

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031325\
 Data File : VX045282.D
 Acq On : 13 Mar 2025 20:12
 Operator : JC/MD
 Sample : Q1559-20
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE120D1-20250312

Quant Time: Mar 14 12:30:37 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

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

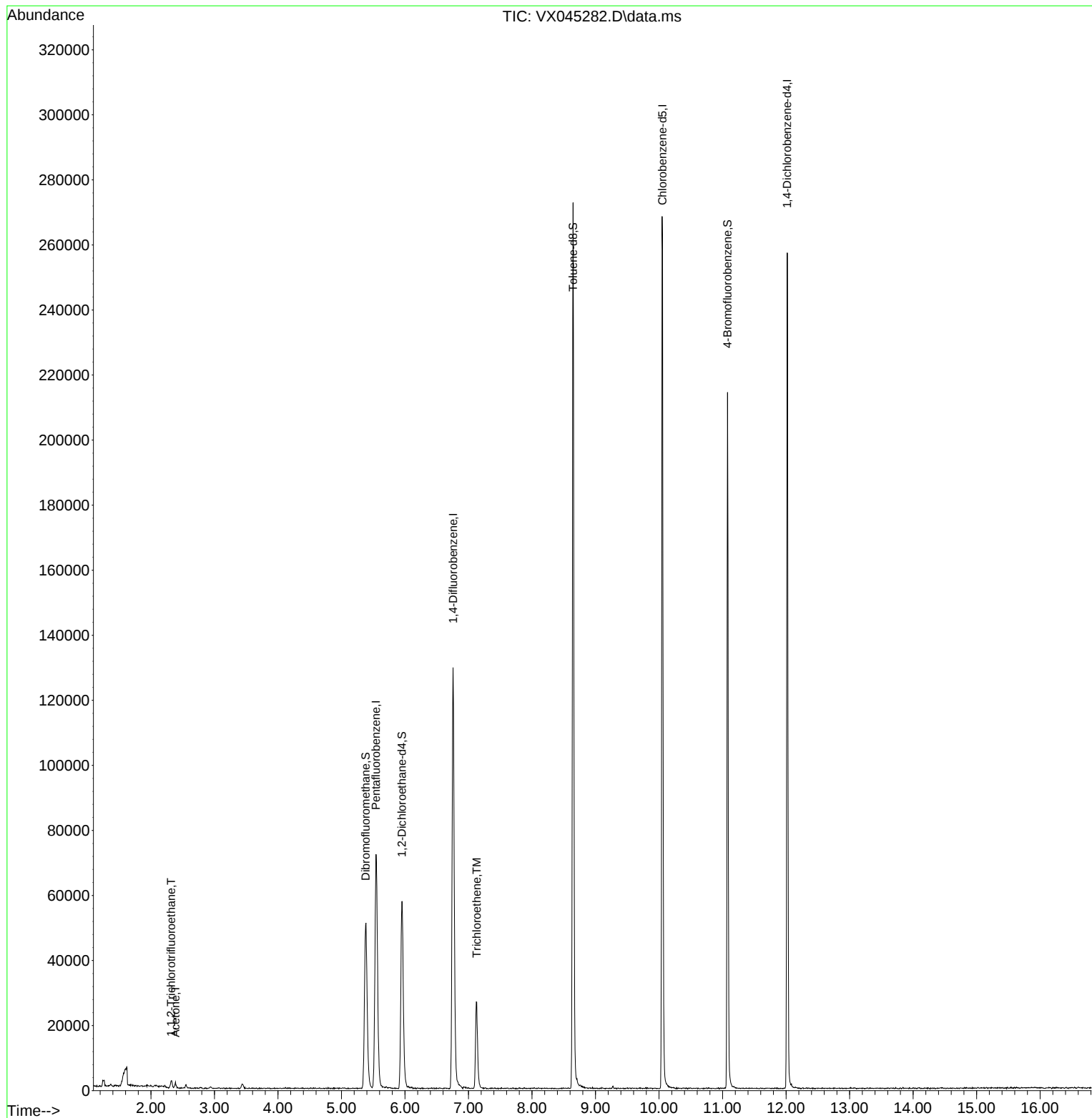
Internal Standards						
1) Pentafluorobenzene	5.544	168	64110	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	125932	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	116455	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	49199	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	56440	55.346	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 110.700%	
35) Dibromofluoromethane	5.379	113	44382	52.706	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.420%	
50) Toluene-d8	8.647	98	156681	51.323	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.640%	
62) 4-Bromofluorobenzene	11.079	95	54299	53.676	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 107.360%	
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.318	101	1054	1.415	ug/l	95
16) Acetone	2.386	43	1457	3.079	ug/l	91
44) Trichloroethene	7.129	130	10603	12.383	ug/l	90

