

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040825\
 Data File : VX045640.D
 Acq On : 08 Apr 2025 10:32
 Operator : JC/MD
 Sample : Q1741-01 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RMW-02B-66-040425

Quant Time: Apr 09 01:34:09 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)

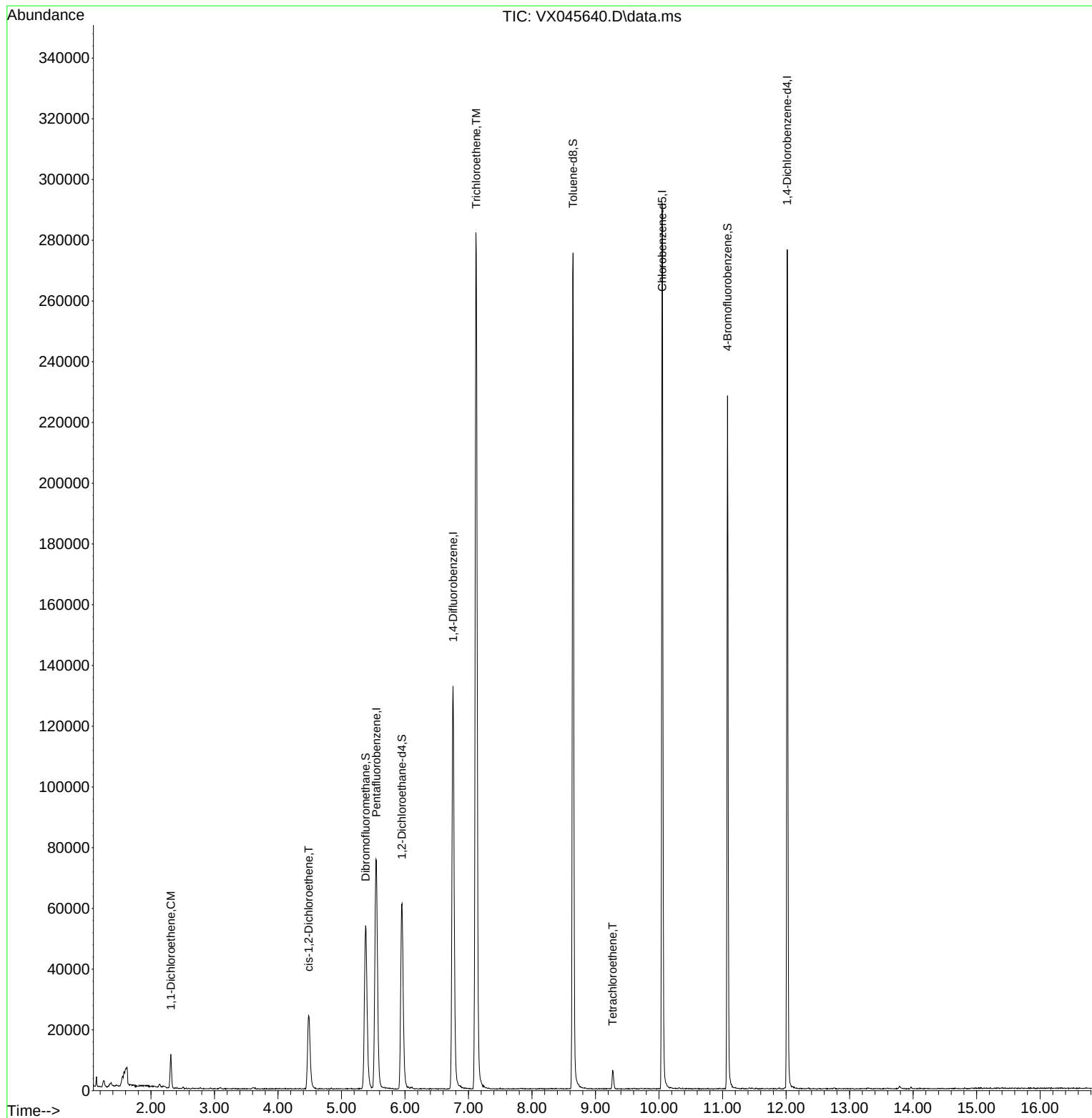
Internal Standards						
1) Pentafluorobenzene	5.550	168	64814	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	126812	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	119119	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	50101	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	62616	52.828	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.660%			
35) Dibromofluoromethane	5.379	113	46074	51.209	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.420%			
50) Toluene-d8	8.647	98	159892	50.914	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.820%			
62) 4-Bromofluorobenzene	11.079	95	59561	52.068	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 104.140%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.313	96	3145	4.042	ug/l	90
27) cis-1,2-Dichloroethene	4.483	96	15322	15.821	ug/l	89
44) Trichloroethene	7.123	130	103334	117.179	ug/l	96
64) Tetrachloroethene	9.269	164	1107	1.316	ug/l	86

