

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031325\
 Data File : VX045281.D
 Acq On : 13 Mar 2025 19:48
 Operator : JC/MD
 Sample : Q1559-17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE104D1-20250312

Quant Time: Mar 15 05:39:28 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)

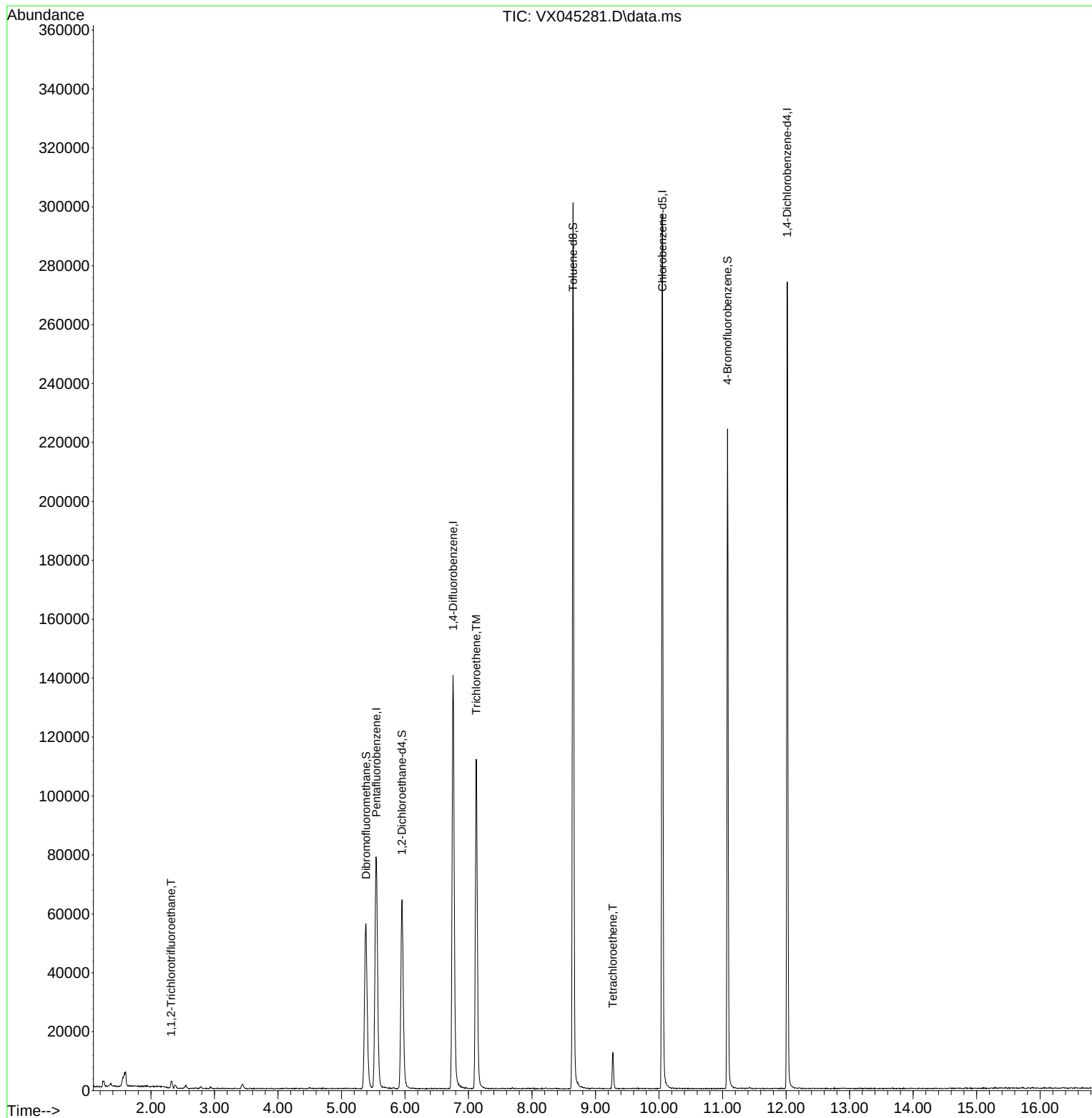
Internal Standards						
1) Pentafluorobenzene	5.550	168	71280	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	137818	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	125719	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	51927	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	60978	53.781	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.560%	
35) Dibromofluoromethane	5.385	113	48880	53.041	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.080%	
50) Toluene-d8	8.647	98	172478	51.625	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.260%	
62) 4-Bromofluorobenzene	11.079	95	58312	52.671	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 105.340%	
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.319	101	1038	1.253	ug/l	98
44) Trichloroethene	7.123	130	40894	43.640	ug/l	99
64) Tetrachloroethene	9.275	164	2218	2.755	ug/l	96

