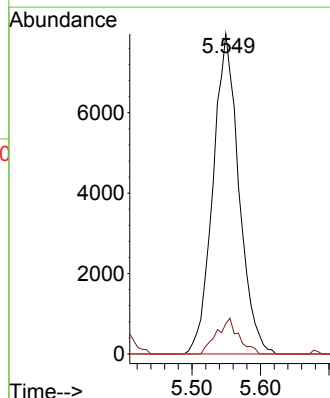
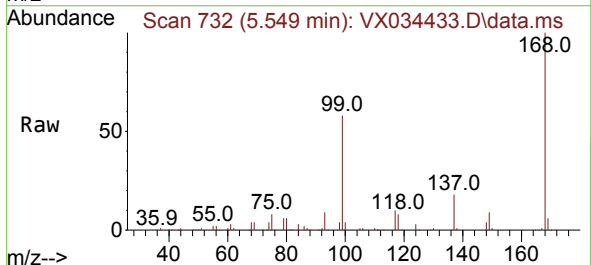
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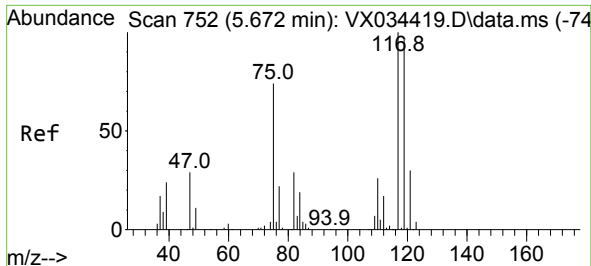
Tgt Ion:113 Resp: 141948
Ion Ratio Lower Upper
113 100
111 103.3 83.7 125.5
192 19.5 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.528 ug/l
RT: 5.549 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX034433.D
Acq: 13 Mar 2023 15:24

Tgt Ion: 75 Resp: 20910
Ion Ratio Lower Upper
75 100
110 9.5 17.5 52.5#
77 0.0 24.3 36.5#

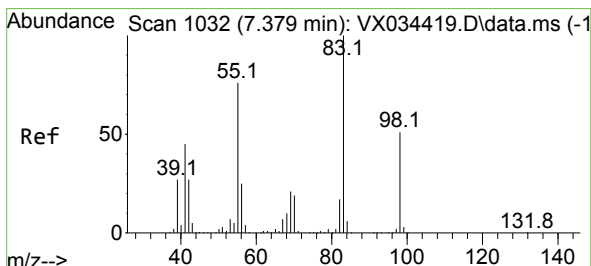
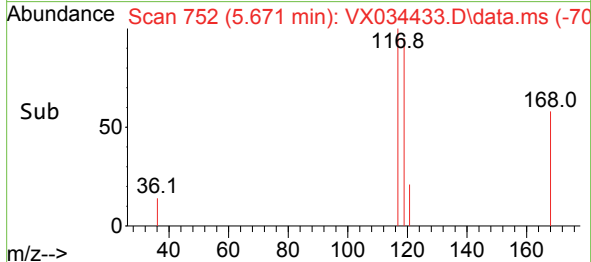
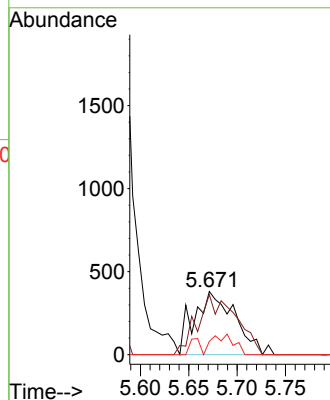
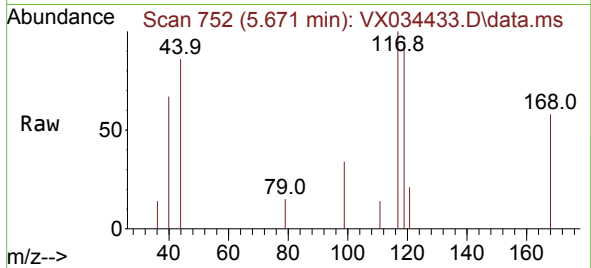




