

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031325\
 Data File : VX045262.D
 Acq On : 13 Mar 2025 12:27
 Operator : JC/MD
 Sample : Q1559-02 40X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE115D2-20250310

Quant Time: Mar 14 12:50:44 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)

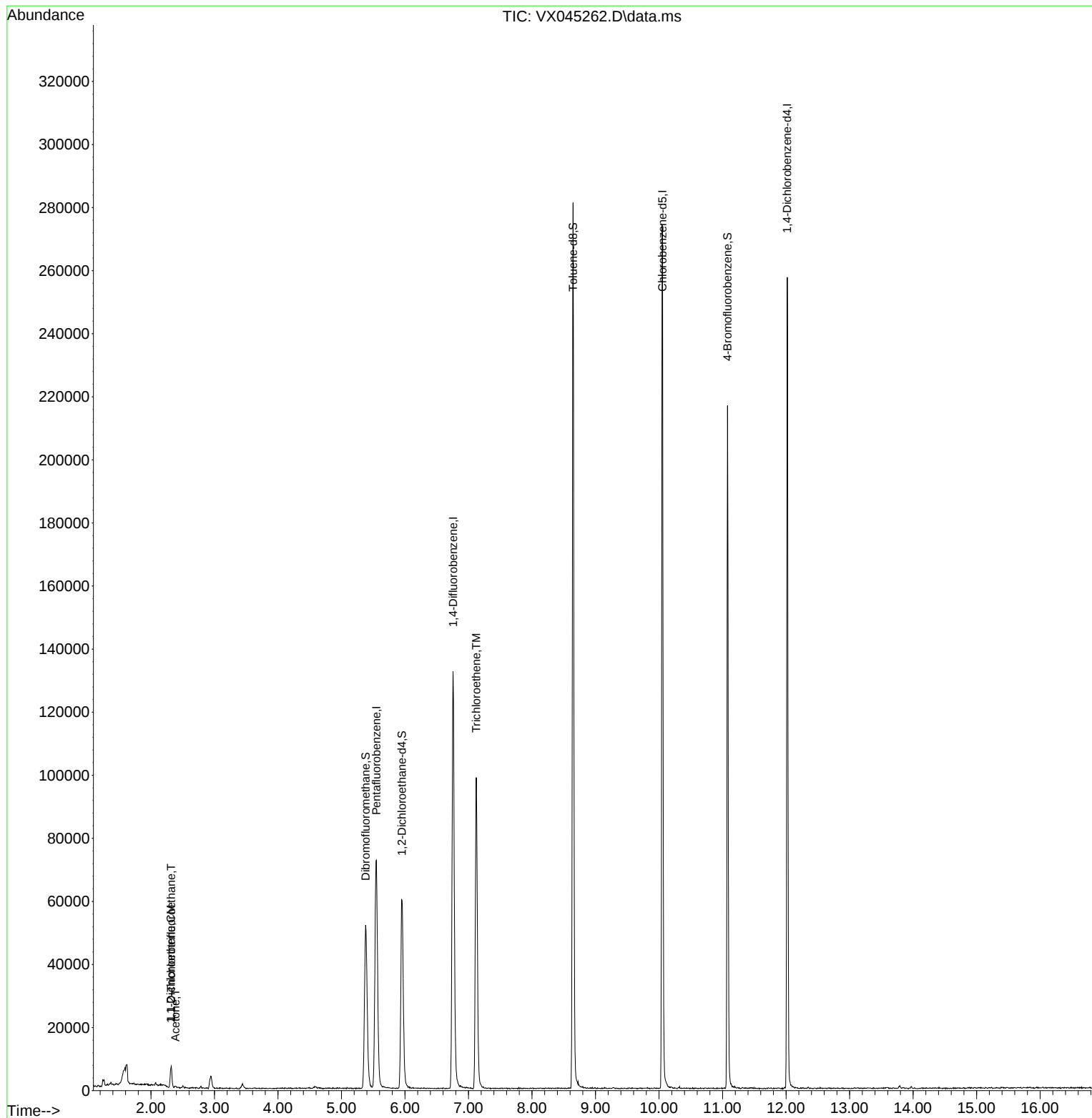
Internal Standards						
1) Pentafluorobenzene	5.550	168	67039	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	131183	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	120316	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	49080	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	56879	53.340	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.680%	
35) Dibromofluoromethane	5.379	113	45848	52.267	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.540%	
50) Toluene-d8	8.647	98	163846	51.522	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.040%	
62) 4-Bromofluorobenzene	11.079	95	55976	53.119	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 106.240%	
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.319	101	1760	2.259	ug/l	95
12) 1,1-Dichloroethene	2.313	96	979	1.188	ug/l	90
16) Acetone	2.386	43	538	1.087	ug/l	98
44) Trichloroethene	7.123	130	37602	42.156	ug/l	95

