

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032025\
 Data File : VX045354.D
 Acq On : 20 Mar 2025 12:30
 Operator : JC/MD
 Sample : Q1559-21DL 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE120D3-20250312DL

Quant Time: Mar 21 01:45:40 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)

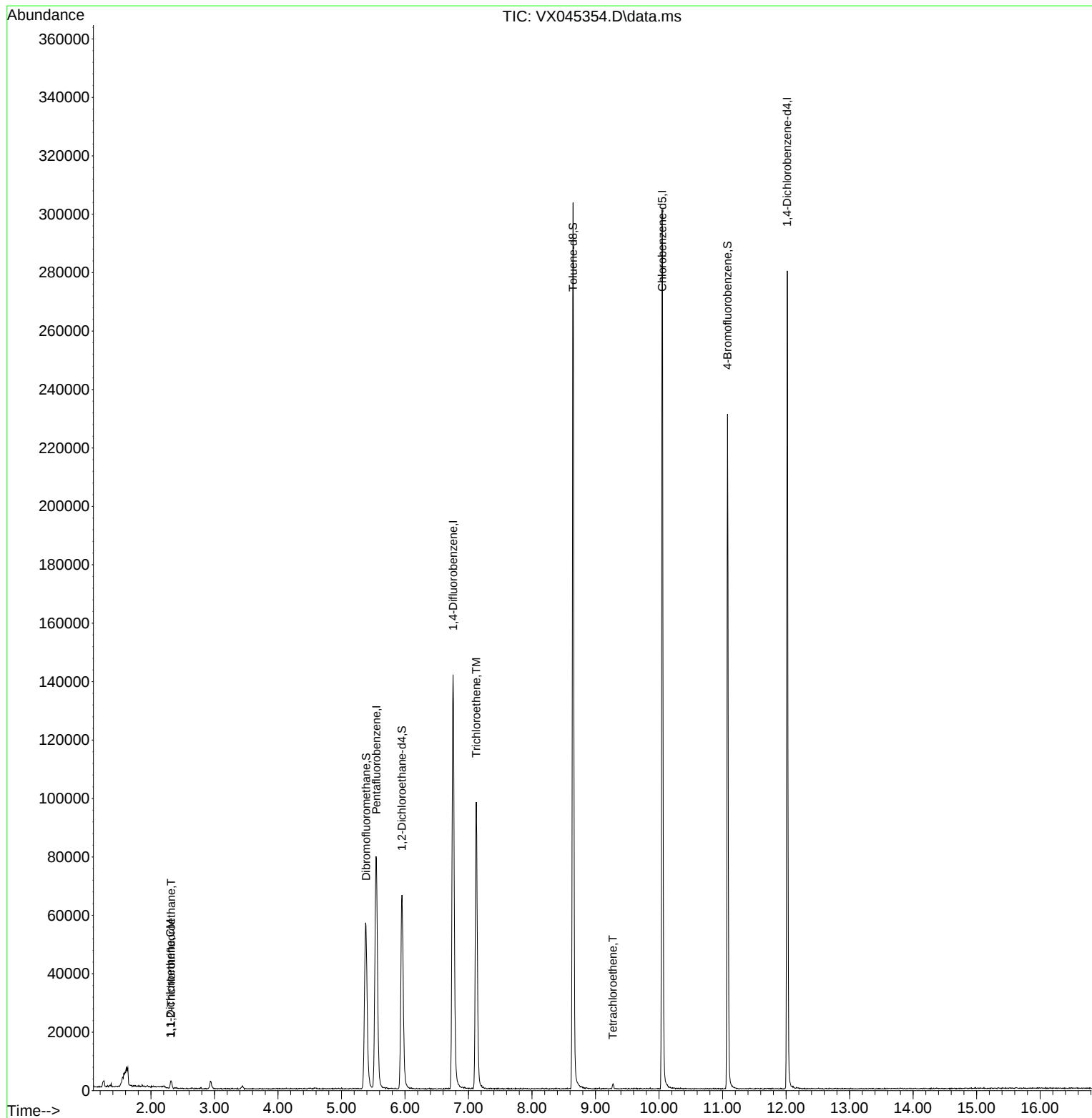
Internal Standards						
1) Pentafluorobenzene	5.550	168	71455	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	139830	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	126173	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	53223	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	64357	56.623	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	113.240%
35) Dibromofluoromethane	5.385	113	49428	52.864	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.720%
50) Toluene-d8	8.647	98	172491	50.886	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.780%
62) 4-Bromofluorobenzene	11.079	95	59332	52.822	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	105.640%
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.319	101	936	1.127	ug/l	89
12) 1,1-Dichloroethene	2.306	96	386	0.440	ug/l #	77
44) Trichloroethene	7.123	130	36938	38.851	ug/l	96
64) Tetrachloroethene	9.275	164	285	0.353	ug/l #	73

