

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032525\
 Data File : VX045442.D
 Acq On : 25 Mar 2025 15:59
 Operator : JC/MD
 Sample : Q1608-16DL 4X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D4-20250318DL

Quant Time: Mar 26 05:20:26 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)

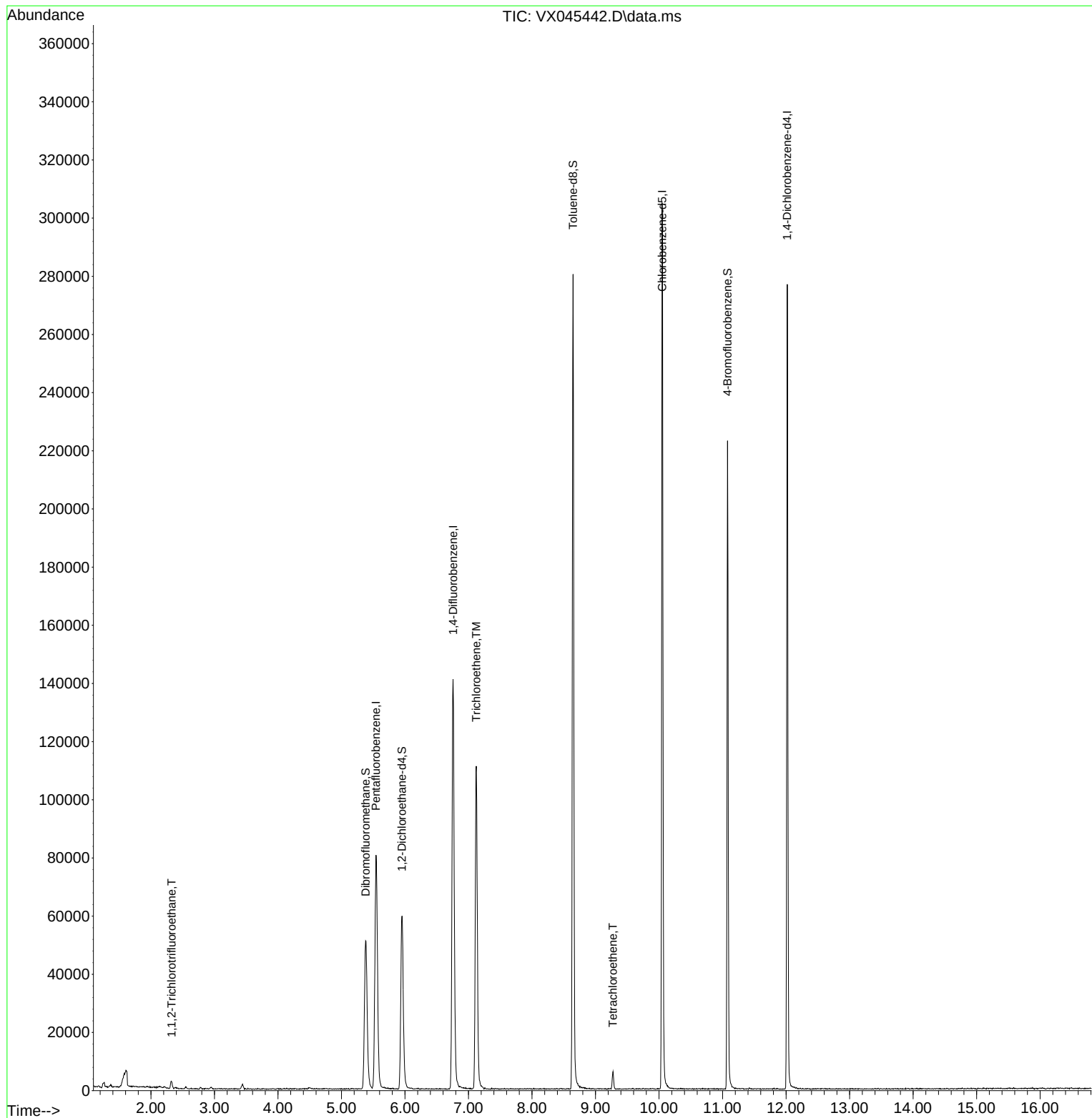
Internal Standards						
1) Pentafluorobenzene	5.544	168	69510	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	138470	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	127707	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	50801	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	61209	55.360	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 110.720%	
35) Dibromofluoromethane	5.379	113	44932	48.527	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.060%	
50) Toluene-d8	8.647	98	161111	47.996	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 96.000%	
62) 4-Bromofluorobenzene	11.079	95	56923	51.175	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 102.340%	
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.325	101	1159	1.435	ug/l	90
44) Trichloroethene	7.123	130	40933	43.475	ug/l	99
64) Tetrachloroethene	9.275	164	1124	1.374	ug/l	90

