

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031825\
 Data File : VX045331.D
 Acq On : 18 Mar 2025 17:34
 Operator : JC/MD
 Sample : Q1559-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP02-20250310

Quant Time: Mar 19 01:48:01 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)

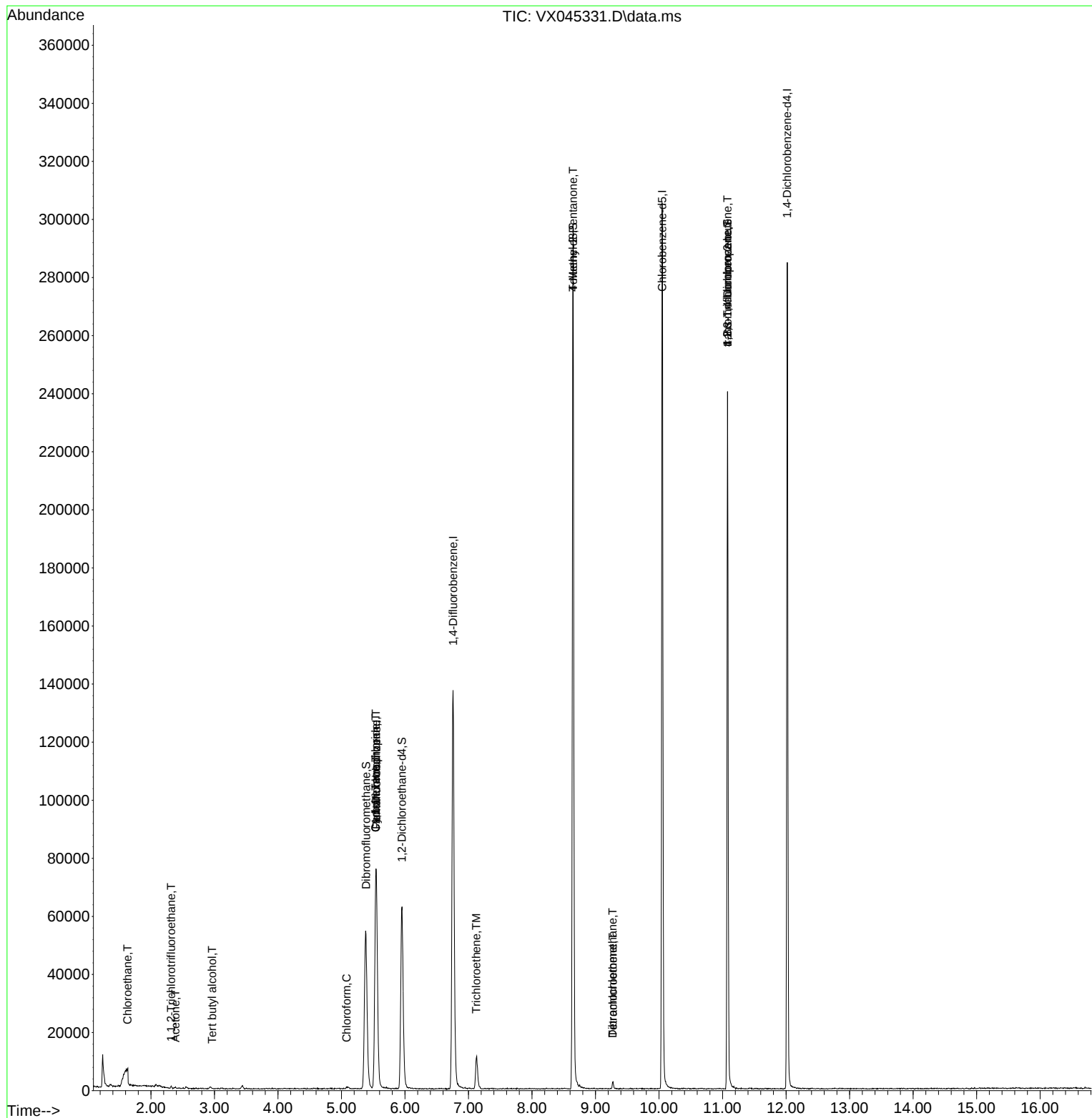
Internal Standards						
1) Pentafluorobenzene	5.550	168	68980	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	136247	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	127765	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	52454	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	61621	56.161	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 112.320%	
35) Dibromofluoromethane	5.385	113	47304	51.923	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.840%	
50) Toluene-d8	8.647	98	170979	51.767	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.540%	
62) 4-Bromofluorobenzene	11.079	95	60718	55.477	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 110.960%	
Target Compounds						
					Qvalue	
6) Chloroethane	1.630	64	105	0.216	ug/l #	41
9) 1,1,2-Trichlorotrifluo...	2.319	101	271	0.338	ug/l #	63
11) Tert butyl alcohol	2.965	59	44	0.212	ug/l #	73
16) Acetone	2.386	43	469	0.921	ug/l #	86
30) Chloroform	5.080	83	1000	0.585	ug/l	99
31) Cyclohexane	5.538	56	2102	1.408	ug/l #	18
36) 1,1-Dichloropropene	5.544	75	6314	5.054	ug/l #	52
38) Carbon Tetrachloride	5.538	117	7627	6.013	ug/l #	14
44) Trichloroethene	7.123	130	4382	4.730	ug/l	94
51) 4-Methyl-2-Pentanone	8.647	43	944	0.591	ug/l #	1
60) Dibromochloromethane	9.269	129	462	0.464	ug/l #	11
64) Tetrachloroethene	9.275	164	489	0.598	ug/l #	69
76) 1,2,3-Trichloropropane	11.079	75	33712	27.613	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	33712	94.497	ug/l #	6

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

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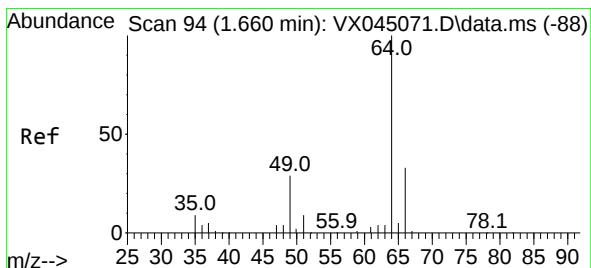
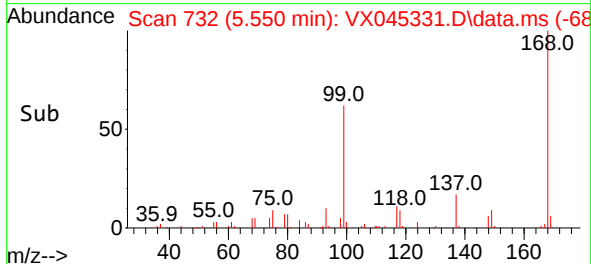
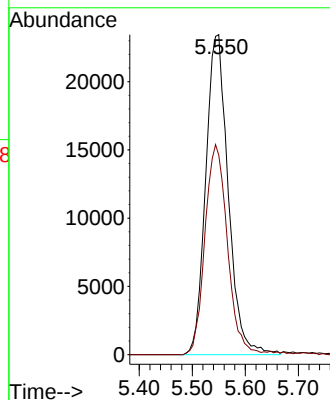
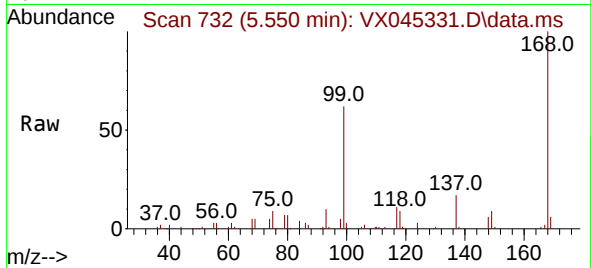