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

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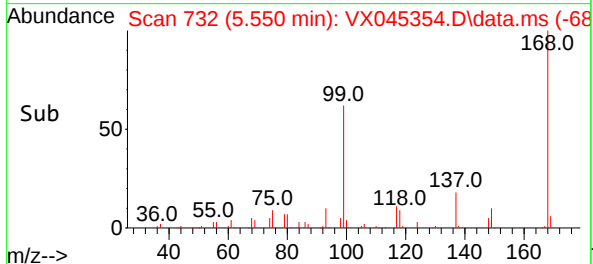
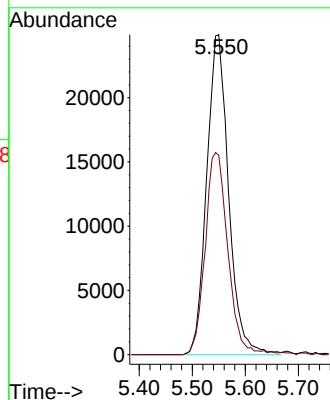
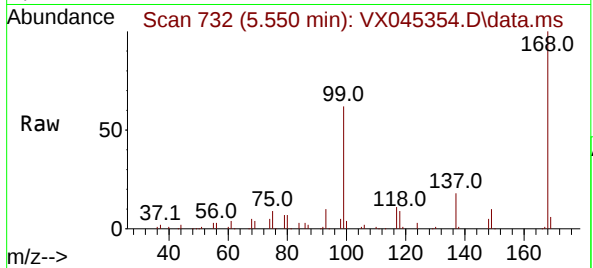




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045354.D
Acq: 20 Mar 2025 12:30

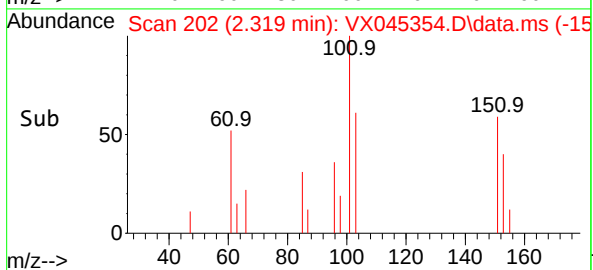
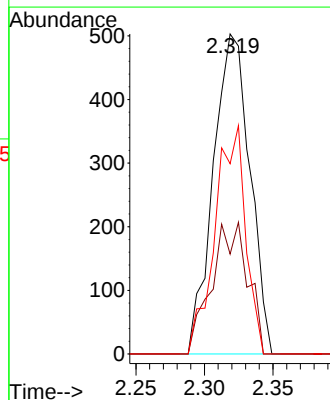
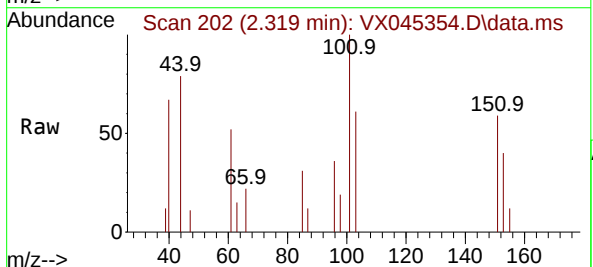
Instrument :
MSVOA_X
ClientSampleId :
RE120D3-20250312DL