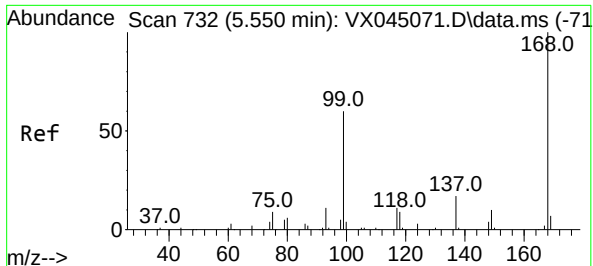
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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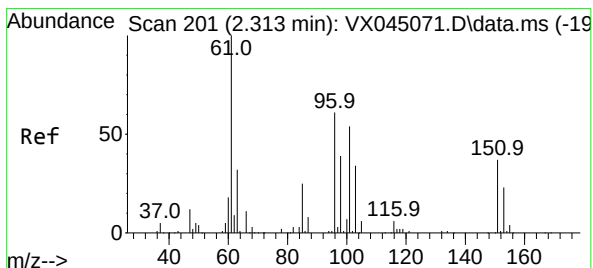
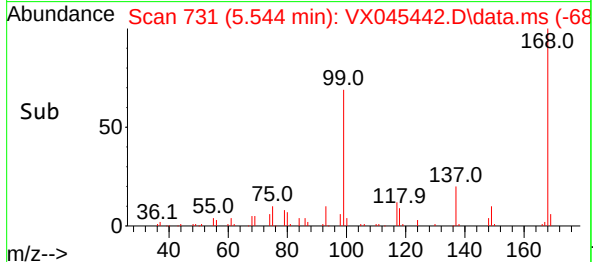
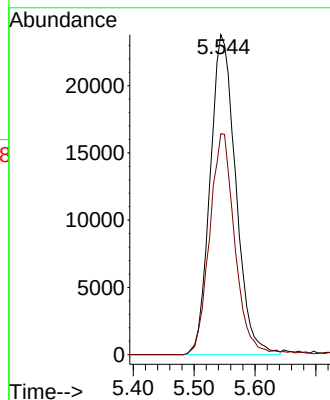
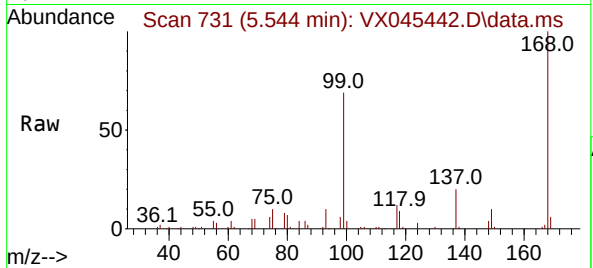




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045442.D
Acq: 25 Mar 2025 15:59

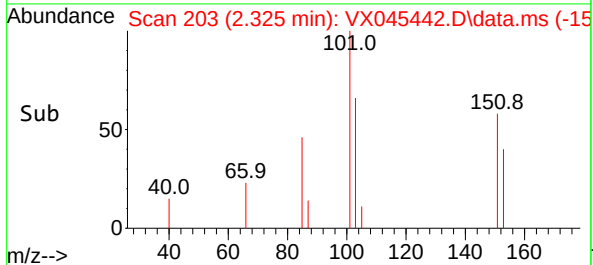
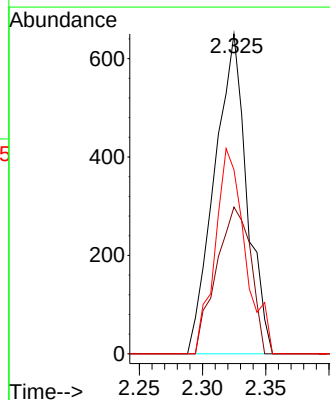
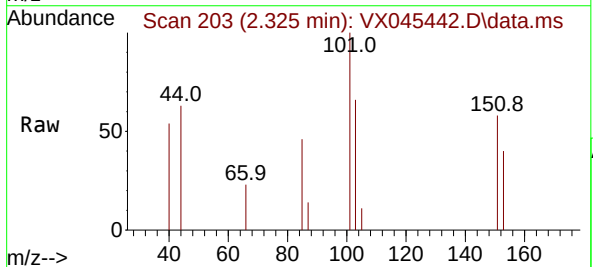
Instrument :
MSVOA_X
ClientSampleId :
RE132D4-20250318DL

