

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031323\
 Data File : VX034432.D
 Acq On : 13 Mar 2023 15:01
 Operator : JC/MD
 Sample : 01879-09 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE108D2-20230308

Quant Time: Mar 14 02:25:35 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)

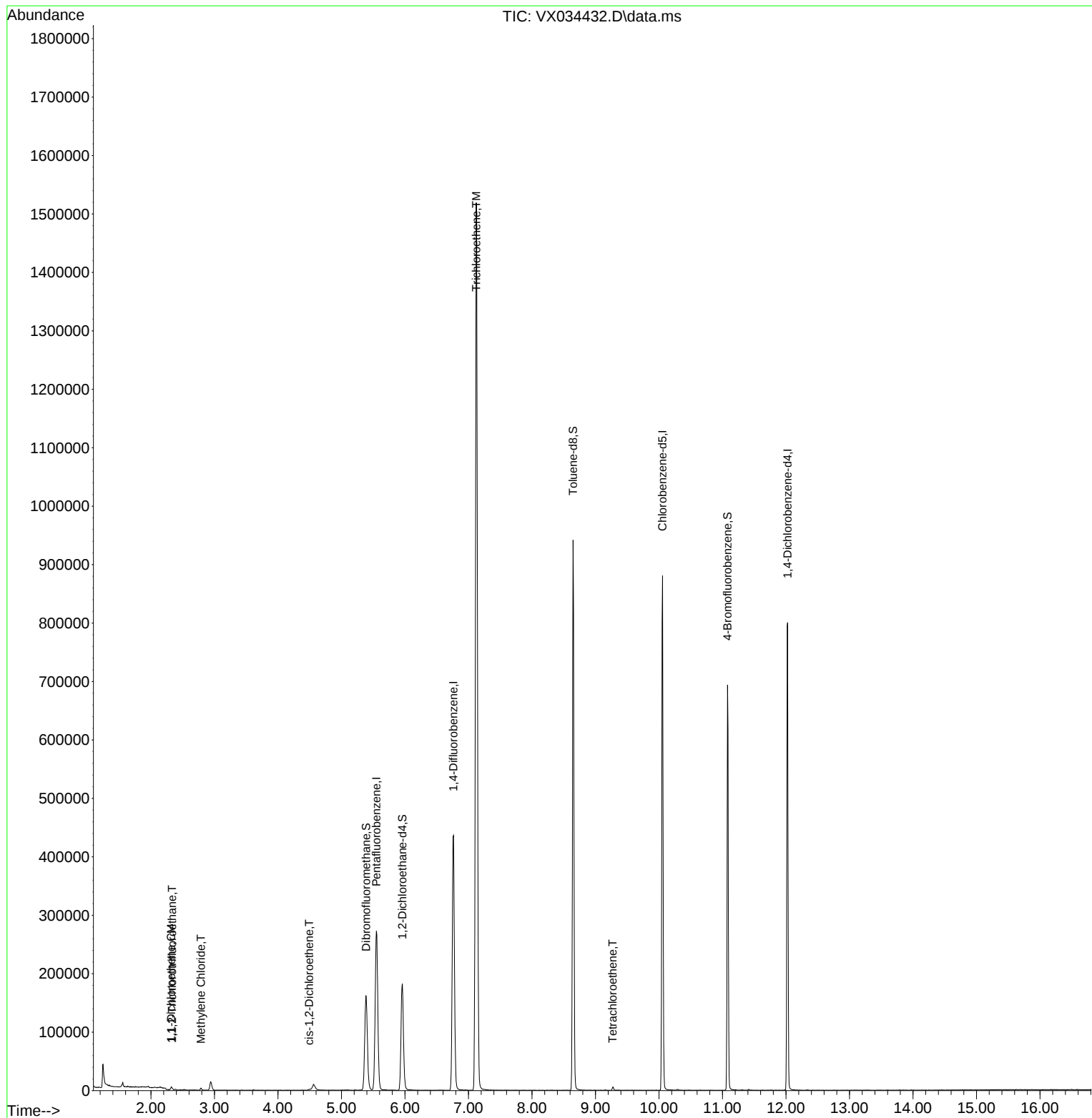
Internal Standards						
1) Pentafluorobenzene	5.550	168	264377	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	447368	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	388784	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	170082	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	172088	44.743	ug/l	0.01
Spiked Amount 50.000	Range 78 - 117		Recovery =	89.480%		
35) Dibromofluoromethane	5.385	113	142540	48.258	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.520%		
50) Toluene-d8	8.647	98	537581	48.754	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.500%		
62) 4-Bromofluorobenzene	11.079	95	182632	41.005	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	82.020%#		
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.331	101	1027	0.349	ug/l #	82
12) 1,1-Dichloroethene	2.319	96	1028	0.355	ug/l	95
20) Methylene Chloride	2.788	84	1172	0.333	ug/l #	58
27) cis-1,2-Dichloroethene	4.489	96	1016	0.275	ug/l	65
44) Trichloroethene	7.123	130	582310	168.867	ug/l	99
64) Tetrachloroethene	9.269	164	659	0.252	ug/l #	66

