

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040325\
 Data File : VX045569.D
 Acq On : 03 Apr 2025 14:27
 Operator : JC/MD
 Sample : Q1711-04 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-17B-55-040225

Quant Time: Apr 04 01:22:53 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

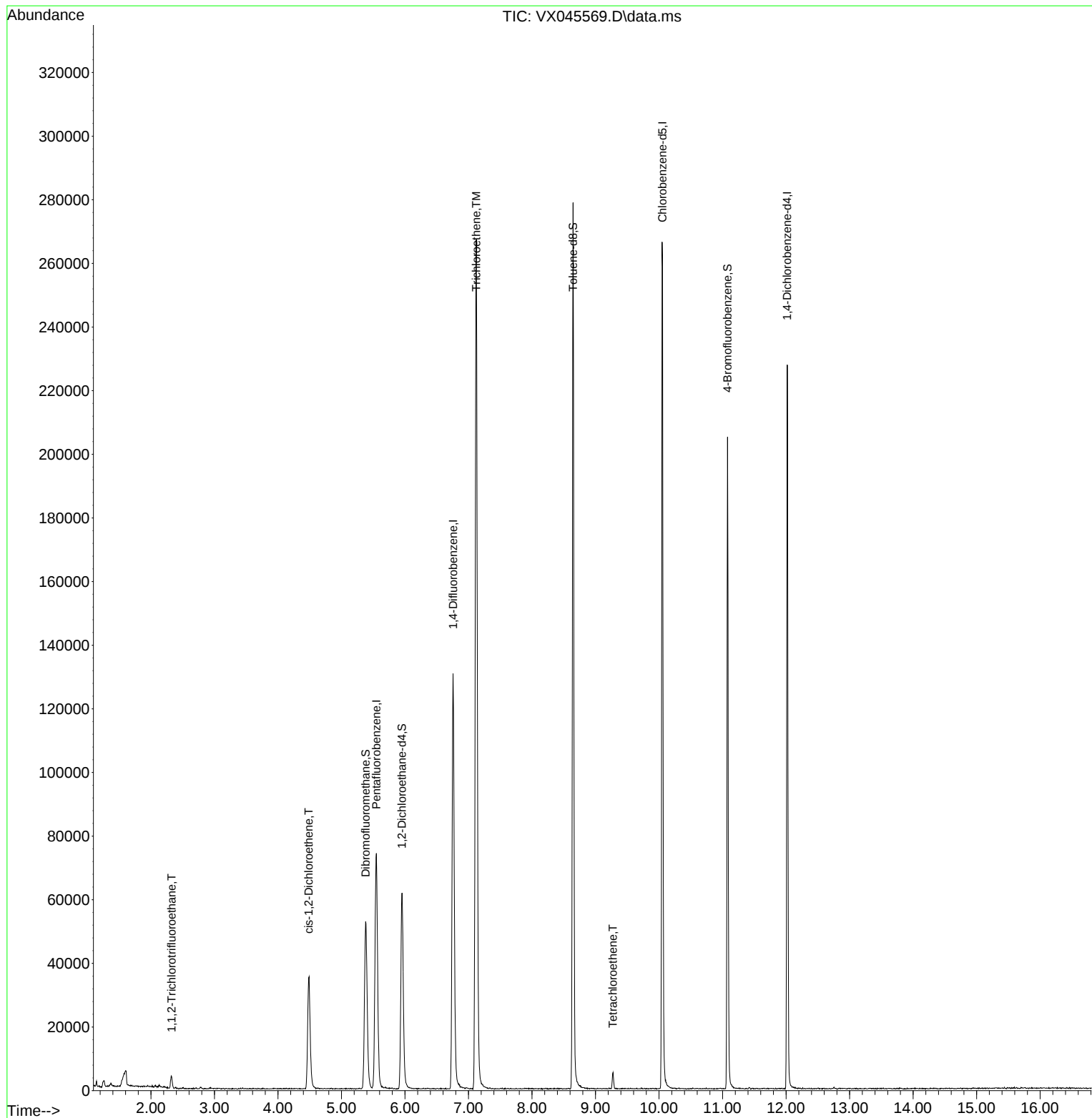
Internal Standards						
1) Pentafluorobenzene	5.550	168	63215	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	122949	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	111016	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	41790	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63364	54.811	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.620%	
35) Dibromofluoromethane	5.379	113	45550	52.217	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.440%	
50) Toluene-d8	8.647	98	154375	50.702	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.400%	
62) 4-Bromofluorobenzene	11.079	95	51995	46.882	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 93.760%	
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.325	101	1122	1.445	ug/l #	83
27) cis-1,2-Dichloroethene	4.483	96	21152	22.393	ug/l	90
44) Trichloroethene	7.123	130	97815	114.405	ug/l	95
64) Tetrachloroethene	9.275	164	887	1.132	ug/l #	87