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

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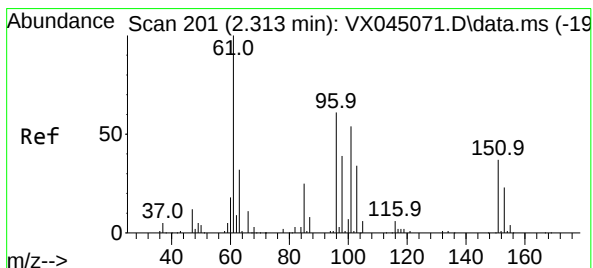
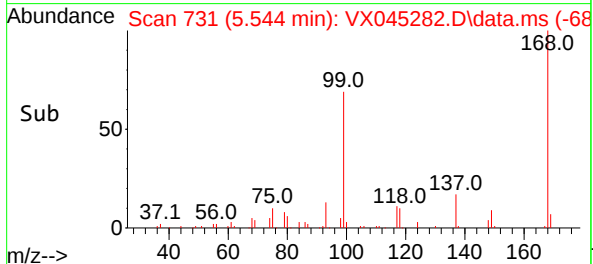
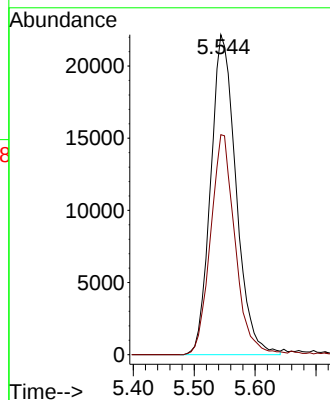
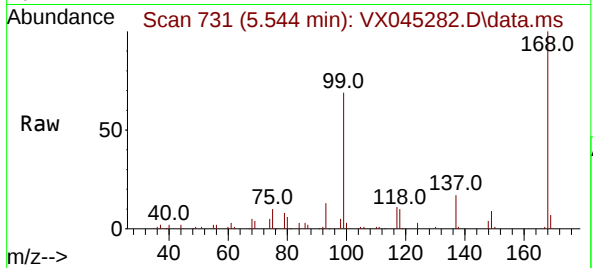




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045282.D
Acq: 13 Mar 2025 20:12

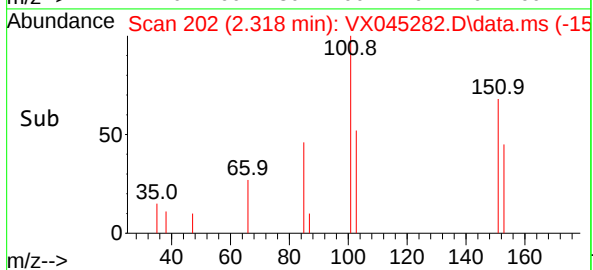
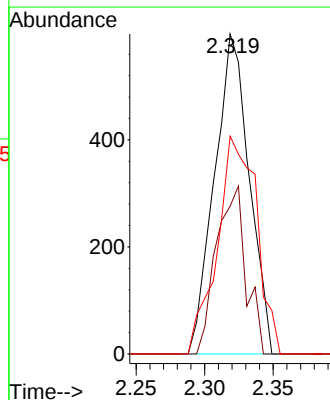
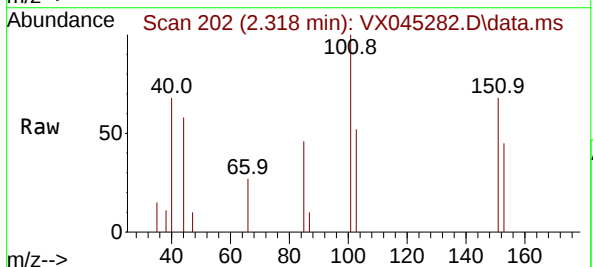
Instrument :
MSVOA_X
ClientSampleId :
RE120D1-20250312