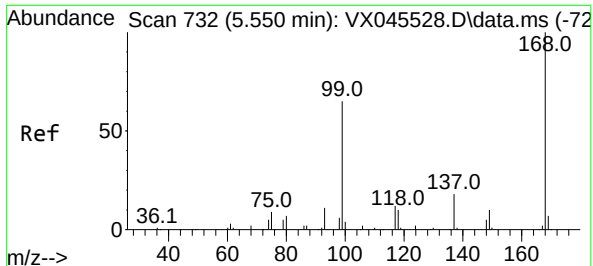
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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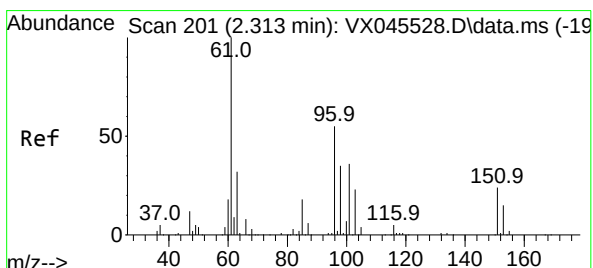
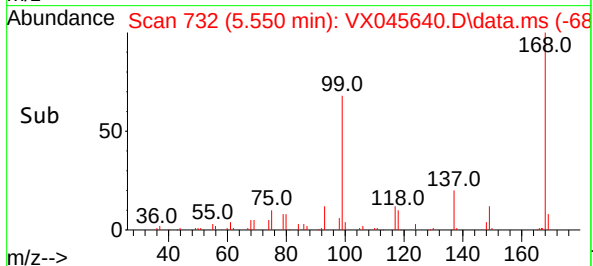
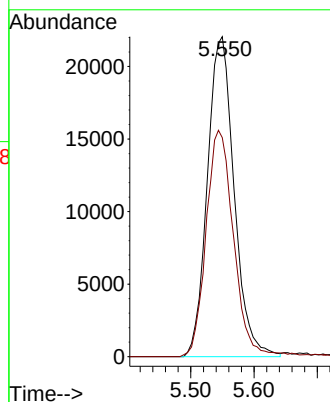
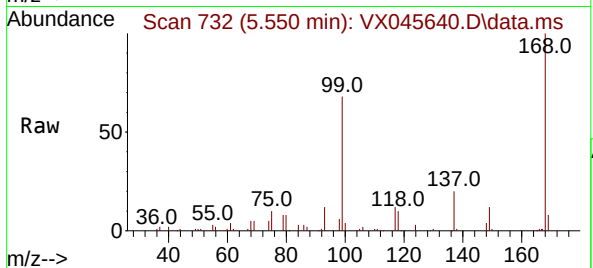




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX045640.D
Acq: 08 Apr 2025 10:32

