

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031225\
 Data File : VX045245.D
 Acq On : 12 Mar 2025 13:48
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Mar 13 01:41:06 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)

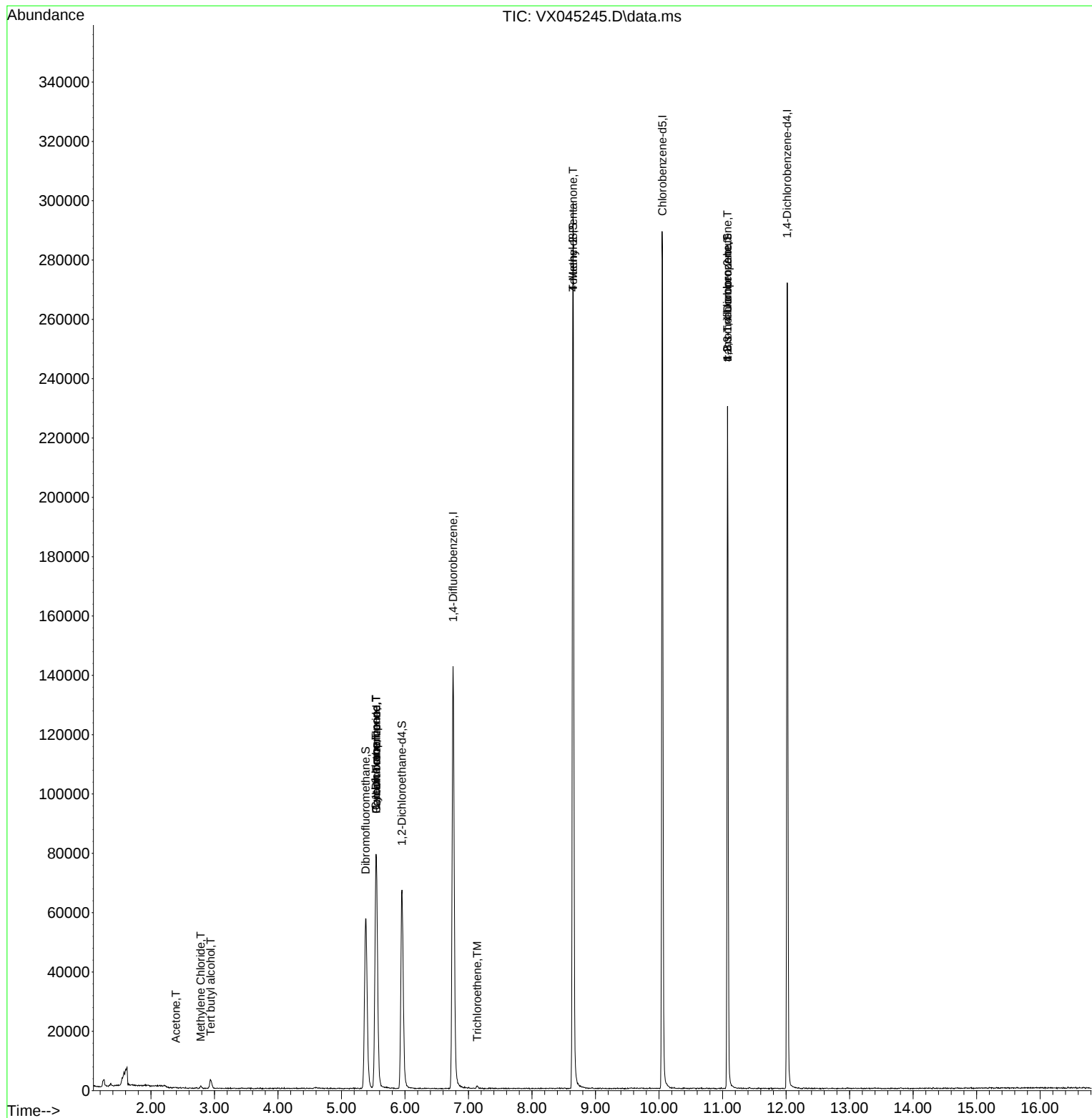
Internal Standards						
1) Pentafluorobenzene	5.550	168	73045	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	140510	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	124772	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	53121	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63877	54.977	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.960%	
35) Dibromofluoromethane	5.379	113	50932	54.209	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 108.420%	
50) Toluene-d8	8.647	98	172842	50.743	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.480%	
62) 4-Bromofluorobenzene	11.079	95	58911	52.193	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 104.380%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.940	59	2042	9.278	ug/l #	73
16) Acetone	2.392	43	416	0.772	ug/l #	44
20) Methylene Chloride	2.782	84	315	0.295	ug/l #	75
31) Cyclohexane	5.544	56	1859	1.176	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	6645	5.157	ug/l #	49
38) Carbon Tetrachloride	5.550	117	8033	6.141	ug/l #	16
44) Trichloroethene	7.135	130	388	0.406	ug/l	74
51) 4-Methyl-2-Pentanone	8.647	43	840	0.510	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	32424	26.225	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	32424	89.745	ug/l #	6

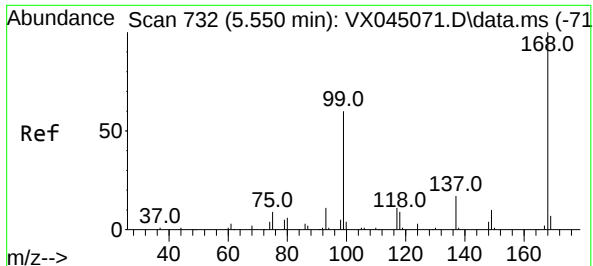
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031225\
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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