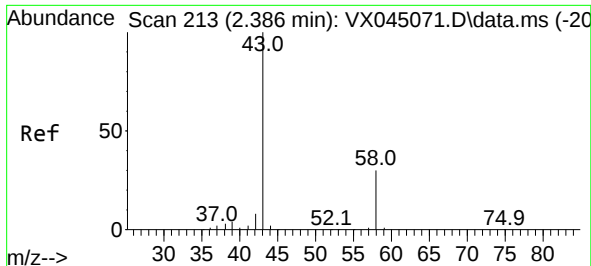
Tgt Ion:168 Resp: 64110
Ion Ratio Lower Upper
168 100
99 68.7 48.2 72.4



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.415 ug/l
RT: 2.318 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX045282.D
Acq: 13 Mar 2025 20:12

Tgt Ion:101 Resp: 1054
Ion Ratio Lower Upper
101 100
85 44.7 36.2 54.4
151 76.9 56.4 84.6

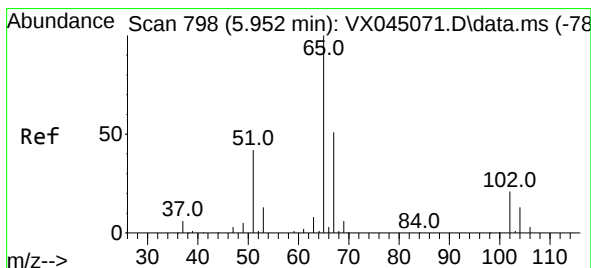
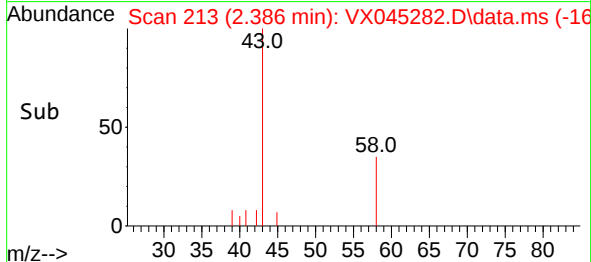
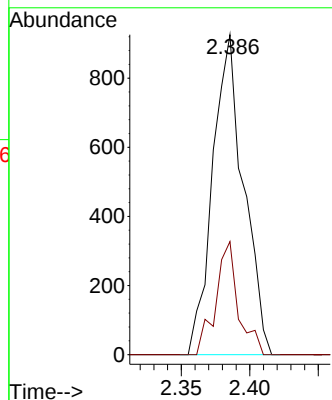
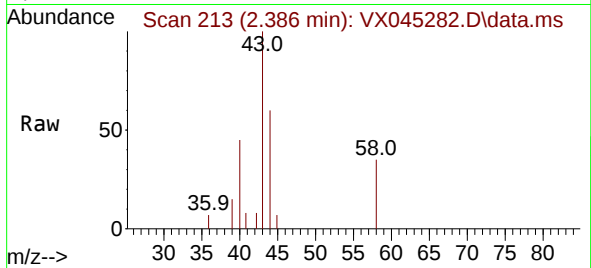




#16
Acetone
Concen: 3.079 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX045282.D
Acq: 13 Mar 2025 20:12

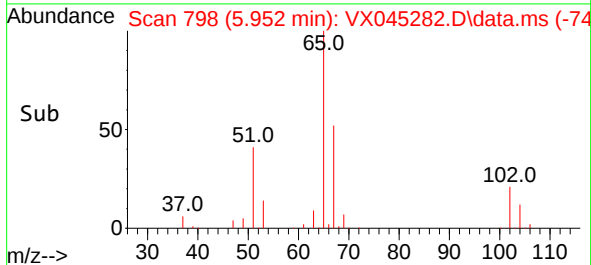
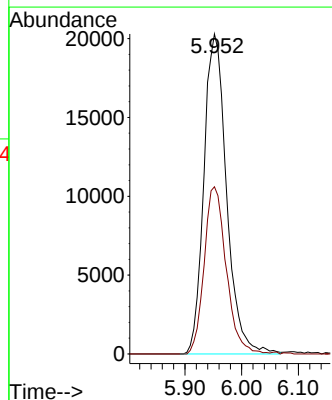
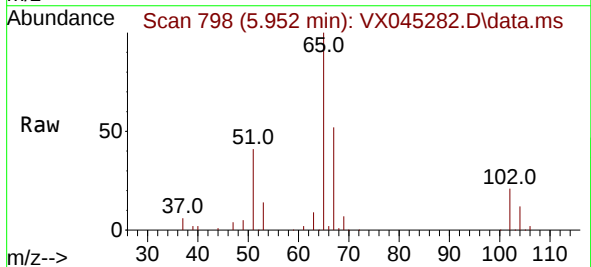
Instrument :
MSVOA_X
ClientSampleId :
RE120D1-20250312