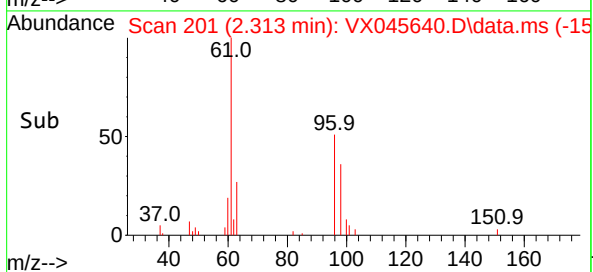
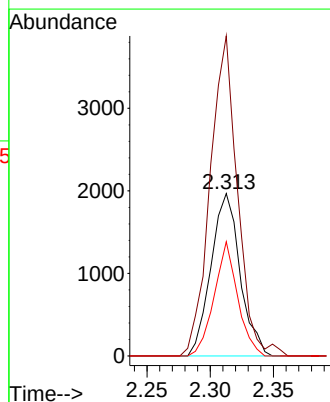
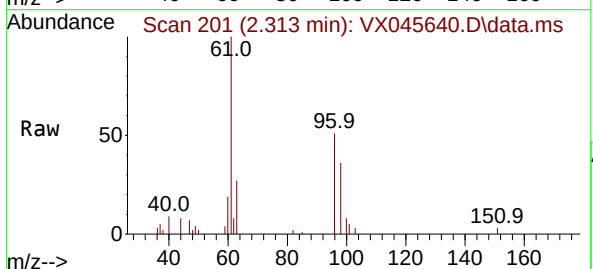
Instrument :
MSVOA_X
ClientSampleId :
RMW-02B-66-040425

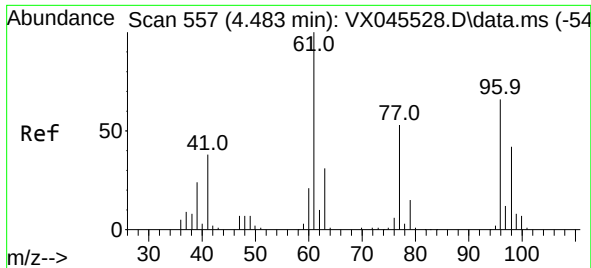
Tgt Ion:168 Resp: 64814
Ion Ratio Lower Upper
168 100
99 68.5 52.3 78.5



#12
1,1-Dichloroethene
Concen: 4.042 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX045640.D
Acq: 08 Apr 2025 10:32

Tgt Ion: 96 Resp: 3145
Ion Ratio Lower Upper
96 100
61 197.0 145.7 218.5
98 70.3 51.6 77.4



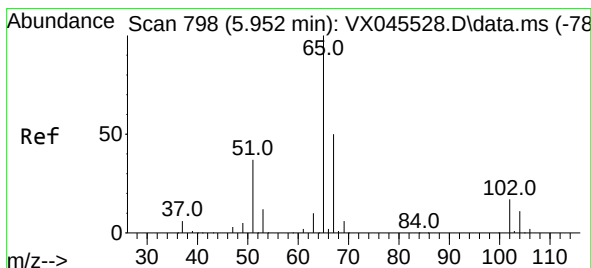
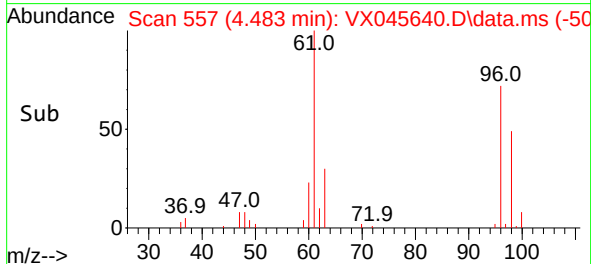
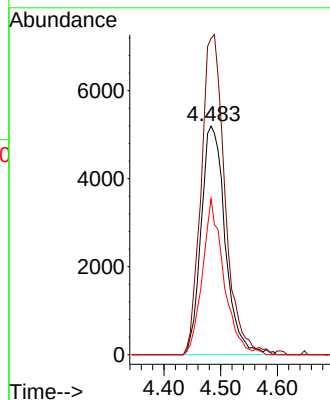
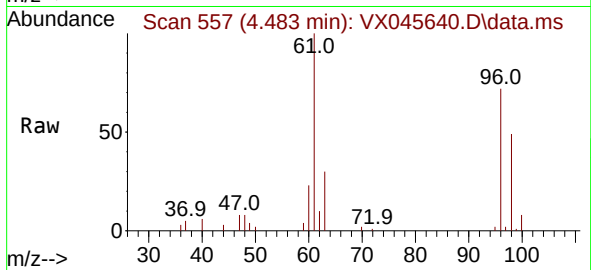