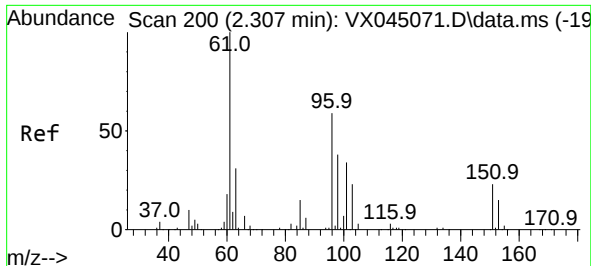
Tgt Ion:168 Resp: 71455
Ion Ratio Lower Upper
168 100
99 62.3 48.2 72.4



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.127 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX045354.D
Acq: 20 Mar 2025 12:30

Tgt Ion:101 Resp: 936
Ion Ratio Lower Upper
101 100
85 40.4 36.2 54.4
151 59.4 56.4 84.6





#12

1,1-Dichloroethene

Concen: 0.440 ug/l

RT: 2.306 min Scan# 20

Delta R.T. -0.000 min

Lab File: VX045354.D

Acq: 20 Mar 2025 12:30

Instrument :

MSVOA_X

ClientSampleId :

RE120D3-20250312DL

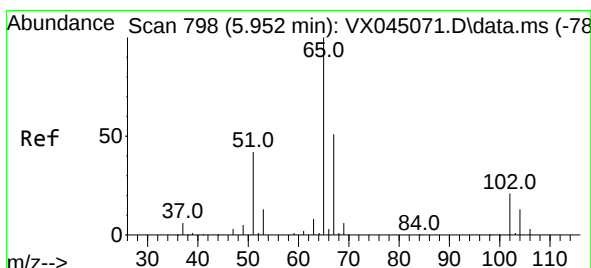
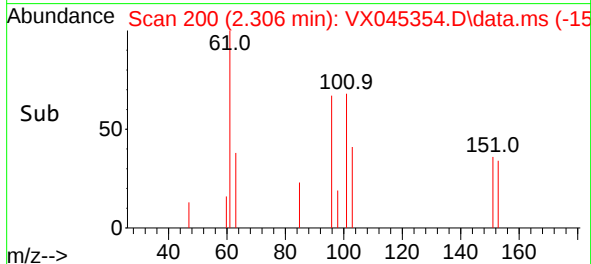
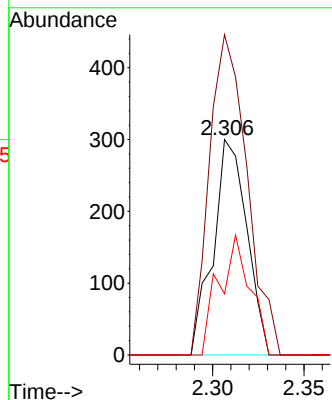
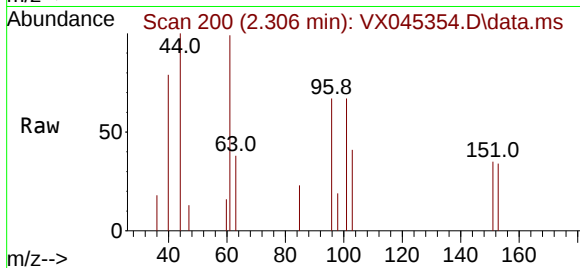
Tgt Ion: 96 Resp: 386