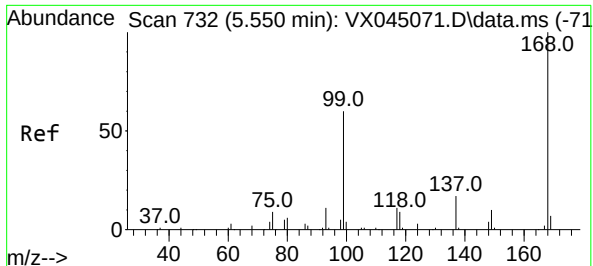
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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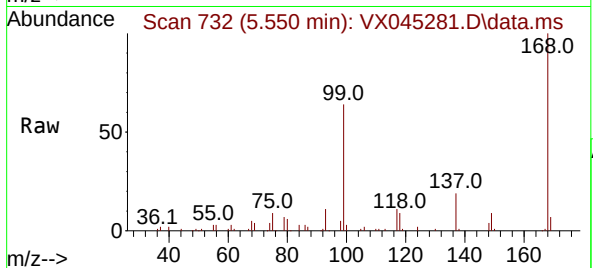
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
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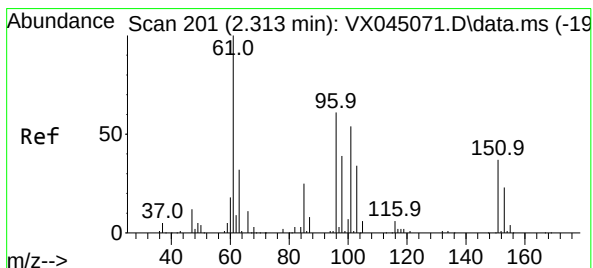
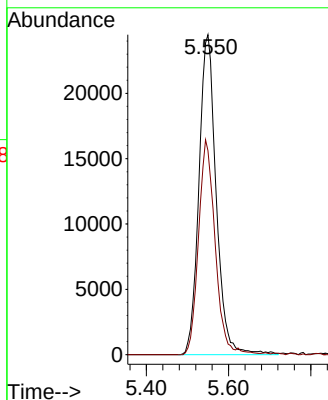
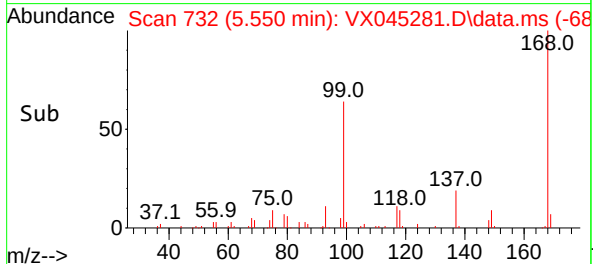


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045281.D
Acq: 13 Mar 2025 19:48

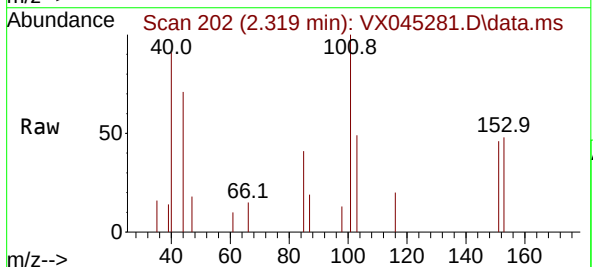
Instrument :
MSVOA_X
ClientSampleId :
RE104D1-20250312