#27
 cis-1,2-Dichloroethene
 Concen: 15.821 ug/l
 RT: 4.483 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VX045640.D
 Acq: 08 Apr 2025 10:32

Instrument :
 MSVOA_X
 ClientSampleId :
 RMW-02B-66-040425

Tgt Ion: 96 Resp: 15322

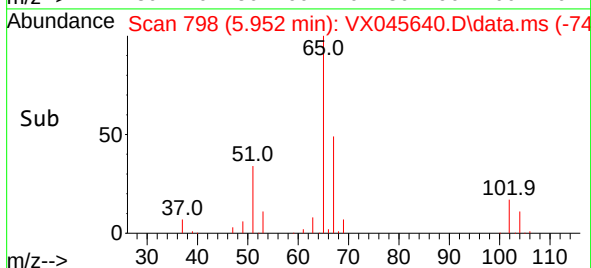
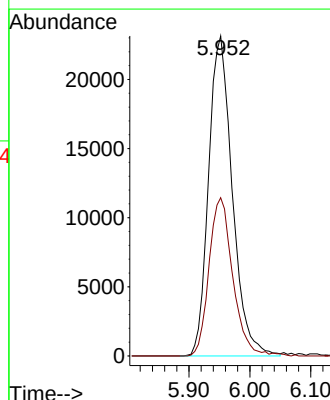
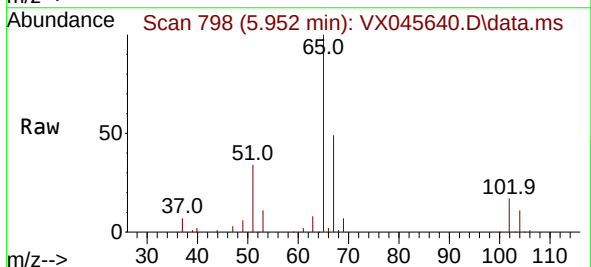
Ion	Ratio	Lower	Upper
96	100		
61	138.6	0.0	313.2
98	60.9	0.0	126.4

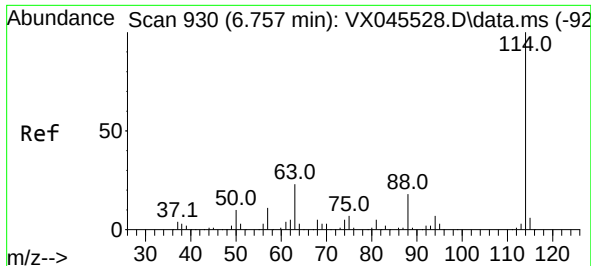


#33
 1,2-Dichloroethane-d4
 Concen: 52.828 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX045640.D
 Acq: 08 Apr 2025 10:32