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

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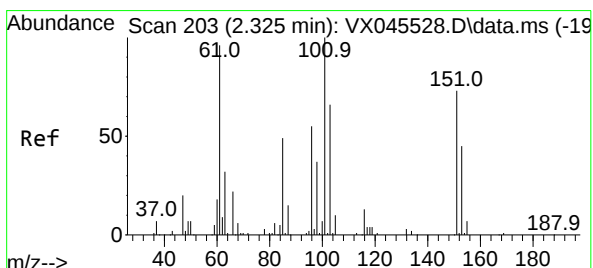
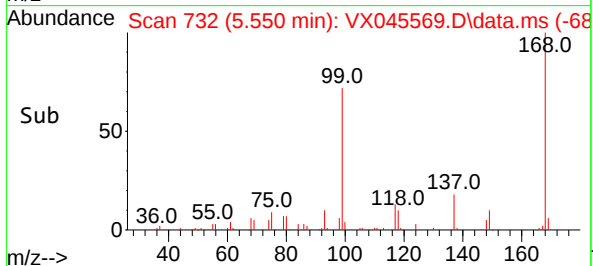
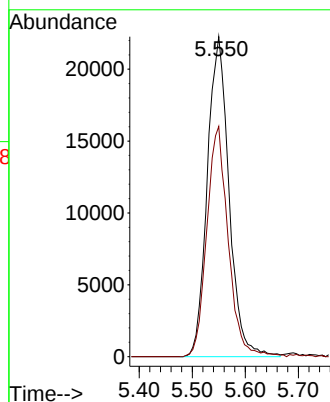
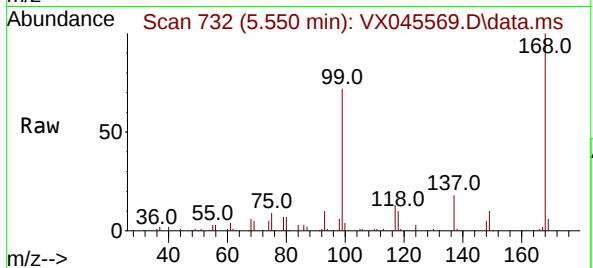




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX045569.D
Acq: 03 Apr 2025 14:27