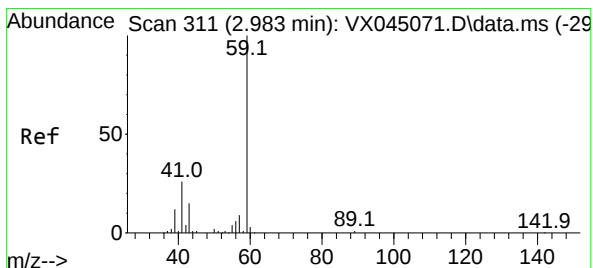
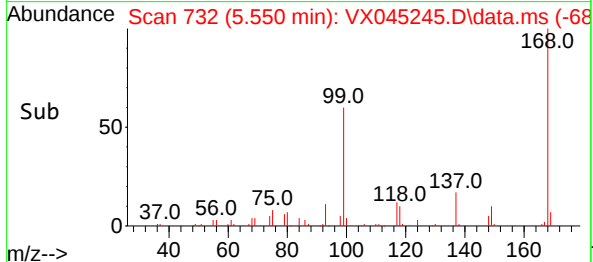
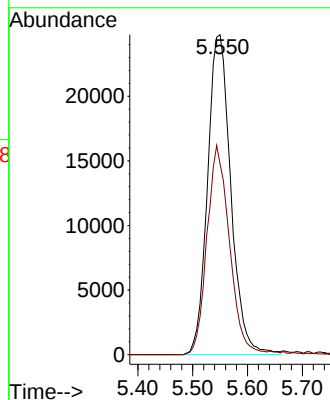
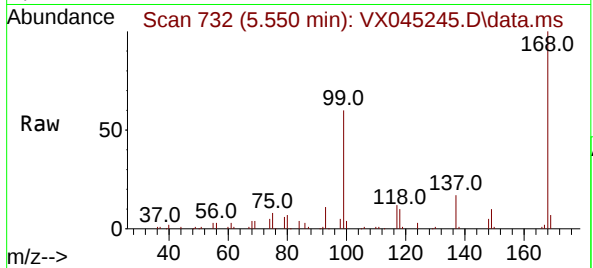




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045245.D
Acq: 12 Mar 2025 13:48

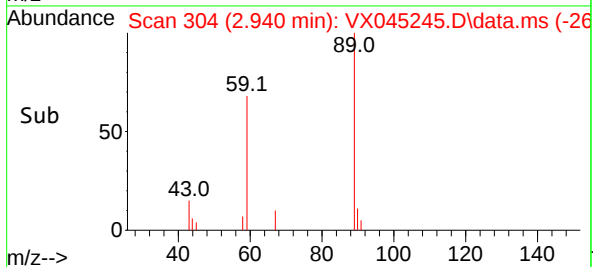
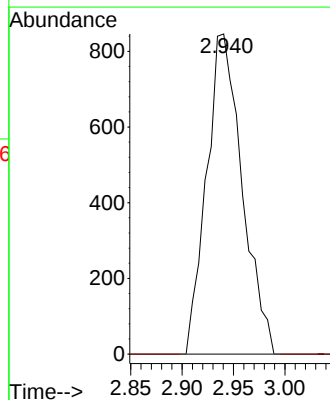
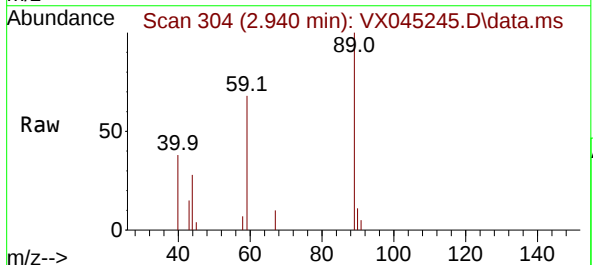
Instrument :
MSVOA_X
ClientSampleId :
IBLK

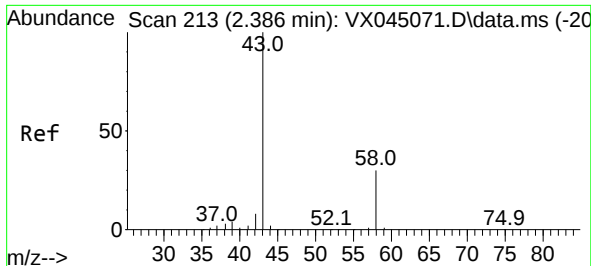
Tgt Ion:168 Resp: 73045
Ion Ratio Lower Upper
168 100
99 59.6 48.2 72.4



#11
Tert butyl alcohol
Concen: 9.278 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.043 min
Lab File: VX045245.D
Acq: 12 Mar 2025 13:48

Tgt Ion: 59 Resp: 2042
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

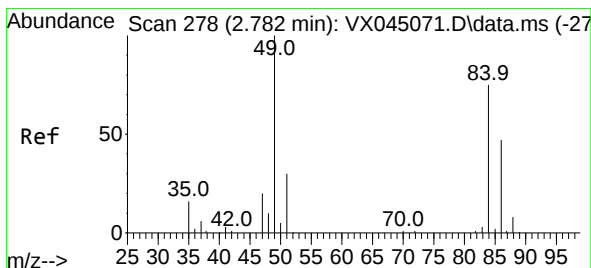
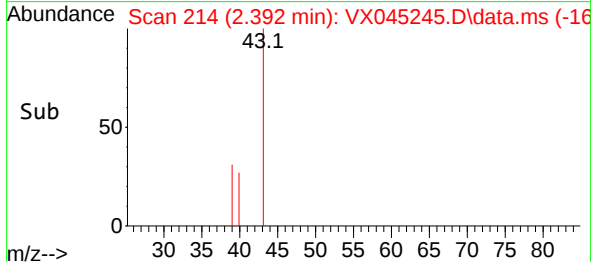
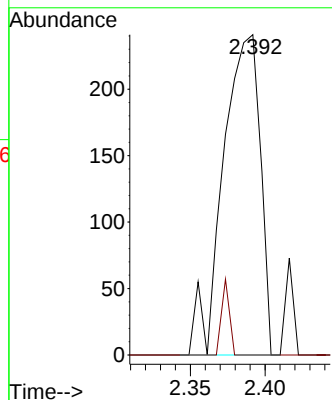
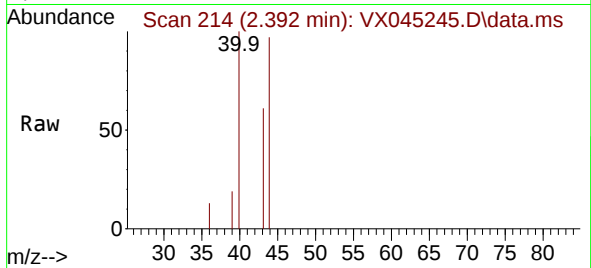