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045331.D
Acq: 18 Mar 2025 17:34

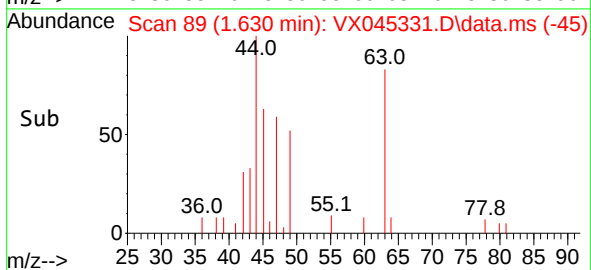
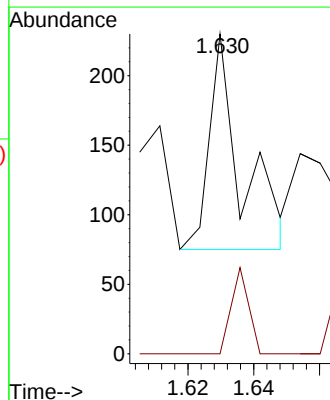
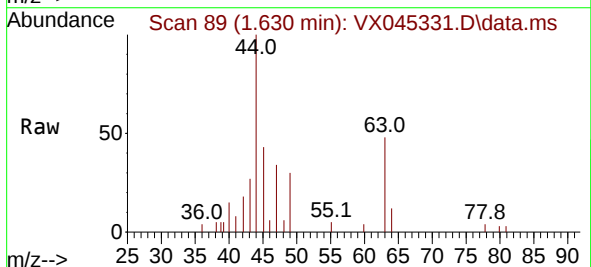
Instrument :
MSVOA_X
ClientSampleId :
DUP02-20250310

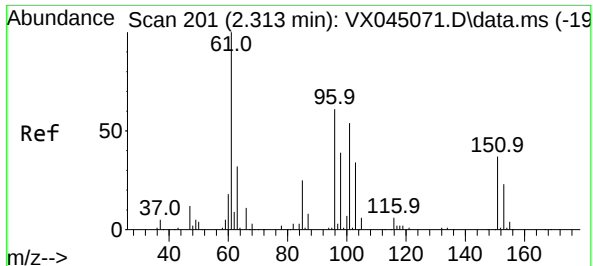
Tgt Ion:168 Resp: 68980
Ion Ratio Lower Upper
168 100
99 62.4 48.2 72.4



#6
Chloroethane
Concen: 0.216 ug/l
RT: 1.630 min Scan# 89
Delta R.T. -0.031 min
Lab File: VX045331.D
Acq: 18 Mar 2025 17:34

Tgt Ion: 64 Resp: 105
Ion Ratio Lower Upper
64 100
66 0.0 26.7 40.1#

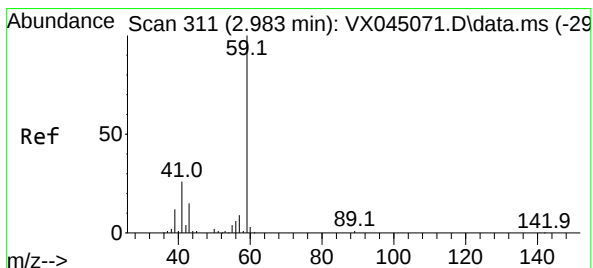
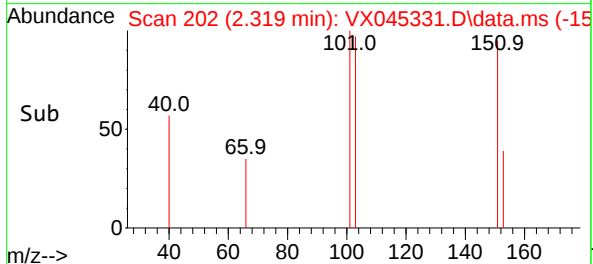
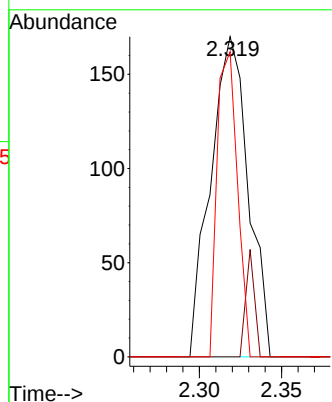
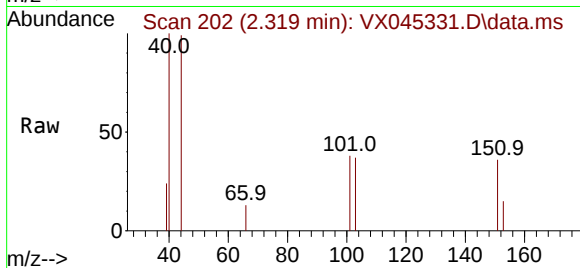




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.338 ug/l
RT: 2.319 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX045331.D
Acq: 18 Mar 2025 17:34

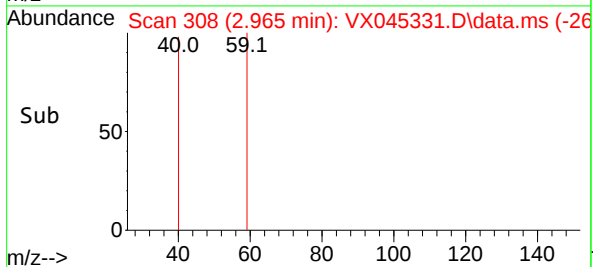
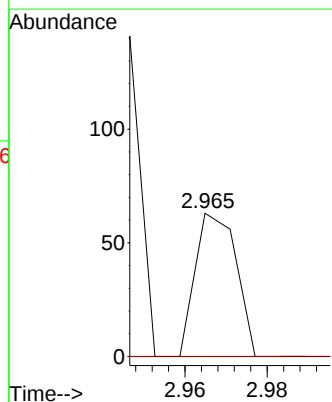
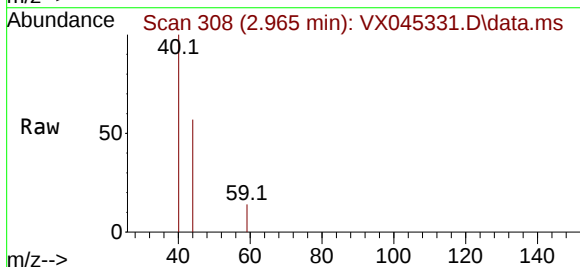
Instrument :
MSVOA_X
ClientSampleId :
DUP02-20250310