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

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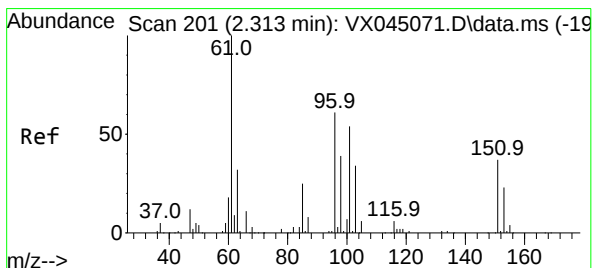
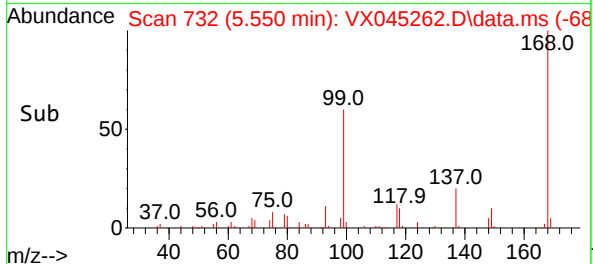
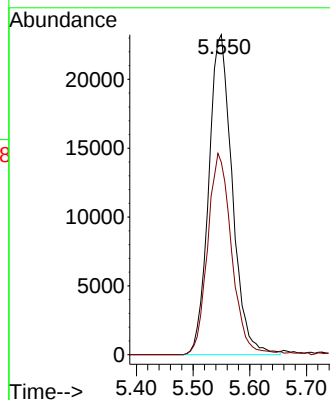
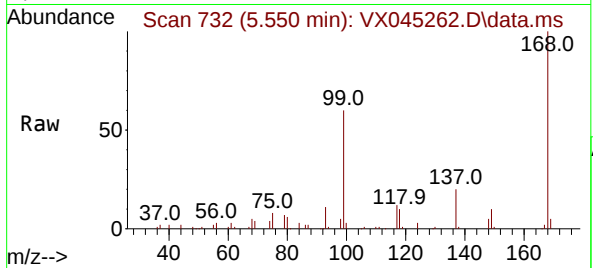




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045262.D
Acq: 13 Mar 2025 12:27