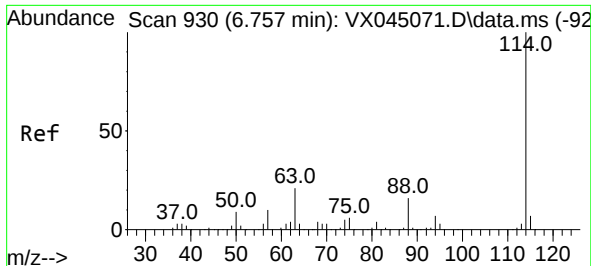
Tgt Ion: 43 Resp: 1457
Ion Ratio Lower Upper
43 100
58 35.3 24.2 36.4



#33
1,2-Dichloroethane-d4
Concen: 55.346 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045282.D
Acq: 13 Mar 2025 20:12

Tgt Ion: 65 Resp: 56440
Ion Ratio Lower Upper
65 100
67 50.7 0.0 106.2

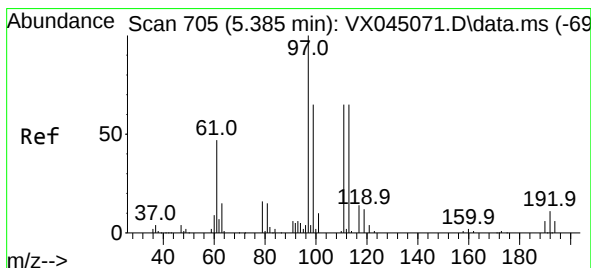
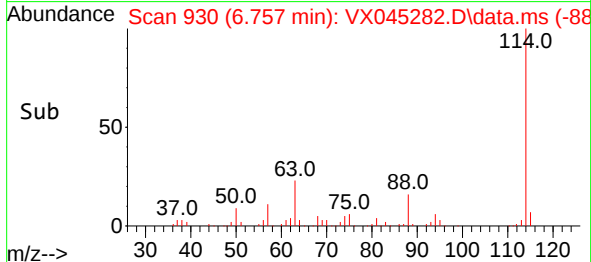
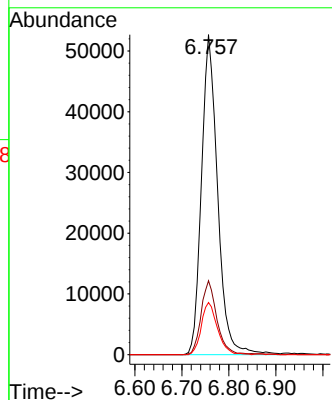
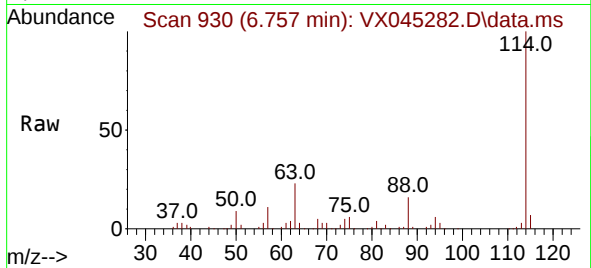




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045282.D
Acq: 13 Mar 2025 20:12