Tgt Ion:101 Resp: 271
Ion Ratio Lower Upper
101 100
85 7.7 36.2 54.4#
151 51.3 56.4 84.6#



#11
Tert butyl alcohol
Concen: 0.212 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.018 min
Lab File: VX045331.D
Acq: 18 Mar 2025 17:34

Tgt Ion: 59 Resp: 44
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

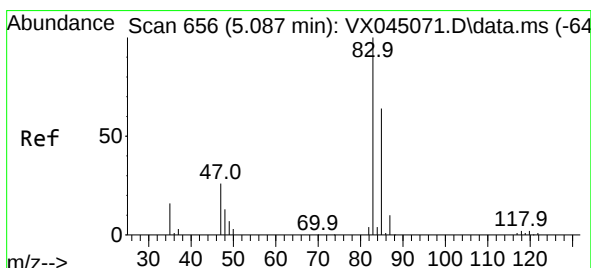
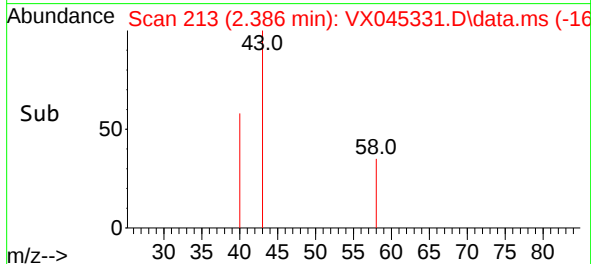
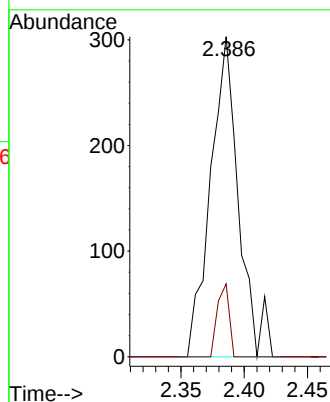
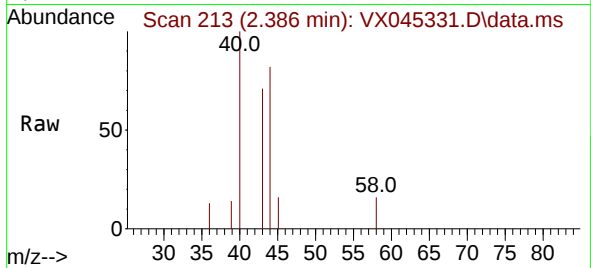




#16
Acetone
Concen: 0.921 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX045331.D
Acq: 18 Mar 2025 17:34

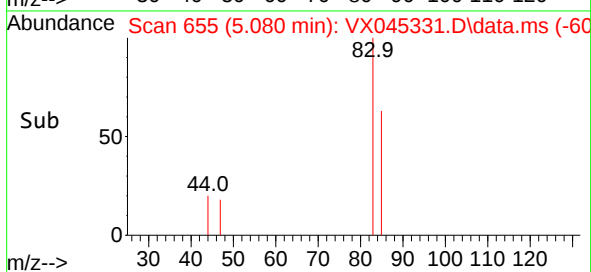
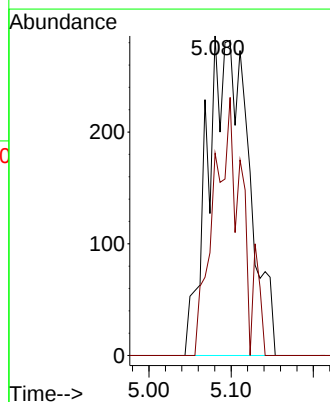
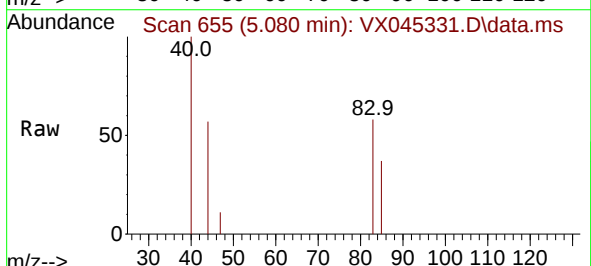
Instrument :
MSVOA_X
ClientSampleId :
DUP02-20250310

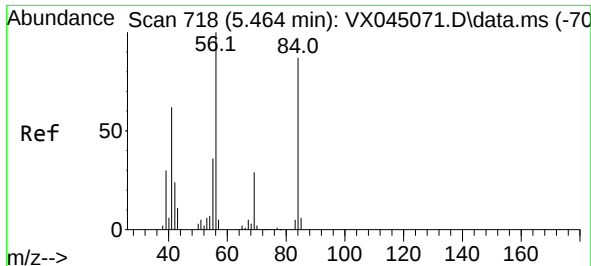
Tgt Ion: 43 Resp: 469
Ion Ratio Lower Upper
43 100
58 22.8 24.2 36.4#



#30
Chloroform
Concen: 0.585 ug/l
RT: 5.080 min Scan# 655
Delta R.T. -0.006 min
Lab File: VX045331.D
Acq: 18 Mar 2025 17:34

Tgt Ion: 83 Resp: 1000
Ion Ratio Lower Upper
83 100
85 63.3 51.4 77.2

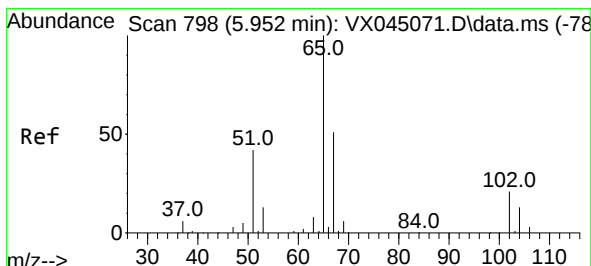
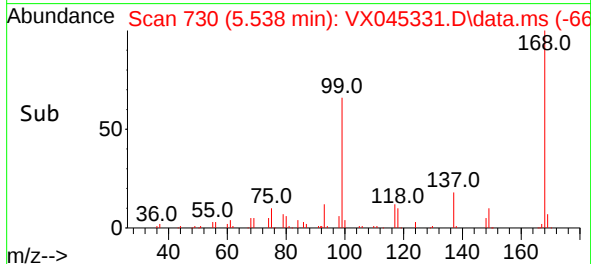
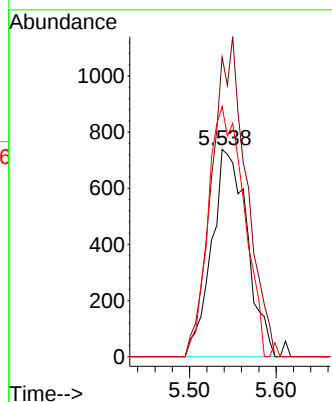
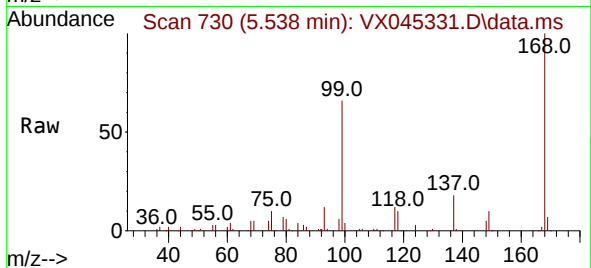