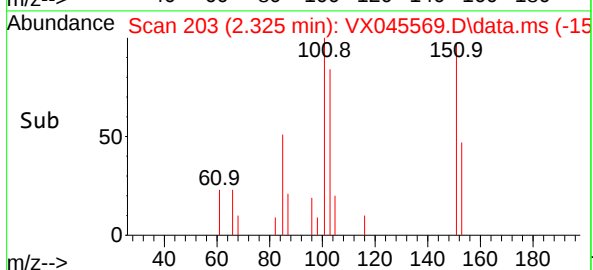
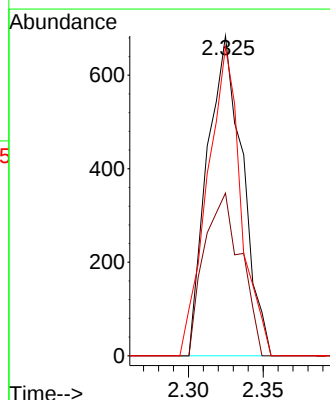
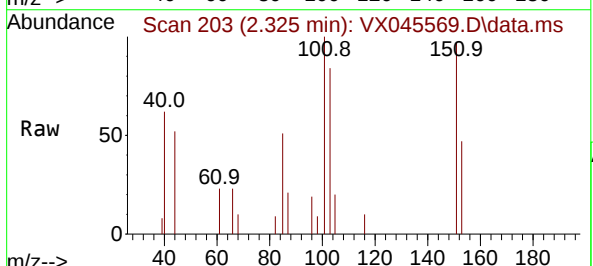
Instrument :
MSVOA_X
ClientSampleId :
MW-17B-55-040225

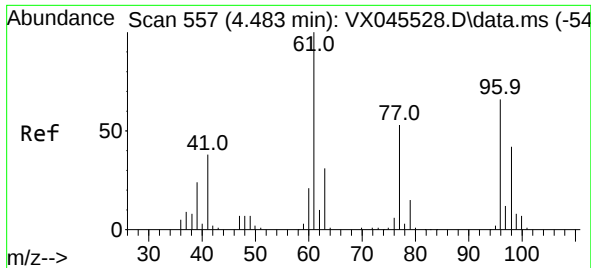
Tgt Ion:168 Resp: 63215
Ion Ratio Lower Upper
168 100
99 72.0 52.3 78.5



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.445 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX045569.D
Acq: 03 Apr 2025 14:27

Tgt Ion:101 Resp: 1122
Ion Ratio Lower Upper
101 100
85 52.9 38.9 58.3
151 92.4 57.5 86.3#





#27

cis-1,2-Dichloroethene

Concen: 22.393 ug/l

RT: 4.483 min Scan# 511

Delta R.T. 0.000 min

Lab File: VX045569.D

Acq: 03 Apr 2025 14:27

Instrument :

MSVOA_X

ClientSampleId :

MW-17B-55-040225

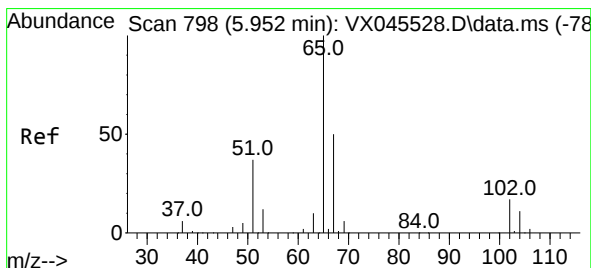
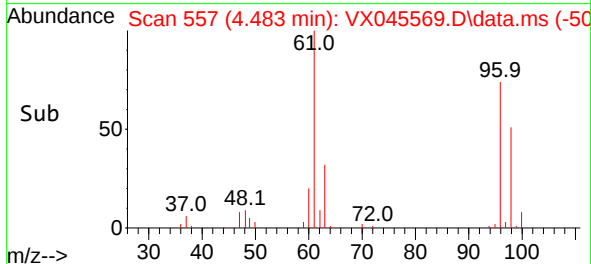
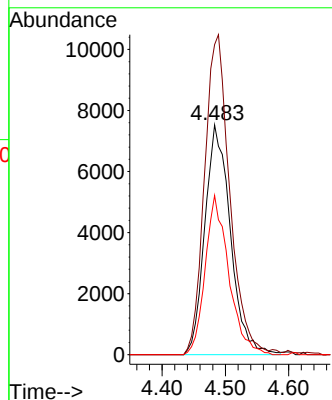
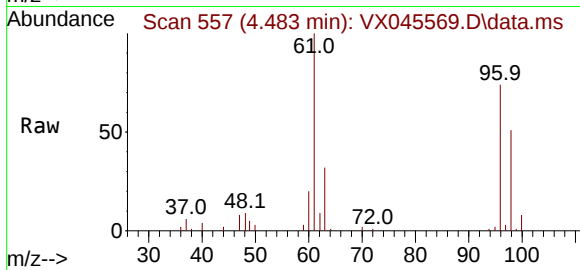
Tgt Ion: 96 Resp: 21152