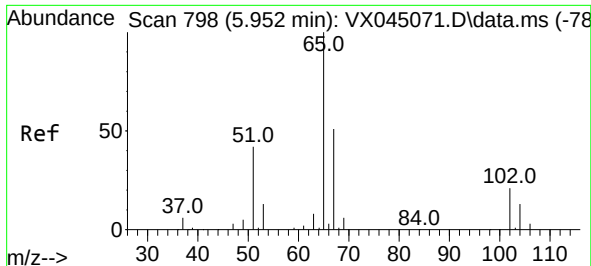
Tgt Ion:168 Resp: 69510
Ion Ratio Lower Upper
168 100
99 69.1 48.2 72.4



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.435 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.012 min
Lab File: VX045442.D
Acq: 25 Mar 2025 15:59

Tgt Ion:101 Resp: 1159
Ion Ratio Lower Upper
101 100
85 48.7 36.2 54.4
151 59.5 56.4 84.6





#33

1,2-Dichloroethane-d4

Concen: 55.360 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045442.D

Acq: 25 Mar 2025 15:59

Instrument :

MSVOA_X

ClientSampleId :

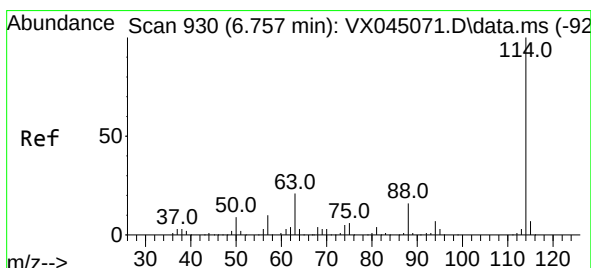
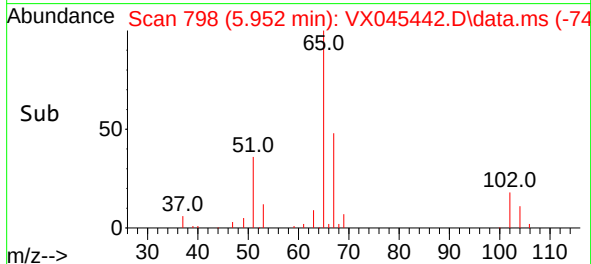
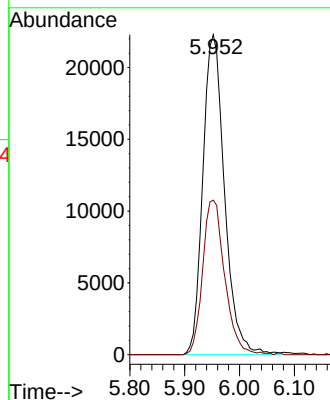
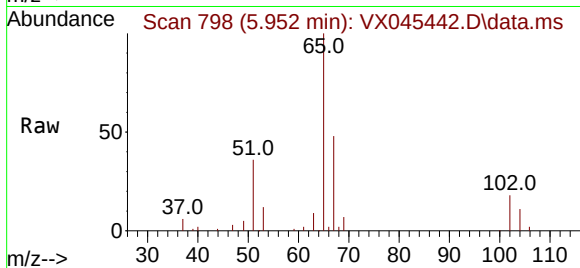
RE132D4-20250318DL