#31
Cyclohexane
Concen: 1.408 ug/l
RT: 5.538 min Scan# 718
Delta R.T. 0.073 min
Lab File: VX045331.D
Acq: 18 Mar 2025 17:34

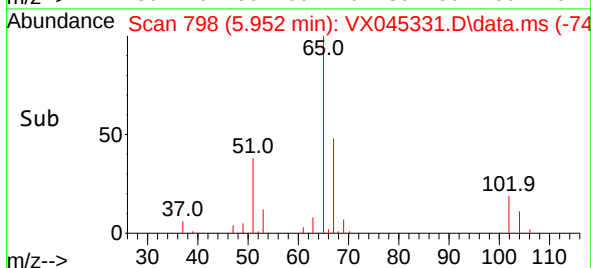
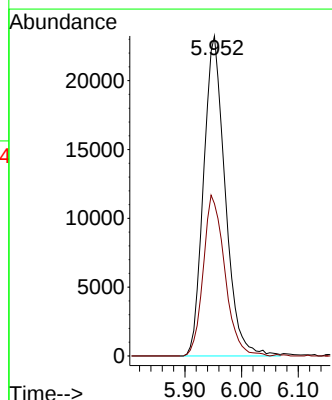
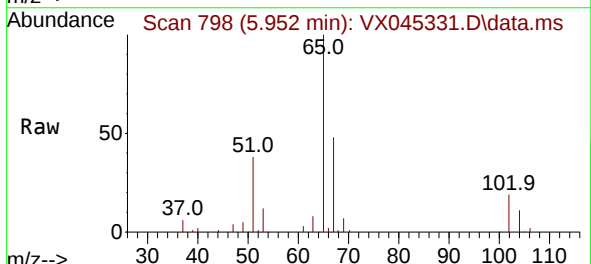
Instrument :
MSVOA_X
ClientSampleId :
DUP02-20250310

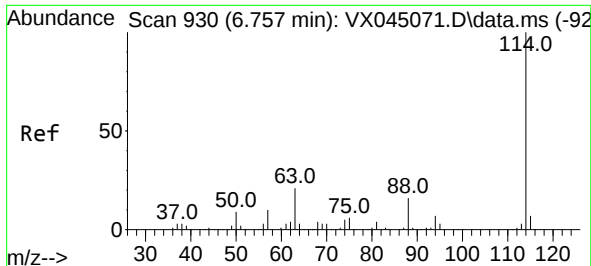
Tgt Ion: 56 Resp: 2102
Ion Ratio Lower Upper
56 100
69 144.6 23.4 35.2#
84 120.7 69.4 104.2#



#33
1,2-Dichloroethane-d4
Concen: 56.161 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045331.D
Acq: 18 Mar 2025 17:34

Tgt Ion: 65 Resp: 61621
Ion Ratio Lower Upper
65 100
67 50.2 0.0 106.2

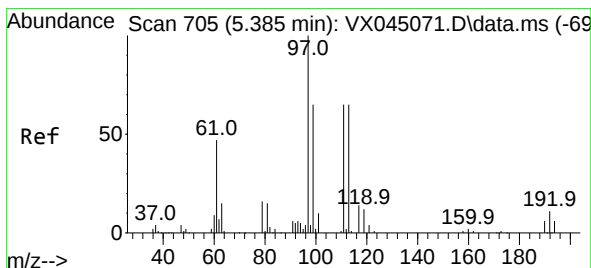
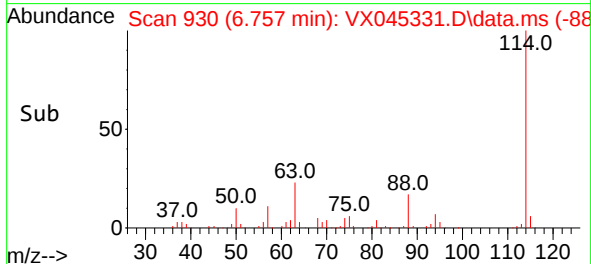
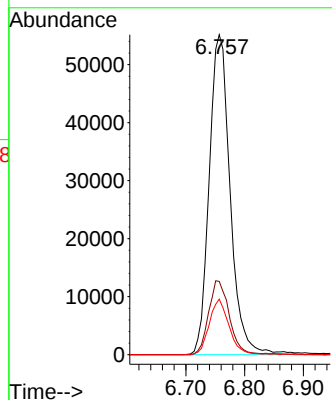
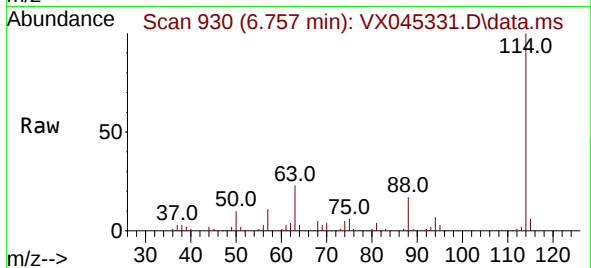




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045331.D
Acq: 18 Mar 2025 17:34

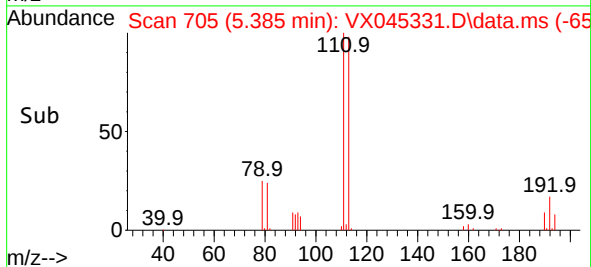
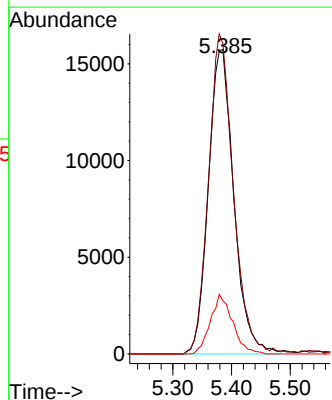
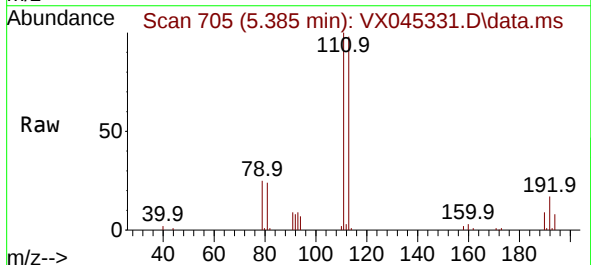
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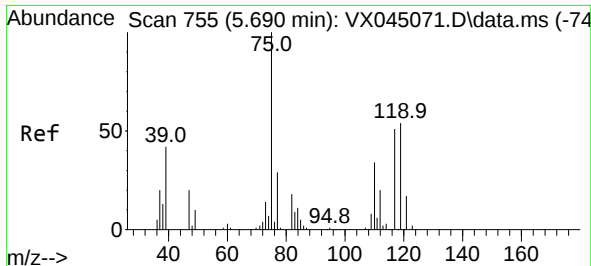
Tgt Ion:114 Resp: 136247
Ion Ratio Lower Upper
114 100
63 22.9 0.0 41.8
88 17.4 0.0 32.8