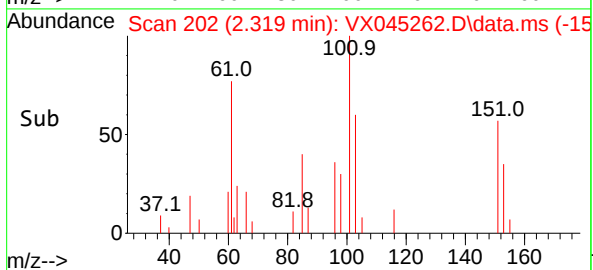
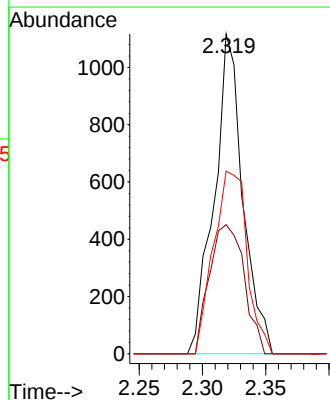
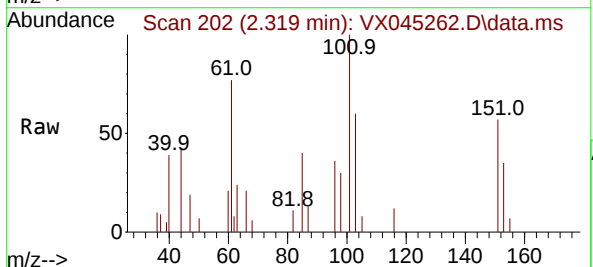
Instrument :
MSVOA_X
ClientSampleId :
RE115D2-20250310

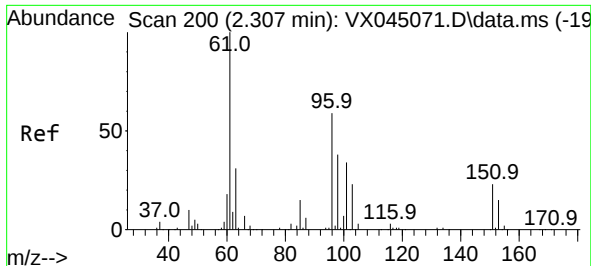
Tgt Ion:168 Resp: 67039
Ion Ratio Lower Upper
168 100
99 60.1 48.2 72.4



#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.259 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX045262.D
Acq: 13 Mar 2025 12:27

Tgt Ion:101 Resp: 1760
Ion Ratio Lower Upper
101 100
85 49.0 36.2 54.4
151 66.9 56.4 84.6





#12

1,1-Dichloroethene

Concen: 1.188 ug/l

RT: 2.313 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX045262.D

Acq: 13 Mar 2025 12:27

Instrument :

MSVOA_X

ClientSampleId :

RE115D2-20250310

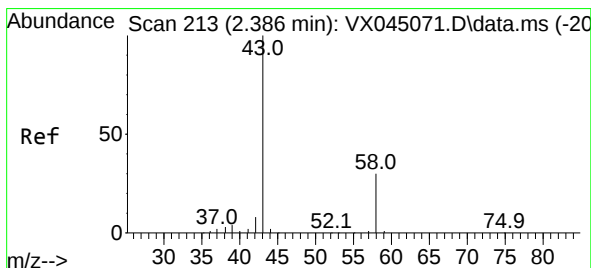
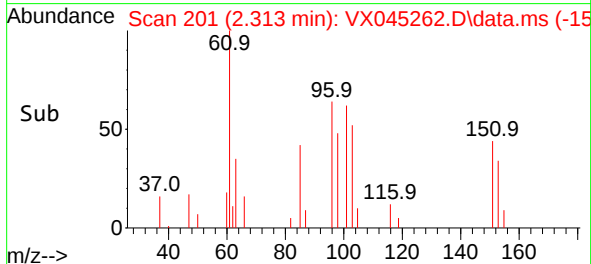
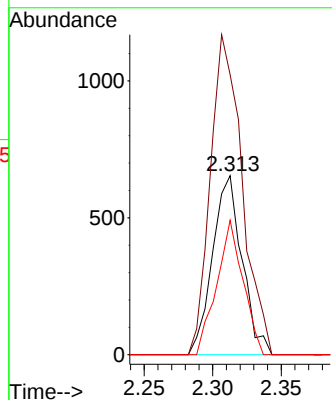
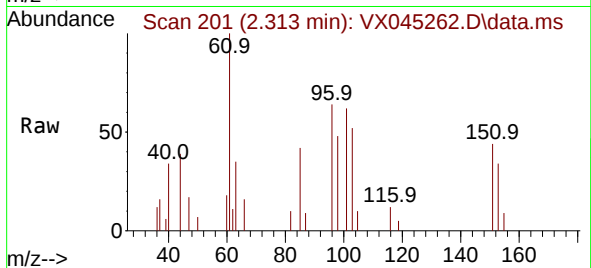
Tgt Ion: 96 Resp: 979

