

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031423\
 Data File : VX034461.D
 Acq On : 14 Mar 2023 13:46
 Operator : JC/MD
 Sample : 01880-01DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE115D1-20230309DL

Quant Time: Mar 15 06:40:22 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)

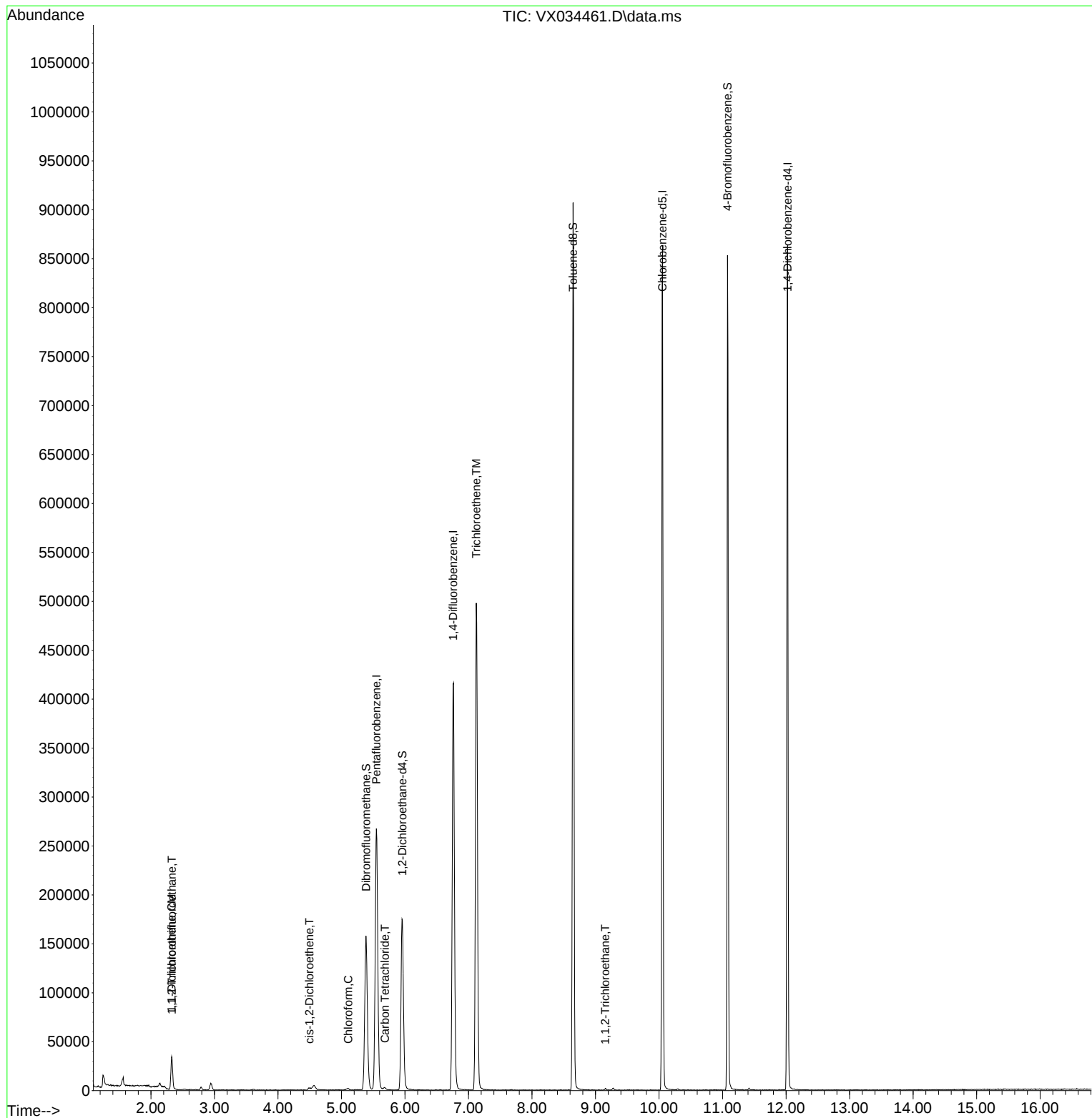
Internal Standards						
1) Pentafluorobenzene	5.550	168	255359	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	428888	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	386499	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	176087	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	166937	44.936	ug/l	0.01
Spiked Amount 50.000	Range 78 - 117		Recovery =	89.880%		
35) Dibromofluoromethane	5.385	113	133645	47.196	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.400%		
50) Toluene-d8	8.647	98	520061	49.197	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.400%		
62) 4-Bromofluorobenzene	11.079	95	227562	53.295	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	106.580%		
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.331	101	9447	3.328	ug/l	95
12) 1,1-Dichloroethene	2.325	96	4114	1.472	ug/l	91
27) cis-1,2-Dichloroethene	4.495	96	1602	0.448	ug/l	98
30) Chloroform	5.105	83	2135	0.375	ug/l #	76
38) Carbon Tetrachloride	5.684	117	1863	0.431	ug/l	94
44) Trichloroethene	7.123	130	193990	58.680	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	654	0.209	ug/l #	70