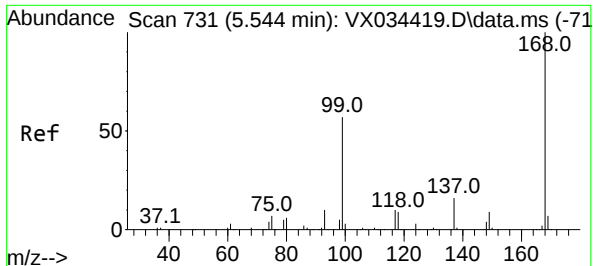
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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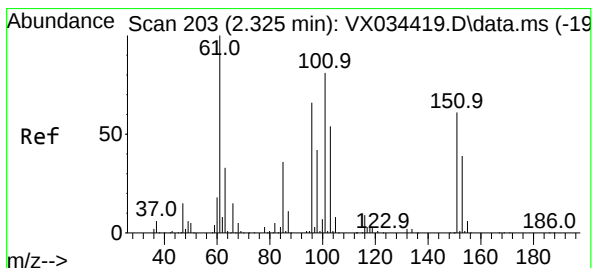
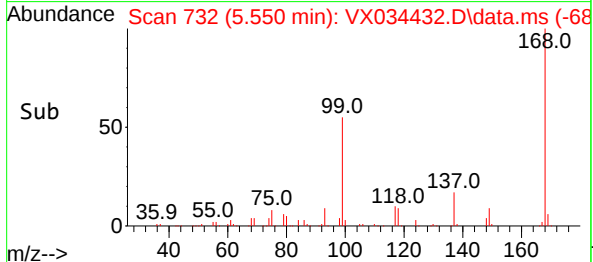
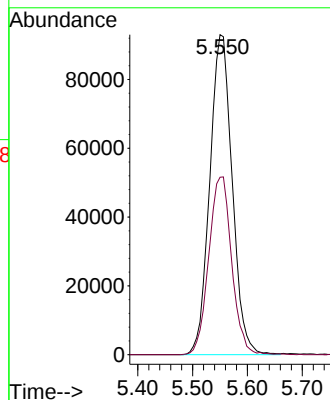
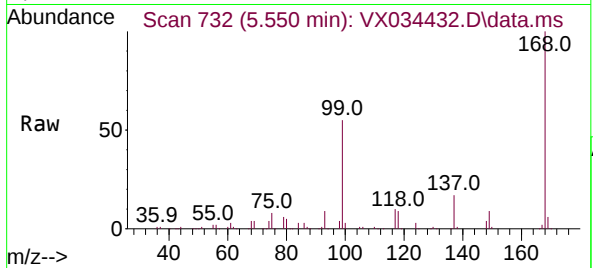




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034432.D
Acq: 13 Mar 2023 15:01

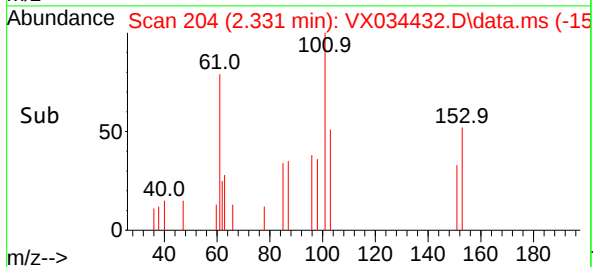
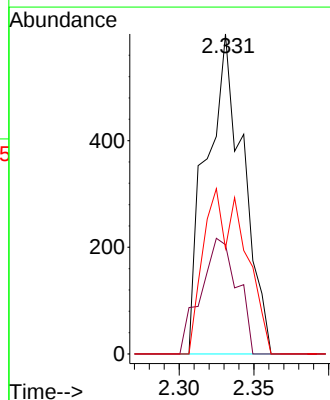
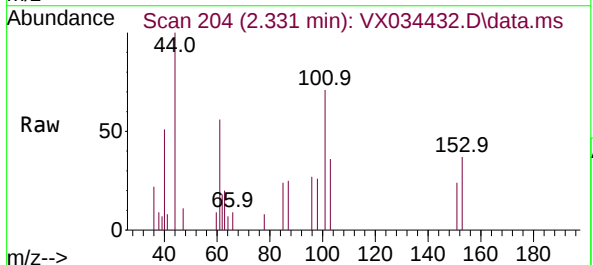
Instrument :
MSVOA_X
ClientSampleId :
RE108D2-20230308