Tgt Ion: 65 Resp: 61209

Ion Ratio Lower Upper

65 100

67 49.1 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: VX045442.D

Acq: 25 Mar 2025 15:59

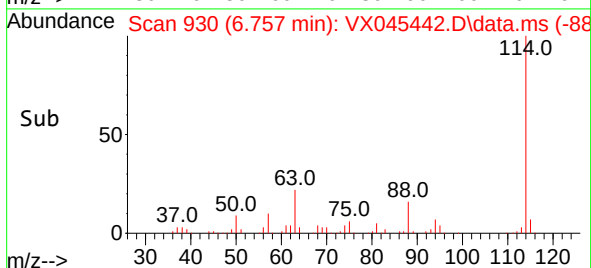
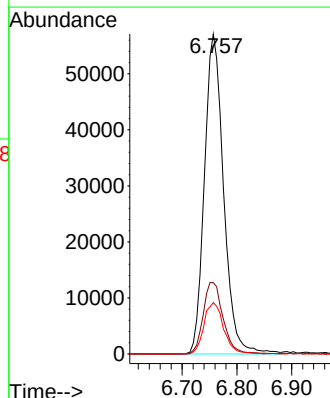
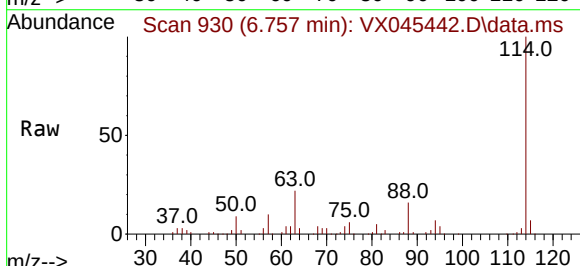
Tgt Ion: 114 Resp: 138470

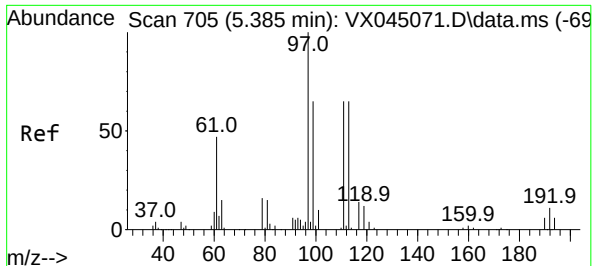
Ion Ratio Lower Upper

114 100

63 22.3 0.0 41.8

88 16.1 0.0 32.8

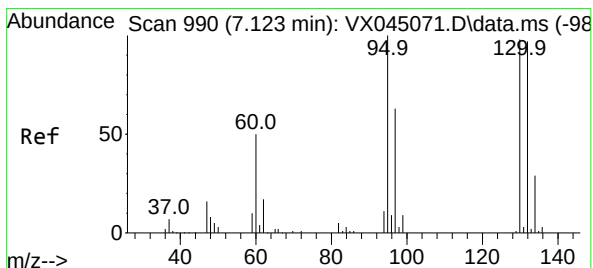
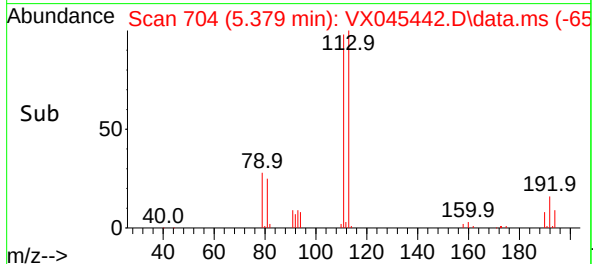
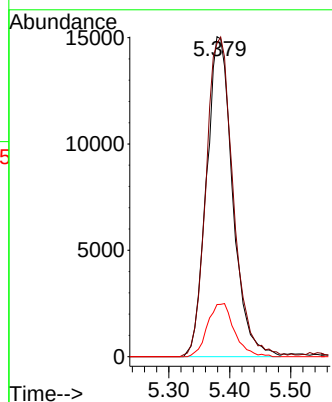
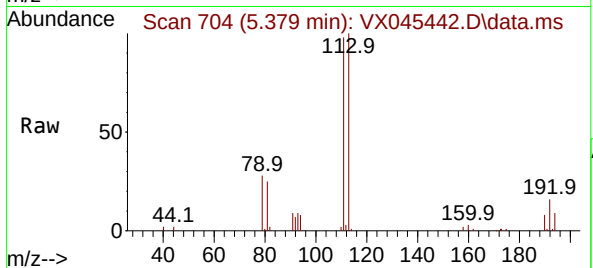




#35
 Dibromofluoromethane
 Concen: 48.527 ug/l
 RT: 5.379 min Scan# 705
 Delta R.T. -0.006 min
 Lab File: VX045442.D
 Acq: 25 Mar 2025 15:59