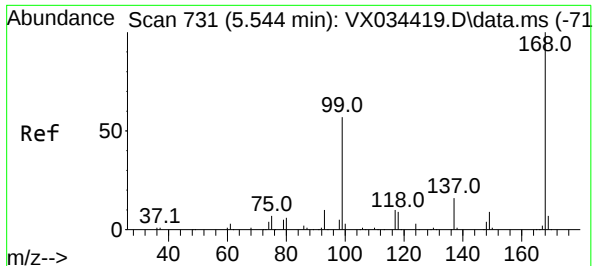
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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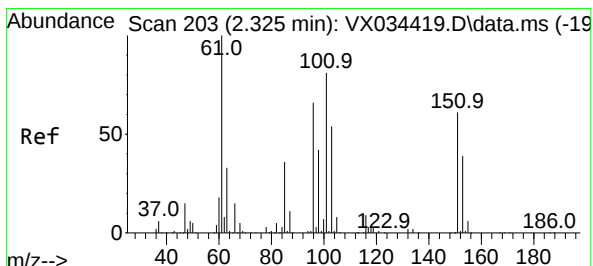
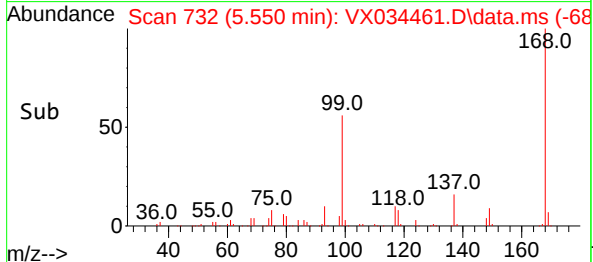
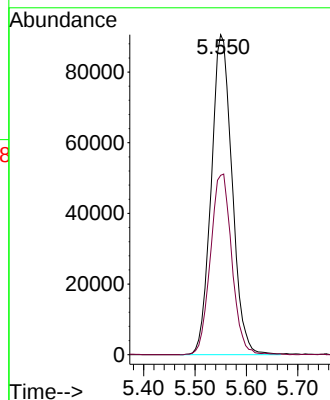
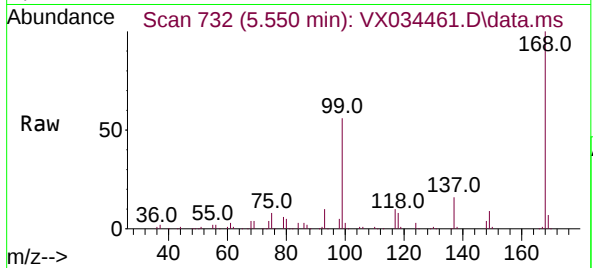




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034461.D
Acq: 14 Mar 2023 13:46

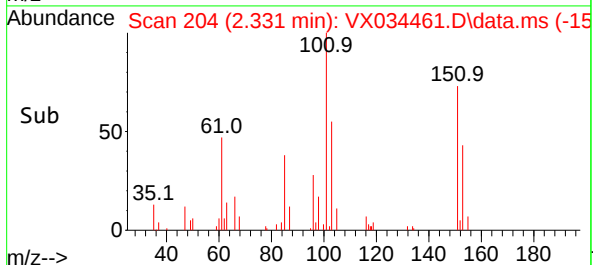
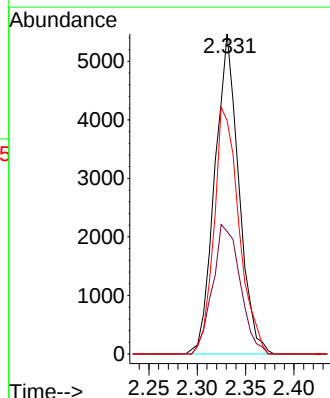
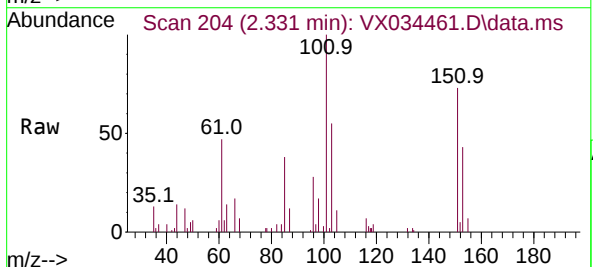
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MSVOA_X
ClientSampleId :
RE115D1-20230309DL

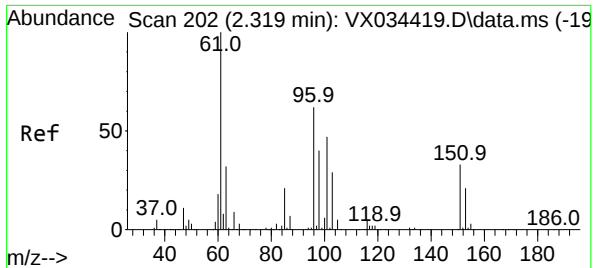
Tgt Ion:168 Resp: 255359
Ion Ratio Lower Upper
168 100
99 56.0 45.7 68.5