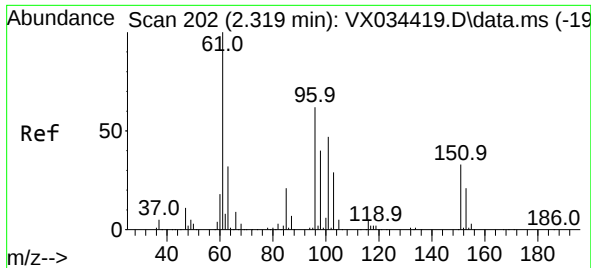
Tgt Ion:168 Resp: 264377
Ion Ratio Lower Upper
168 100
99 55.5 45.7 68.5



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.349 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX034432.D
Acq: 13 Mar 2023 15:01

Tgt Ion:101 Resp: 1027
Ion Ratio Lower Upper
101 100
85 35.8 35.4 53.2
151 57.7 60.2 90.4#

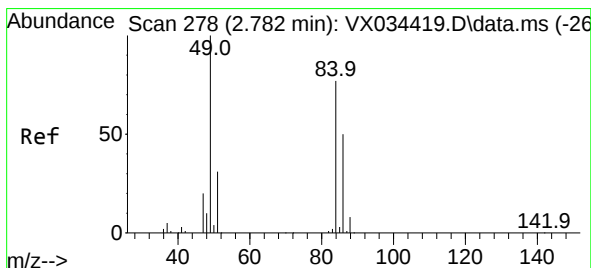
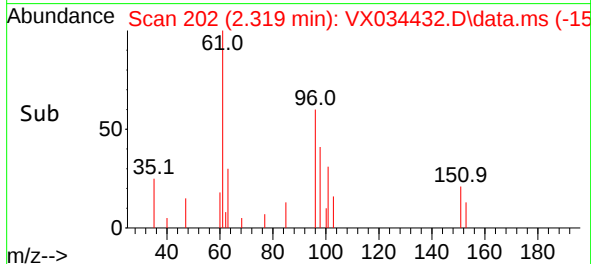
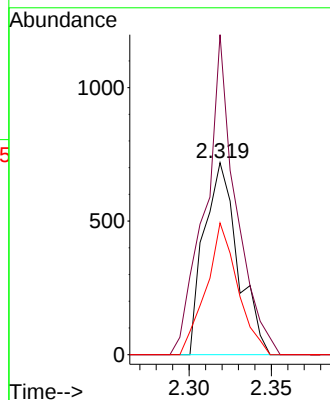
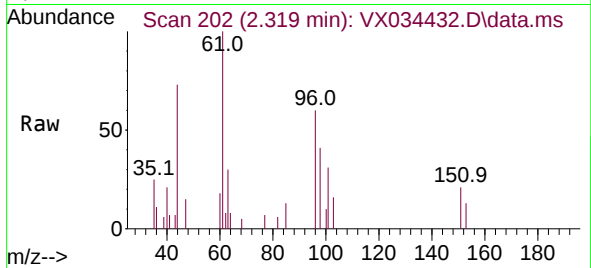




#12
1,1-Dichloroethene
Concen: 0.355 ug/l
RT: 2.319 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX034432.D
Acq: 13 Mar 2023 15:01

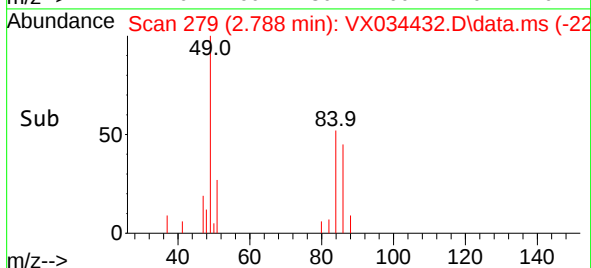
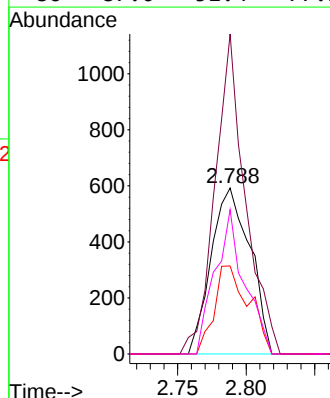
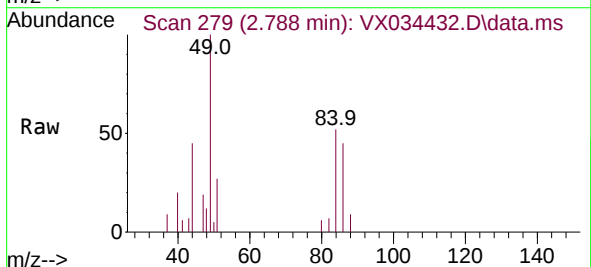
Instrument :
MSVOA_X
ClientSampleId :
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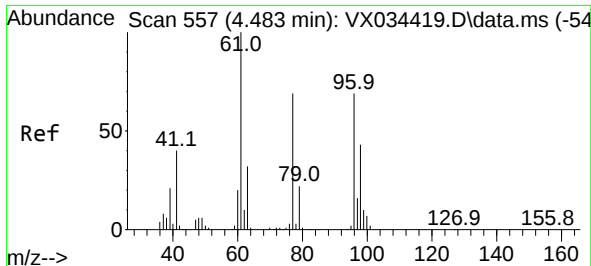
Tgt Ion: 96 Resp: 1028
Ion Ratio Lower Upper
96 100
61 166.6 128.8 193.2
98 68.6 51.4 77.0