#16
Acetone
Concen: 0.772 ug/l
RT: 2.392 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX045245.D
Acq: 12 Mar 2025 13:48

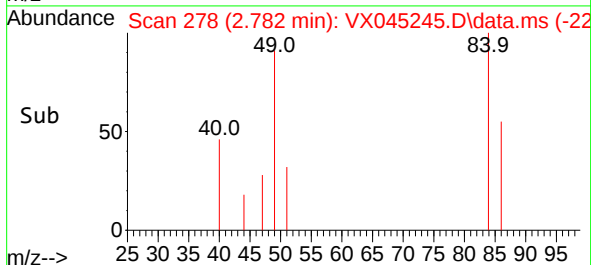
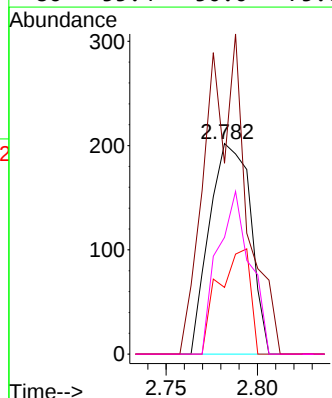
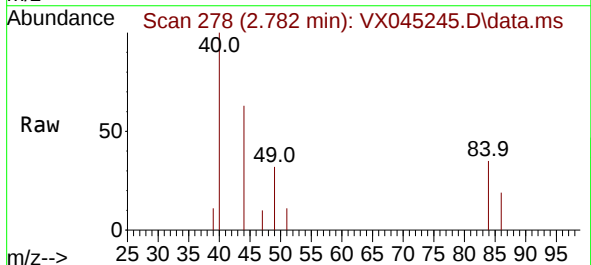
Instrument :
MSVOA_X
ClientSampleId :
IBLK

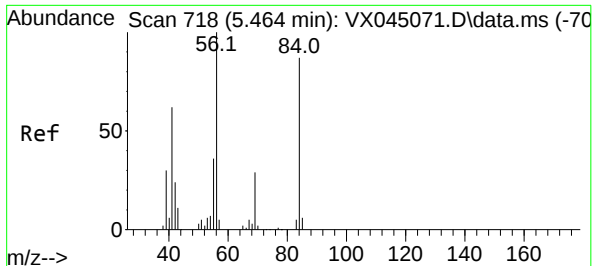
Tgt Ion: 43 Resp: 416
Ion Ratio Lower Upper
43 100
58 0.0 24.2 36.4#



#20
Methylene Chloride
Concen: 0.295 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX045245.D
Acq: 12 Mar 2025 13:48

Tgt Ion: 84 Resp: 315
Ion Ratio Lower Upper
84 100
49 90.6 106.5 159.7#
51 31.7 32.1 48.1#
86 55.4 50.0 75.0

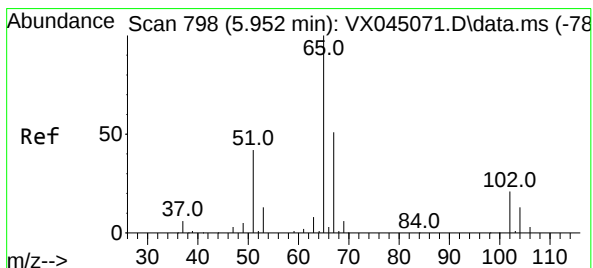
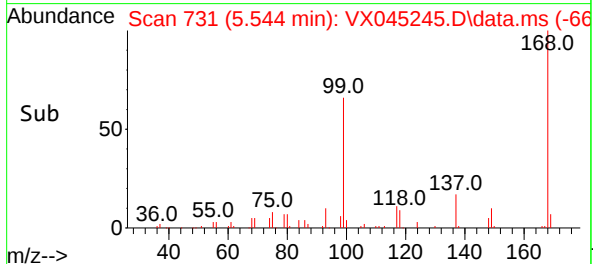
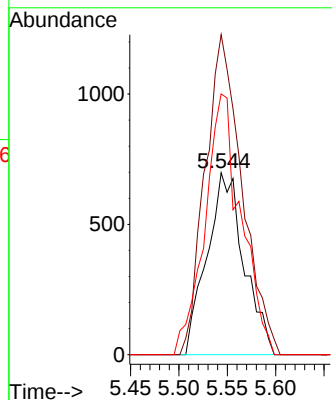
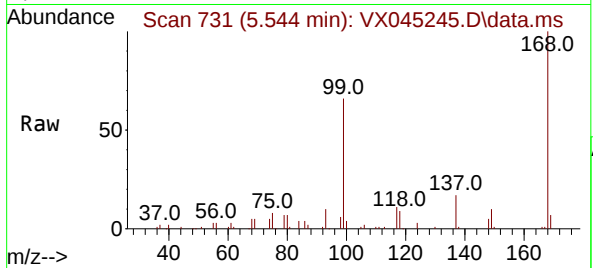




#31
Cyclohexane
Concen: 1.176 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX045245.D
Acq: 12 Mar 2025 13:48