Ion Ratio Lower Upper

96 100

61 156.4 134.6 202.0

98 75.1 51.0 76.6



#16

Acetone

Concen: 1.087 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.000 min

Lab File: VX045262.D

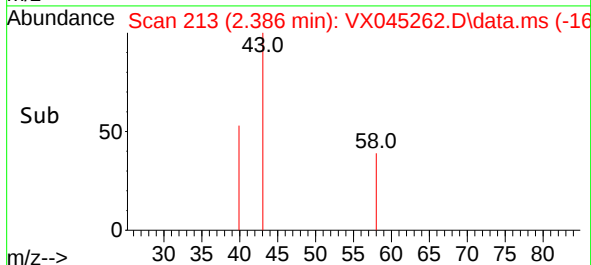
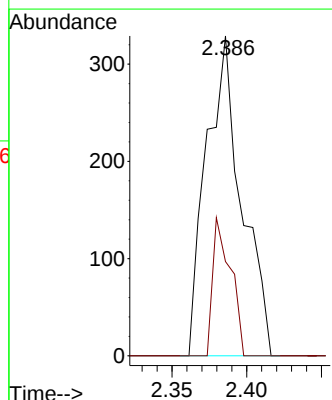
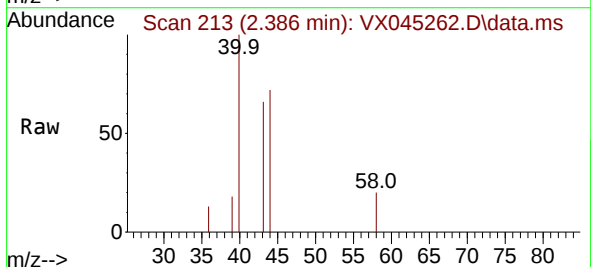
Acq: 13 Mar 2025 12:27

Tgt Ion: 43 Resp: 538

Ion Ratio Lower Upper

43 100

58 29.5 24.2 36.4

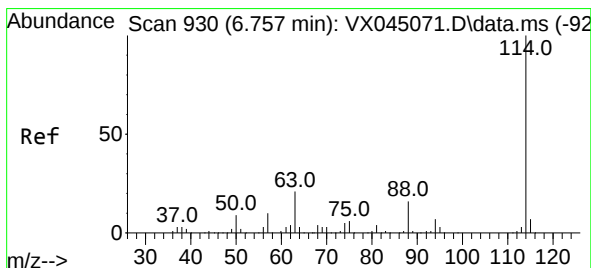
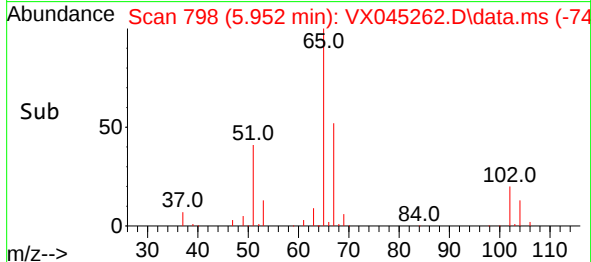
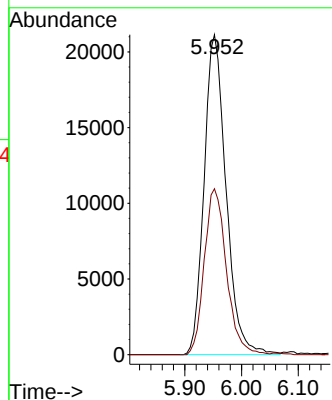
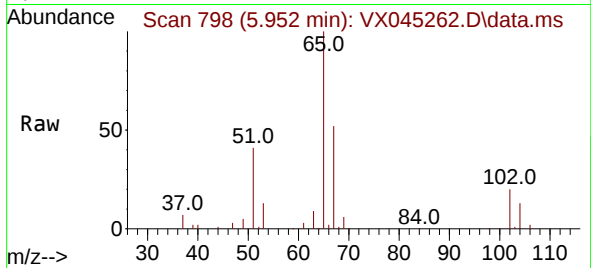