#35
Dibromofluoromethane
Concen: 51.923 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX045331.D
Acq: 18 Mar 2025 17:34

Tgt Ion:113 Resp: 47304
Ion Ratio Lower Upper
113 100
111 102.9 81.8 122.6
192 17.1 14.3 21.5

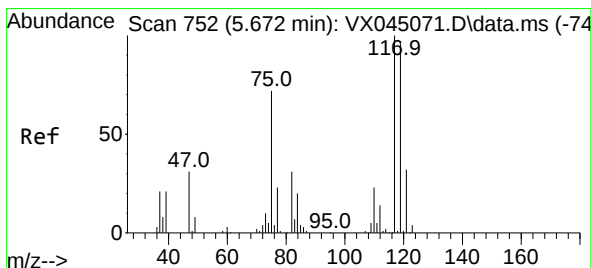
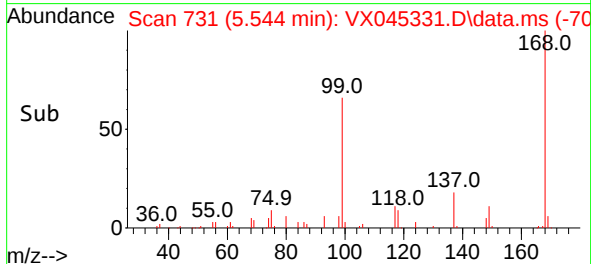
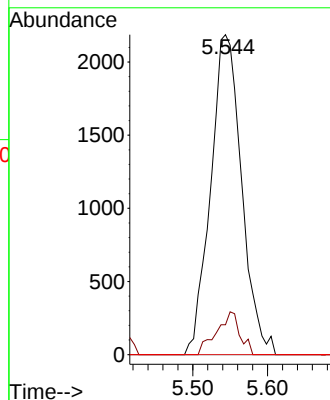
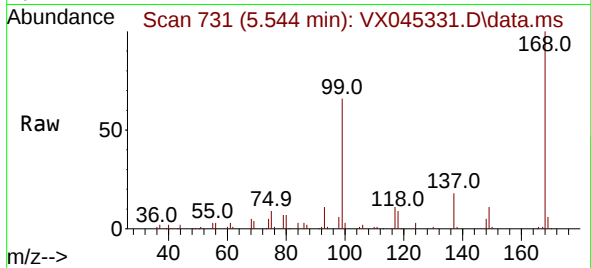




#36
1,1-Dichloropropene
Concen: 5.054 ug/l
RT: 5.544 min Scan# 710
Delta R.T. -0.146 min
Lab File: VX045331.D
Acq: 18 Mar 2025 17:34

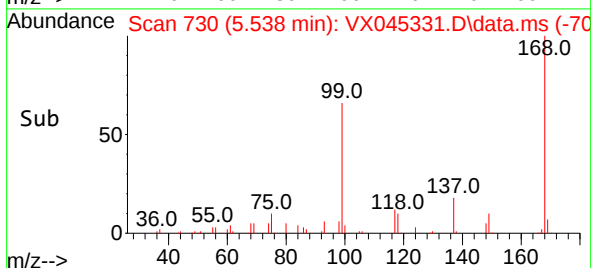
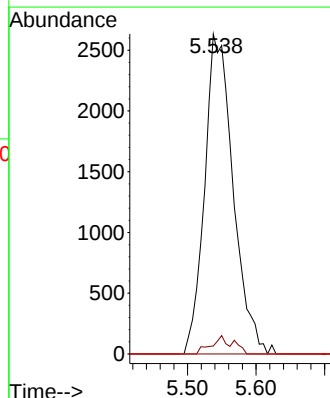
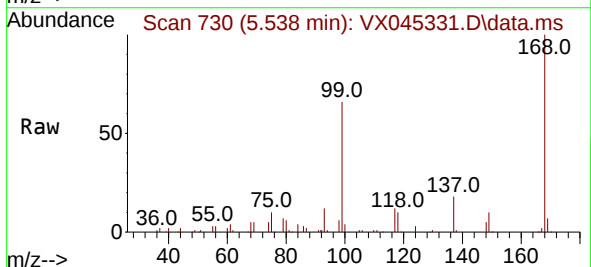
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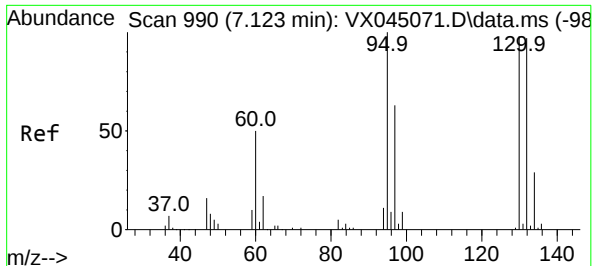
Tgt Ion: 75 Resp: 6314
Ion Ratio Lower Upper
75 100
110 10.1 16.9 50.6#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 6.013 ug/l
RT: 5.538 min Scan# 730
Delta R.T. -0.134 min
Lab File: VX045331.D
Acq: 18 Mar 2025 17:34

Tgt Ion: 117 Resp: 7627
Ion Ratio Lower Upper
117 100
119 2.5 76.7 115.1#
121 0.0 25.5 38.3#