Ion Ratio Lower Upper

96 100

61 138.2 0.0 313.2

98 64.1 0.0 126.4



#33

1,2-Dichloroethane-d4

Concen: 54.811 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX045569.D

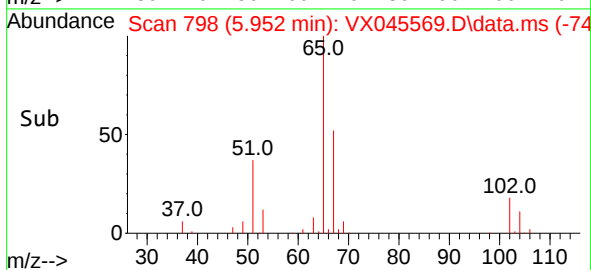
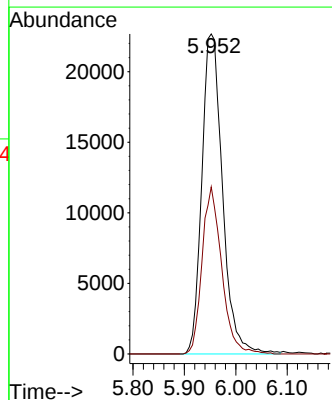
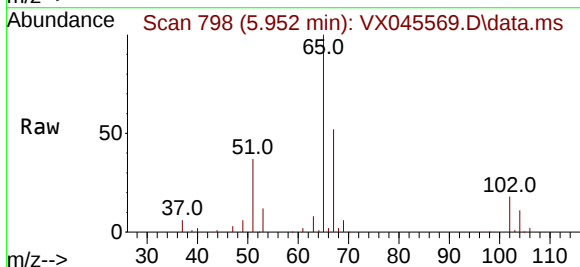
Acq: 03 Apr 2025 14:27

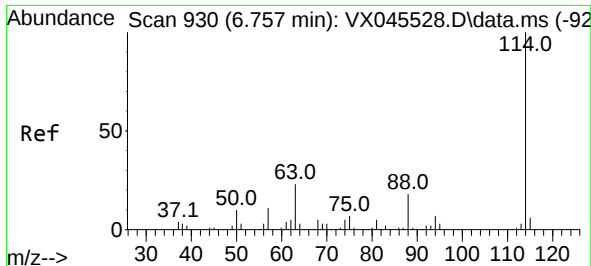
Tgt Ion: 65 Resp: 63364

Ion Ratio Lower Upper

65 100

67 49.5 0.0 99.0

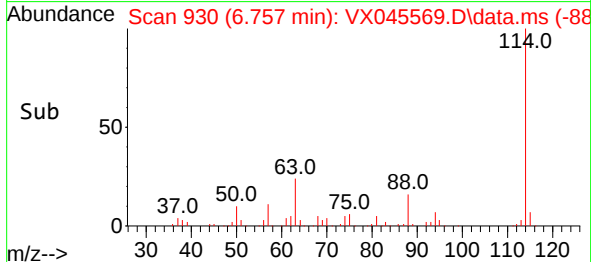
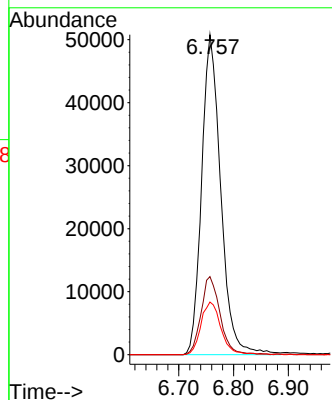
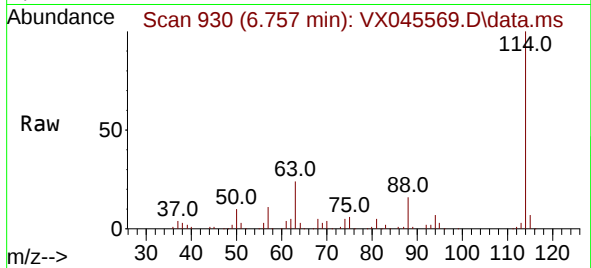




