

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030325\
 Data File : VX045112.D
 Acq On : 03 Mar 2025 14:54
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Mar 04 05:24:23 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)

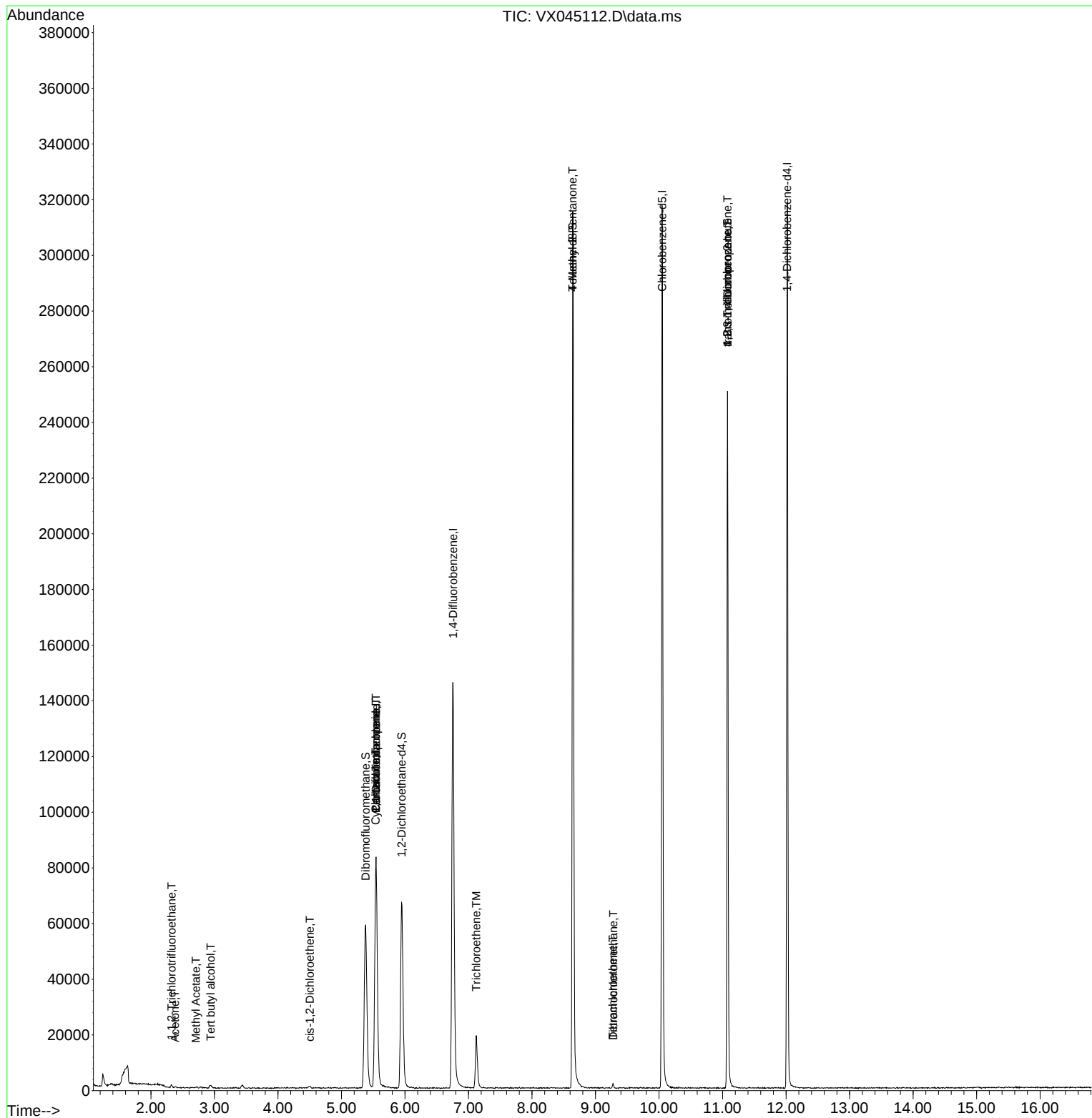
Internal Standards						
1) Pentafluorobenzene	5.544	168	76526	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	154685	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	142310	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	62854	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	63105	51.842	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.680%	
35) Dibromofluoromethane	5.379	113	52347	50.609	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.220%	
50) Toluene-d8	8.641	98	191973	51.195	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.400%	
62) 4-Bromofluorobenzene	11.079	95	66353	53.399	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 106.800%	
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.325	101	343	0.386	ug/l #	79
11) Tert butyl alcohol	2.940	59	548	2.377	ug/l #	73
16) Acetone	2.379	43	293	0.519	ug/l #	44
18) Methyl Acetate	2.709	43	493	0.363	ug/l #	54
27) cis-1,2-Dichloroethene	4.501	96	525	0.458	ug/l	84
31) Cyclohexane	5.537	56	1973	1.191	ug/l #	28
36) 1,1-Dichloropropene	5.544	75	6890	4.857	ug/l #	50
38) Carbon Tetrachloride	5.544	117	8302	5.765	ug/l #	16
44) Trichloroethene	7.123	130	7138	6.787	ug/l	98
51) 4-Methyl-2-Pentanone	8.641	43	1043	0.575	ug/l #	1
60) Dibromochloromethane	9.281	129	250	0.221	ug/l #	11
64) Tetrachloroethene	9.275	164	296	0.325	ug/l #	87
76) 1,2,3-Trichloropropane	11.079	75	36628	25.037	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	36628	85.683	ug/l #	6