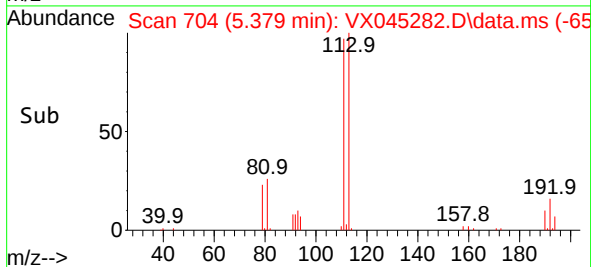
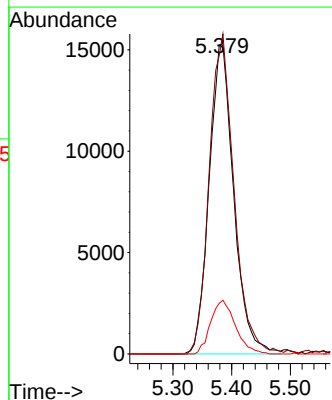
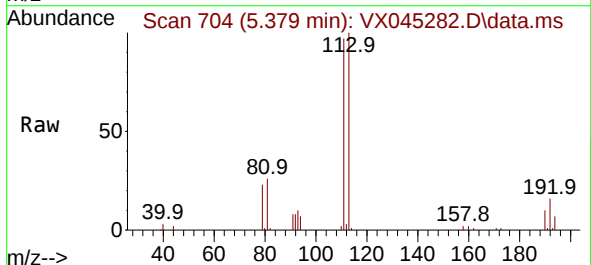
Instrument :
MSVOA_X
ClientSampleId :
RE120D1-20250312

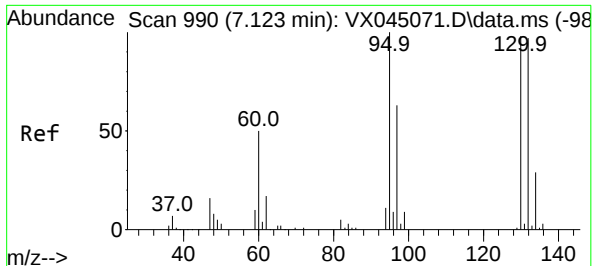
Tgt Ion:114 Resp: 125932
Ion Ratio Lower Upper
114 100
63 23.1 0.0 41.8
88 16.3 0.0 32.8



#35
Dibromofluoromethane
Concen: 52.706 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX045282.D
Acq: 13 Mar 2025 20:12

Tgt Ion:113 Resp: 44382
Ion Ratio Lower Upper
113 100
111 103.9 81.8 122.6
192 17.5 14.3 21.5

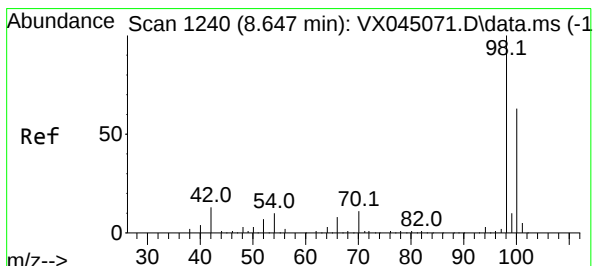
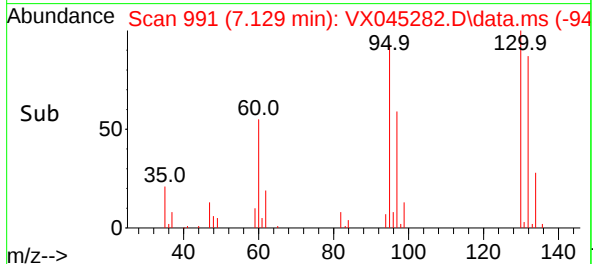
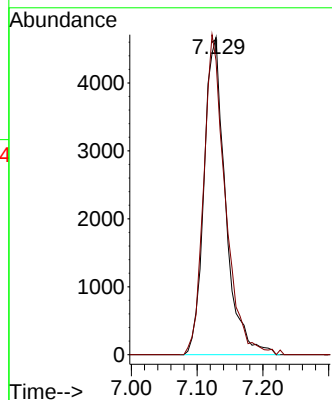
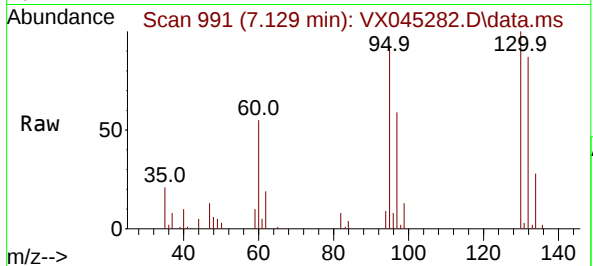