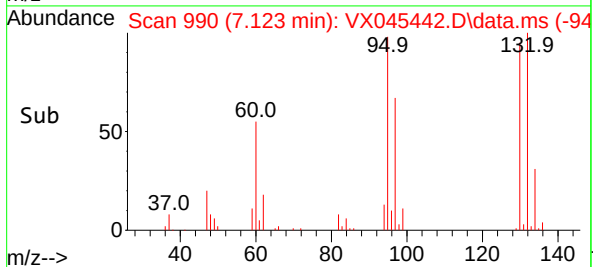
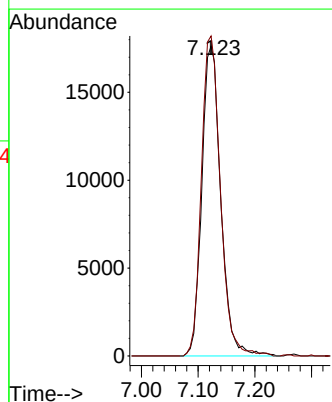
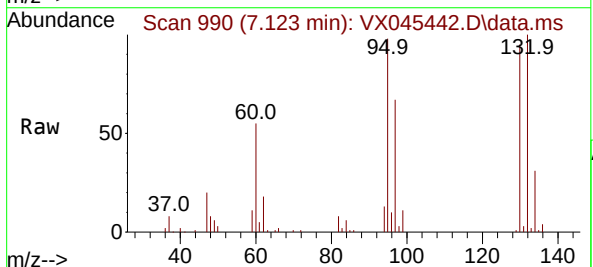
Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D4-20250318DL

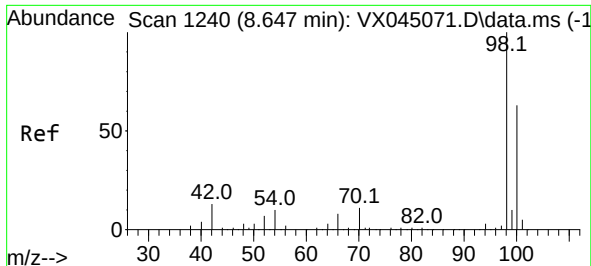
Tgt Ion:113 Resp: 44932
 Ion Ratio Lower Upper
 113 100
 111 103.5 81.8 122.6
 192 17.0 14.3 21.5



#44
 Trichloroethene
 Concen: 43.475 ug/l
 RT: 7.123 min Scan# 990
 Delta R.T. -0.000 min
 Lab File: VX045442.D
 Acq: 25 Mar 2025 15:59

Tgt Ion:130 Resp: 40933
 Ion Ratio Lower Upper
 130 100
 95 103.3 0.0 205.0

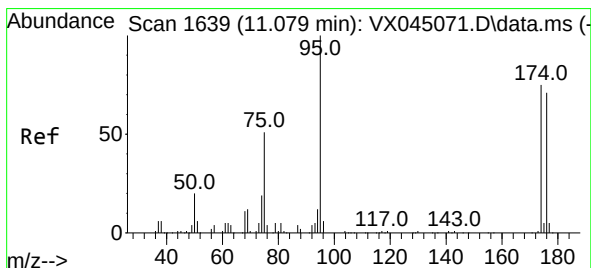
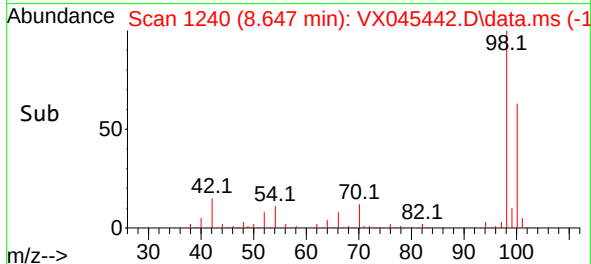
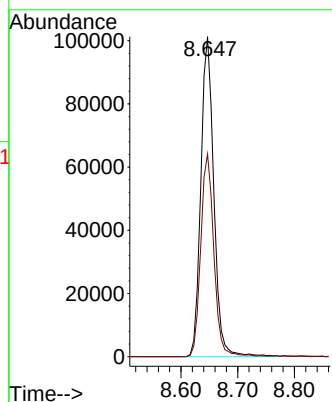
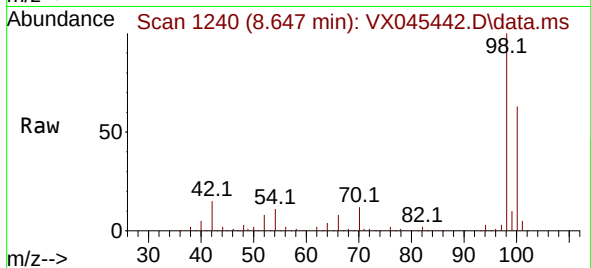