#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.328 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX034461.D
Acq: 14 Mar 2023 13:46

Tgt Ion:101 Resp: 9447
Ion Ratio Lower Upper
101 100
85 46.2 35.4 53.2
151 80.0 60.2 90.4

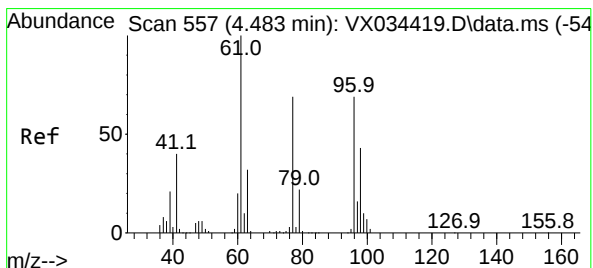
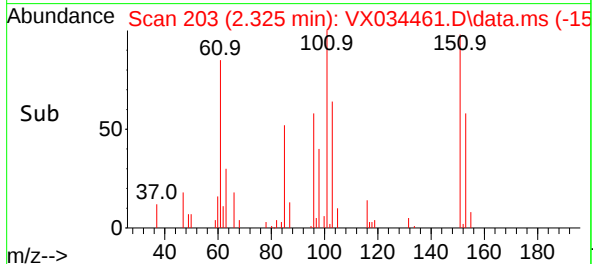
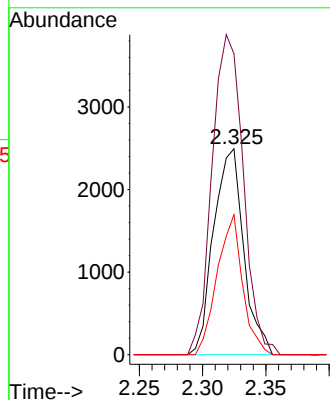
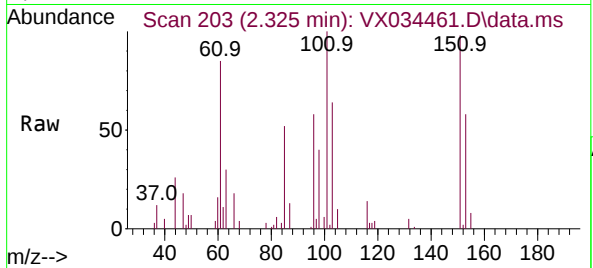




#12
1,1-Dichloroethene
Concen: 1.472 ug/l
RT: 2.325 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX034461.D
Acq: 14 Mar 2023 13:46

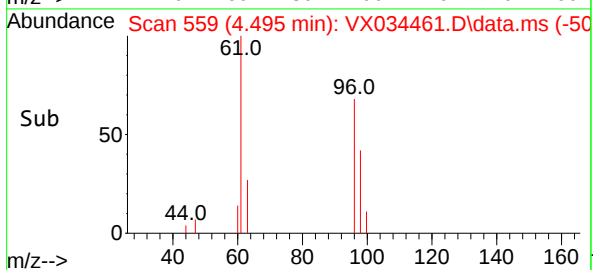
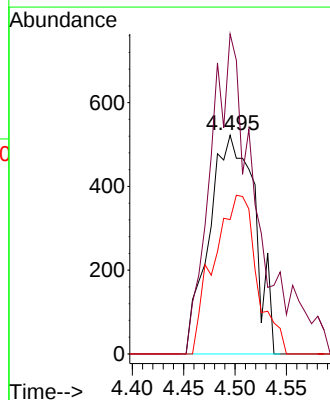
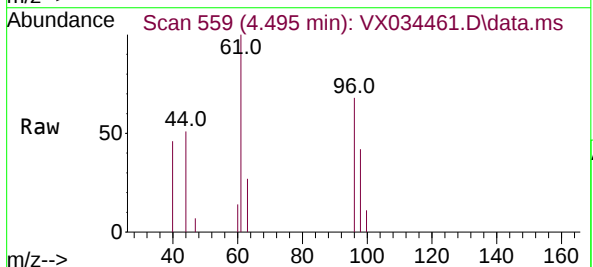
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MSVOA_X
ClientSampleId :
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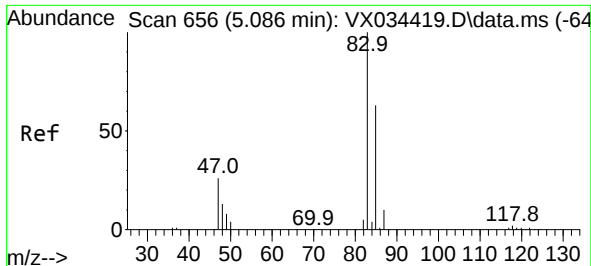
Tgt Ion: 96 Resp: 4114
Ion Ratio Lower Upper
96 100
61 146.2 128.8 193.2
98 68.0 51.4 77.0



#27
cis-1,2-Dichloroethene
Concen: 0.448 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.012 min
Lab File: VX034461.D
Acq: 14 Mar 2023 13:46