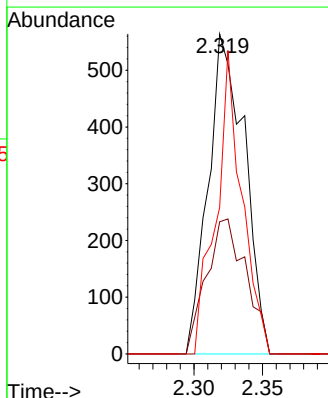
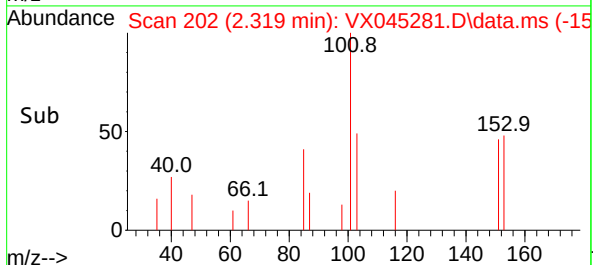
Tgt Ion:168 Resp: 71280
Ion Ratio Lower Upper
168 100
99 63.8 48.2 72.4

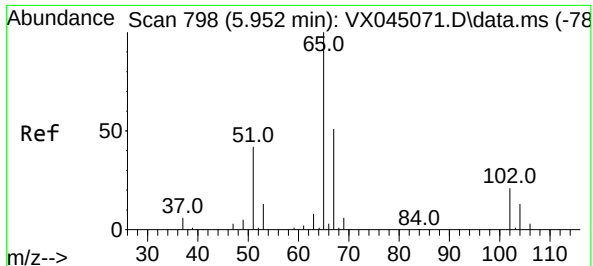


#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.253 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX045281.D
Acq: 13 Mar 2025 19:48



Tgt Ion:101 Resp: 1038
Ion Ratio Lower Upper
101 100
85 46.1 36.2 54.4
151 67.8 56.4 84.6





#33

1,2-Dichloroethane-d4

Concen: 53.781 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX045281.D

Acq: 13 Mar 2025 19:48

Instrument :

MSVOA_X

ClientSampleId :

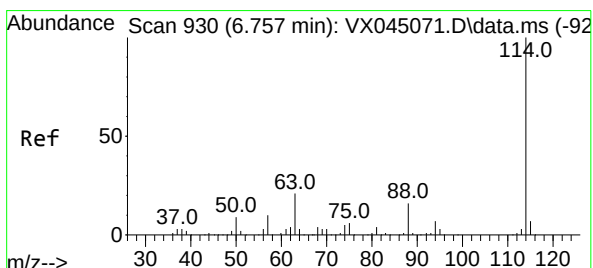
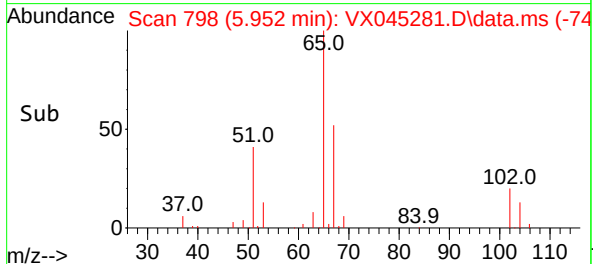
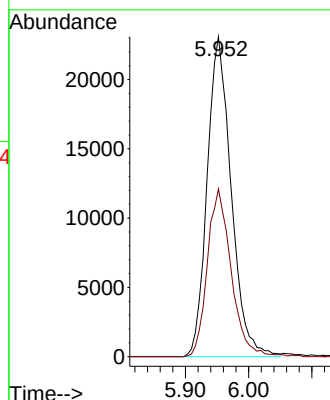
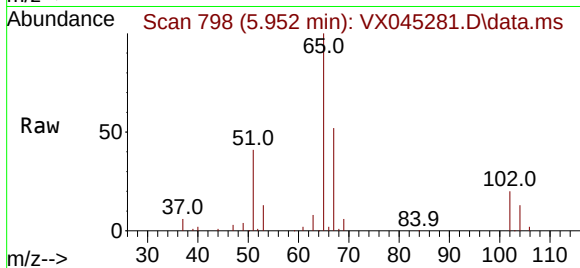
RE104D1-20250312