Tgt Ion: 65 Resp: 62616

Ion	Ratio	Lower	Upper
65	100		
67	49.5	0.0	99.0

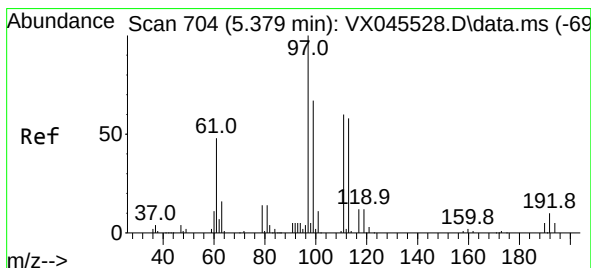
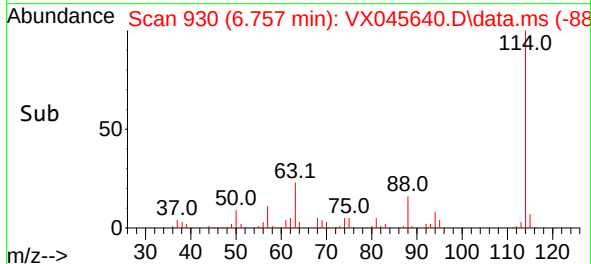
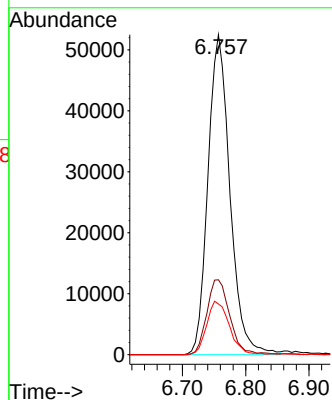
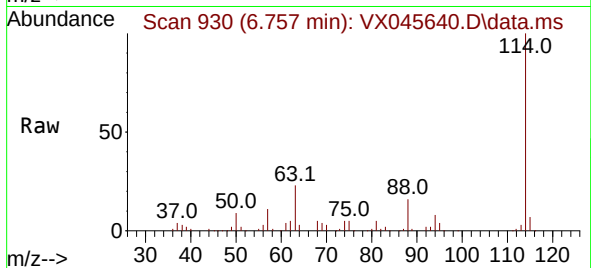




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX045640.D
Acq: 08 Apr 2025 10:32

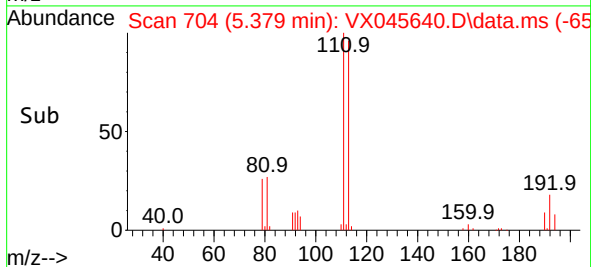
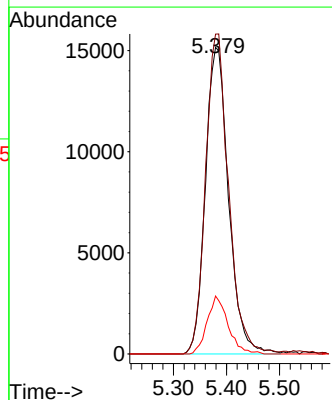
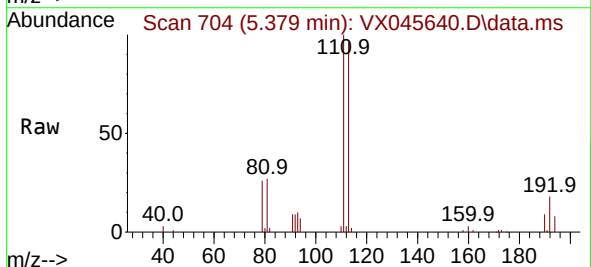
Instrument :
MSVOA_X
ClientSampleId :
RMW-02B-66-040425

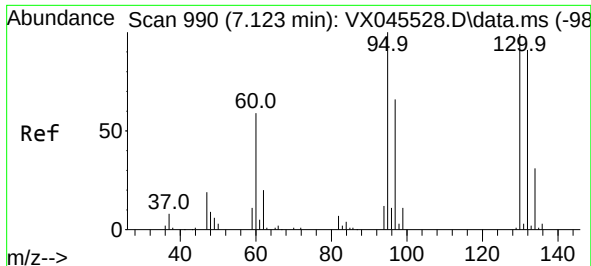
Tgt Ion:114 Resp: 126812
Ion Ratio Lower Upper
114 100
63 23.4 0.0 46.8
88 15.9 0.0 35.4



#35
Dibromofluoromethane
Concen: 51.209 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX045640.D
Acq: 08 Apr 2025 10:32

Tgt Ion:113 Resp: 46074
Ion Ratio Lower Upper
113 100
111 103.1 81.8 122.6
192 17.0 13.8 20.6

