

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032025\
 Data File : VX045353.D
 Acq On : 20 Mar 2025 12:07
 Operator : JC/MD
 Sample : Q1559-22DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE120D2-20250312DL

Quant Time: Mar 21 01:45:16 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)

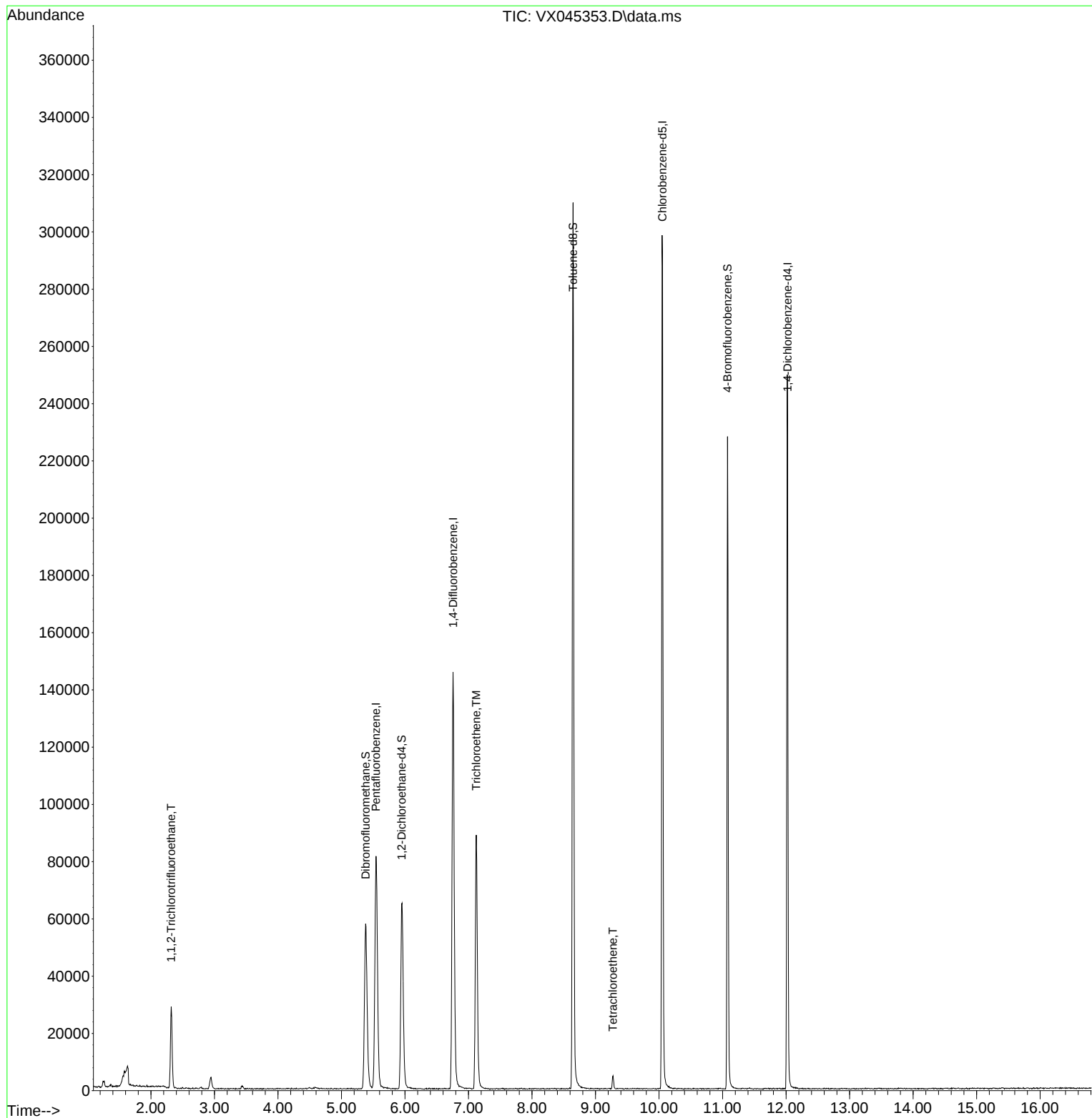
Internal Standards						
1) Pentafluorobenzene	5.544	168	72808	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	141715	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	127752	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	48615	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	63476	54.810	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.620%	
35) Dibromofluoromethane	5.379	113	49703	52.451	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.900%	
50) Toluene-d8	8.647	98	177305	51.611	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.220%	
62) 4-Bromofluorobenzene	11.079	95	58857	51.702	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 103.400%	
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.319	101	10962	12.954	ug/l	99
44) Trichloroethene	7.123	130	33503	34.769	ug/l	98
64) Tetrachloroethene	9.275	164	765	0.935	ug/l #	84