Tgt Ion: 65 Resp: 60978

Ion Ratio Lower Upper

65 100

67 51.8 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: VX045281.D

Acq: 13 Mar 2025 19:48

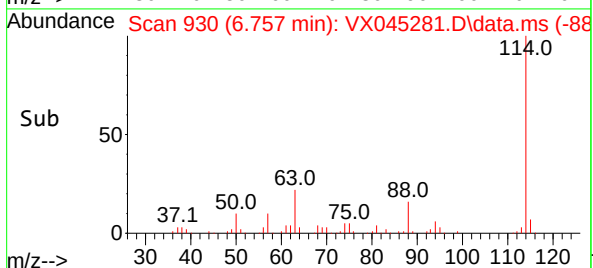
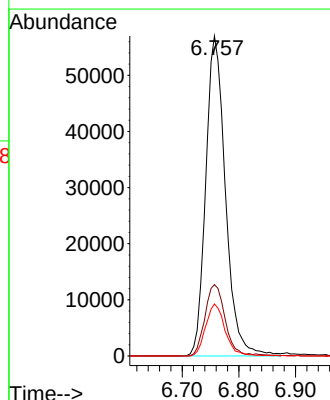
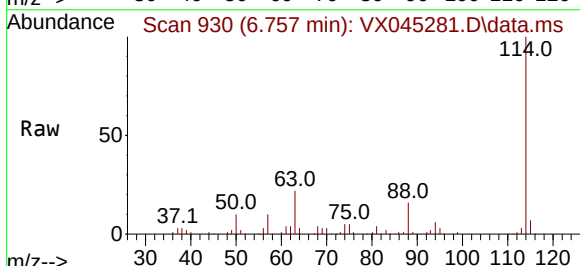
Tgt Ion: 114 Resp: 137818

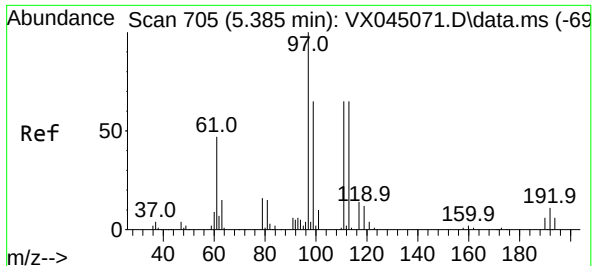
Ion Ratio Lower Upper

114 100

63 22.3 0.0 41.8

88 16.3 0.0 32.8





#35

Dibromofluoromethane

Concen: 53.041 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX045281.D

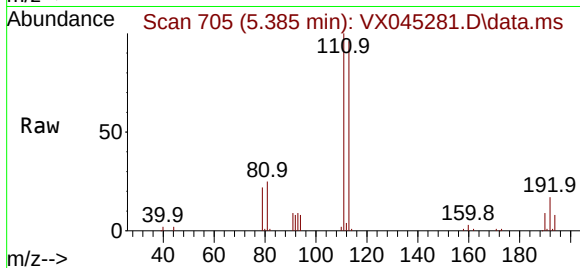
Acq: 13 Mar 2025 19:48

Instrument :

MSVOA_X

ClientSampleId :

RE104D1-20250312



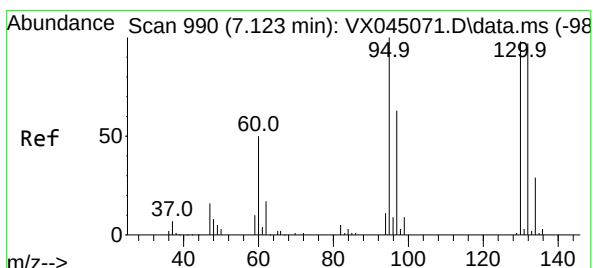
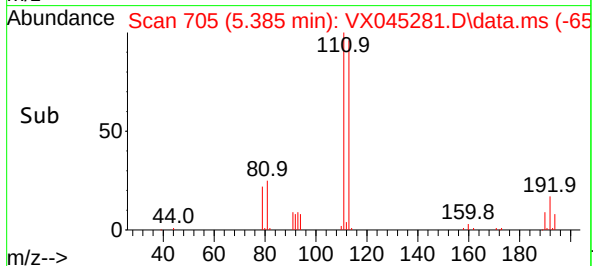
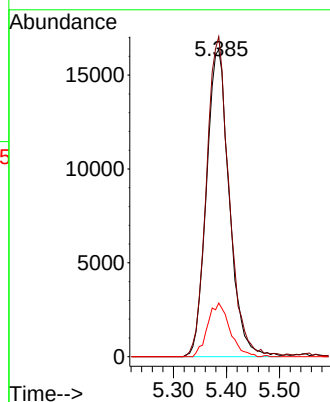
Tgt Ion:113 Resp: 48880