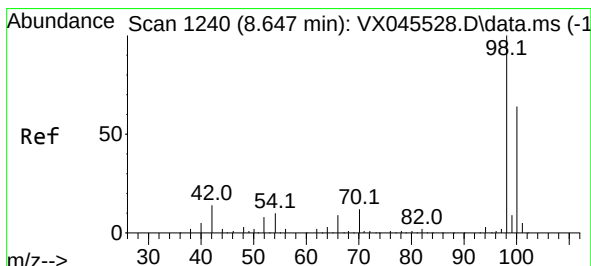
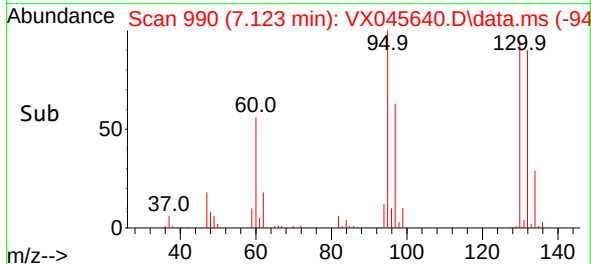
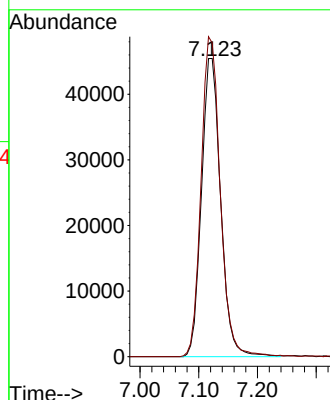
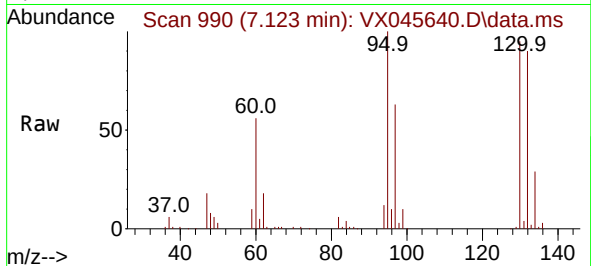




#44
Trichloroethene
Concen: 117.179 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX045640.D
Acq: 08 Apr 2025 10:32

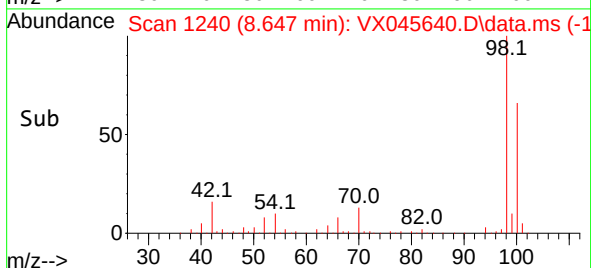
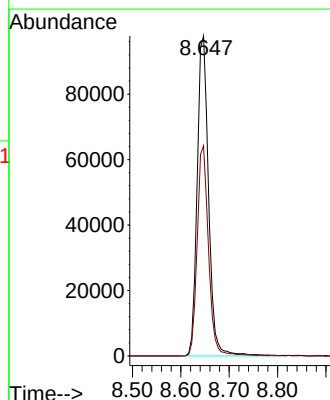
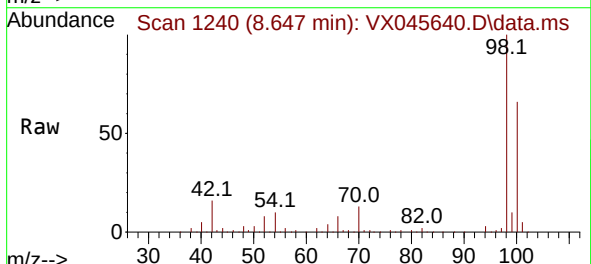
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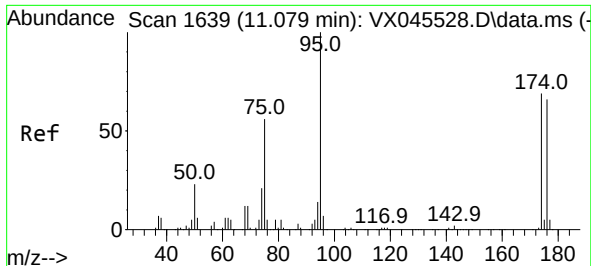
Tgt Ion:130 Resp: 103334
Ion Ratio Lower Upper
130 100
95 105.2 0.0 202.0