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

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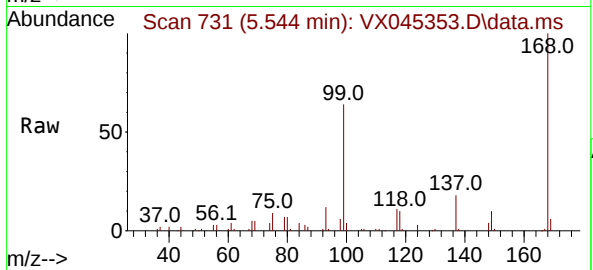
Quant Time: Mar 21 01:45:16 2025
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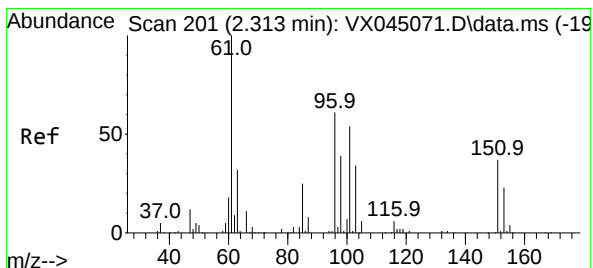
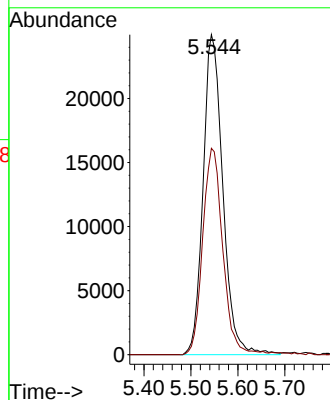
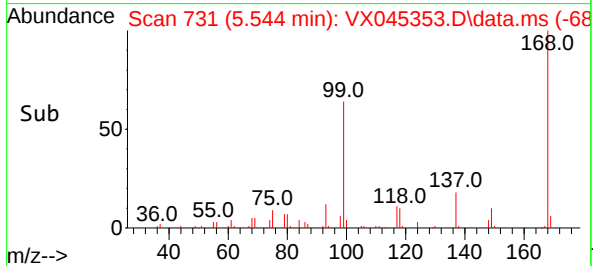


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045353.D
Acq: 20 Mar 2025 12:07

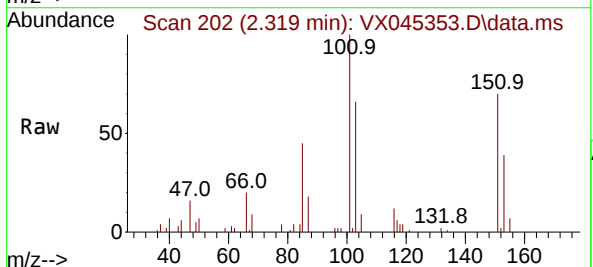
Instrument :
MSVOA_X
ClientSampleId :
RE120D2-20250312DL