#38
Carbon Tetrachloride
Concen: 0.244 ug/l
RT: 5.671 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX034433.D
Acq: 13 Mar 2023 15:24

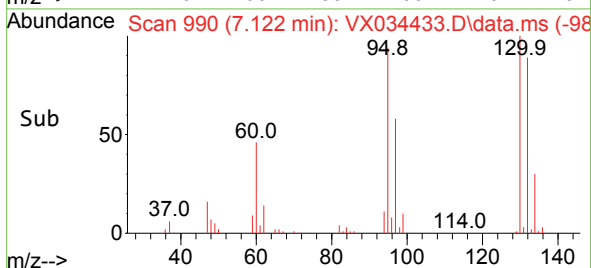
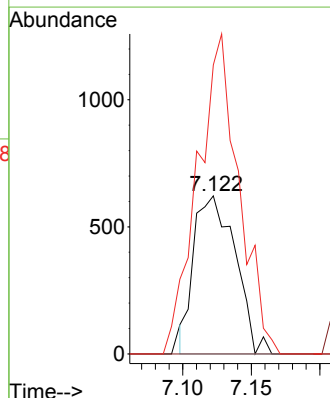
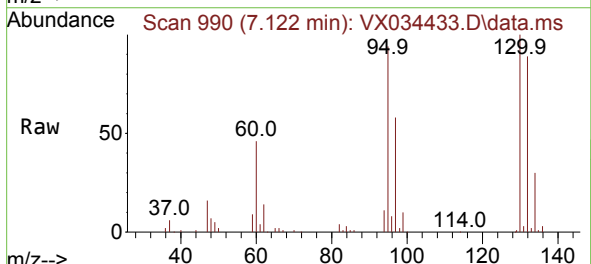
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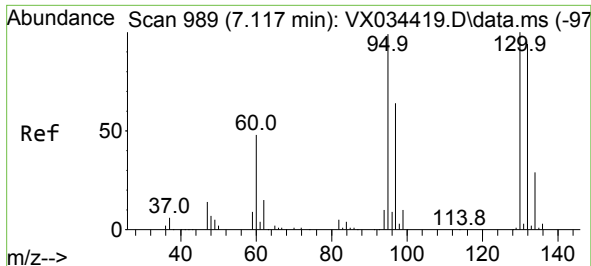
Tgt Ion:117 Resp: 1121
Ion Ratio Lower Upper
117 100
119 95.0 76.6 114.8
121 21.1 23.8 35.6#



#39
Methylcyclohexane
Concen: 0.235 ug/l
RT: 7.122 min Scan# 990
Delta R.T. -0.256 min
Lab File: VX034433.D
Acq: 13 Mar 2023 15:24

Tgt Ion: 83 Resp: 1301
Ion Ratio Lower Upper
83 100
55 0.0 60.5 90.7#
98 182.8 40.4 60.6#

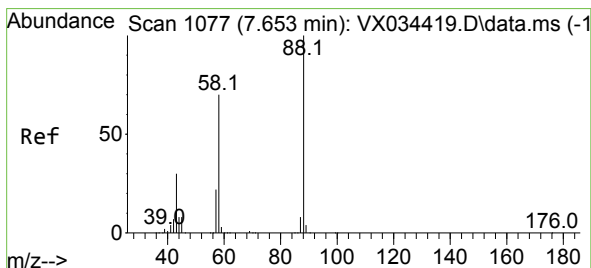
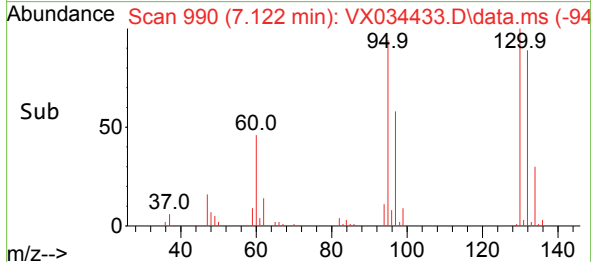
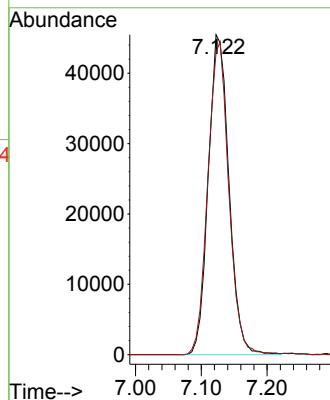
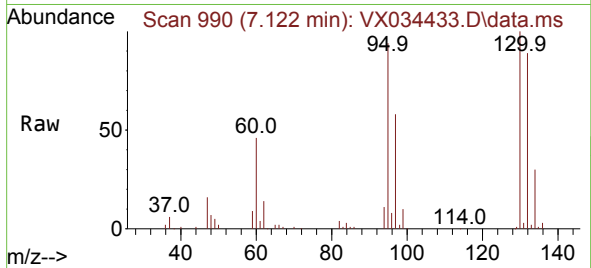