Ion Ratio Lower Upper

96 100

61 148.7 134.6 202.0

98 28.3 51.0 76.6#



#33

1,2-Dichloroethane-d4

Concen: 56.623 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045354.D

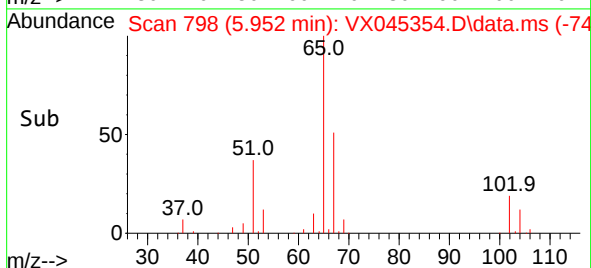
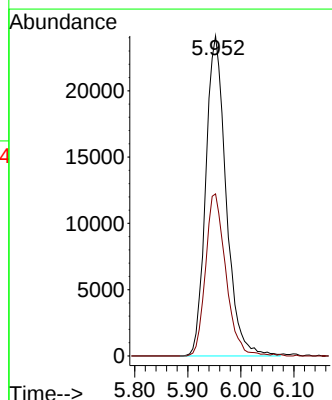
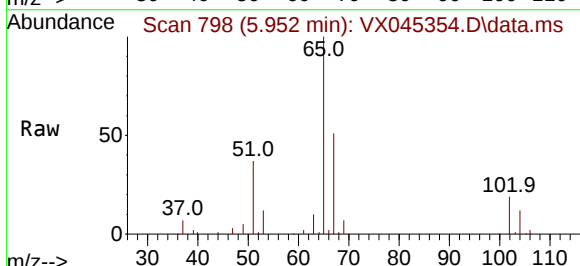
Acq: 20 Mar 2025 12:30

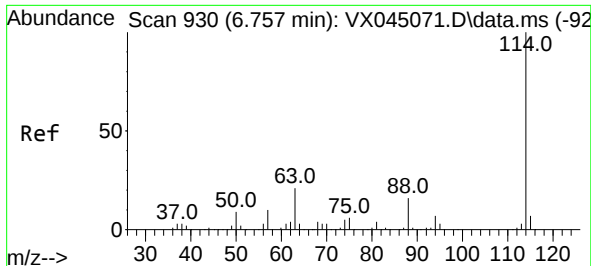
Tgt Ion: 65 Resp: 64357

Ion Ratio Lower Upper

65 100

67 50.4 0.0 106.2

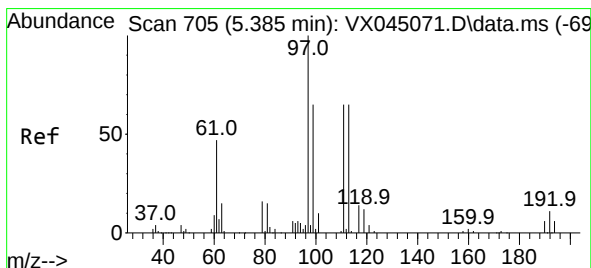
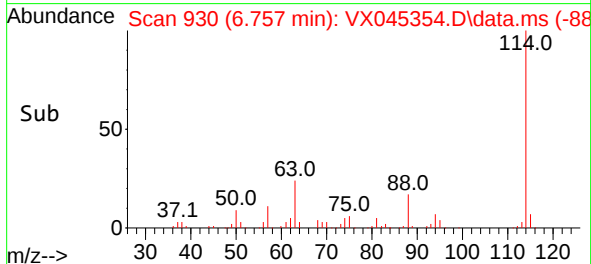
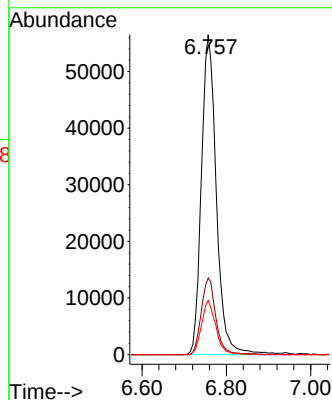
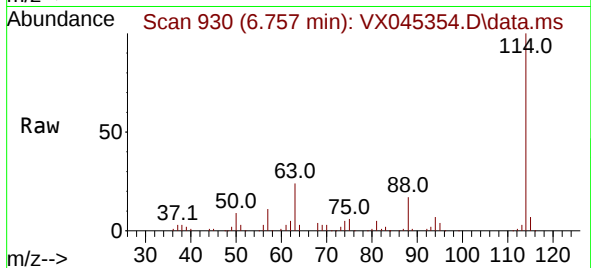