#44
 Trichloroethene
 Concen: 12.383 ug/l
 RT: 7.129 min Scan# 991
 Delta R.T. 0.006 min
 Lab File: VX045282.D
 Acq: 13 Mar 2025 20:12

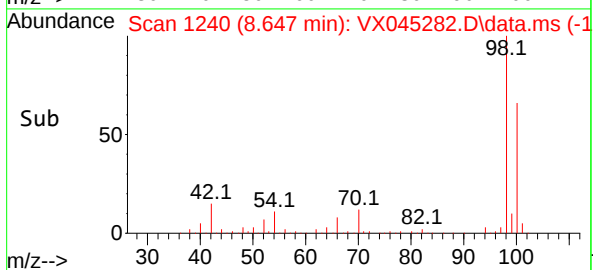
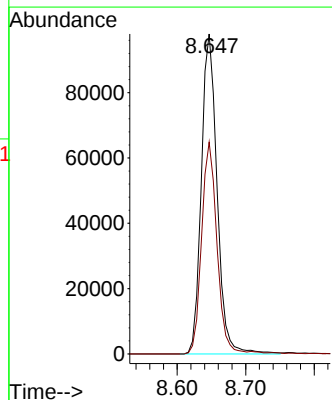
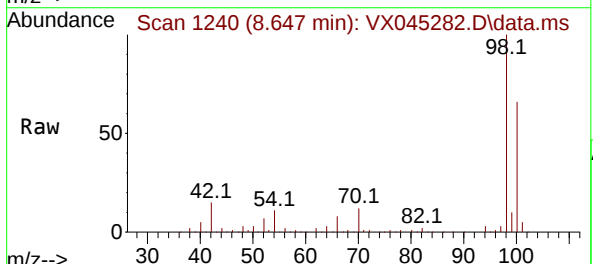
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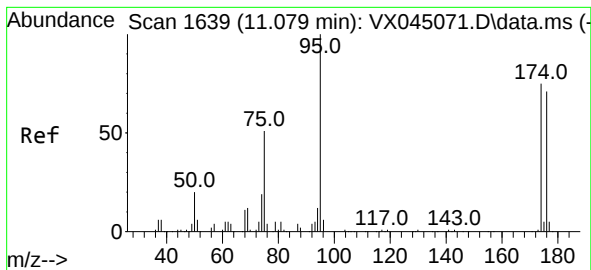
Tgt Ion:130 Resp: 10603
 Ion Ratio Lower Upper
 130 100
 95 92.7 0.0 205.0



#50
 Toluene-d8
 Concen: 51.323 ug/l
 RT: 8.647 min Scan# 1240
 Delta R.T. -0.000 min
 Lab File: VX045282.D
 Acq: 13 Mar 2025 20:12

Tgt Ion: 98 Resp: 156681
 Ion Ratio Lower Upper
 98 100
 100 65.5 52.0 78.0

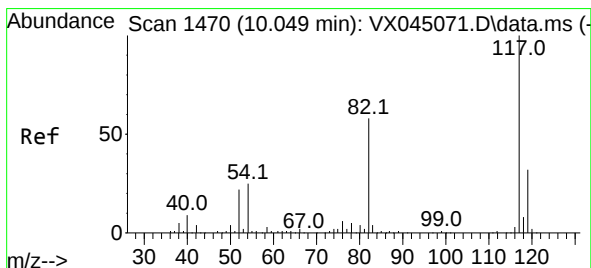
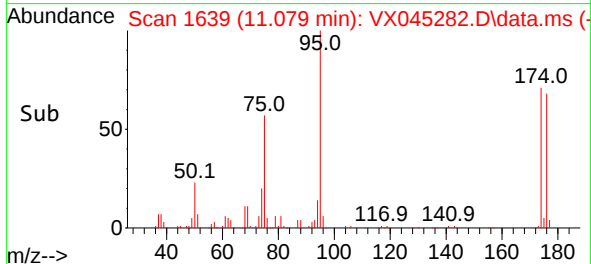
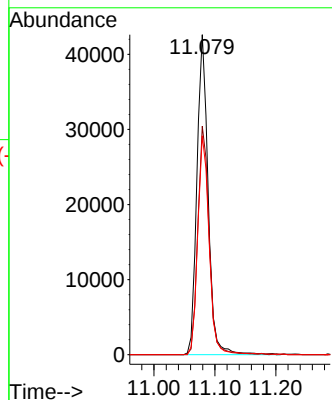
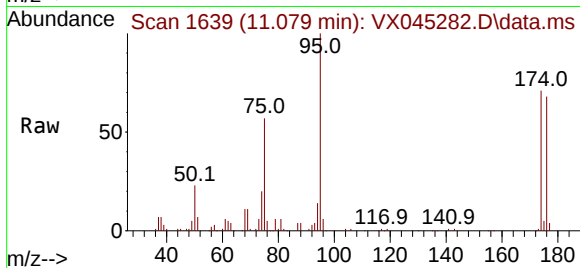