#44
Trichloroethene
Concen: 28.375 ug/l
RT: 7.122 min Scan# 94
Delta R.T. 0.006 min
Lab File: VX034433.D
Acq: 13 Mar 2023 15:24

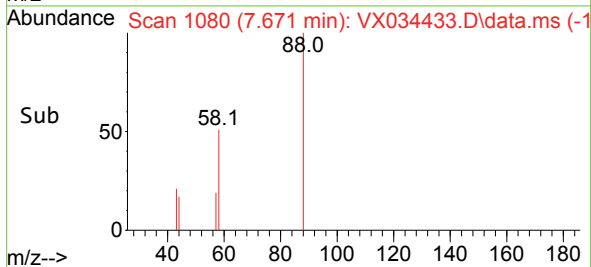
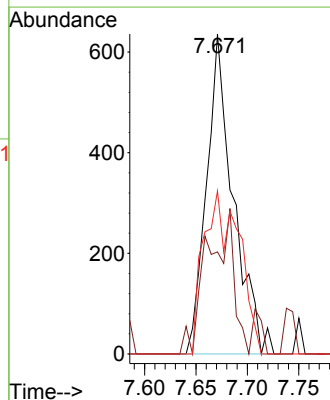
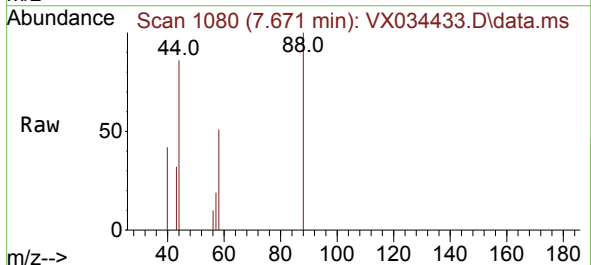
Instrument :
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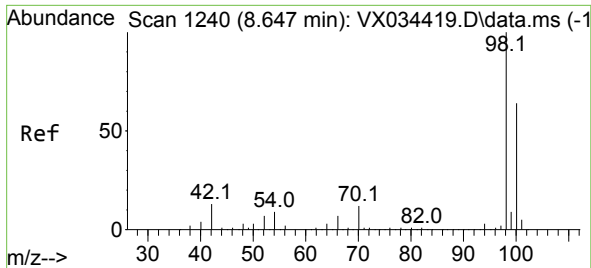
Tgt Ion:130 Resp: 99605
Ion Ratio Lower Upper
130 100
95 94.4 0.0 198.4



#49
1,4-Dioxane
Concen: 13.331 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. 0.018 min
Lab File: VX034433.D
Acq: 13 Mar 2023 15:24

Tgt Ion: 88 Resp: 1151
Ion Ratio Lower Upper
88 100
43 44.9 27.7 41.5#
58 38.5 56.8 85.2#