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045354.D
Acq: 20 Mar 2025 12:30

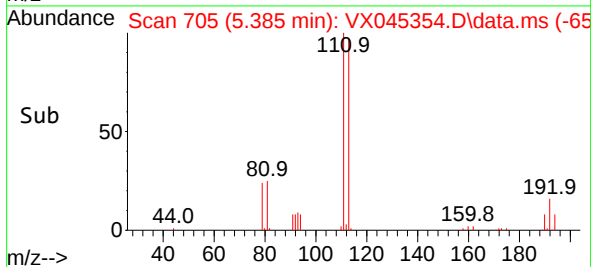
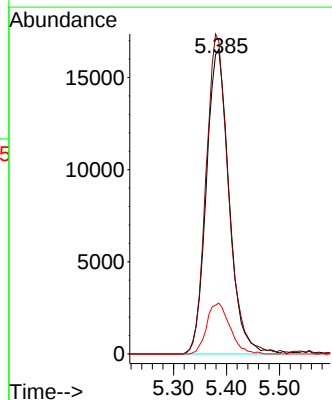
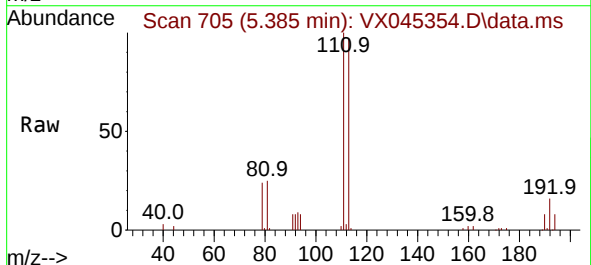
Instrument :
MSVOA_X
ClientSampleId :
RE120D3-20250312DL

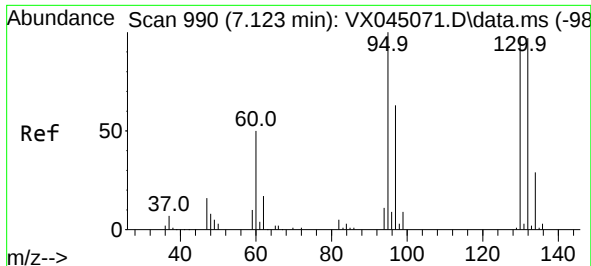
Tgt Ion:114 Resp: 139830
Ion Ratio Lower Upper
114 100
63 24.0 0.0 41.8
88 16.9 0.0 32.8



#35
Dibromofluoromethane
Concen: 52.864 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX045354.D
Acq: 20 Mar 2025 12:30

Tgt Ion:113 Resp: 49428
Ion Ratio Lower Upper
113 100
111 103.4 81.8 122.6
192 16.9 14.3 21.5