#33
 1,2-Dichloroethane-d4
 Concen: 53.340 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX045262.D
 Acq: 13 Mar 2025 12:27

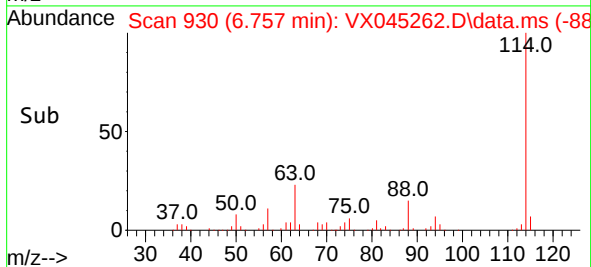
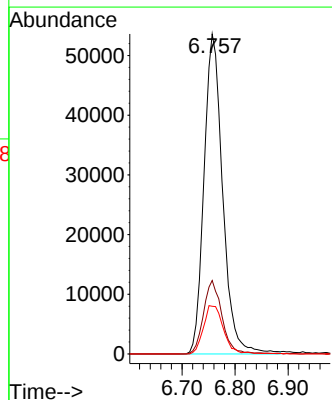
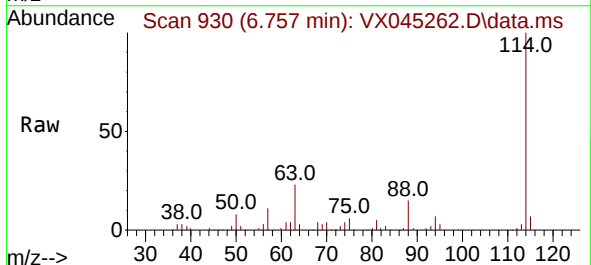
Instrument :
 MSVOA_X
 ClientSampleId :
 RE115D2-20250310

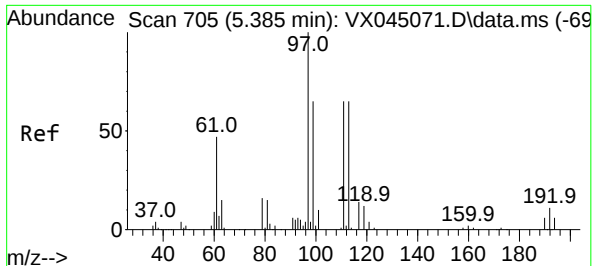
Tgt Ion: 65 Resp: 56879
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. 0.000 min
 Lab File: VX045262.D
 Acq: 13 Mar 2025 12:27

Tgt Ion: 114 Resp: 131183
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 41.8
 88 14.9 0.0 32.8