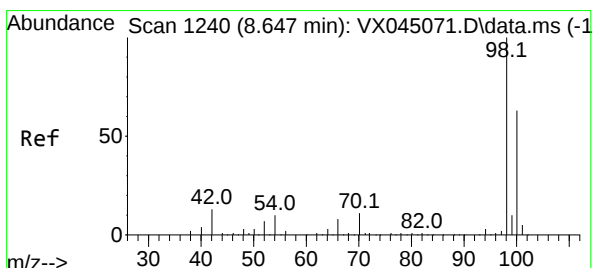
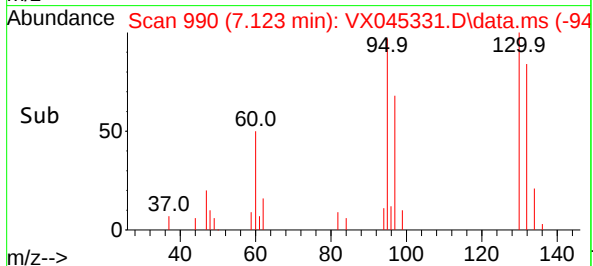
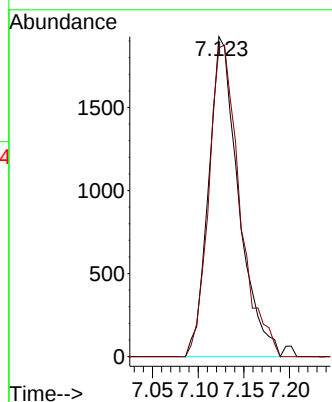
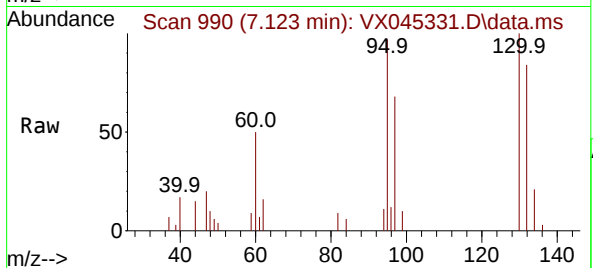




#44
Trichloroethene
Concen: 4.730 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX045331.D
Acq: 18 Mar 2025 17:34

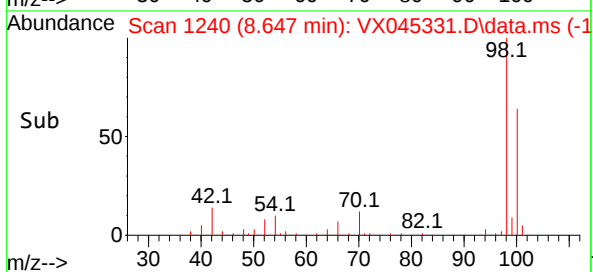
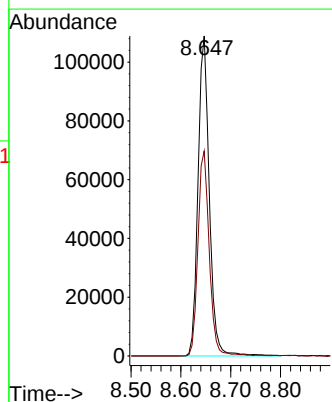
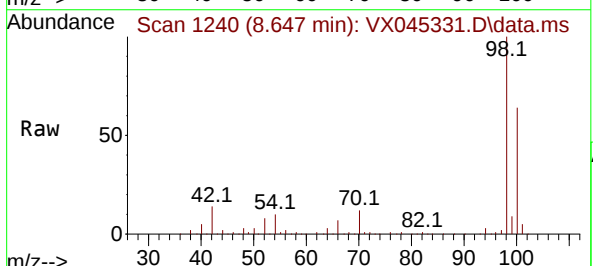
Instrument :
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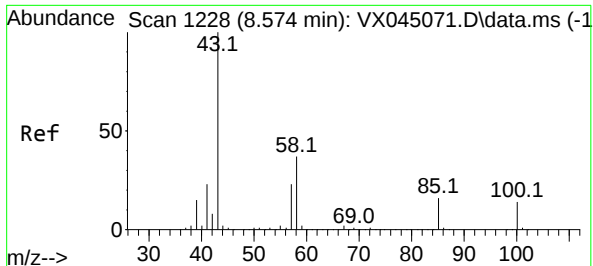
Tgt Ion:130 Resp: 4382
Ion Ratio Lower Upper
130 100
95 96.6 0.0 205.0



#50
Toluene-d8
Concen: 51.767 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045331.D
Acq: 18 Mar 2025 17:34

Tgt Ion: 98 Resp: 170979
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0

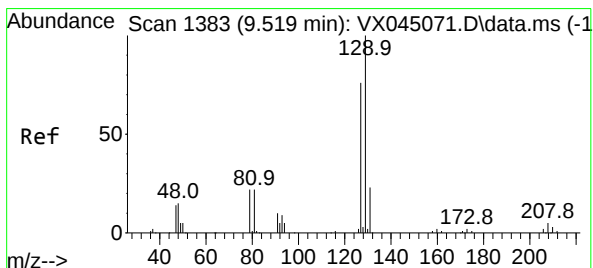
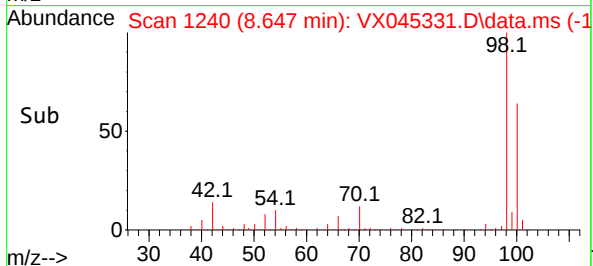
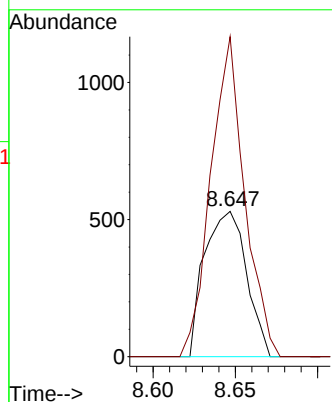
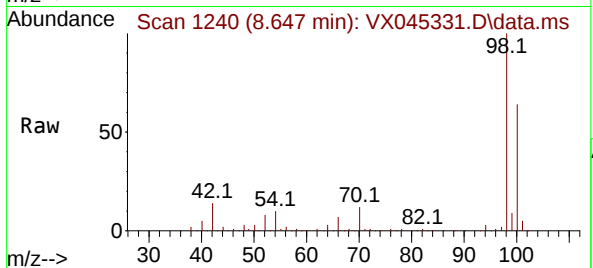




#51
4-Methyl-2-Pentanone
Concen: 0.591 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX045331.D
Acq: 18 Mar 2025 17:34

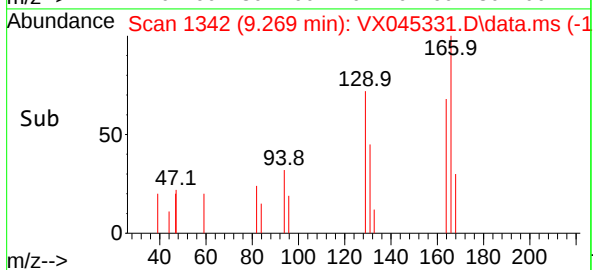
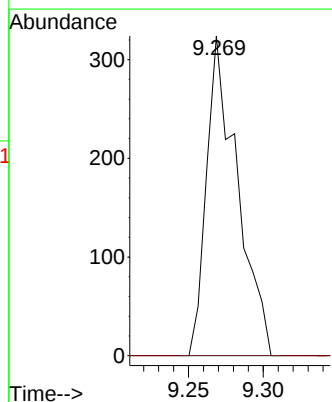
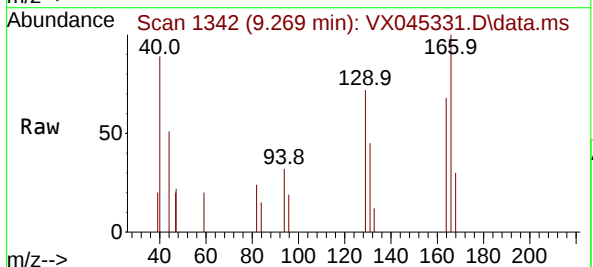
Instrument :
MSVOA_X
ClientSampleId :
DUP02-20250310