#20
Methylene Chloride
Concen: 0.333 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX034432.D
Acq: 13 Mar 2023 15:01

Tgt Ion: 84 Resp: 1172
Ion Ratio Lower Upper
84 100
49 192.9 103.8 155.8#
51 53.0 31.8 47.8#
86 87.0 51.4 77.2#





#27

cis-1,2-Dichloroethene

Concen: 0.275 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX034432.D

Acq: 13 Mar 2023 15:01

Instrument :

MSVOA_X

ClientSampleId :

RE108D2-20230308

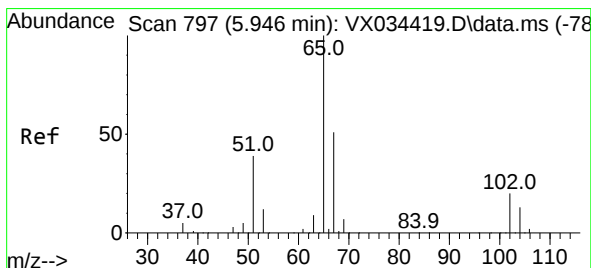
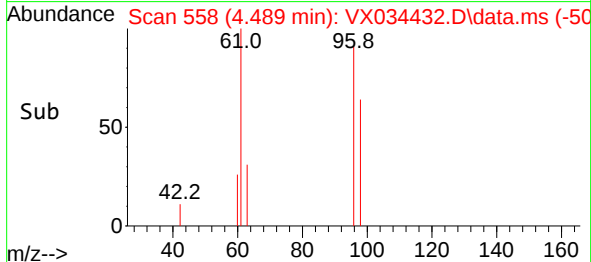
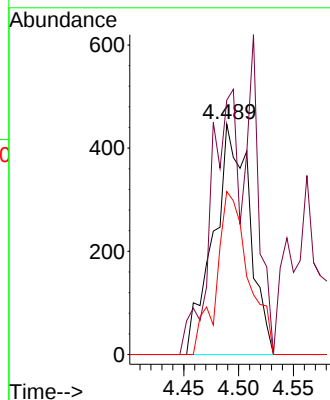
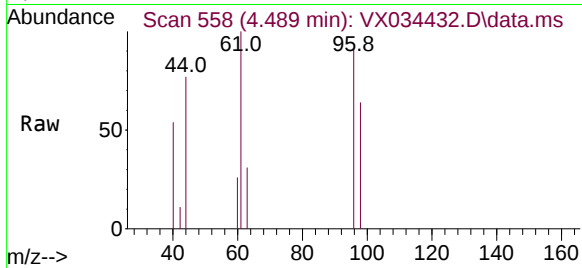
Tgt Ion: 96 Resp: 1016

Ion Ratio Lower Upper

96 100

61 87.2 0.0 300.4

98 63.3 0.0 129.0



#33

1,2-Dichloroethane-d4

Concen: 44.743 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.012 min

Lab File: VX034432.D

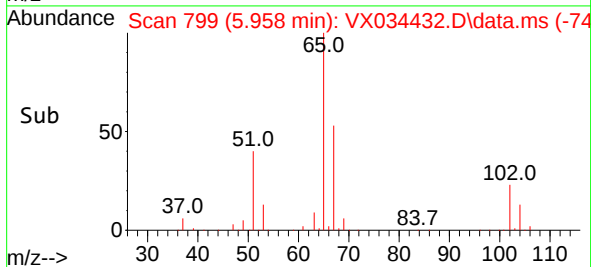
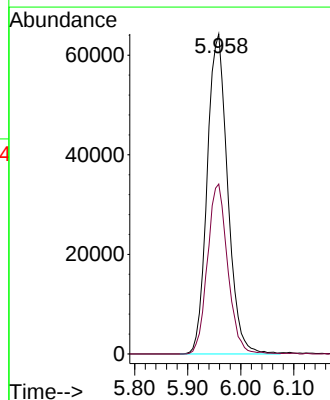
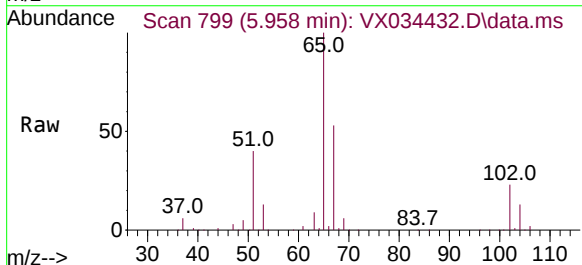
Acq: 13 Mar 2023 15:01