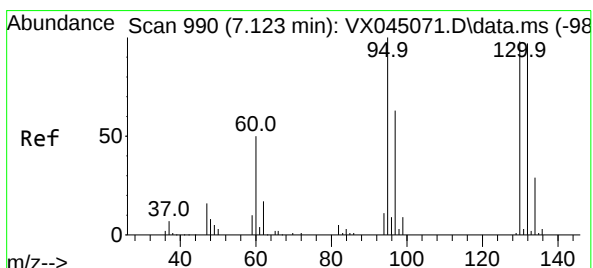
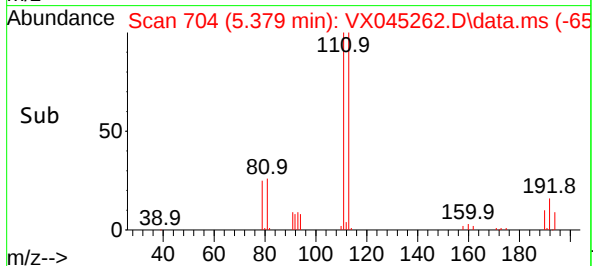
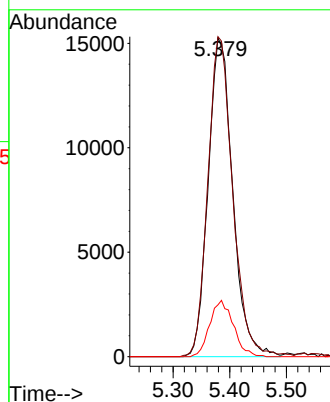
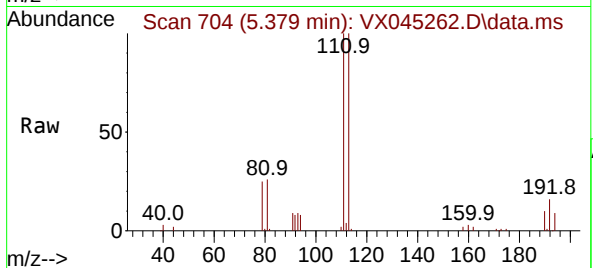




#35
 Dibromofluoromethane
 Concen: 52.267 ug/l
 RT: 5.379 min Scan# 705
 Delta R.T. -0.006 min
 Lab File: VX045262.D
 Acq: 13 Mar 2025 12:27

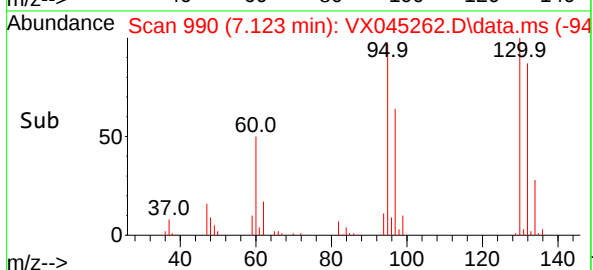
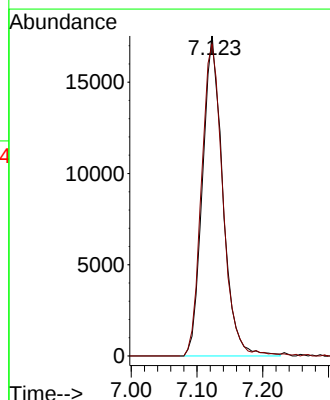
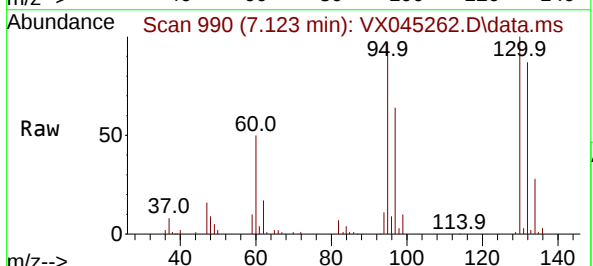
Instrument :
 MSVOA_X
 ClientSampleId :
 RE115D2-20250310

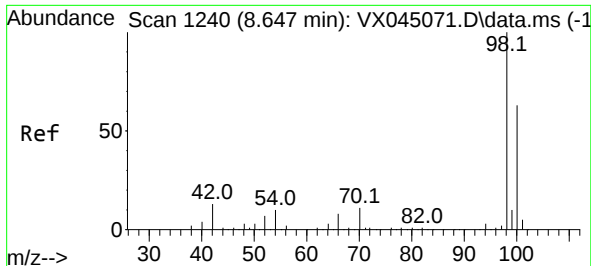
Tgt Ion:113 Resp: 45848
 Ion Ratio Lower Upper
 113 100
 111 101.5 81.8 122.6
 192 17.1 14.3 21.5