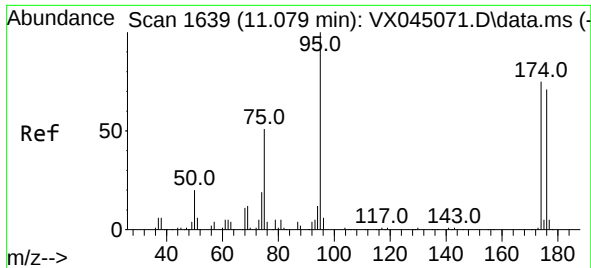
Tgt Ion: 43 Resp: 944
Ion Ratio Lower Upper
43 100
58 177.0 29.2 43.8#



#60
Dibromochloromethane
Concen: 0.464 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.250 min
Lab File: VX045331.D
Acq: 18 Mar 2025 17:34

Tgt Ion: 129 Resp: 462
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#

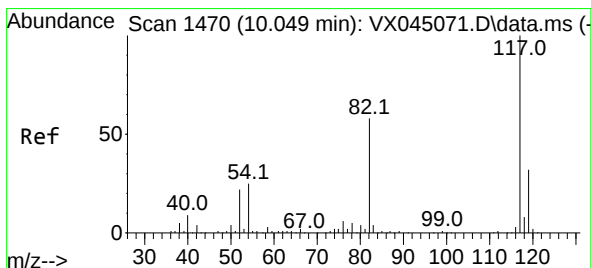
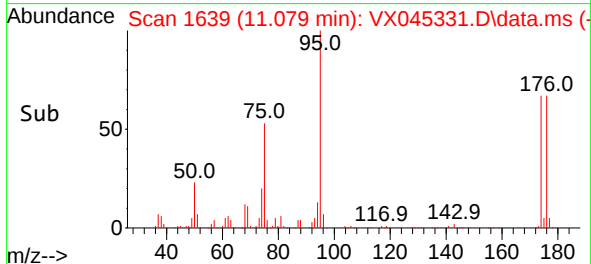
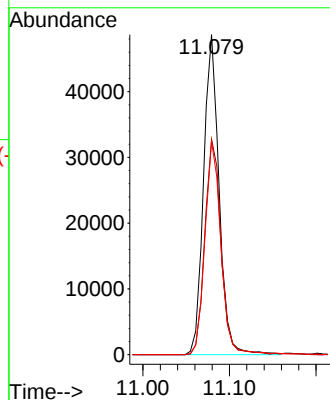
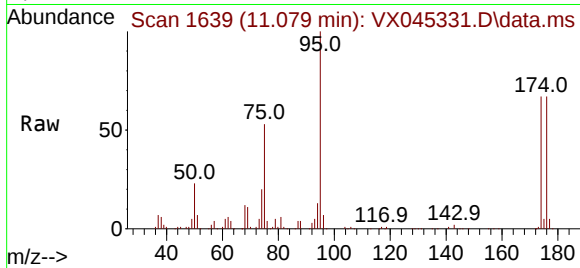




#62
4-Bromofluorobenzene
Concen: 55.477 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045331.D
Acq: 18 Mar 2025 17:34

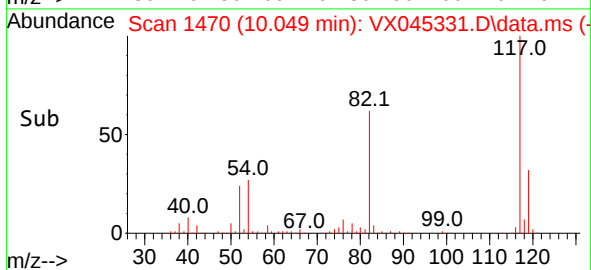
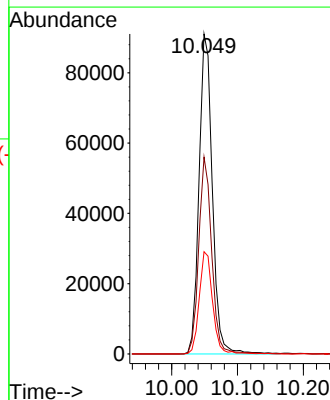
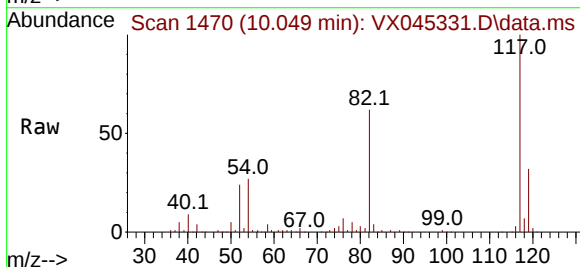
Instrument :
MSVOA_X
ClientSampleId :
DUP02-20250310

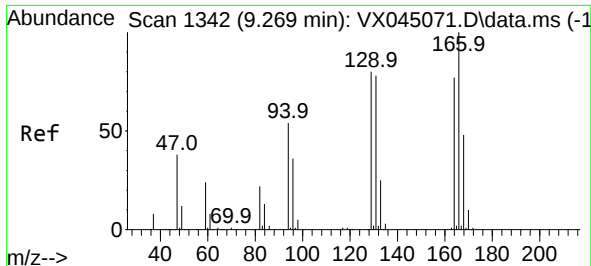
Tgt Ion: 95 Resp: 60718
Ion Ratio Lower Upper
95 100
174 70.2 0.0 148.2
176 69.0 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045331.D
Acq: 18 Mar 2025 17:34

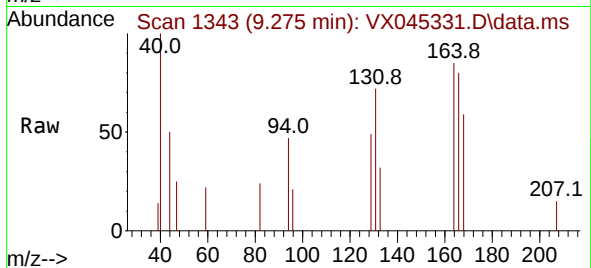
Tgt Ion: 117 Resp: 127765
Ion Ratio Lower Upper
117 100
82 61.5 46.3 69.5
119 32.0 25.7 38.5