#50
Toluene-d8
Concen: 47.996 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045442.D
Acq: 25 Mar 2025 15:59

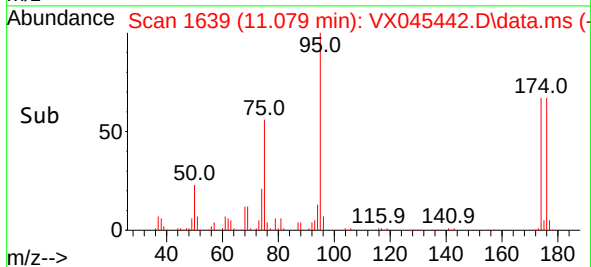
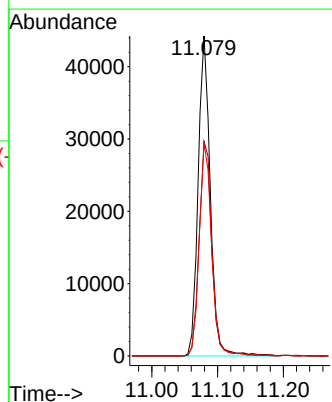
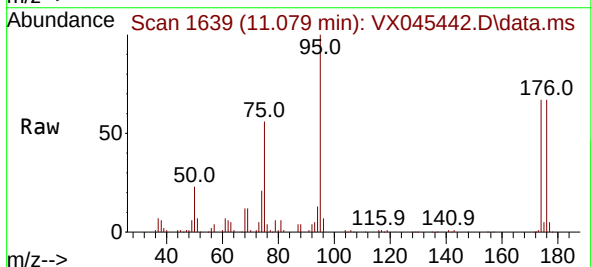
Instrument :
MSVOA_X
ClientSampleId :
RE132D4-20250318DL

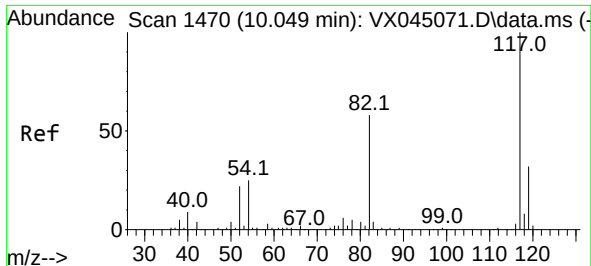
Tgt Ion: 98 Resp: 161111
Ion Ratio Lower Upper
98 100
100 63.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 51.175 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045442.D
Acq: 25 Mar 2025 15:59

Tgt Ion: 95 Resp: 56923
Ion Ratio Lower Upper
95 100
174 69.6 0.0 148.2
176 68.0 0.0 141.4

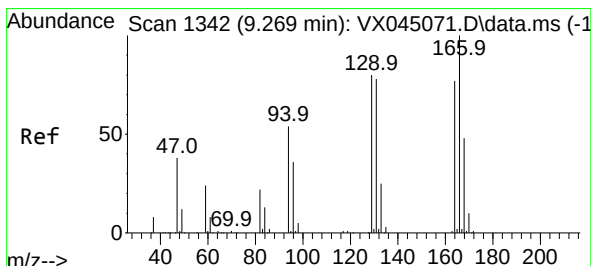
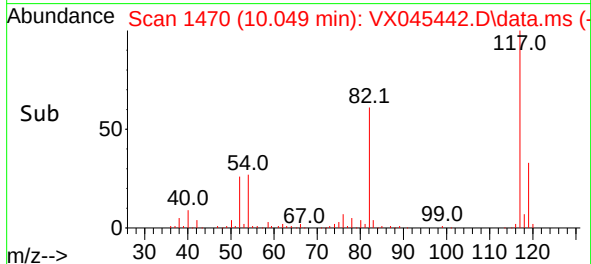
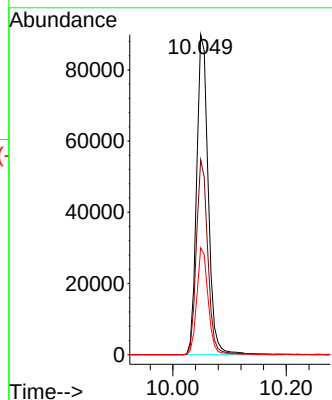
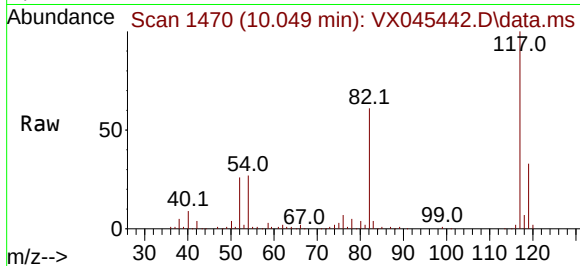