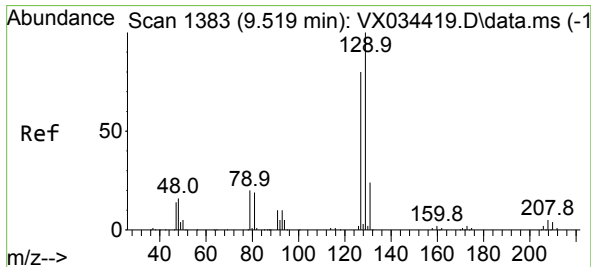
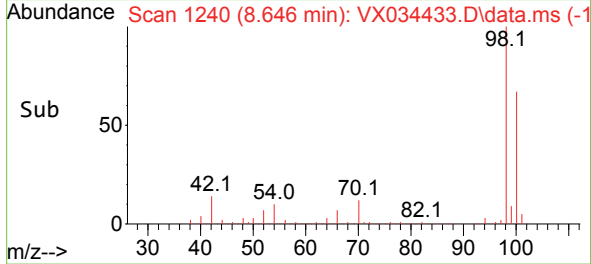
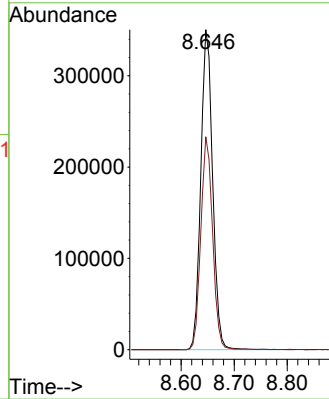
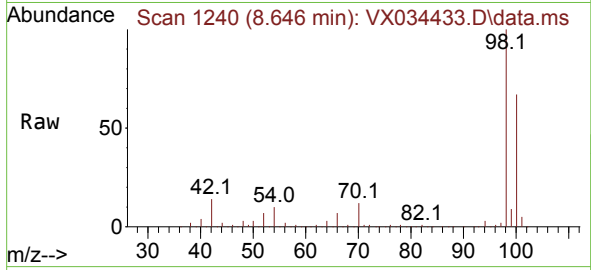




#50
Toluene-d8
Concen: 48.213 ug/l
RT: 8.646 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034433.D
Acq: 13 Mar 2023 15:24

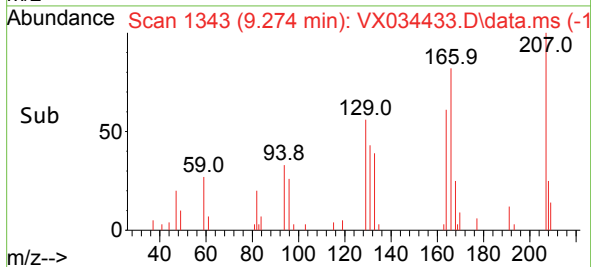
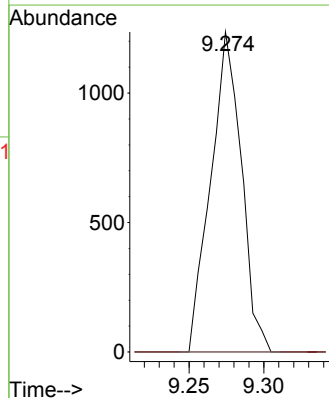
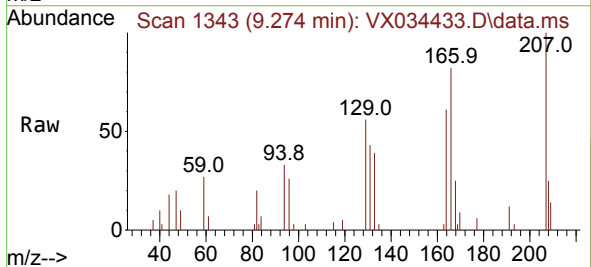
Instrument :
MSVOA_X
ClientSampleId :
RE109D2-20230308

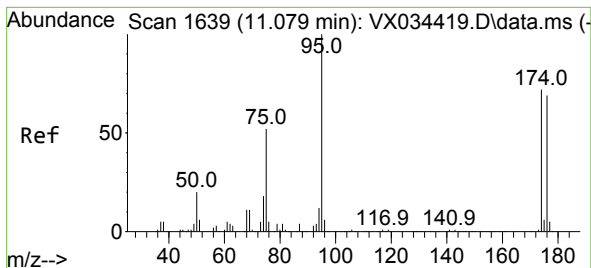
Tgt Ion: 98 Resp: 541176
Ion Ratio Lower Upper
98 100
100 66.3 52.5 78.7



#60
Dibromochloromethane
Concen: 0.506 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. -0.244 min
Lab File: VX034433.D
Acq: 13 Mar 2023 15:24