Ion Ratio Lower Upper

113 100

111 103.5 81.8 122.6

192 17.0 14.3 21.5



#44

Trichloroethene

Concen: 43.640 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.000 min

Lab File: VX045281.D

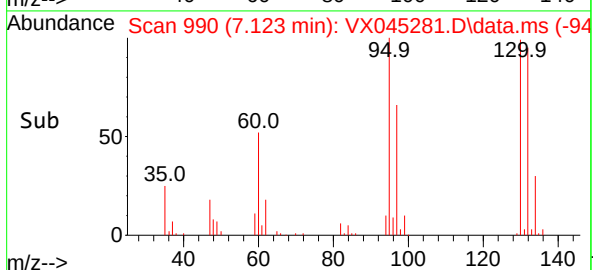
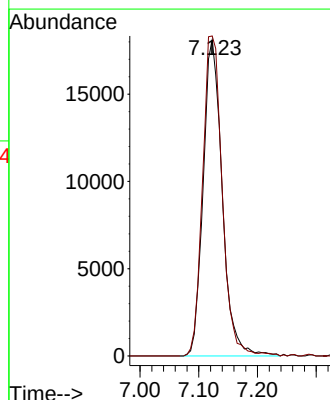
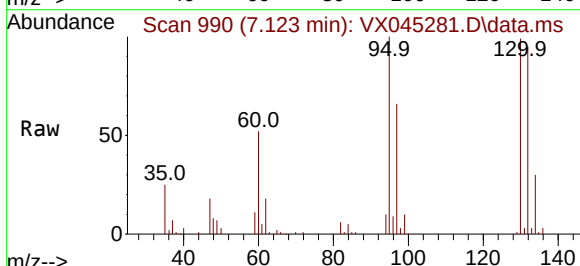
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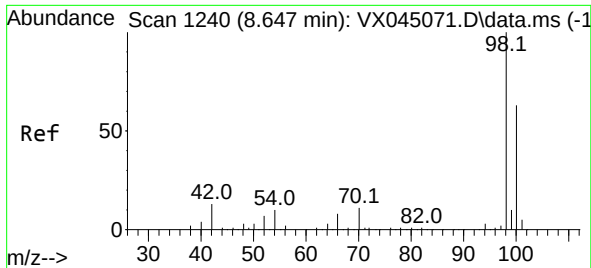
Tgt Ion:130 Resp: 40894

Ion Ratio Lower Upper

130 100

95 101.2 0.0 205.0

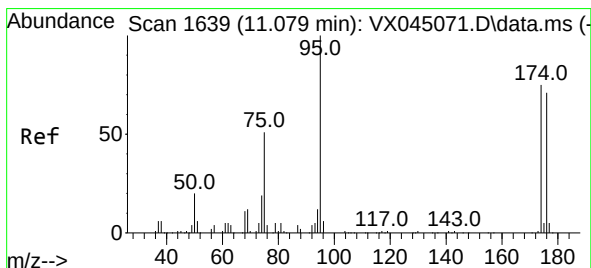
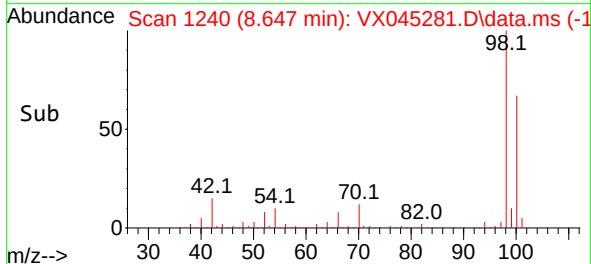
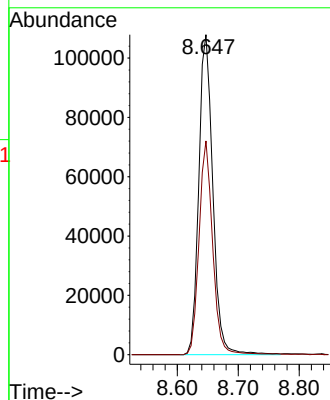
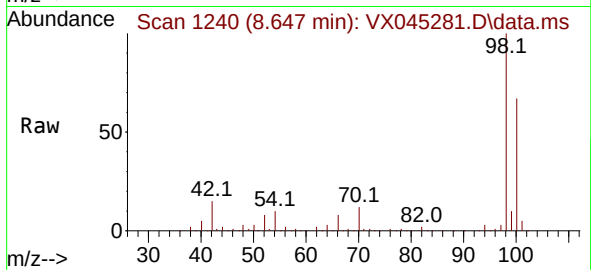