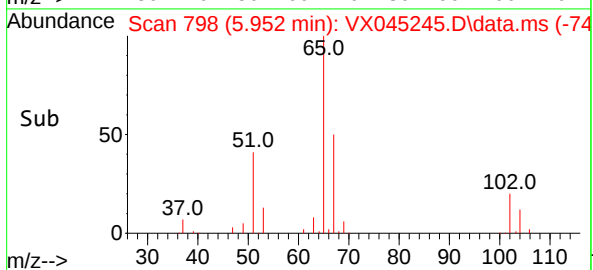
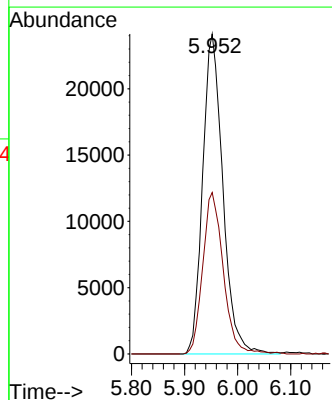
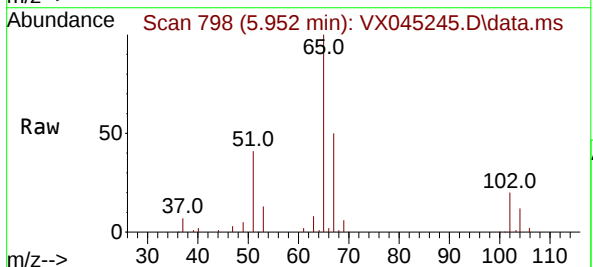
Instrument :
MSVOA_X
ClientSampleId :
IBLK

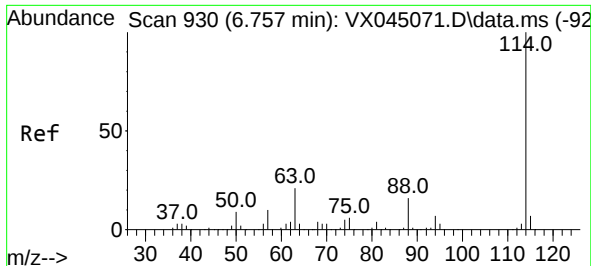
Tgt Ion: 56 Resp: 1859
Ion Ratio Lower Upper
56 100
69 175.9 23.4 35.2#
84 143.4 69.4 104.2#



#33
1,2-Dichloroethane-d4
Concen: 54.977 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045245.D
Acq: 12 Mar 2025 13:48

Tgt Ion: 65 Resp: 63877
Ion Ratio Lower Upper
65 100
67 51.1 0.0 106.2

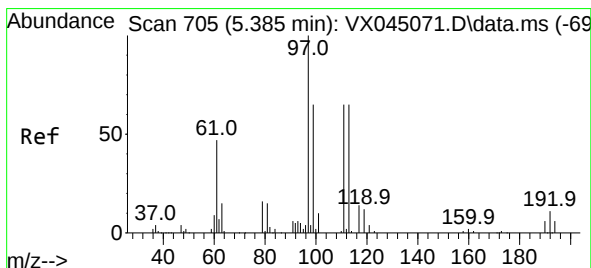
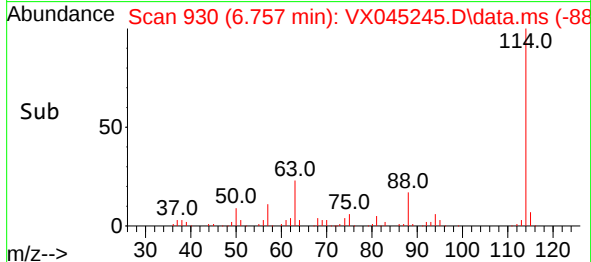
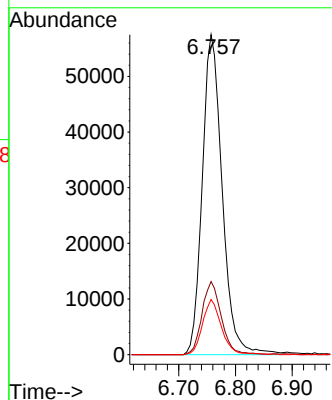
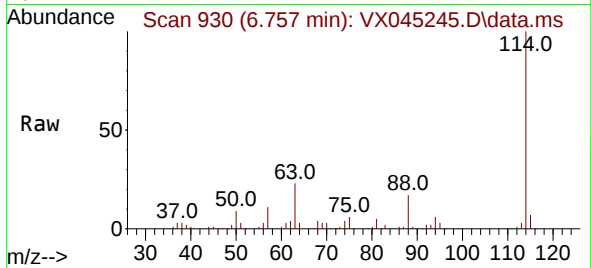




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045245.D
Acq: 12 Mar 2025 13:48