Tgt Ion: 129 Resp: 1762
Ion Ratio Lower Upper
129 100
127 0.0 39.0 117.0#

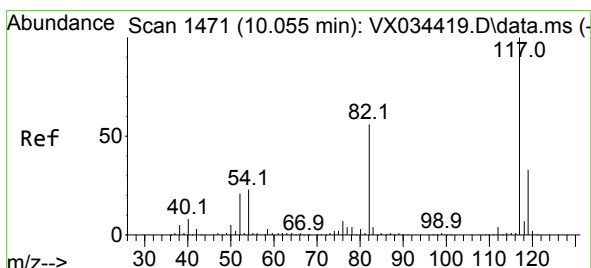
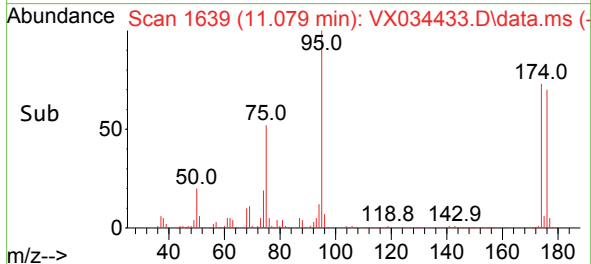
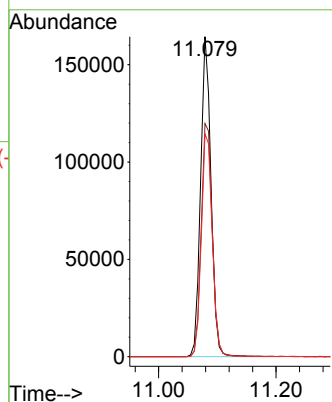
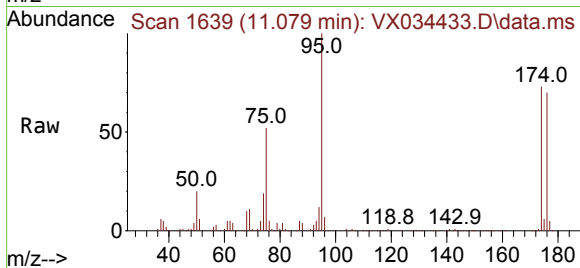




#62
4-Bromofluorobenzene
Concen: 44.649 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX034433.D
Acq: 13 Mar 2023 15:24

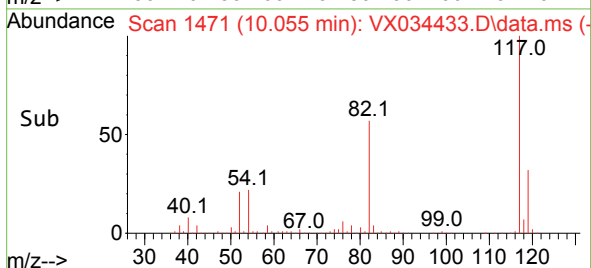
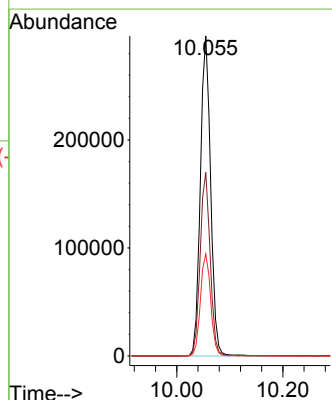
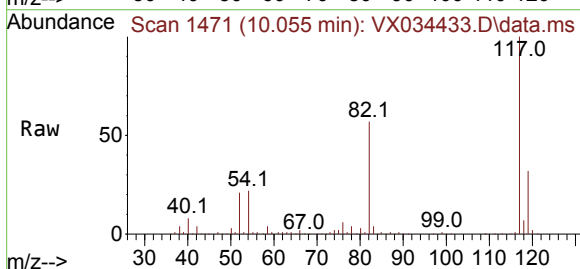
Instrument :
MSVOA_X
ClientSampleId :
RE109D2-20230308