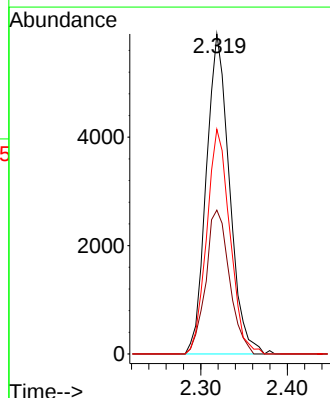
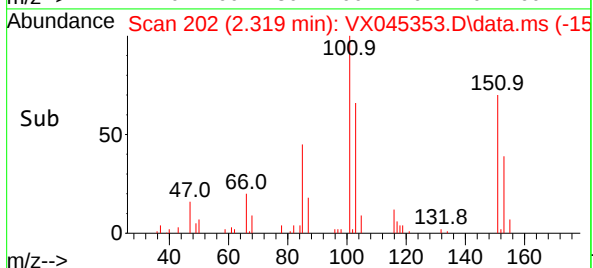
Tgt Ion:168 Resp: 72808
Ion Ratio Lower Upper
168 100
99 64.5 48.2 72.4



#9
1,1,2-Trichlorotrifluoroethane
Concen: 12.954 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX045353.D
Acq: 20 Mar 2025 12:07



Tgt Ion:101 Resp: 10962
Ion Ratio Lower Upper
101 100
85 46.0 36.2 54.4
151 70.3 56.4 84.6

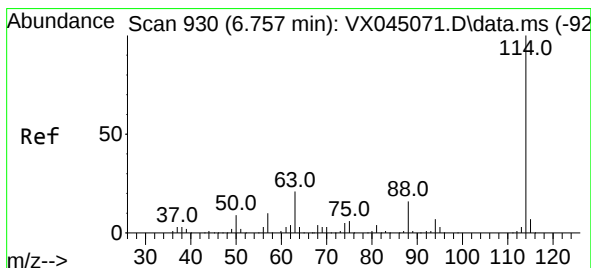
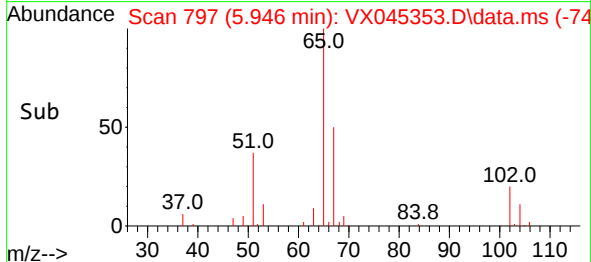
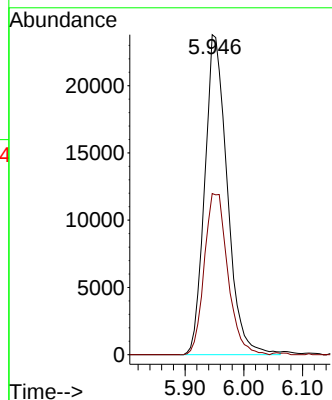
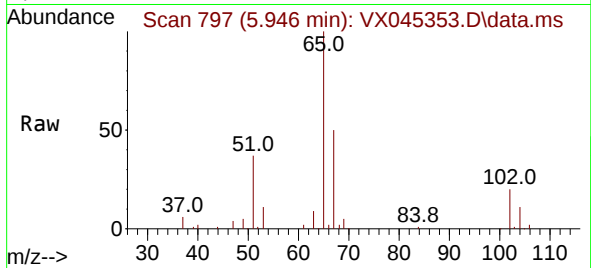




#33
 1,2-Dichloroethane-d4
 Concen: 54.810 ug/l
 RT: 5.946 min Scan# 798
 Delta R.T. -0.006 min
 Lab File: VX045353.D
 Acq: 20 Mar 2025 12:07

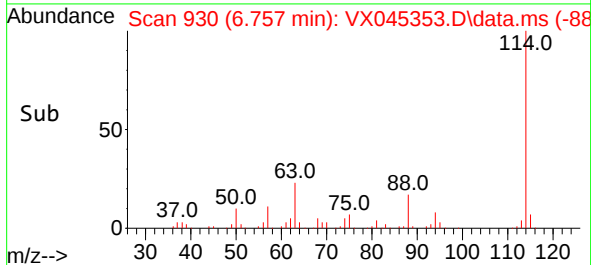
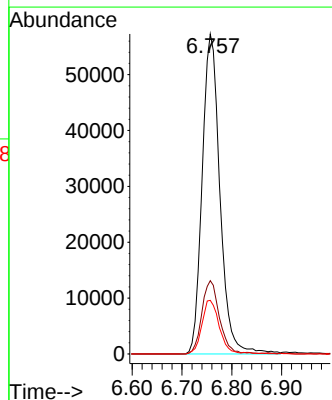
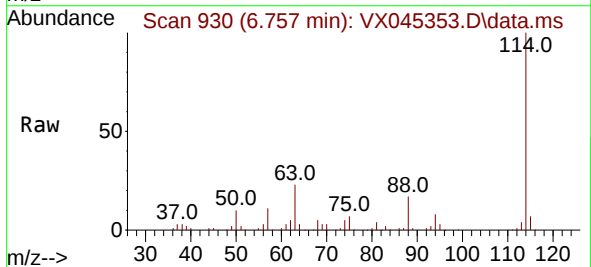
Instrument :
 MSVOA_X
 ClientSampleId :
 RE120D2-20250312DL