#50
Toluene-d8
Concen: 50.914 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045640.D
Acq: 08 Apr 2025 10:32

Tgt Ion: 98 Resp: 159892
Ion Ratio Lower Upper
98 100
100 65.2 52.2 78.4

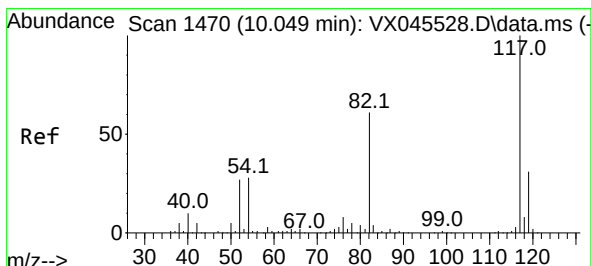
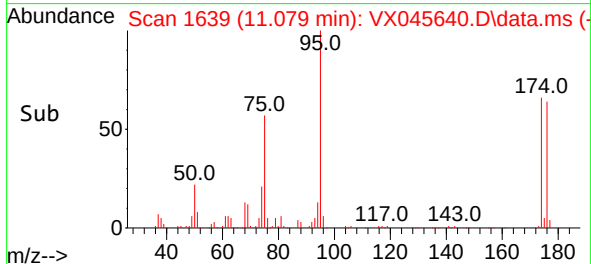
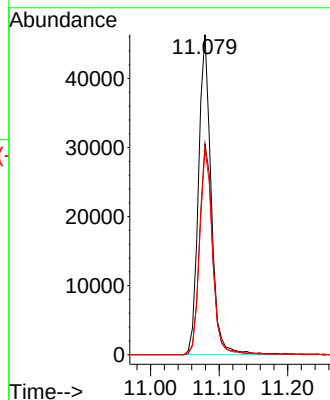
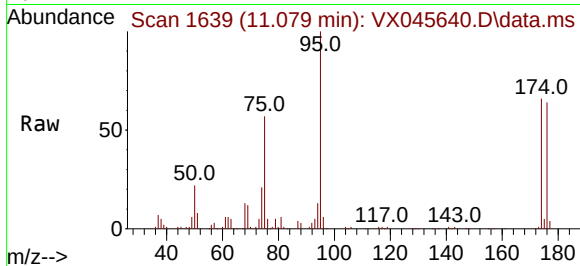




#62
4-Bromofluorobenzene
Concen: 52.068 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045640.D
Acq: 08 Apr 2025 10:32

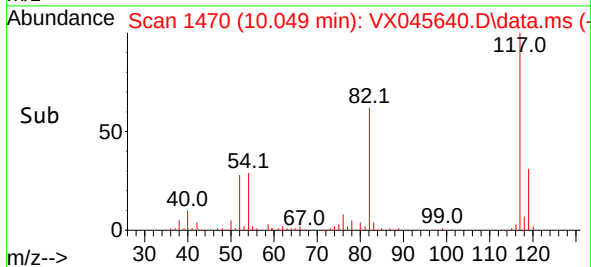
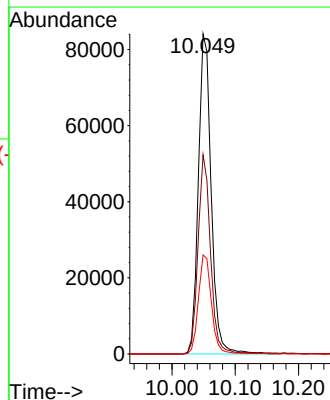
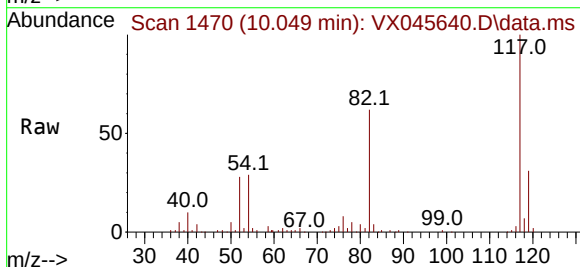
Instrument :
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RMW-02B-66-040425