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045442.D
Acq: 25 Mar 2025 15:59

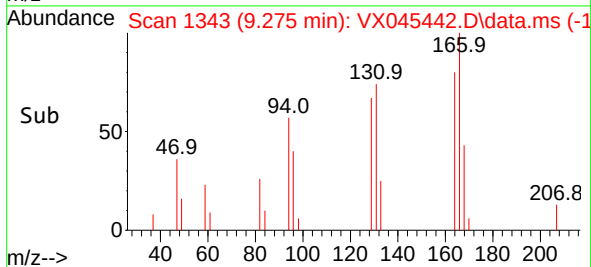
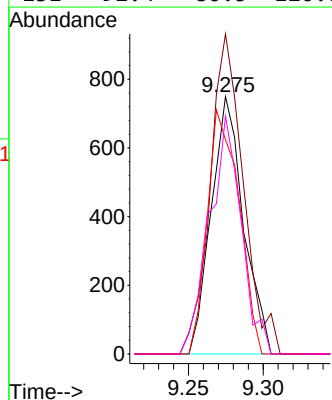
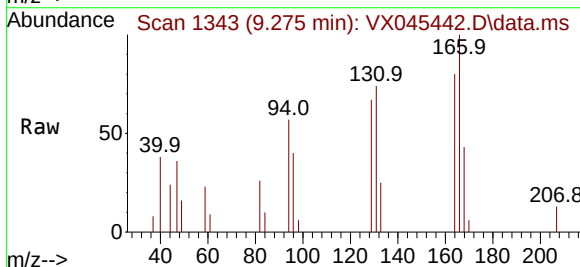
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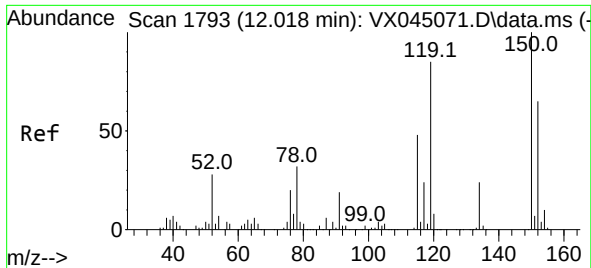
Tgt Ion:117 Resp: 127707
Ion Ratio Lower Upper
117 100
82 60.9 46.3 69.5
119 33.4 25.7 38.5



#64
Tetrachloroethene
Concen: 1.374 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VX045442.D
Acq: 25 Mar 2025 15:59

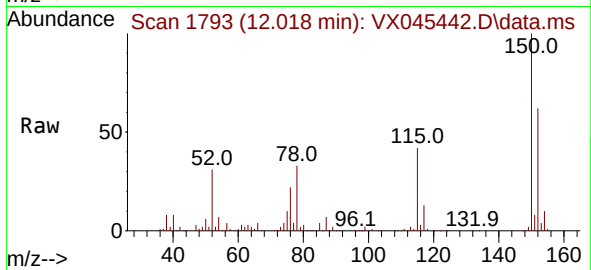
Tgt Ion:164 Resp: 1124
Ion Ratio Lower Upper
164 100
166 124.3 103.6 155.4
129 83.2 82.7 124.1
131 92.4 80.5 120.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX045442.D
 Acq: 25 Mar 2025 15:59

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D4-20250318DL



Tgt Ion:152 Resp: 50801
 Ion Ratio Lower Upper
 152 100
 115 63.8 44.2 132.6
 150 157.0 0.0 349.0