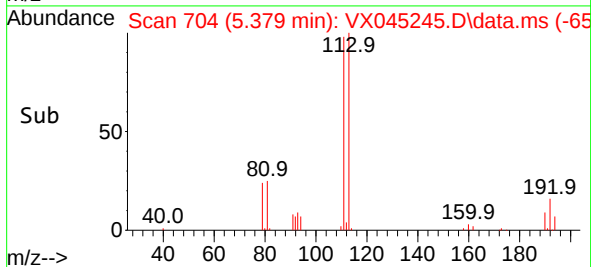
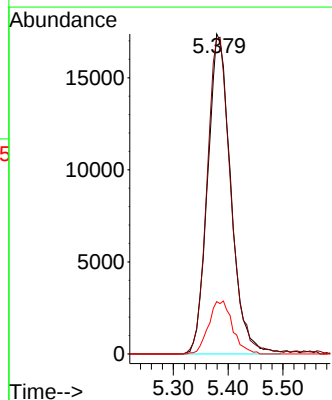
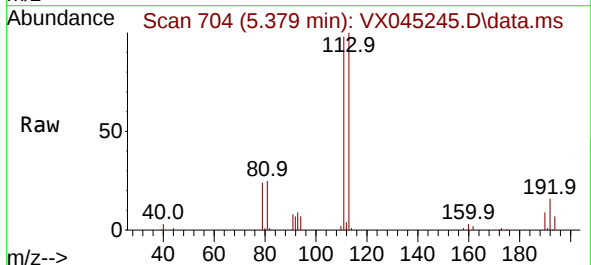
Instrument :
MSVOA_X
ClientSampleId :
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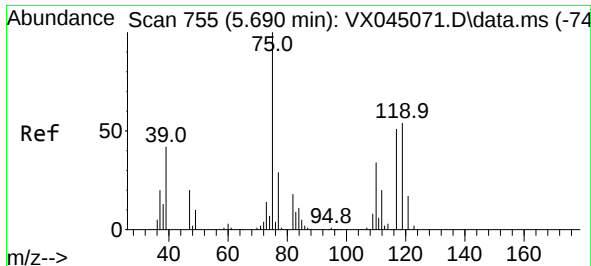
Tgt Ion:114 Resp: 140510
Ion Ratio Lower Upper
114 100
63 22.9 0.0 41.8
88 17.2 0.0 32.8



#35
Dibromofluoromethane
Concen: 54.209 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX045245.D
Acq: 12 Mar 2025 13:48

Tgt Ion:113 Resp: 50932
Ion Ratio Lower Upper
113 100
111 100.9 81.8 122.6
192 17.1 14.3 21.5

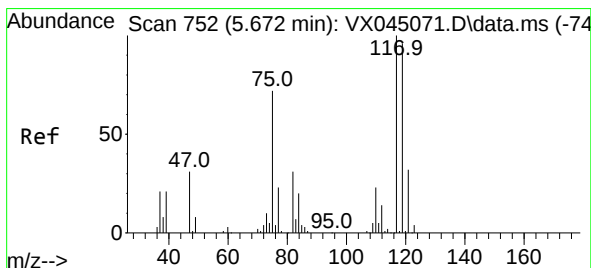
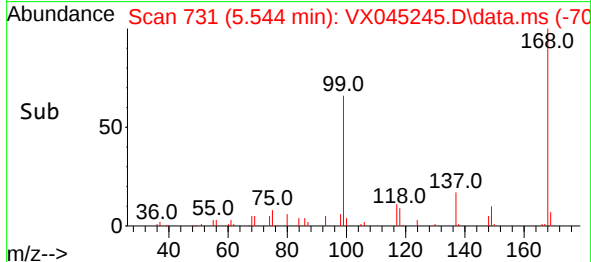
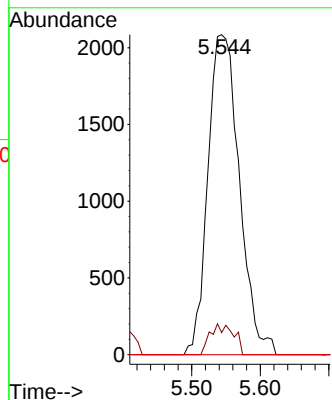
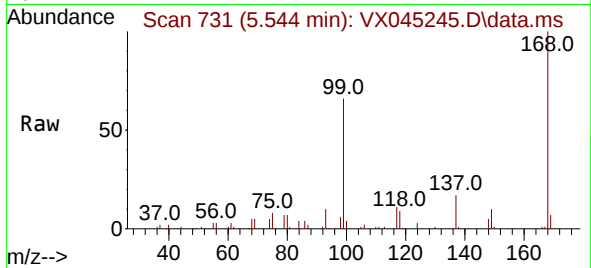




#36
1,1-Dichloropropene
Concen: 5.157 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX045245.D
Acq: 12 Mar 2025 13:48

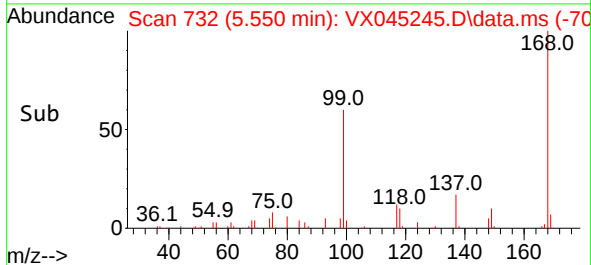
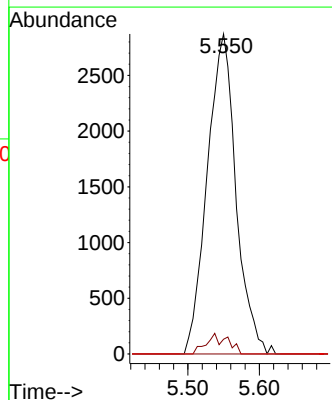
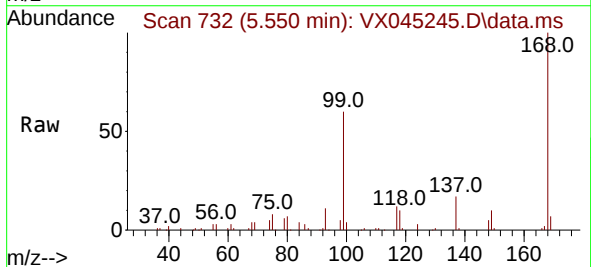
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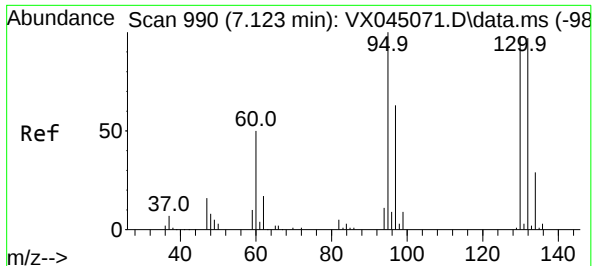
Tgt Ion: 75 Resp: 6645
Ion Ratio Lower Upper
75 100
110 7.1 16.9 50.6#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 6.141 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX045245.D
Acq: 12 Mar 2025 13:48