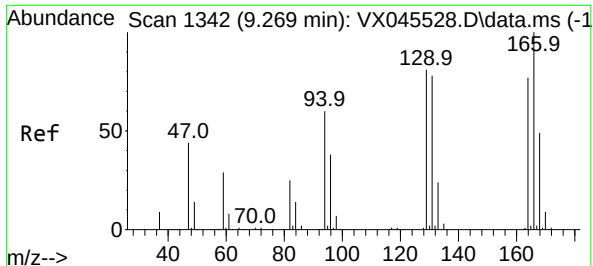
Tgt Ion: 95 Resp: 59561
Ion Ratio Lower Upper
95 100
174 67.5 0.0 135.8
176 65.4 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045640.D
Acq: 08 Apr 2025 10:32

Tgt Ion: 117 Resp: 119119
Ion Ratio Lower Upper
117 100
82 62.2 49.2 73.8
119 30.9 25.1 37.7



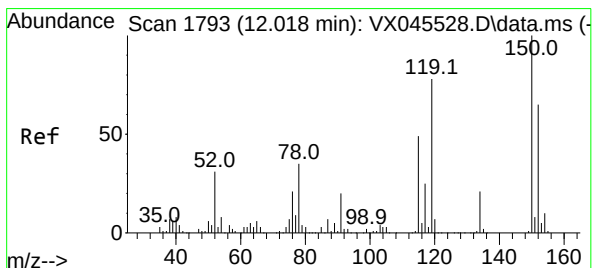
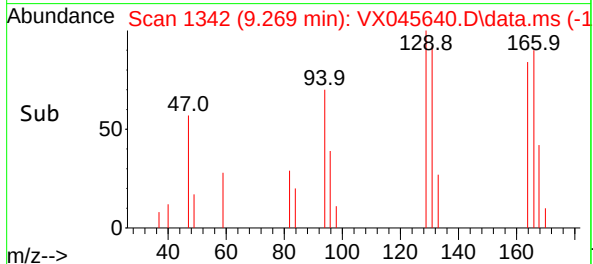
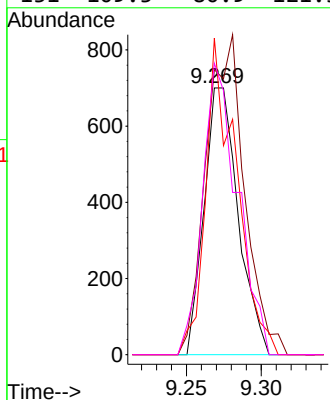
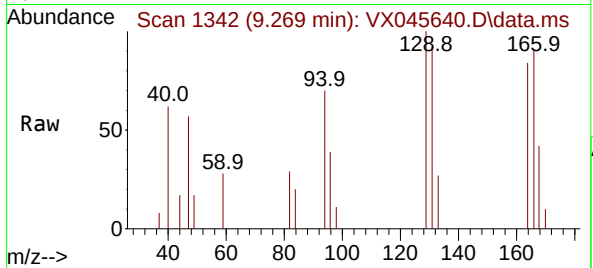


#64
Tetrachloroethene
Concen: 1.316 ug/l
RT: 9.269 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045640.D
Acq: 08 Apr 2025 10:32

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:164 Resp: 1107

Ion	Ratio	Lower	Upper
164	100		
166	106.9	103.8	155.8
129	118.7	84.3	126.5
131	109.3	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: VX045640.D
Acq: 08 Apr 2025 10:32

Tgt Ion:152 Resp: 50101

Ion	Ratio	Lower	Upper
152	100		
115	65.2	46.9	140.7
150	157.0	0.0	349.4