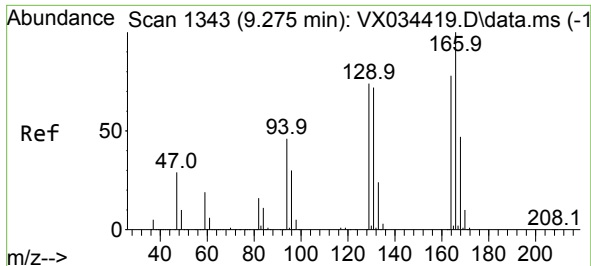
Tgt Ion: 95 Resp: 202433
Ion Ratio Lower Upper
95 100
174 77.6 0.0 147.4
176 73.5 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034433.D
Acq: 13 Mar 2023 15:24

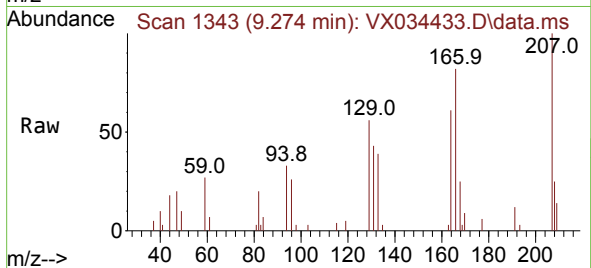
Tgt Ion: 117 Resp: 396984
Ion Ratio Lower Upper
117 100
82 57.3 45.0 67.4
119 31.9 26.0 39.0



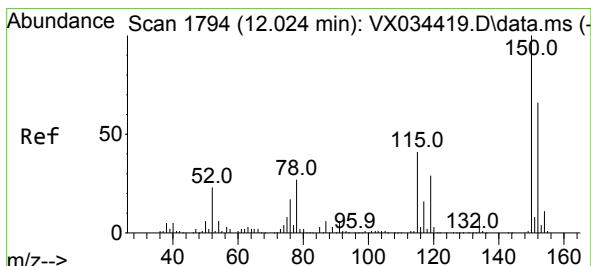
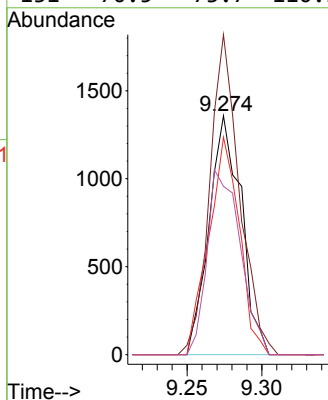
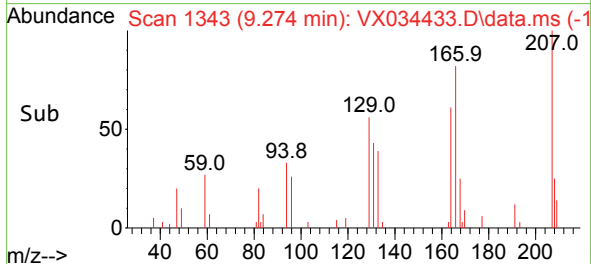


#64
Tetrachloroethene
Concen: 0.759 ug/l
RT: 9.274 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034433.D
Acq: 13 Mar 2023 15:24

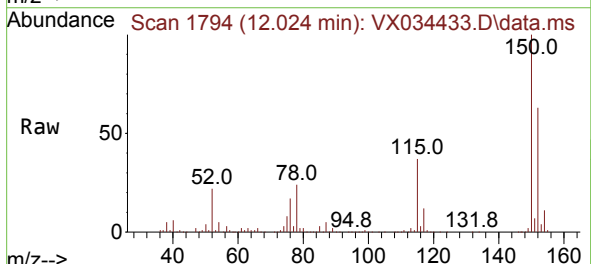
Instrument :
MSVOA_X
ClientSampleId :
RE109D2-20230308