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX045569.D
Acq: 03 Apr 2025 14:27

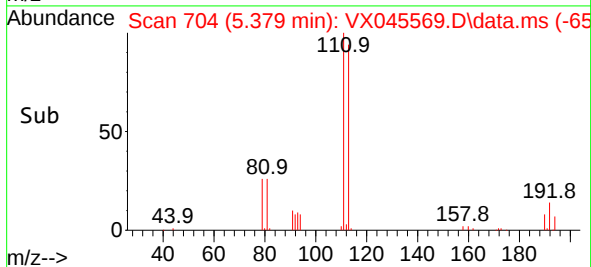
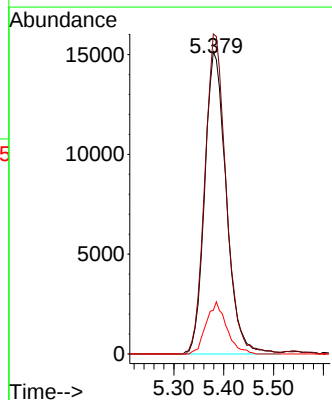
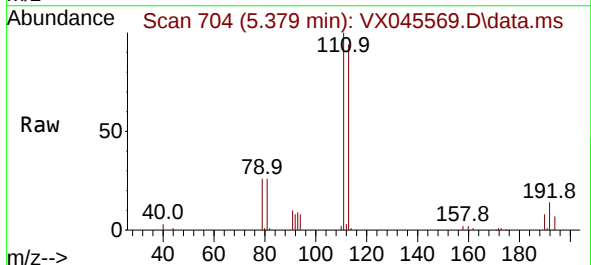
Instrument :
MSVOA_X
ClientSampleId :
MW-17B-55-040225

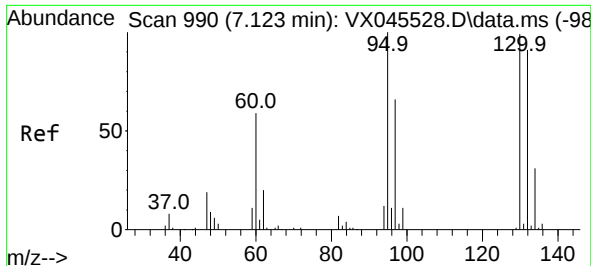
Tgt Ion:114 Resp: 122949
Ion Ratio Lower Upper
114 100
63 24.4 0.0 46.8
88 16.5 0.0 35.4



#35
Dibromofluoromethane
Concen: 52.217 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX045569.D
Acq: 03 Apr 2025 14:27

Tgt Ion:113 Resp: 45550
Ion Ratio Lower Upper
113 100
111 104.5 81.8 122.6
192 16.3 13.8 20.6