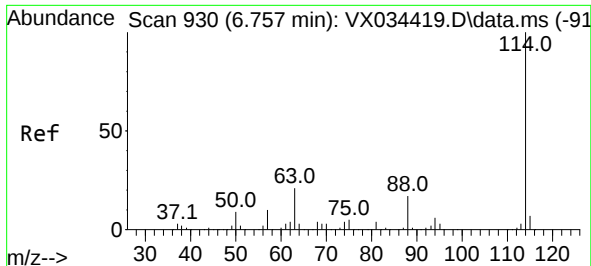
Tgt Ion: 65 Resp: 172088

Ion Ratio Lower Upper

65 100

67 52.6 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: VX034432.D

Acq: 13 Mar 2023 15:01

Instrument :

MSVOA_X

ClientSampleId :

RE108D2-20230308

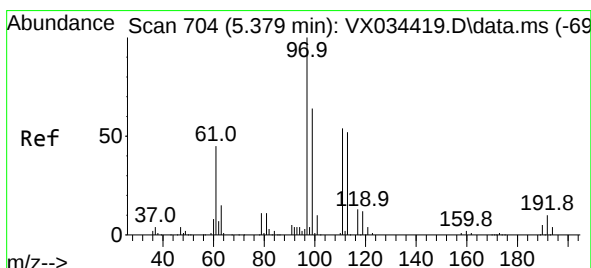
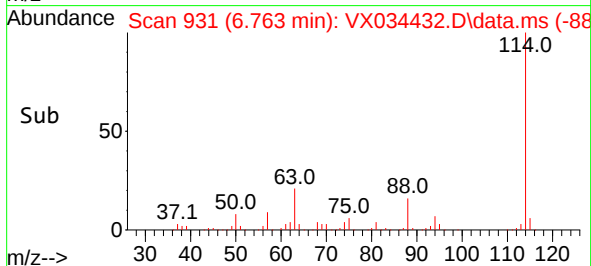
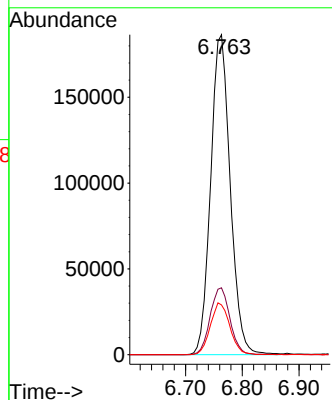
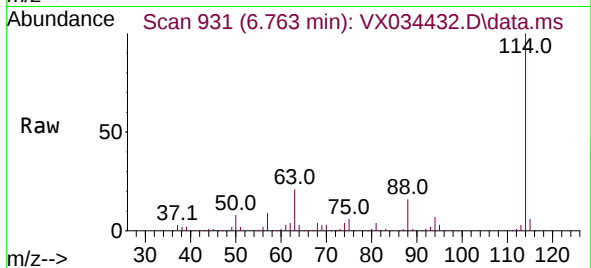
Tgt Ion:114 Resp: 447368