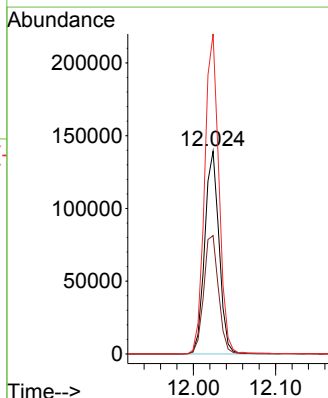
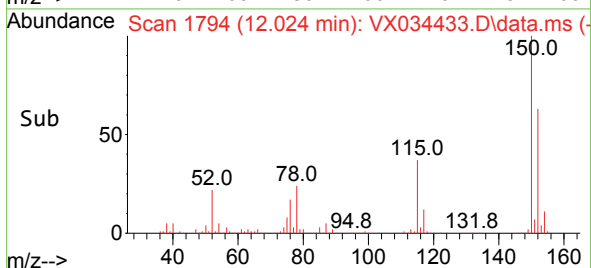
Tgt Ion:164 Resp: 2023
Ion Ratio Lower Upper
164 100
166 133.9 102.7 154.1
129 91.0 75.6 113.4
131 70.5 73.7 110.5#

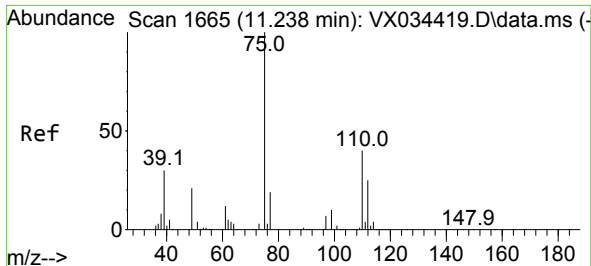


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX034433.D
Acq: 13 Mar 2023 15:24



Tgt Ion:152 Resp: 168660
Ion Ratio Lower Upper
152 100
115 60.3 45.0 135.0
150 157.4 0.0 352.4

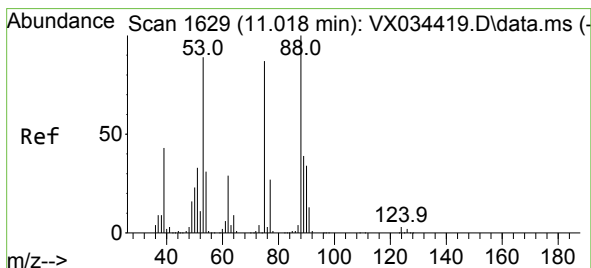
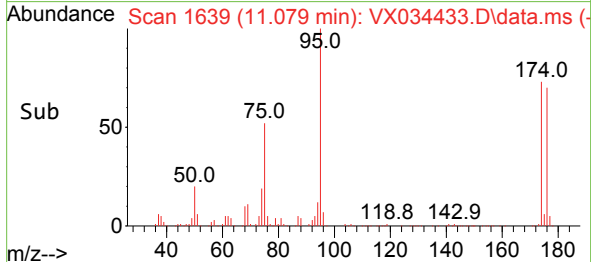
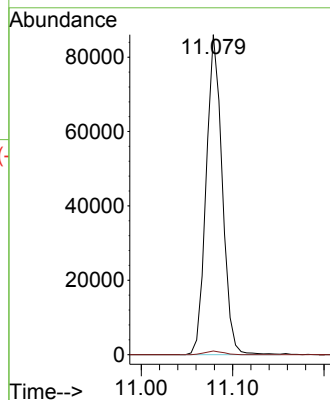
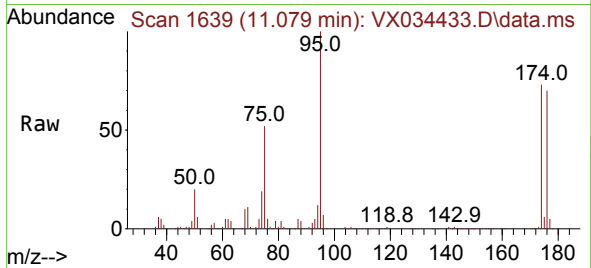




#76
1,2,3-Trichloropropane
Concen: 27.012 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX034433.D
Acq: 13 Mar 2023 15:24

Instrument :
MSVOA_X
ClientSampleId :
RE109D2-20230308

Tgt Ion: 75 Resp: 104607
Ion Ratio Lower Upper
75 100
77 1.3 21.6 64.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.075 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX034433.D
Acq: 13 Mar 2023 15:24

Tgt Ion: 75 Resp: 104607
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#