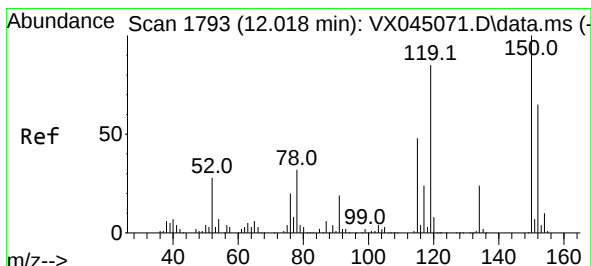
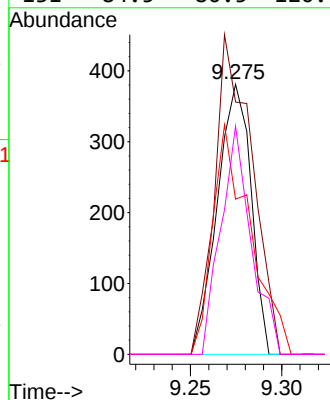
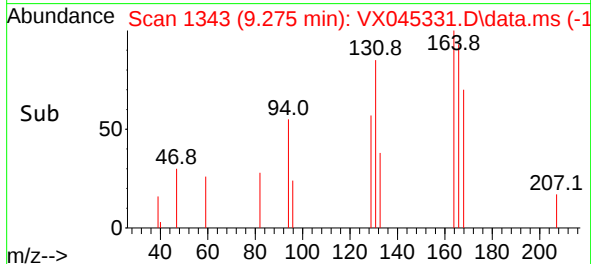


#64
Tetrachloroethene
Concen: 0.598 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX045331.D
Acq: 18 Mar 2025 17:34

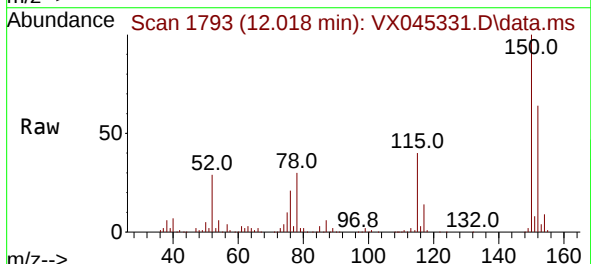
Instrument :
MSVOA_X
ClientSampleId :
DUP02-20250310



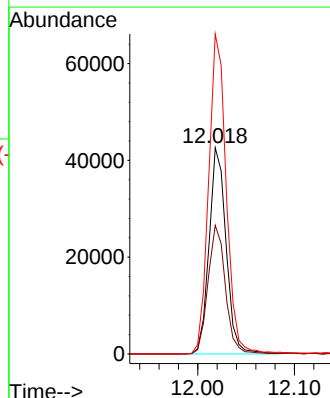
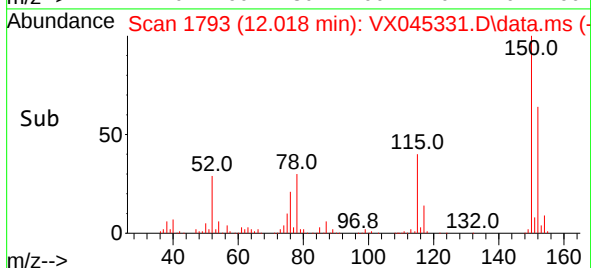
Tgt Ion:164 Resp: 489
Ion Ratio Lower Upper
164 100
166 93.4 103.6 155.4#
129 57.5 82.7 124.1#
131 84.5 80.5 120.7

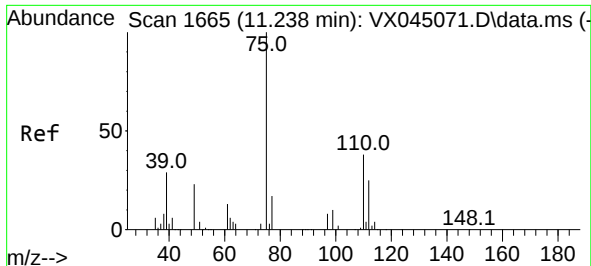


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045331.D
Acq: 18 Mar 2025 17:34



Tgt Ion:152 Resp: 52454
Ion Ratio Lower Upper
152 100
115 63.6 44.2 132.6
150 159.7 0.0 349.0

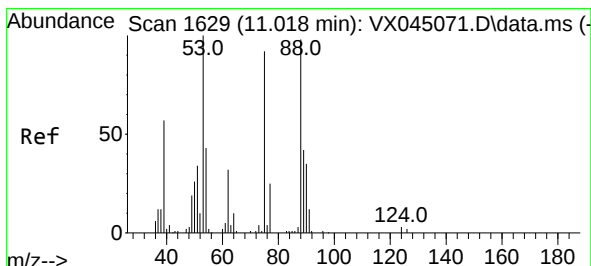
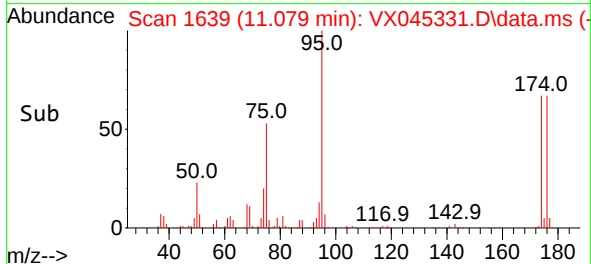
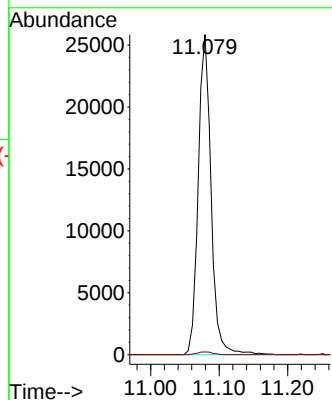
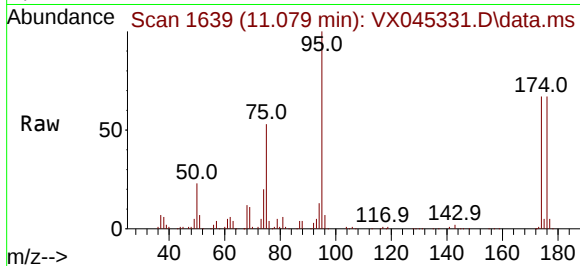




#76
1,2,3-Trichloropropane
Concen: 27.613 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX045331.D
Acq: 18 Mar 2025 17:34

Instrument :
MSVOA_X
ClientSampleId :
DUP02-20250310

Tgt Ion: 75 Resp: 33712
Ion Ratio Lower Upper
75 100
77 1.0 20.7 62.1#



#81
trans-1,4-Dichloro-2-butene
Concen: 94.497 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX045331.D
Acq: 18 Mar 2025 17:34

Tgt Ion: 75 Resp: 33712
Ion Ratio Lower Upper
75 100
53 0.0 88.5 132.7#
89 0.0 36.2 54.4#