#50
Toluene-d8
Concen: 51.625 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045281.D
Acq: 13 Mar 2025 19:48

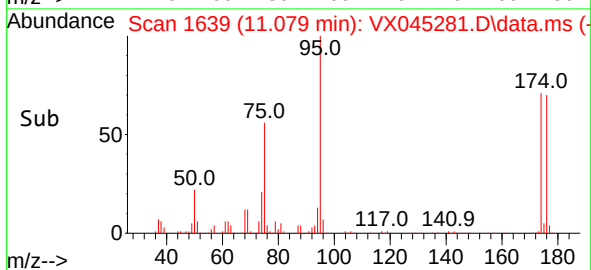
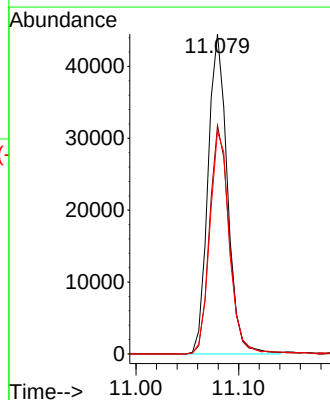
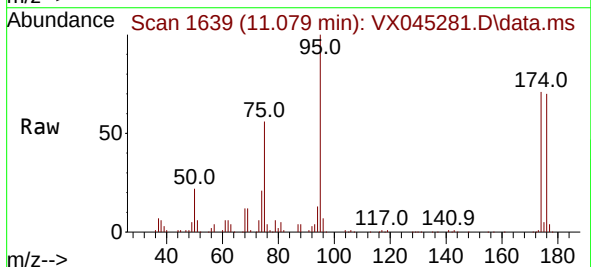
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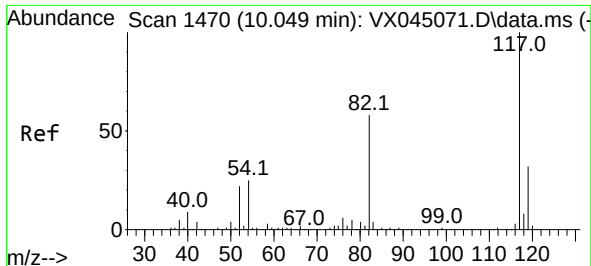
Tgt Ion: 98 Resp: 172478
Ion Ratio Lower Upper
98 100
100 65.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 52.671 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045281.D
Acq: 13 Mar 2025 19:48

Tgt Ion: 95 Resp: 58312
Ion Ratio Lower Upper
95 100
174 72.5 0.0 148.2
176 70.9 0.0 141.4

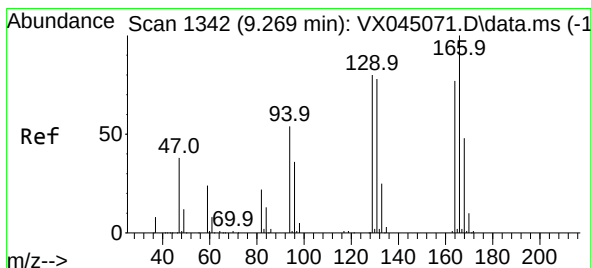
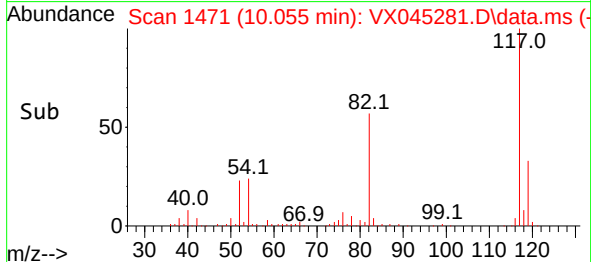
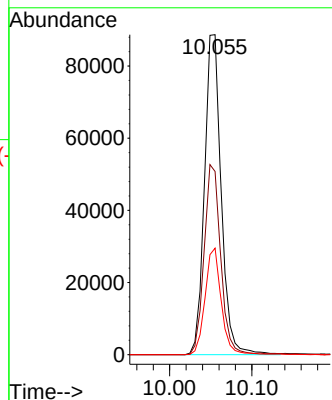
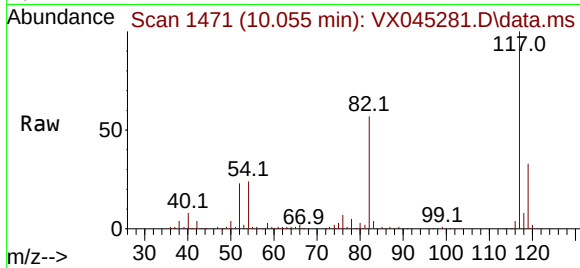