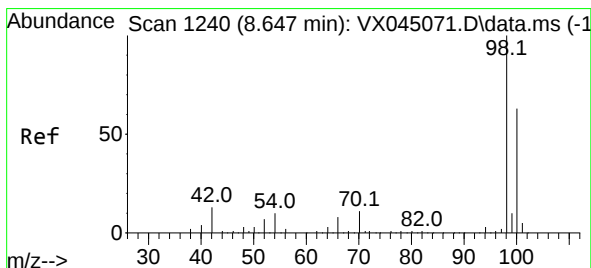
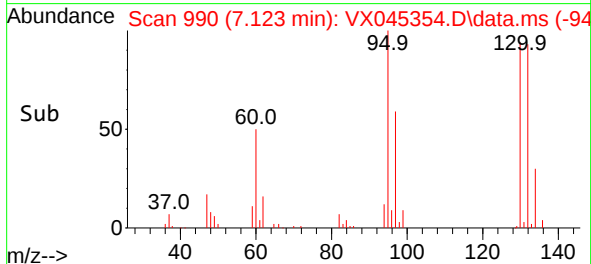
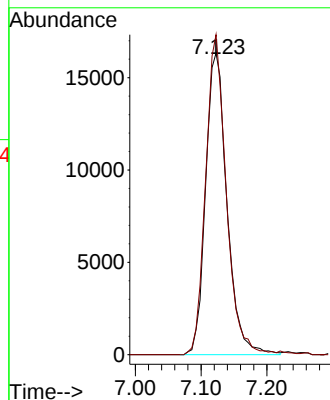
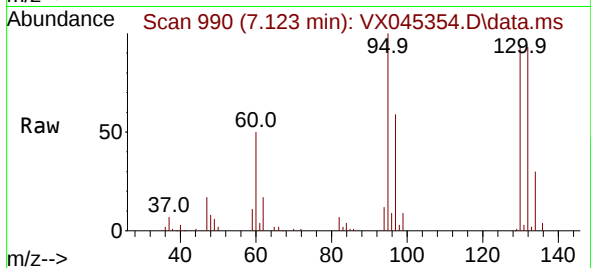




#44
Trichloroethene
Concen: 38.851 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX045354.D
Acq: 20 Mar 2025 12:30

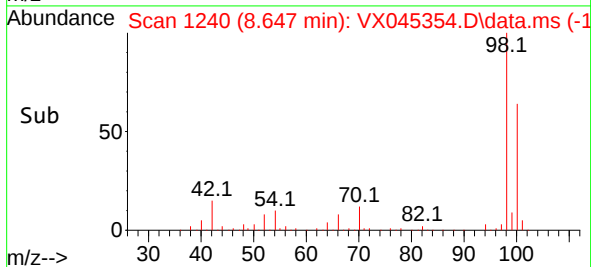
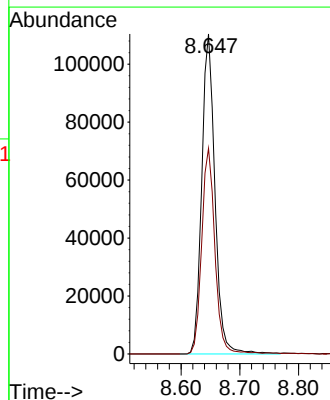
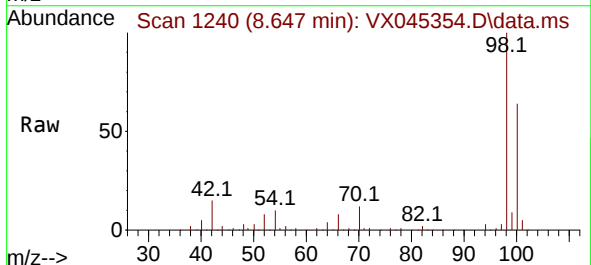
Instrument :
MSVOA_X
ClientSampleId :
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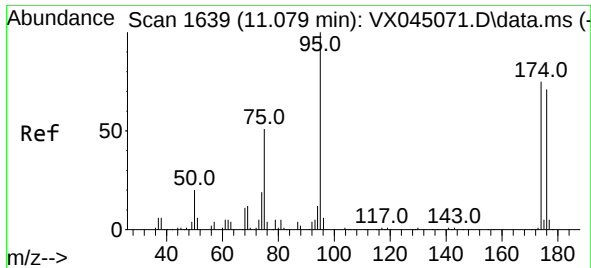
Tgt Ion:130 Resp: 36938
Ion Ratio Lower Upper
130 100
95 106.1 0.0 205.0