Tgt Ion: 65 Resp: 63476
 Ion Ratio Lower Upper
 65 100
 67 52.4 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: VX045353.D
 Acq: 20 Mar 2025 12:07

Tgt Ion: 114 Resp: 141715
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 41.8
 88 16.7 0.0 32.8



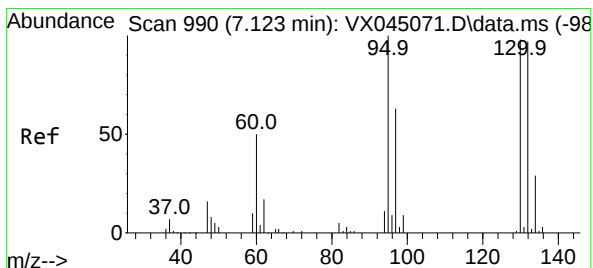
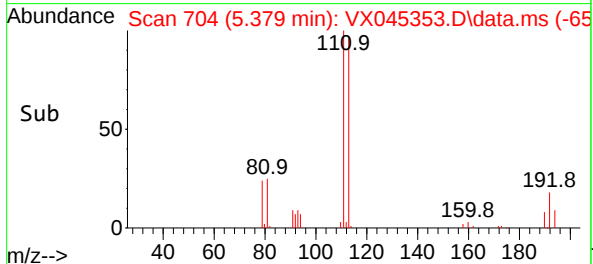
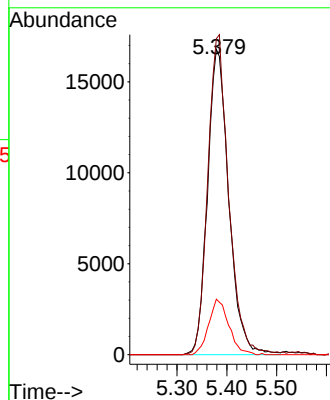
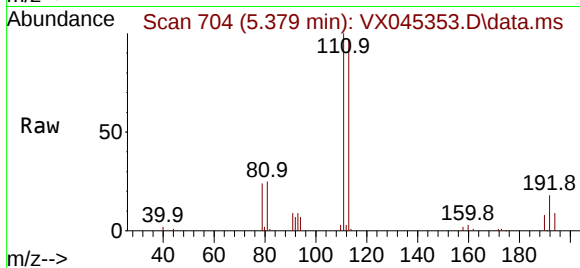


#35
 Dibromofluoromethane
 Concen: 52.451 ug/l
 RT: 5.379 min Scan# 705
 Delta R.T. -0.006 min
 Lab File: VX045353.D
 Acq: 20 Mar 2025 12:07