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX045281.D
Acq: 13 Mar 2025 19:48

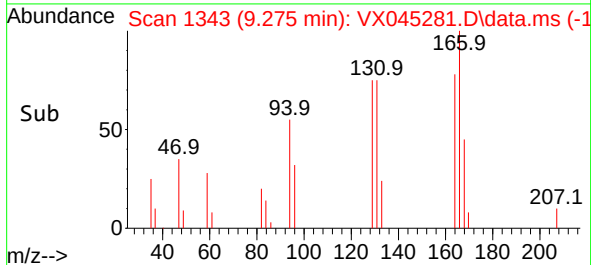
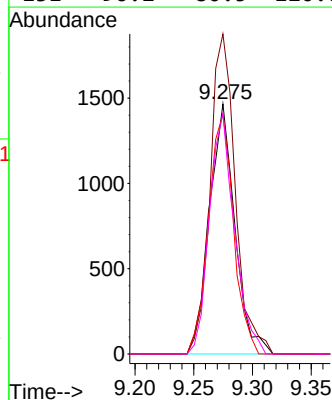
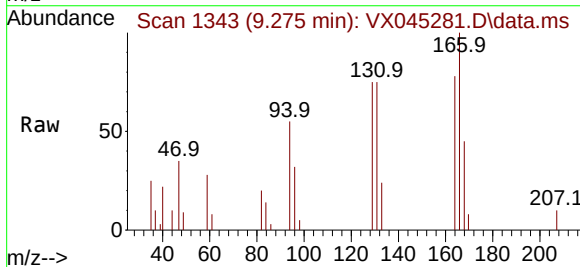
Instrument :
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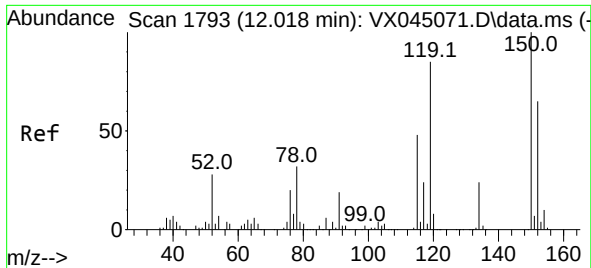
Tgt Ion:117 Resp: 125719
Ion Ratio Lower Upper
117 100
82 57.2 46.3 69.5
119 33.3 25.7 38.5



#64
Tetrachloroethene
Concen: 2.755 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VX045281.D
Acq: 13 Mar 2025 19:48

Tgt Ion:164 Resp: 2218
Ion Ratio Lower Upper
164 100
166 128.1 103.6 155.4
129 95.9 82.7 124.1
131 96.2 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: VX045281.D

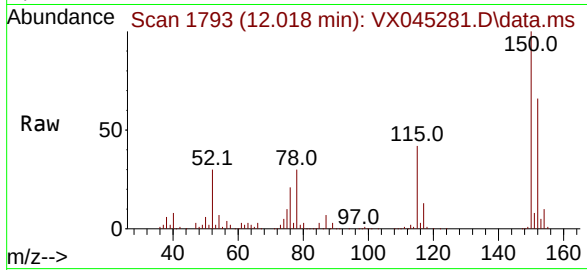
Acq: 13 Mar 2025 19:48

Instrument :

MSVOA_X

ClientSampleId :

RE104D1-20250312



Tgt Ion:152 Resp: 51927

Ion Ratio Lower Upper

152 100

115 63.1 44.2 132.6

150 157.2 0.0 349.0