#44
 Trichloroethene
 Concen: 42.156 ug/l
 RT: 7.123 min Scan# 990
 Delta R.T. 0.000 min
 Lab File: VX045262.D
 Acq: 13 Mar 2025 12:27

Tgt Ion:130 Resp: 37602
 Ion Ratio Lower Upper
 130 100
 95 97.4 0.0 205.0

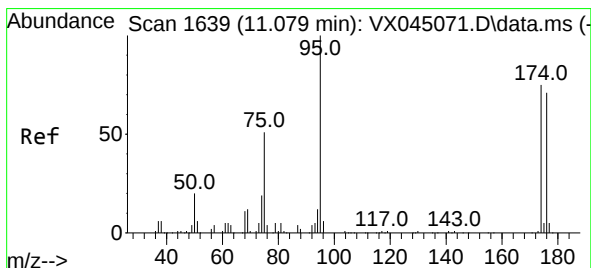
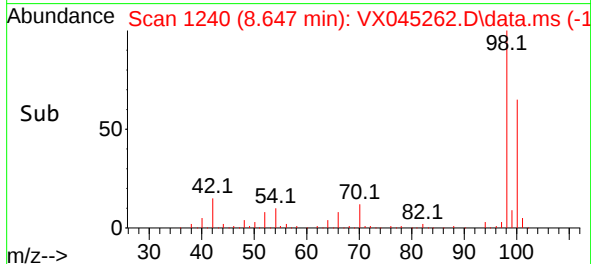
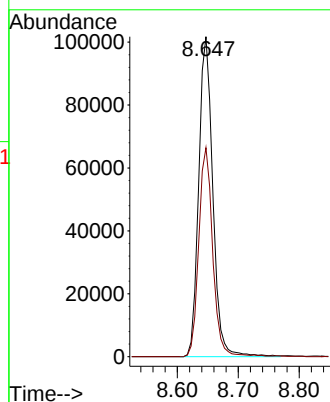
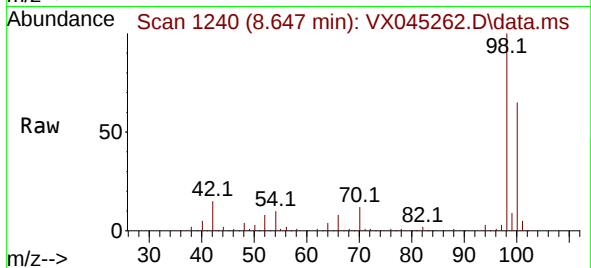




#50
Toluene-d8
Concen: 51.522 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045262.D
Acq: 13 Mar 2025 12:27

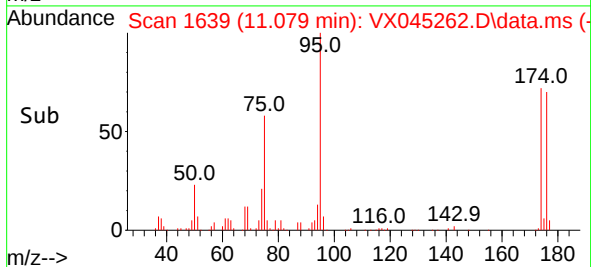
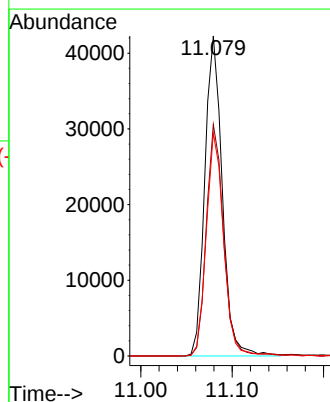
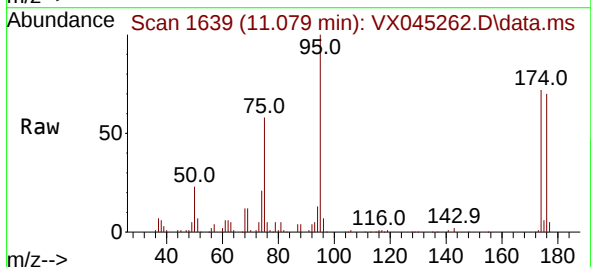
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RE115D2-20250310