Tgt Ion: 96 Resp: 1602
Ion Ratio Lower Upper
96 100
61 151.1 0.0 300.4
98 69.0 0.0 129.0





#30

Chloroform

Concen: 0.375 ug/l

RT: 5.105 min Scan# 61

Delta R.T. 0.018 min

Lab File: VX034461.D

Acq: 14 Mar 2023 13:46

Instrument :

MSVOA_X

ClientSampleId :

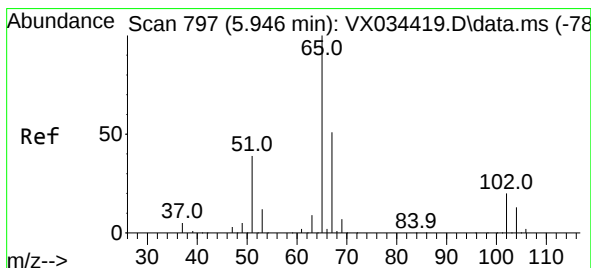
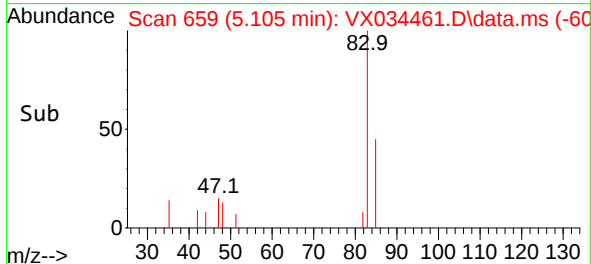
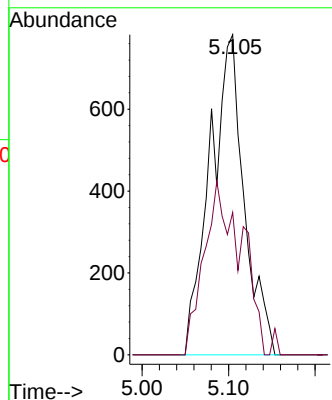
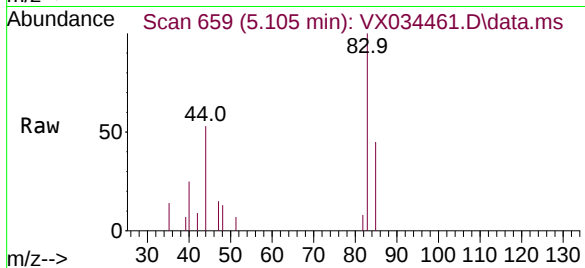
RE115D1-20230309DL

Tgt Ion: 83 Resp: 2135

Ion Ratio Lower Upper

83 100

85 44.5 50.6 76.0#



#33

1,2-Dichloroethane-d4

Concen: 44.936 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.012 min

Lab File: VX034461.D

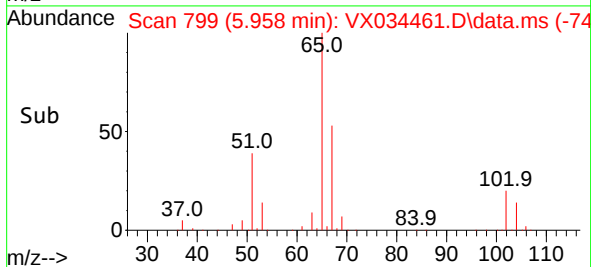
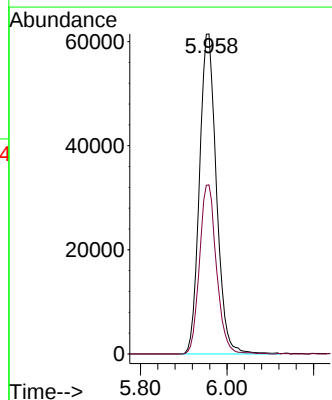
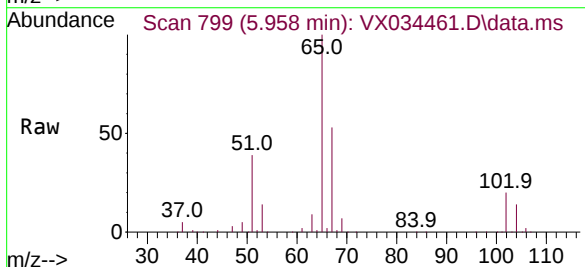
Acq: 14 Mar 2023 13:46