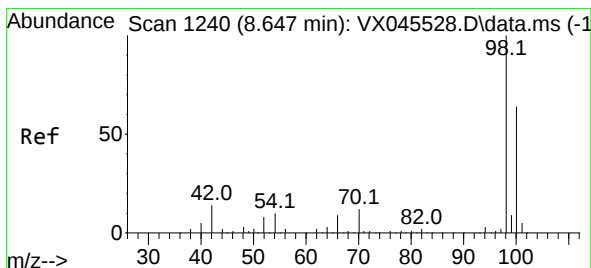
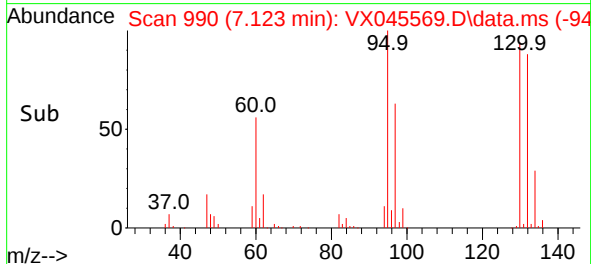
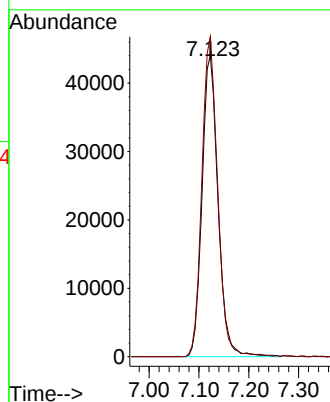
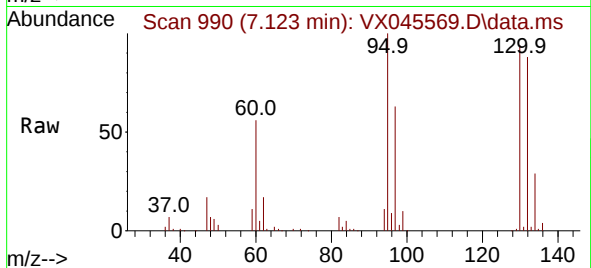




#44
Trichloroethene
Concen: 114.405 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX045569.D
Acq: 03 Apr 2025 14:27

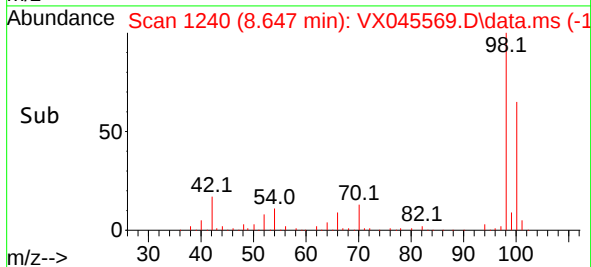
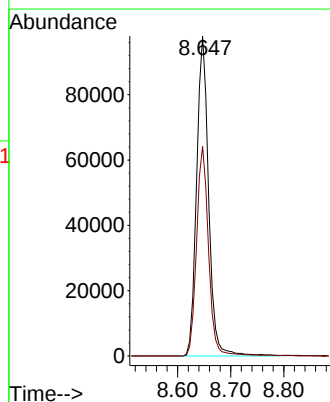
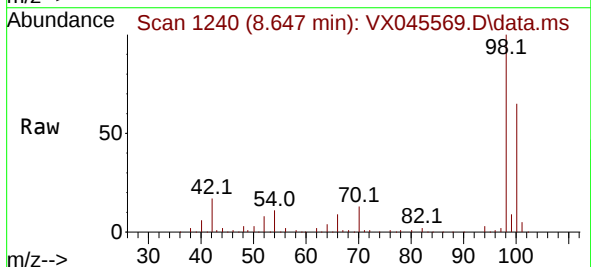
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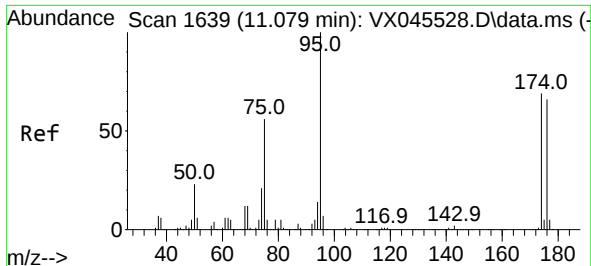
Tgt Ion:130 Resp: 97815
Ion Ratio Lower Upper
130 100
95 106.1 0.0 202.0