Ion Ratio Lower Upper

114 100

63 20.9 0.0 42.2

88 15.5 0.0 33.2



#35

Dibromofluoromethane

Concen: 48.258 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX034432.D

Acq: 13 Mar 2023 15:01

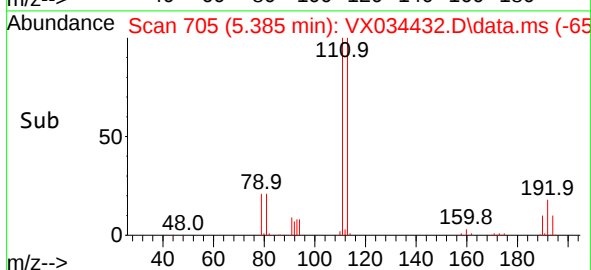
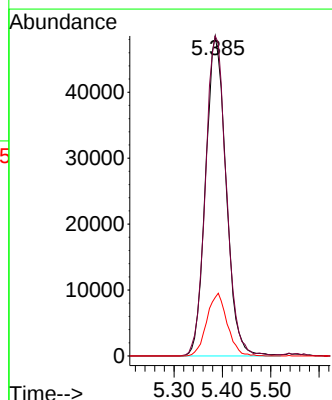
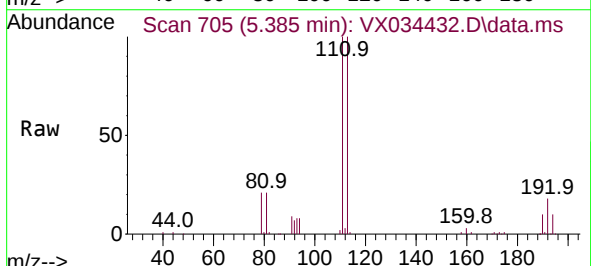
Tgt Ion:113 Resp: 142540

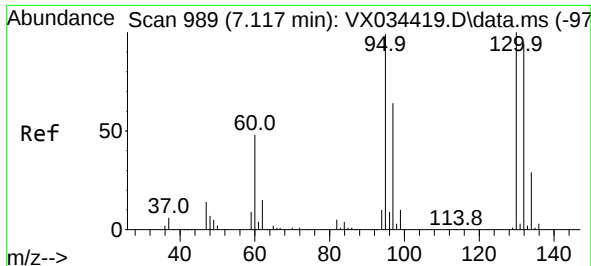
Ion Ratio Lower Upper

113 100

111 101.4 83.7 125.5

192 19.5 15.4 23.2

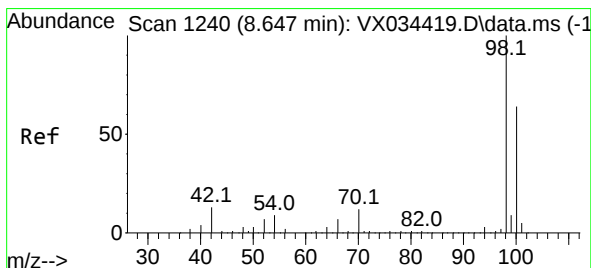
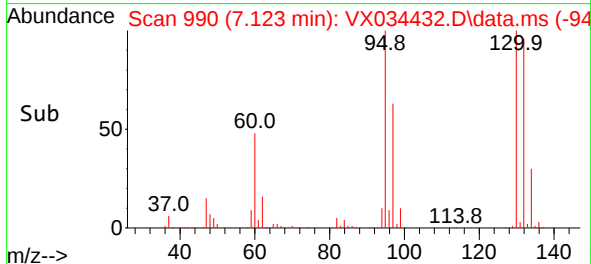
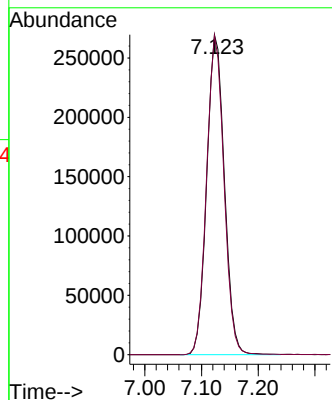
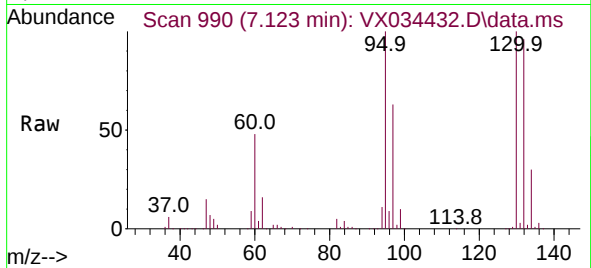




#44
 Trichloroethene
 Concen: 168.867 ug/l
 RT: 7.123 min Scan# 990
 Delta R.T. 0.006 min
 Lab File: VX034432.D
 Acq: 13 Mar 2023 15:01