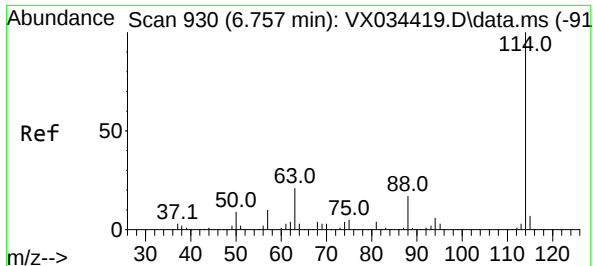
Tgt Ion: 65 Resp: 166937

Ion Ratio Lower Upper

65 100

67 52.9 0.0 104.0

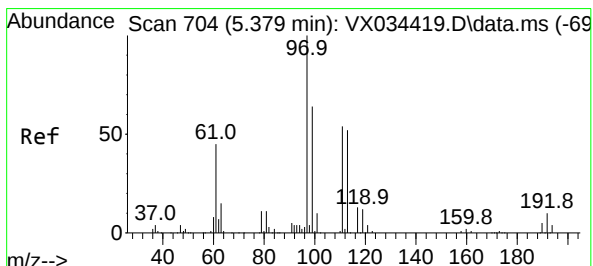
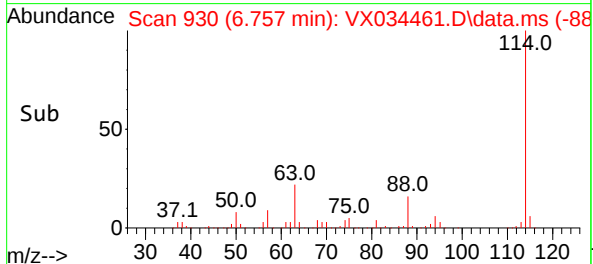
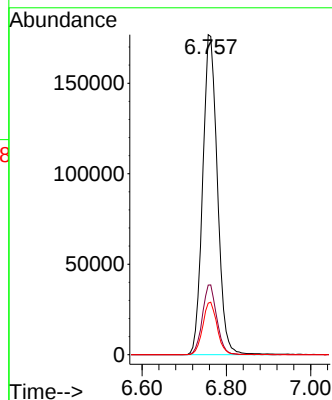
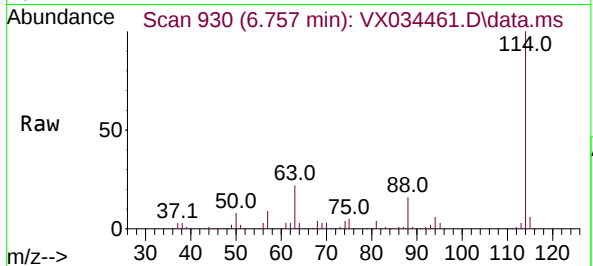




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX034461.D
Acq: 14 Mar 2023 13:46

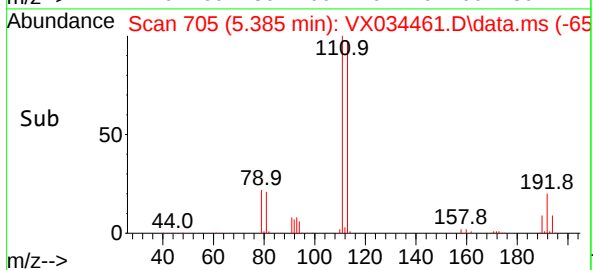
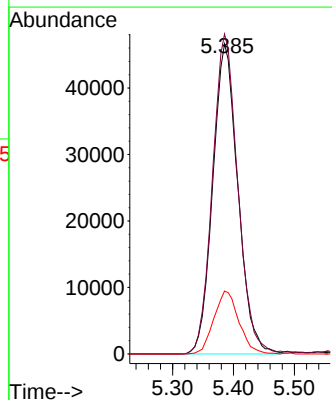
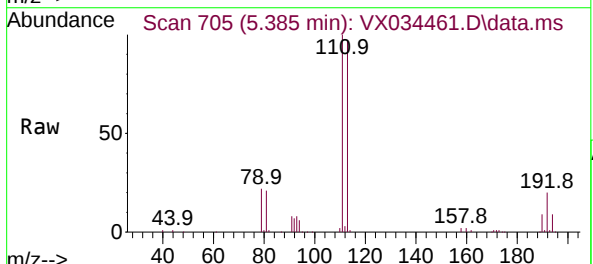
Instrument :
MSVOA_X
ClientSampleId :
RE115D1-20230309DL

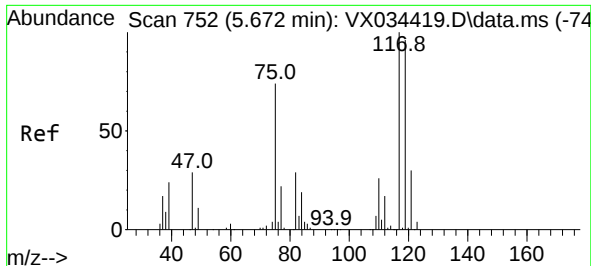
Tgt Ion:114 Resp: 428888
Ion Ratio Lower Upper
114 100
63 21.8 0.0 42.2
88 16.1 0.0 33.2



#35
Dibromofluoromethane
Concen: 47.196 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX034461.D
Acq: 14 Mar 2023 13:46

Tgt Ion:113 Resp: 133645
Ion Ratio Lower Upper
113 100
111 104.3 83.7 125.5
192 20.2 15.4 23.2