#50
Toluene-d8
Concen: 50.886 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045354.D
Acq: 20 Mar 2025 12:30

Tgt Ion: 98 Resp: 172491
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0

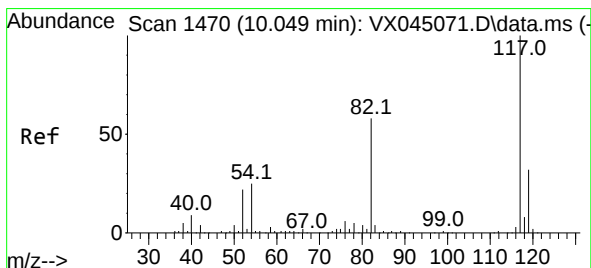
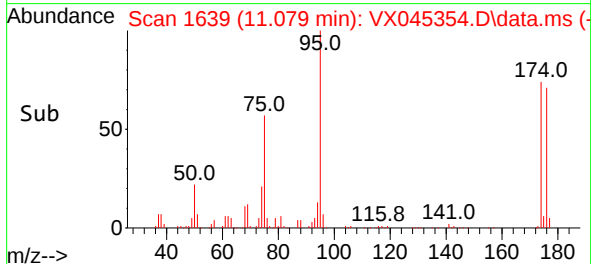
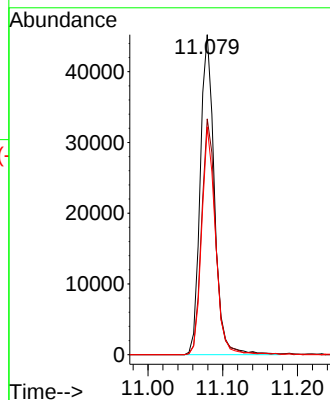
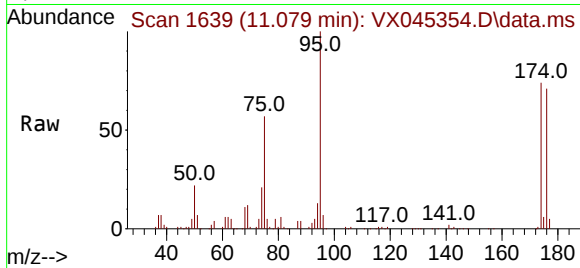




#62
4-Bromofluorobenzene
Concen: 52.822 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045354.D
Acq: 20 Mar 2025 12:30

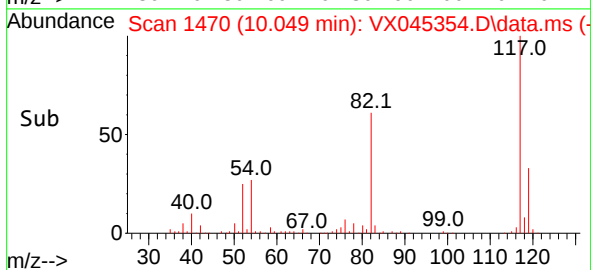
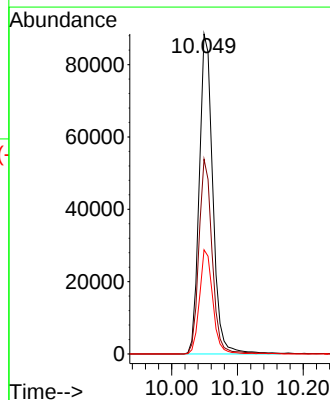
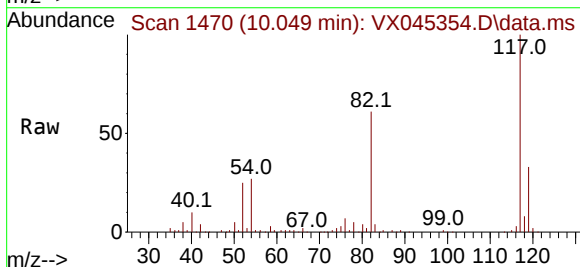
Instrument :
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ClientSampleId :
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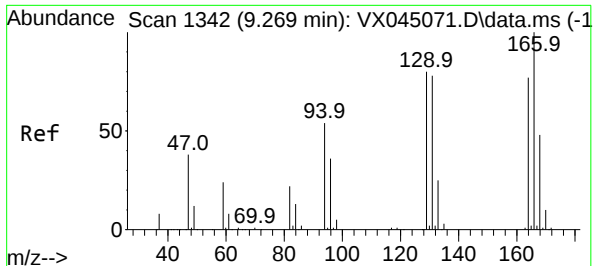
Tgt Ion: 95 Resp: 59332
Ion Ratio Lower Upper
95 100
174 74.0 0.0 148.2
176 69.7 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045354.D
Acq: 20 Mar 2025 12:30