Tgt Ion: 117 Resp: 8033
Ion Ratio Lower Upper
117 100
119 4.6 76.7 115.1#
121 0.0 25.5 38.3#

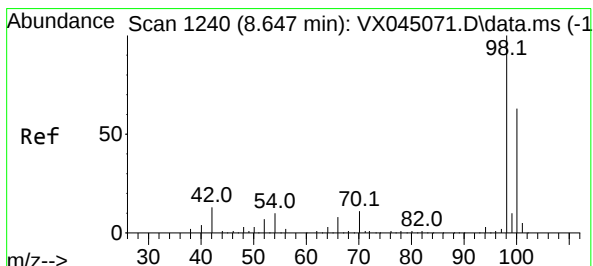
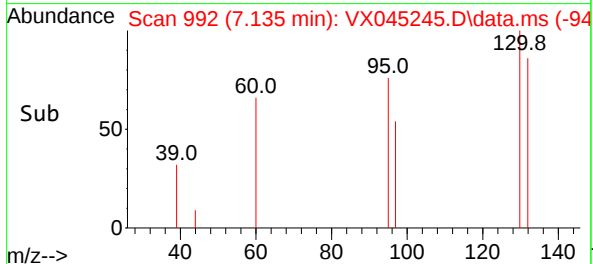
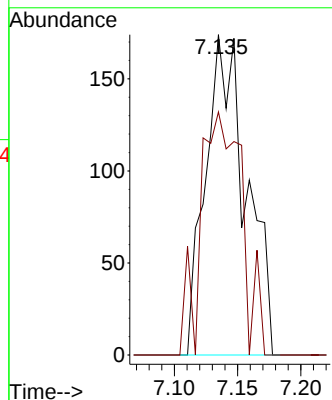
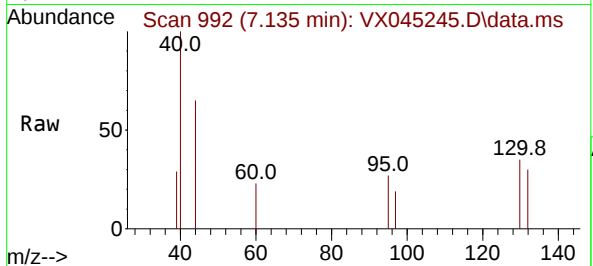




#44
Trichloroethene
Concen: 0.406 ug/l
RT: 7.135 min Scan# 990
Delta R.T. 0.012 min
Lab File: VX045245.D
Acq: 12 Mar 2025 13:48

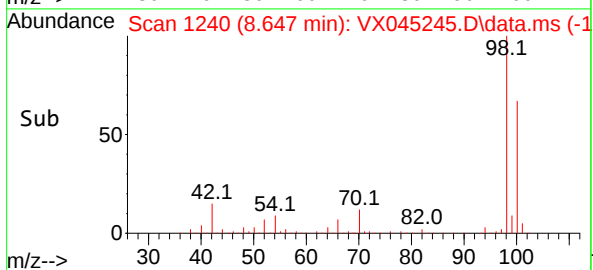
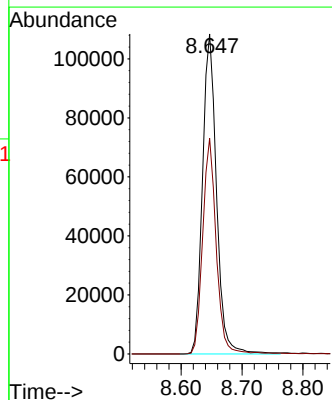
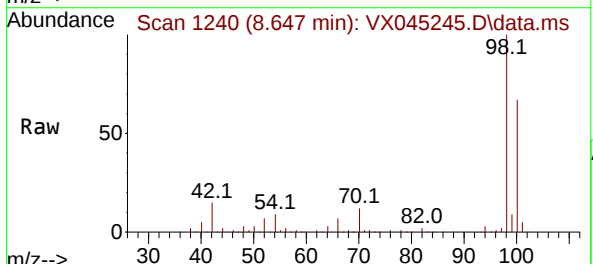
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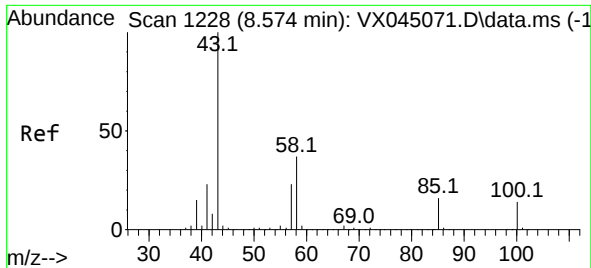
Tgt Ion:130 Resp: 388
Ion Ratio Lower Upper
130 100
95 75.9 0.0 205.0



#50
Toluene-d8
Concen: 50.743 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045245.D
Acq: 12 Mar 2025 13:48