Instrument :
 MSVOA_X
 ClientSampleId :
 RE120D2-20250312DL

Tgt Ion:113 Resp: 49703

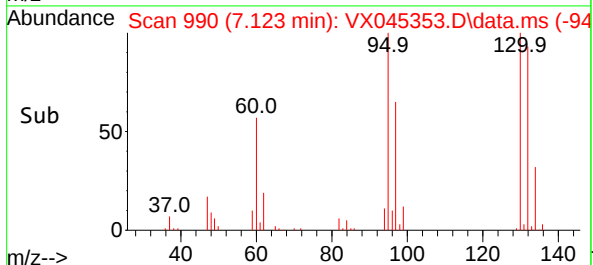
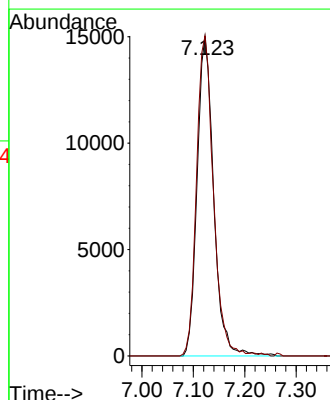
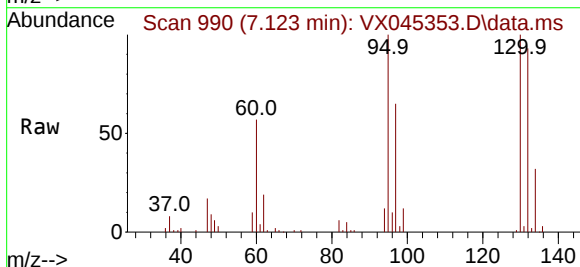
Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.8	122.6
192	17.2	14.3	21.5

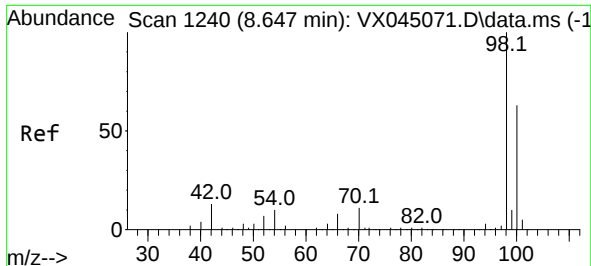


#44
 Trichloroethene
 Concen: 34.769 ug/l
 RT: 7.123 min Scan# 990
 Delta R.T. -0.000 min
 Lab File: VX045353.D
 Acq: 20 Mar 2025 12:07

Tgt Ion:130 Resp: 33503

Ion	Ratio	Lower	Upper
130	100		
95	100.2	0.0	205.0

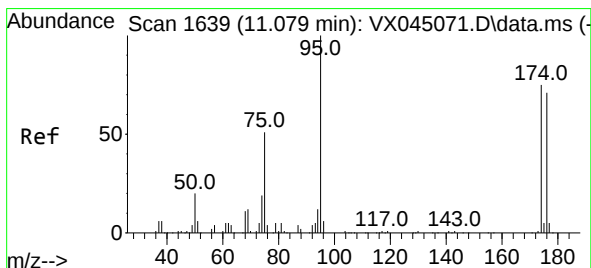
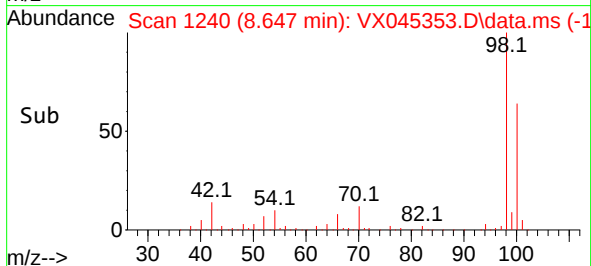
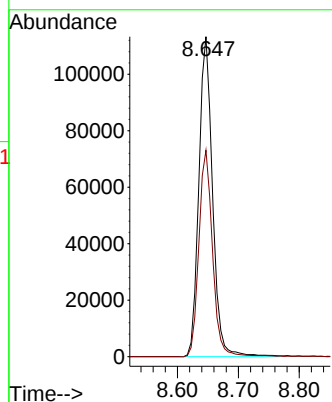
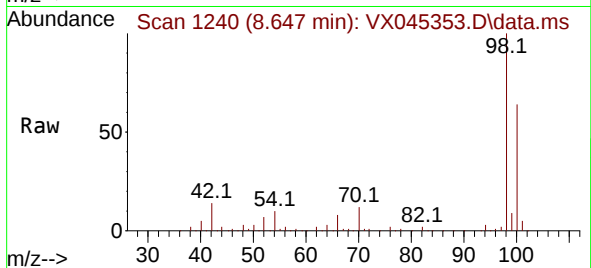