Tgt Ion: 117 Resp: 126173
Ion Ratio Lower Upper
117 100
82 60.8 46.3 69.5
119 32.6 25.7 38.5



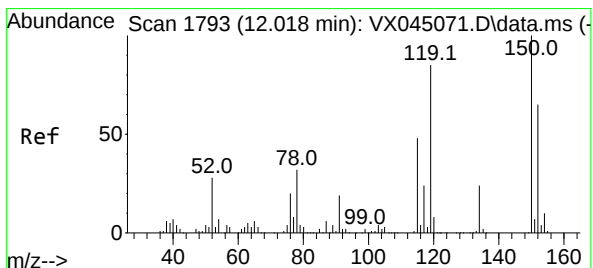
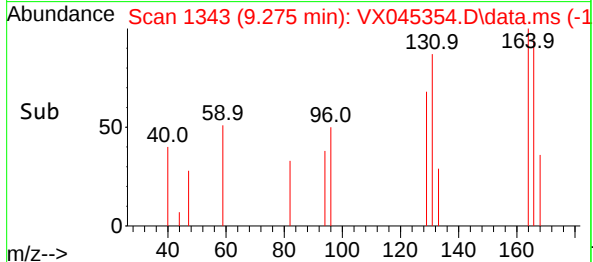
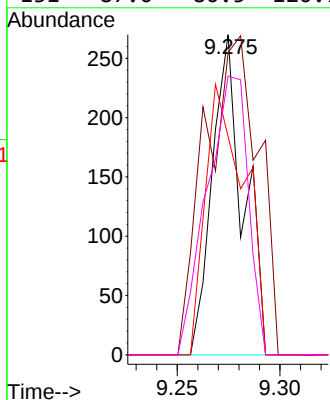
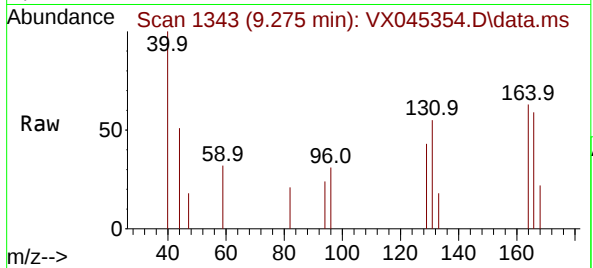


#64
Tetrachloroethene
Concen: 0.353 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX045354.D
Acq: 20 Mar 2025 12:30

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:164 Resp: 285

Ion	Ratio	Lower	Upper
164	100		
166	94.4	103.6	155.4#
129	68.1	82.7	124.1#
131	87.0	80.5	120.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045354.D
Acq: 20 Mar 2025 12:30

Tgt Ion:152 Resp: 53223

Ion	Ratio	Lower	Upper
152	100		
115	62.7	44.2	132.6
150	153.1	0.0	349.0