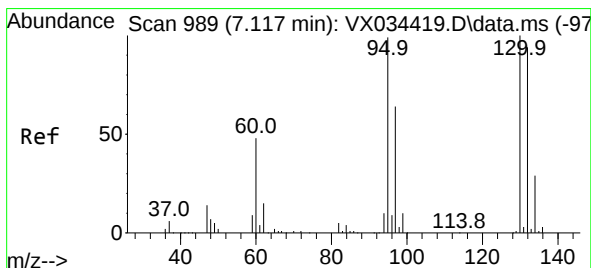
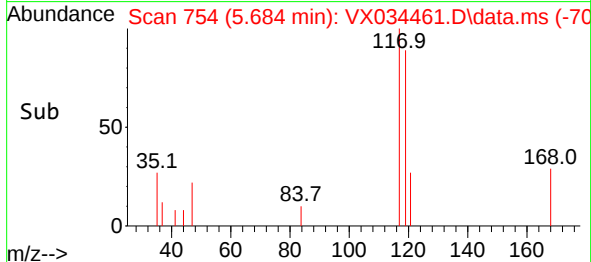
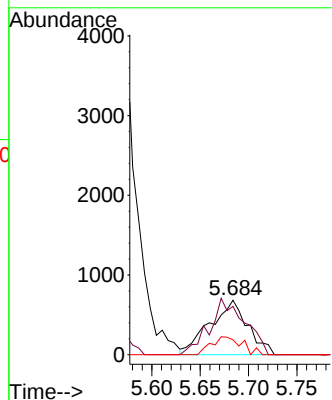
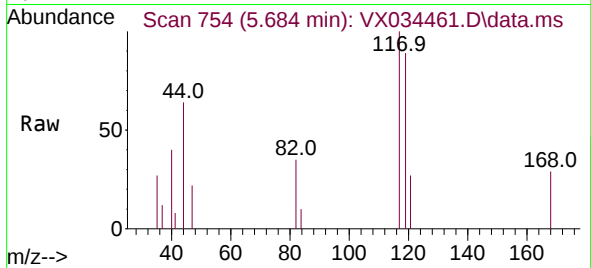




#38
Carbon Tetrachloride
Concen: 0.431 ug/l
RT: 5.684 min Scan# 71
Delta R.T. 0.012 min
Lab File: VX034461.D
Acq: 14 Mar 2023 13:46

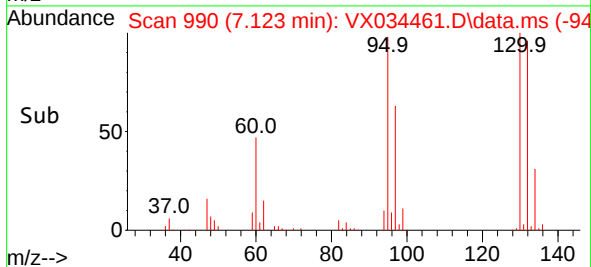
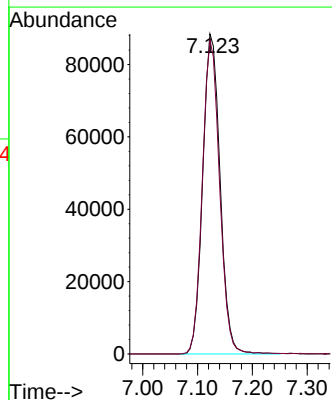
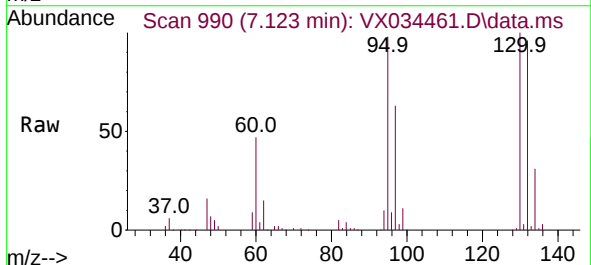
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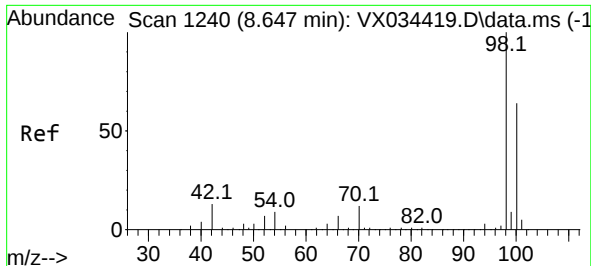
Tgt Ion:117 Resp: 1863
Ion Ratio Lower Upper
117 100
119 88.7 76.6 114.8
121 27.4 23.8 35.6



#44
Trichloroethene
Concen: 58.680 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.006 min
Lab File: VX034461.D
Acq: 14 Mar 2023 13:46