#50
Toluene-d8
Concen: 51.611 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045353.D
Acq: 20 Mar 2025 12:07

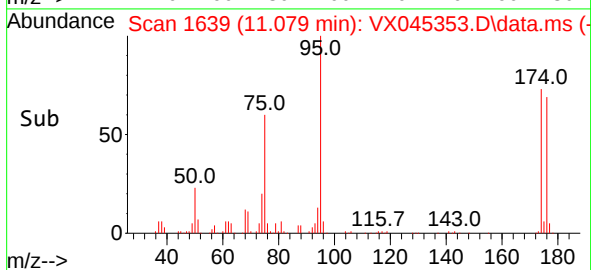
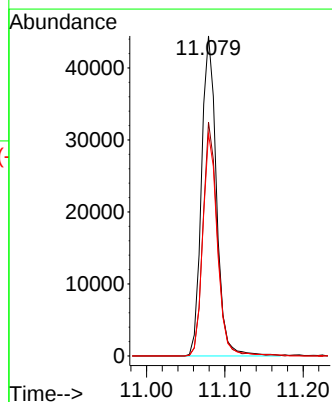
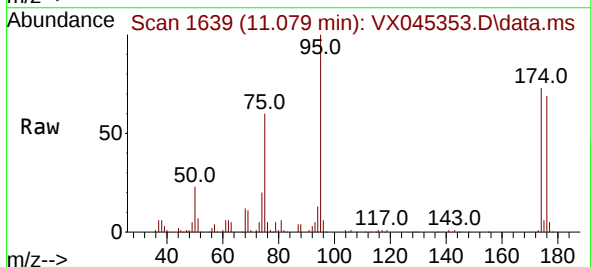
Instrument :
MSVOA_X
ClientSampleId :
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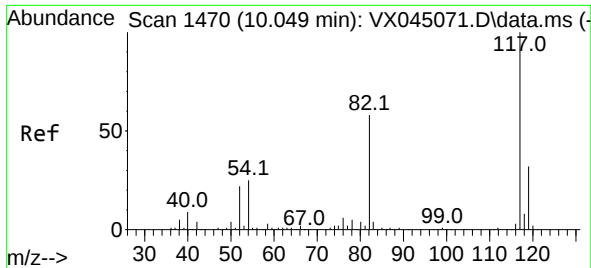
Tgt Ion: 98 Resp: 177305
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 51.702 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045353.D
Acq: 20 Mar 2025 12:07

Tgt Ion: 95 Resp: 58857
Ion Ratio Lower Upper
95 100
174 70.7 0.0 148.2
176 68.2 0.0 141.4

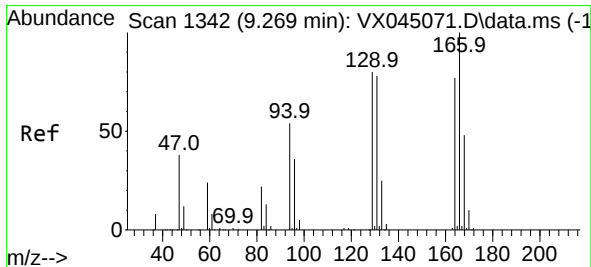
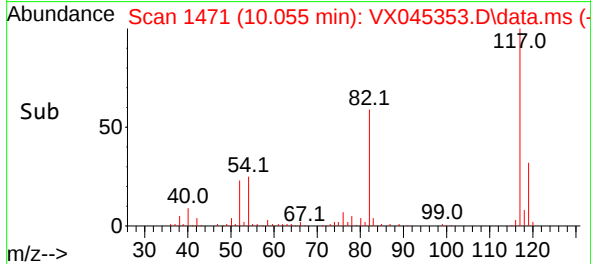
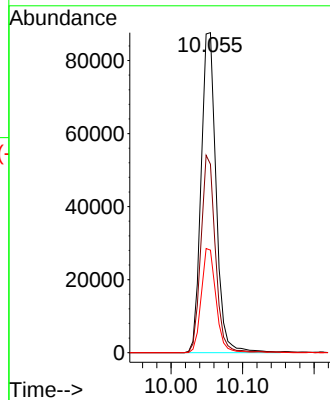
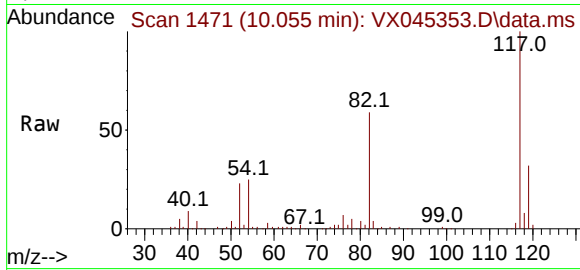