#50
Toluene-d8
Concen: 50.702 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045569.D
Acq: 03 Apr 2025 14:27

Tgt Ion: 98 Resp: 154375
Ion Ratio Lower Upper
98 100
100 65.1 52.2 78.4

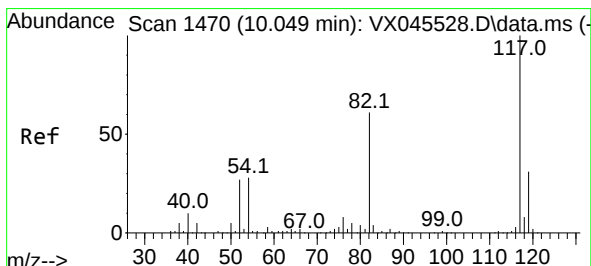
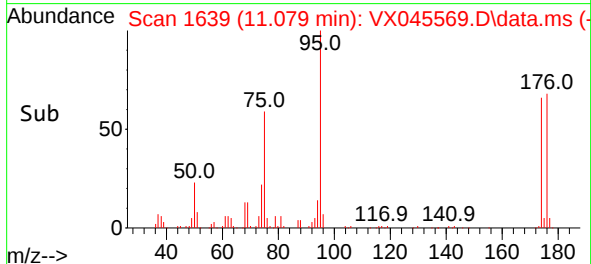
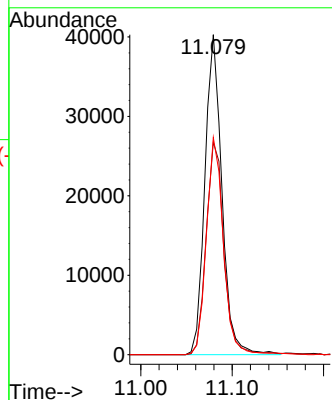
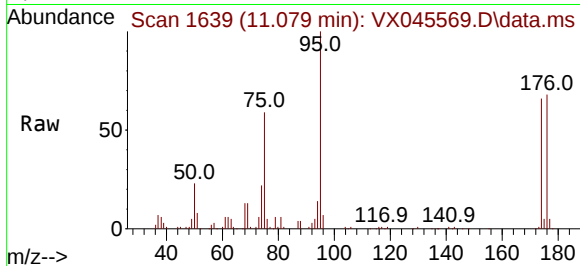




#62
4-Bromofluorobenzene
Concen: 46.882 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045569.D
Acq: 03 Apr 2025 14:27

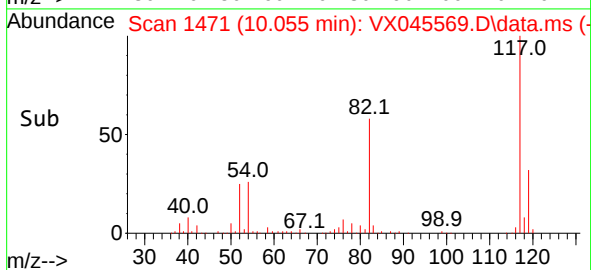
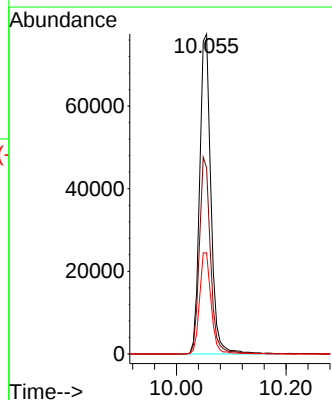
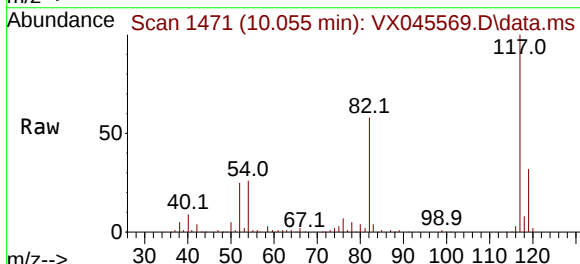
Instrument :
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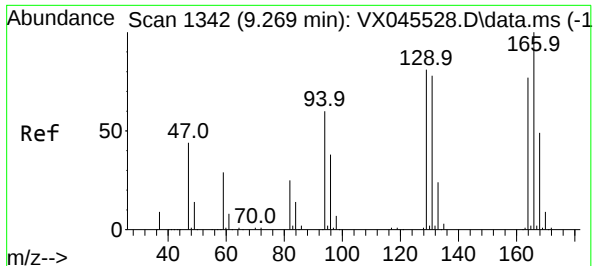
Tgt Ion: 95 Resp: 51995
Ion Ratio Lower Upper
95 100
174 69.3 0.0 135.8
176 68.1 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX045569.D
Acq: 03 Apr 2025 14:27