#62
4-Bromofluorobenzene
Concen: 53.676 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045282.D
Acq: 13 Mar 2025 20:12

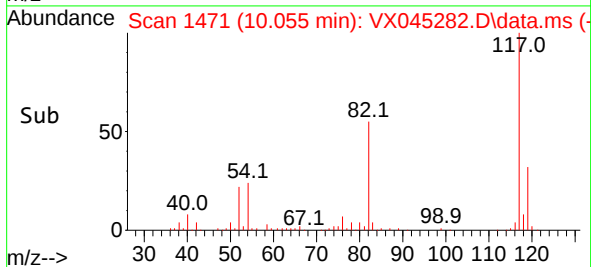
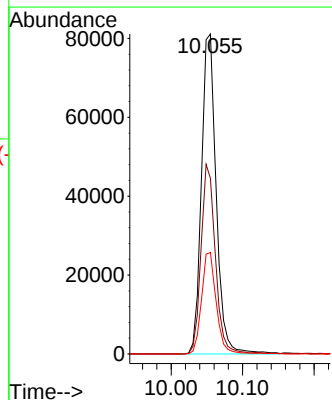
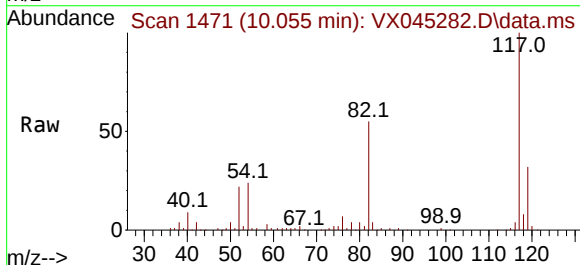
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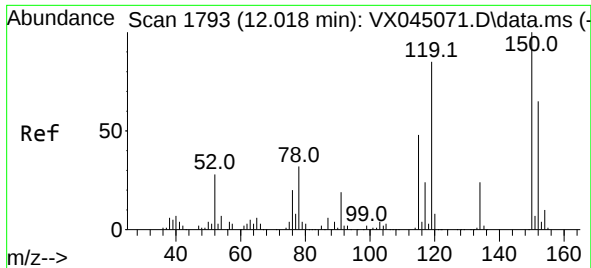
Tgt Ion: 95 Resp: 54299
Ion Ratio Lower Upper
95 100
174 72.4 0.0 148.2
176 69.1 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX045282.D
Acq: 13 Mar 2025 20:12

Tgt Ion: 117 Resp: 116455
Ion Ratio Lower Upper
117 100
82 54.9 46.3 69.5
119 31.7 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX045282.D

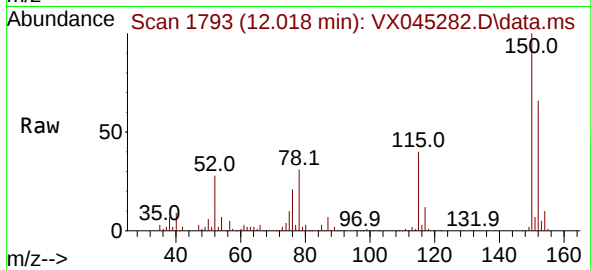
Acq: 13 Mar 2025 20:12

Instrument :

MSVOA_X

ClientSampleId :

RE120D1-20250312



Tgt Ion:152 Resp: 49199

Ion Ratio Lower Upper

152 100

115 61.6 44.2 132.6

150 155.9 0.0 349.0