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX045353.D
Acq: 20 Mar 2025 12:07

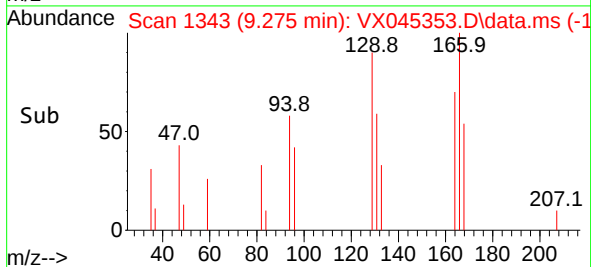
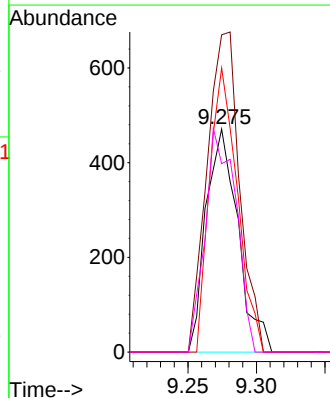
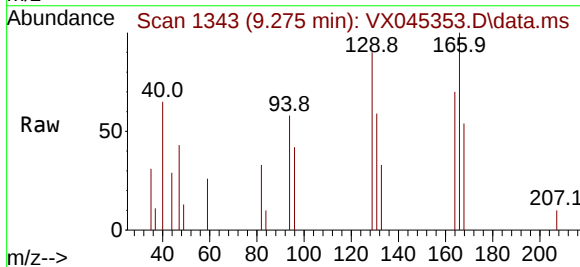
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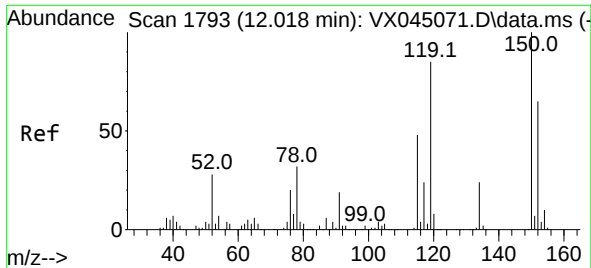
Tgt Ion:117 Resp: 127752
Ion Ratio Lower Upper
117 100
82 58.9 46.3 69.5
119 32.1 25.7 38.5



#64
Tetrachloroethene
Concen: 0.935 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VX045353.D
Acq: 20 Mar 2025 12:07

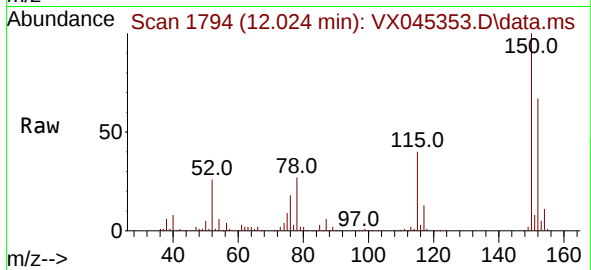
Tgt Ion:164 Resp: 765
Ion Ratio Lower Upper
164 100
166 142.3 103.6 155.4
129 127.4 82.7 124.1#
131 84.5 80.5 120.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX045353.D
 Acq: 20 Mar 2025 12:07

Instrument :
 MSVOA_X
 ClientSampleId :
 RE120D2-20250312DL



Tgt Ion:152 Resp: 48615
 Ion Ratio Lower Upper
 152 100
 115 62.4 44.2 132.6
 150 155.9 0.0 349.0