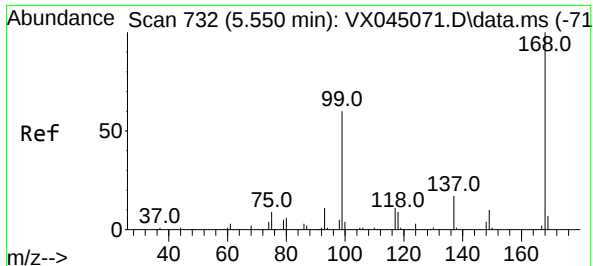
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030325\
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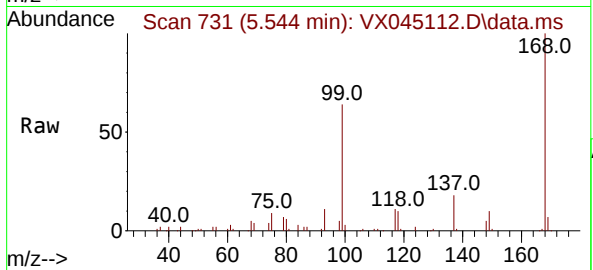
Quant Time: Mar 04 05:24:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration



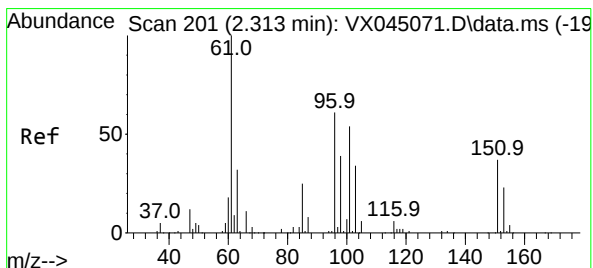
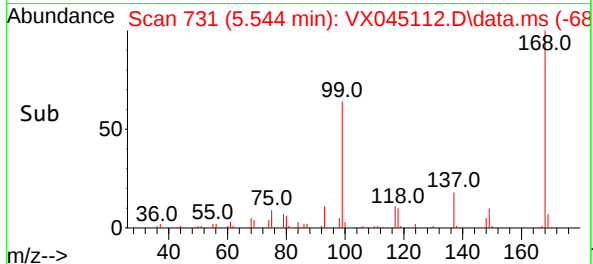
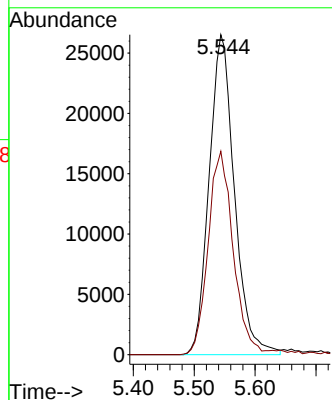


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045112.D
Acq: 03 Mar 2025 14:54