Tgt Ion: 98 Resp: 172842
Ion Ratio Lower Upper
98 100
100 65.2 52.0 78.0

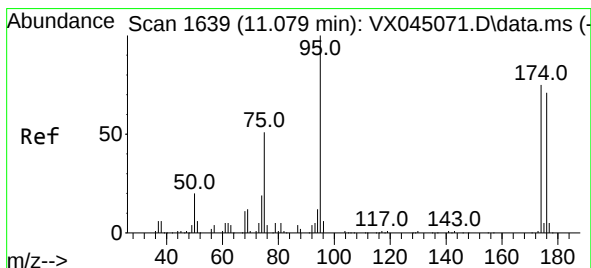
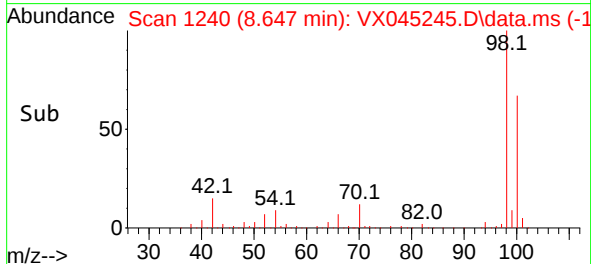
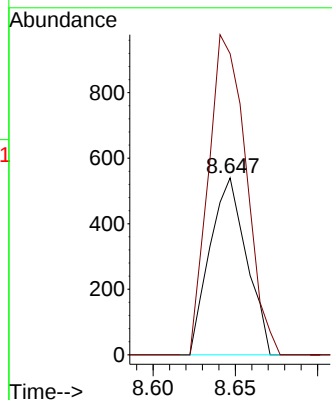
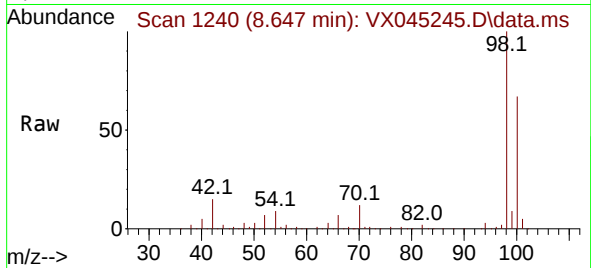




#51
 4-Methyl-2-Pentanone
 Concen: 0.510 ug/l
 RT: 8.647 min Scan# 1240
 Delta R.T. 0.073 min
 Lab File: VX045245.D
 Acq: 12 Mar 2025 13:48

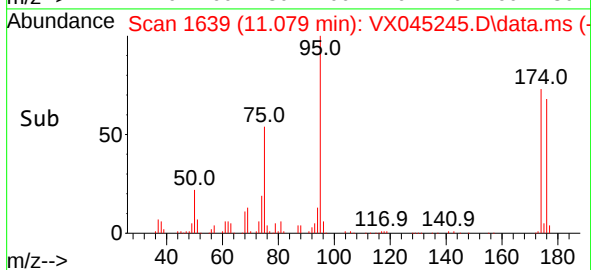
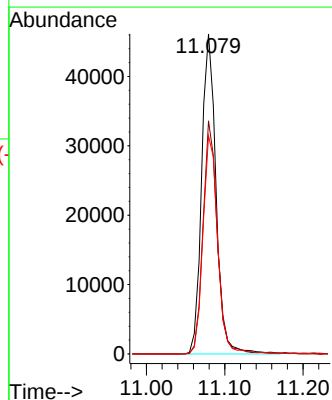
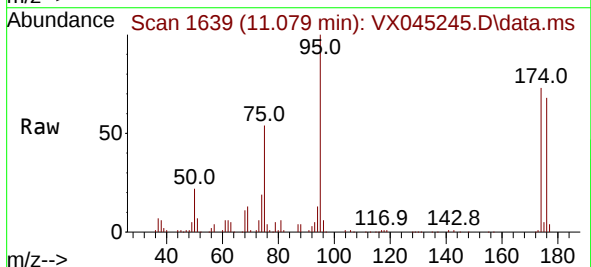
Instrument :
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 ClientSampleId :
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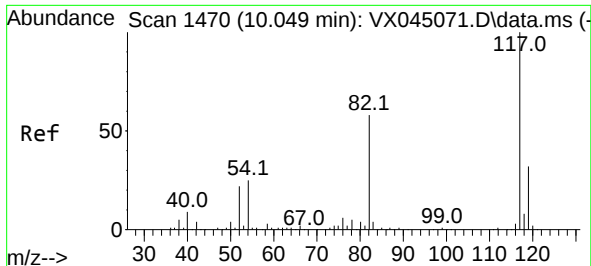
Tgt Ion: 43 Resp: 840
 Ion Ratio Lower Upper
 43 100
 58 184.5 29.2 43.8#



#62
 4-Bromofluorobenzene
 Concen: 52.193 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.000 min
 Lab File: VX045245.D
 Acq: 12 Mar 2025 13:48

Tgt Ion: 95 Resp: 58911
 Ion Ratio Lower Upper
 95 100
 174 72.7 0.0 148.2
 176 69.8 0.0 141.4

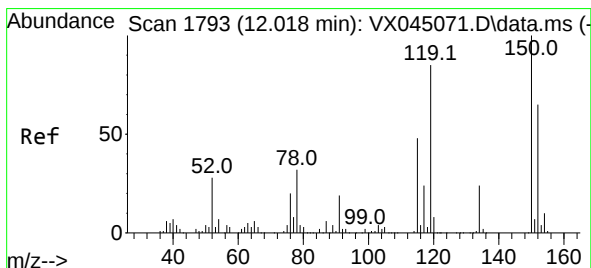
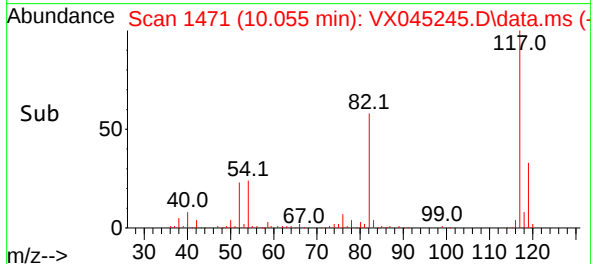
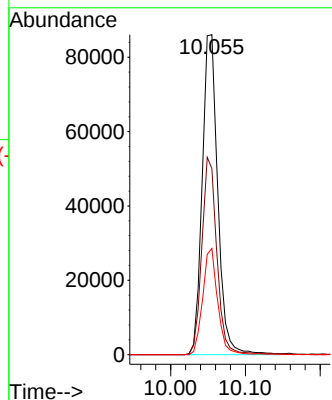
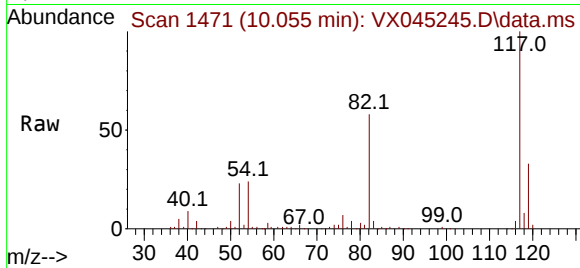