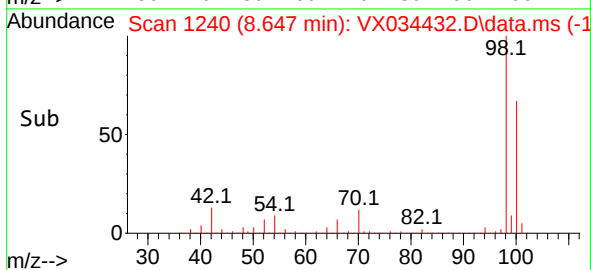
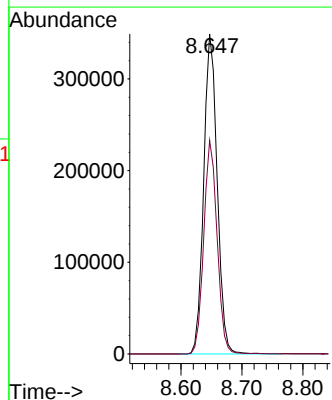
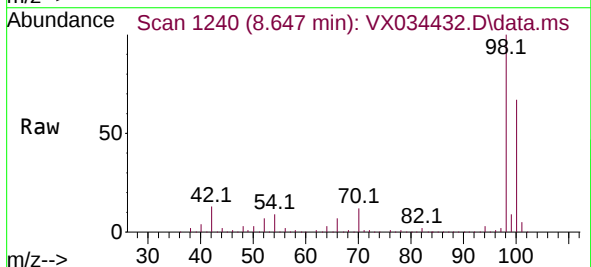
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 RE108D2-20230308

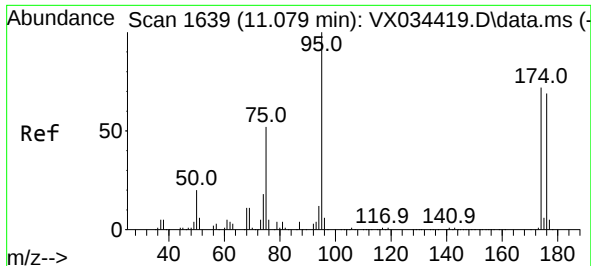
Tgt Ion:130 Resp: 582310
 Ion Ratio Lower Upper
 130 100
 95 99.7 0.0 198.4



#50
 Toluene-d8
 Concen: 48.754 ug/l
 RT: 8.647 min Scan# 1240
 Delta R.T. 0.000 min
 Lab File: VX034432.D
 Acq: 13 Mar 2023 15:01

Tgt Ion: 98 Resp: 537581
 Ion Ratio Lower Upper
 98 100
 100 66.3 52.5 78.7





#62

4-Bromofluorobenzene

Concen: 41.005 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX034432.D

Acq: 13 Mar 2023 15:01

Instrument :

MSVOA_X

ClientSampleId :

RE108D2-20230308

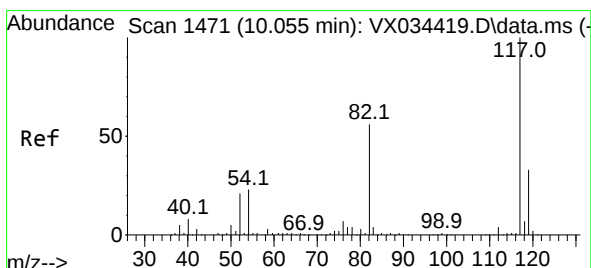
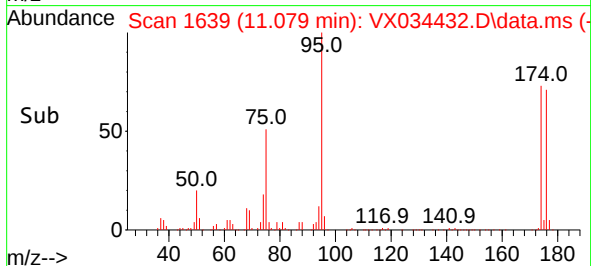
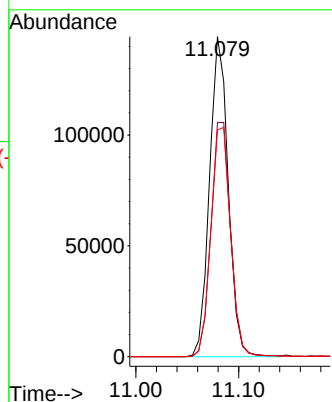
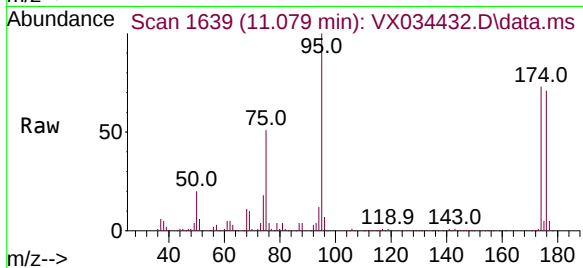
Tgt Ion: 95 Resp: 182632