Tgt Ion:130 Resp: 193990
Ion Ratio Lower Upper
130 100
95 97.9 0.0 198.4

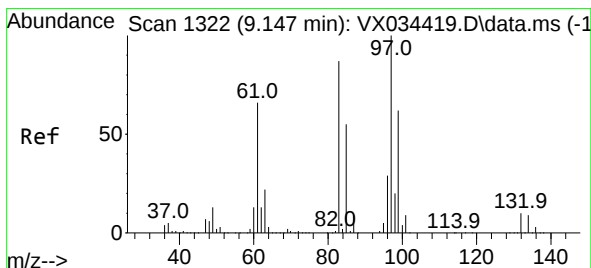
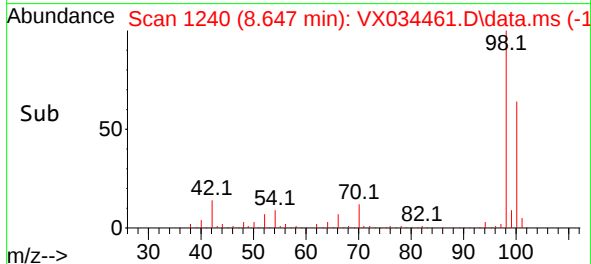
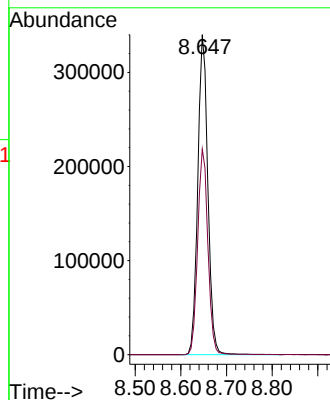
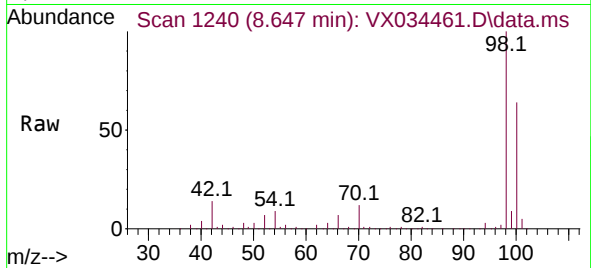




#50
Toluene-d8
Concen: 49.197 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034461.D
Acq: 14 Mar 2023 13:46

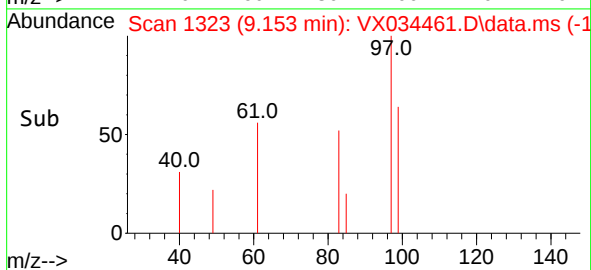
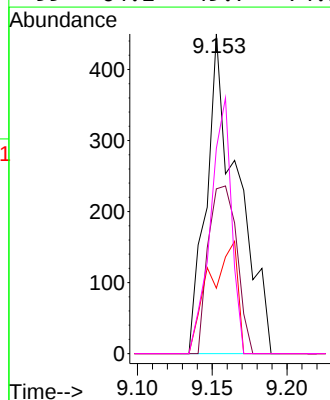
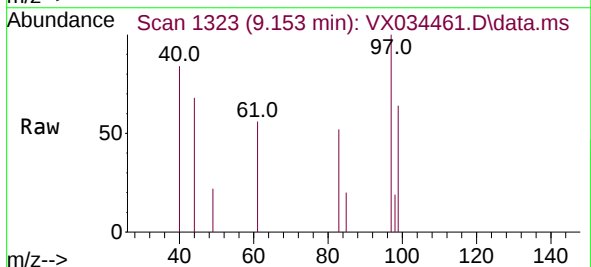
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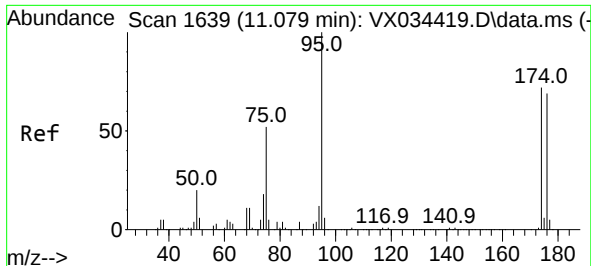
Tgt Ion: 98 Resp: 520061
Ion Ratio Lower Upper
98 100
100 65.2 52.5 78.7



#55
1,1,2-Trichloroethane
Concen: 0.209 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.006 min
Lab File: VX034461.D
Acq: 14 Mar 2023 13:46

Tgt Ion: 97 Resp: 654
Ion Ratio Lower Upper
97 100
83 51.6 69.7 104.5#
85 20.4 43.7 65.5#
99 64.2 49.7 74.5