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX045245.D
Acq: 12 Mar 2025 13:48

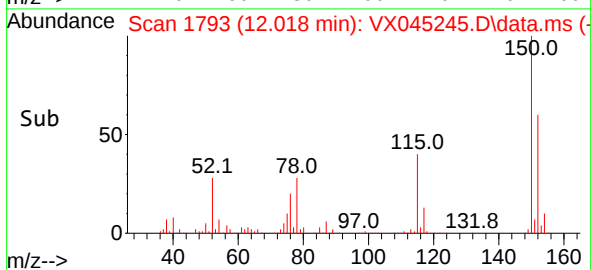
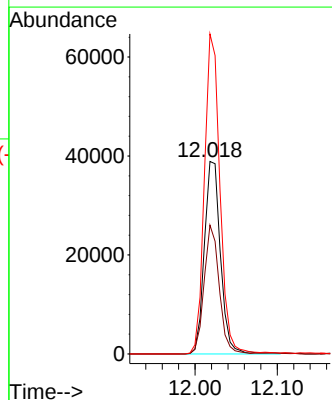
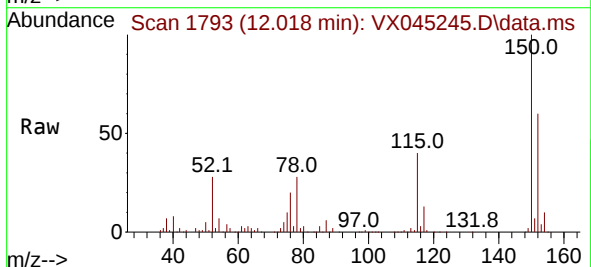
Instrument :
MSVOA_X
ClientSampleId :
IBLK

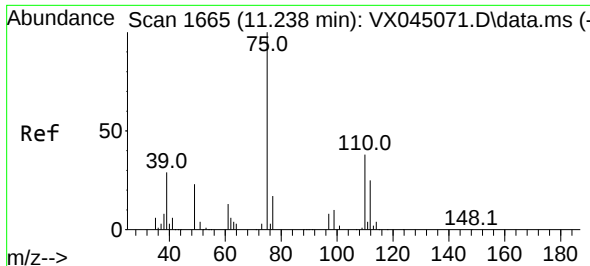
Tgt Ion:117 Resp: 124772
Ion Ratio Lower Upper
117 100
82 58.2 46.3 69.5
119 33.2 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045245.D
Acq: 12 Mar 2025 13:48

Tgt Ion:152 Resp: 53121
Ion Ratio Lower Upper
152 100
115 62.6 44.2 132.6
150 160.2 0.0 349.0

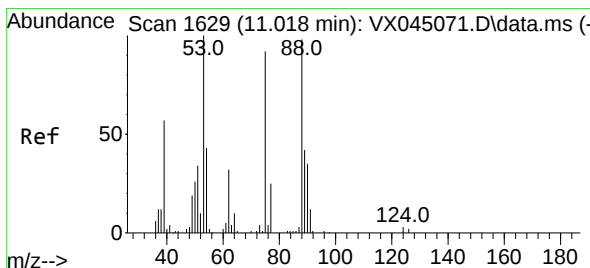
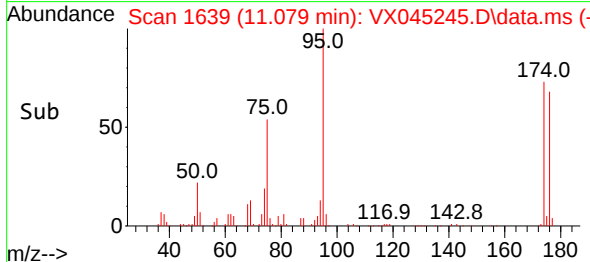
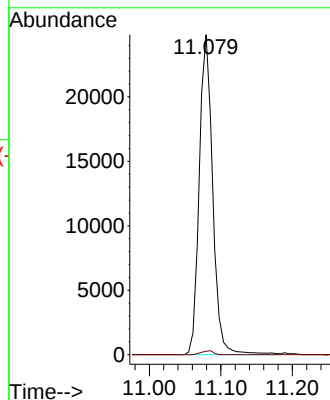
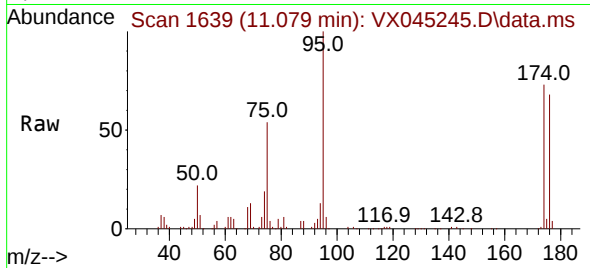




#76
1,2,3-Trichloropropane
Concen: 26.225 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX045245.D
Acq: 12 Mar 2025 13:48

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 75 Resp: 32424
Ion Ratio Lower Upper
75 100
77 1.1 20.7 62.1#



#81
trans-1,4-Dichloro-2-butene
Concen: 89.745 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX045245.D
Acq: 12 Mar 2025 13:48

Tgt Ion: 75 Resp: 32424
Ion Ratio Lower Upper
75 100
53 0.0 88.5 132.7#
89 0.0 36.2 54.4#