Tgt Ion: 117 Resp: 111016
Ion Ratio Lower Upper
117 100
82 58.2 49.2 73.8
119 31.6 25.1 37.7

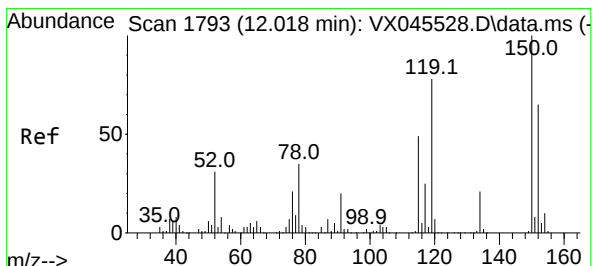
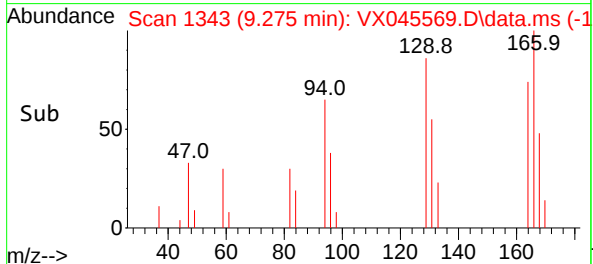
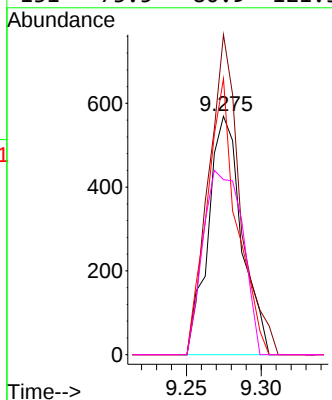
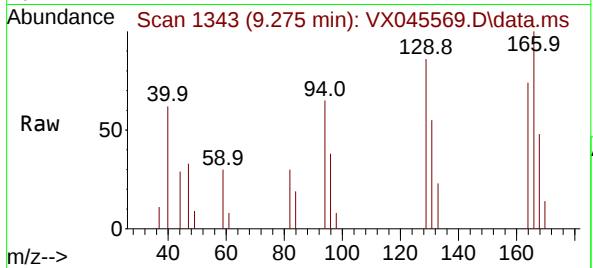




#64
Tetrachloroethene
Concen: 1.132 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX045569.D
Acq: 03 Apr 2025 14:27

Instrument :
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Tgt Ion:164 Resp: 887
Ion Ratio Lower Upper
164 100
166 134.3 103.8 155.8
129 115.8 84.3 126.5
131 73.5 80.9 121.3#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045569.D
Acq: 03 Apr 2025 14:27

Tgt Ion:152 Resp: 41790
Ion Ratio Lower Upper
152 100
115 65.3 46.9 140.7
150 159.4 0.0 349.4