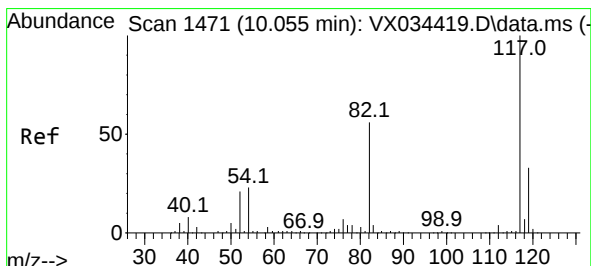
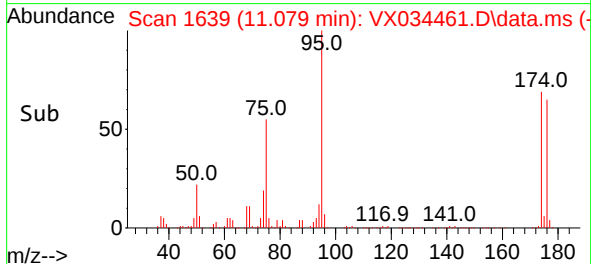
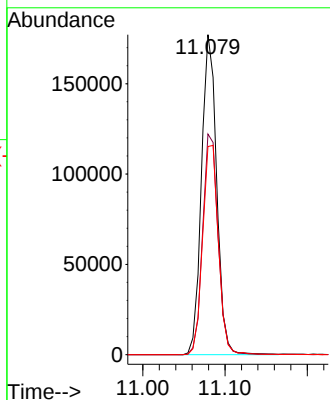
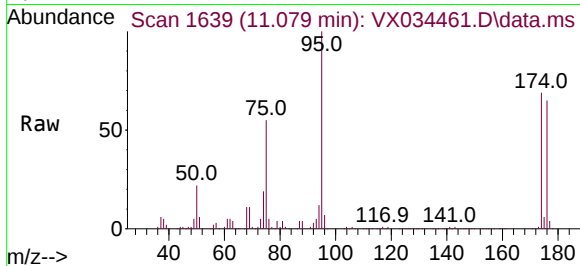




#62
4-Bromofluorobenzene
Concen: 53.295 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034461.D
Acq: 14 Mar 2023 13:46

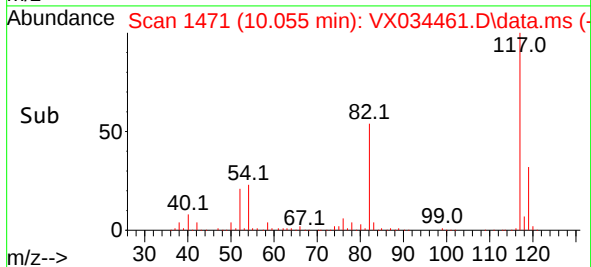
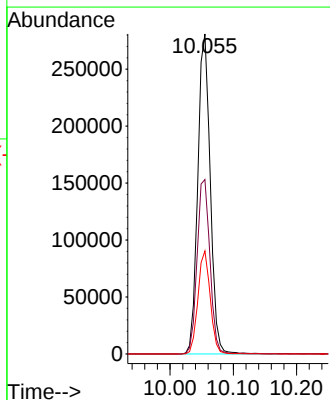
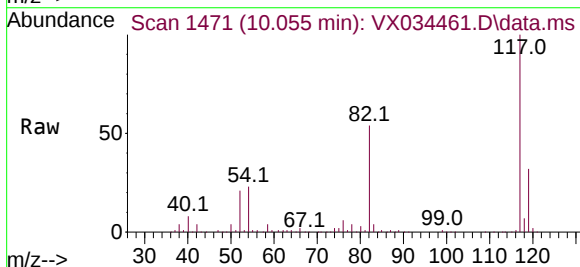
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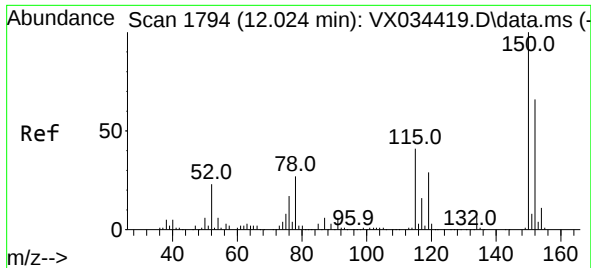
Tgt Ion: 95 Resp: 227562
Ion Ratio Lower Upper
95 100
174 70.1 0.0 147.4
176 68.1 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034461.D
Acq: 14 Mar 2023 13:46

Tgt Ion: 117 Resp: 386499
Ion Ratio Lower Upper
117 100
82 54.5 45.0 67.4
119 32.2 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: VX034461.D

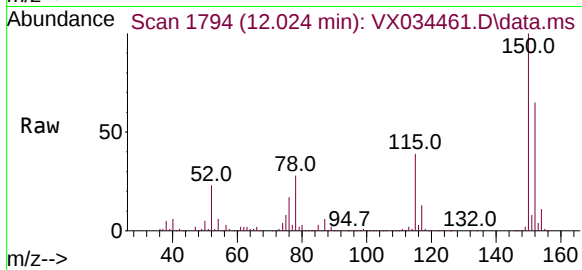
Acq: 14 Mar 2023 13:46

Instrument :

MSVOA_X

ClientSampleId :

RE115D1-20230309DL



Tgt Ion:152 Resp: 176087

Ion Ratio Lower Upper

152 100

115 62.4 45.0 135.0

150 156.7 0.0 352.4