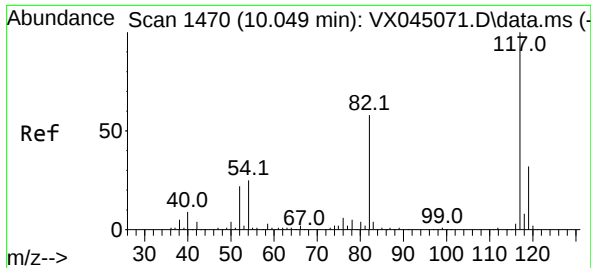
Tgt Ion: 98 Resp: 163846
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 53.119 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045262.D
Acq: 13 Mar 2025 12:27

Tgt Ion: 95 Resp: 55976
Ion Ratio Lower Upper
95 100
174 71.5 0.0 148.2
176 69.2 0.0 141.4

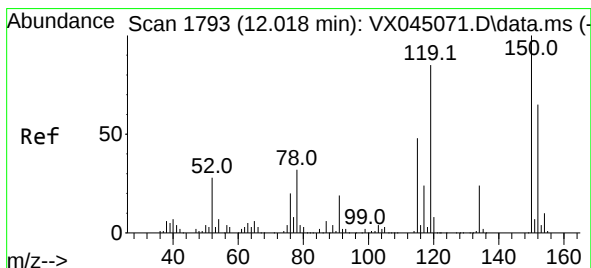
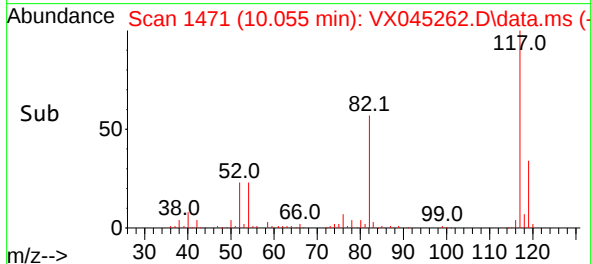
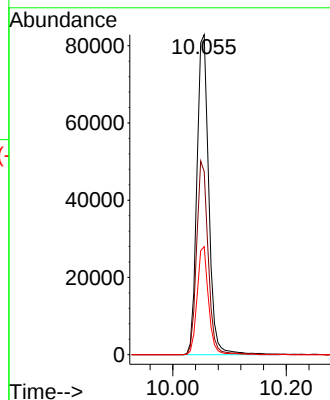
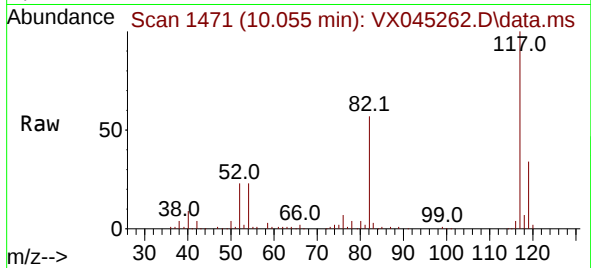




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX045262.D
Acq: 13 Mar 2025 12:27

Instrument :
MSVOA_X
ClientSampleId :
RE115D2-20250310

Tgt Ion:117 Resp: 120316
Ion Ratio Lower Upper
117 100
82 57.2 46.3 69.5
119 33.7 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045262.D
Acq: 13 Mar 2025 12:27

Tgt Ion:152 Resp: 49080
Ion Ratio Lower Upper
152 100
115 63.8 44.2 132.6
150 158.4 0.0 349.0