Ion Ratio Lower Upper

95 100

174 76.8 0.0 147.4

176 75.8 0.0 140.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX034432.D

Acq: 13 Mar 2023 15:01

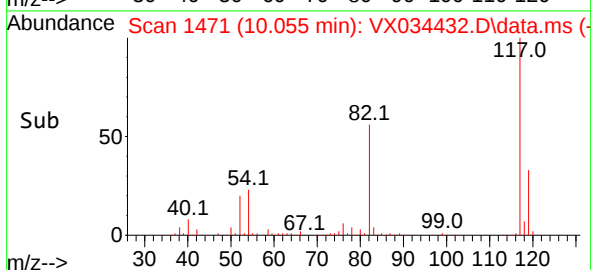
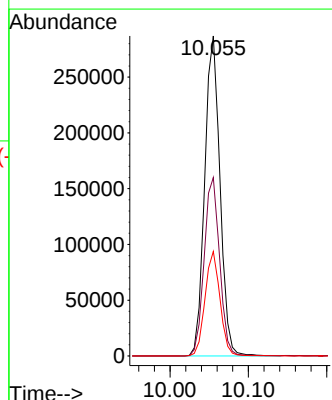
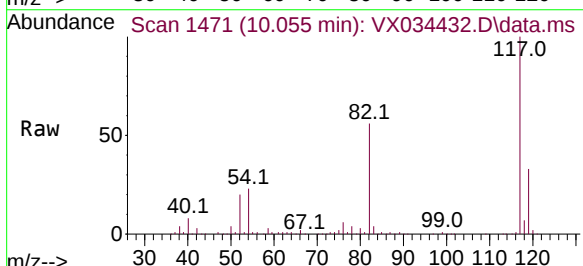
Tgt Ion: 117 Resp: 388784

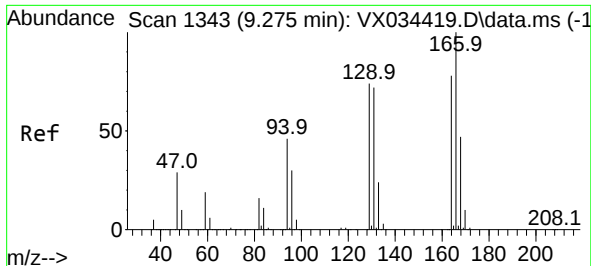
Ion Ratio Lower Upper

117 100

82 55.8 45.0 67.4

119 32.6 26.0 39.0

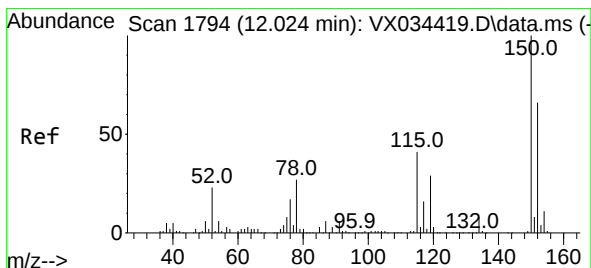
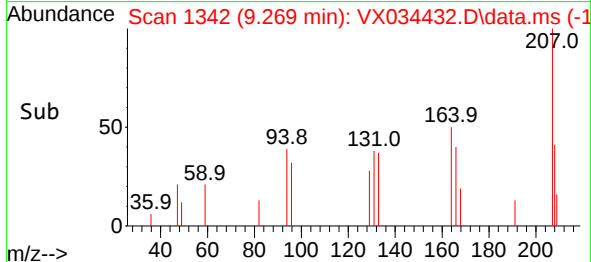
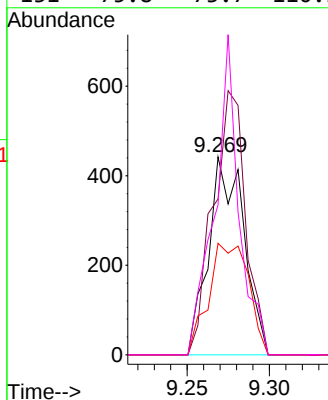
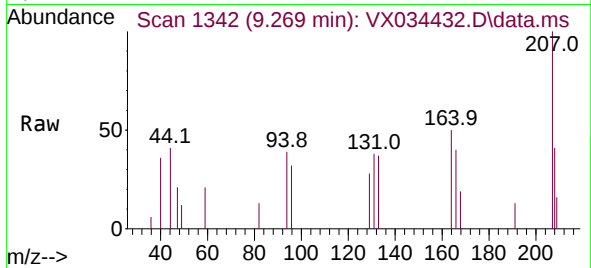




#64
Tetrachloroethene
Concen: 0.252 ug/l
RT: 9.269 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX034432.D
Acq: 13 Mar 2023 15:01

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:164 Resp: 659
Ion Ratio Lower Upper
164 100
166 78.7 102.7 154.1#
129 56.3 75.6 113.4#
131 75.8 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: VX034432.D
Acq: 13 Mar 2023 15:01

Tgt Ion:152 Resp: 170082
Ion Ratio Lower Upper
152 100
115 58.9 45.0 135.0
150 154.1 0.0 352.4