Instrument :
MSVOA_X
ClientSampleId :
IBLK

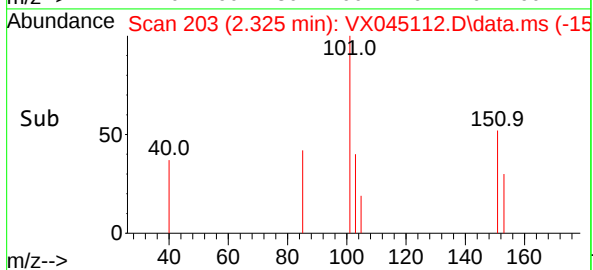
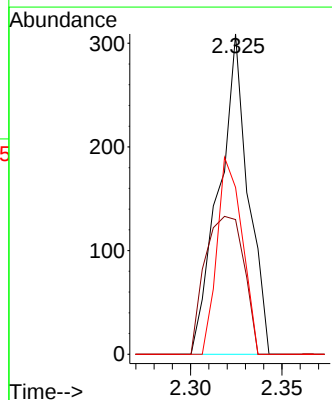
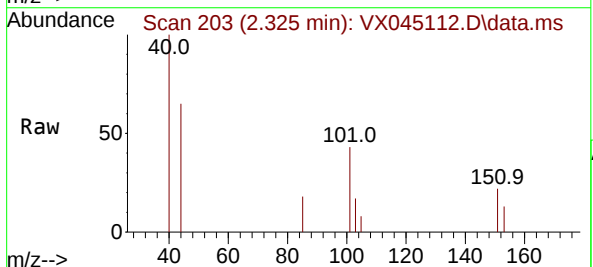


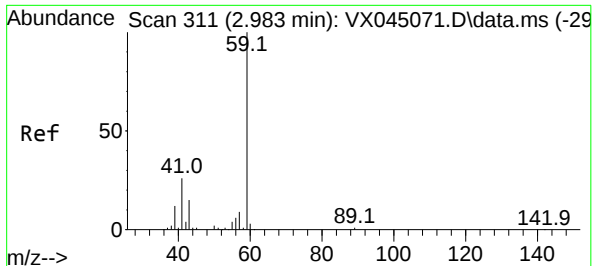
Tgt Ion:168 Resp: 76526
Ion Ratio Lower Upper
168 100
99 63.5 48.2 72.4



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.386 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.012 min
Lab File: VX045112.D
Acq: 03 Mar 2025 14:54

Tgt Ion:101 Resp: 343
Ion Ratio Lower Upper
101 100
85 57.7 36.2 54.4#
151 52.8 56.4 84.6#





#11

Tert butyl alcohol

Concen: 2.377 ug/l

RT: 2.940 min Scan# 304

Delta R.T. -0.043 min

Lab File: VX045112.D

Acq: 03 Mar 2025 14:54

Instrument :

MSVOA_X

ClientSampleId :

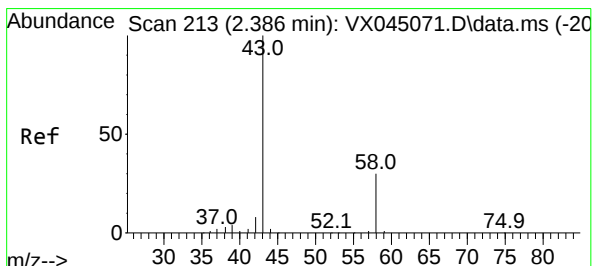
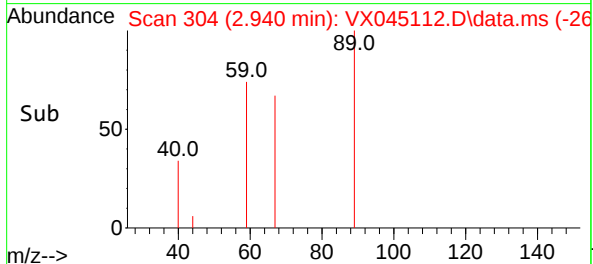
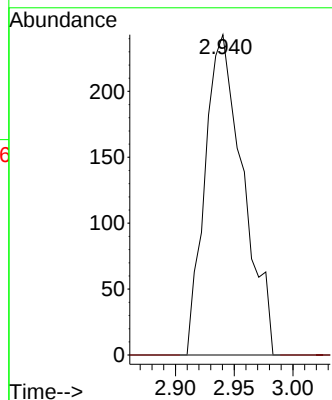
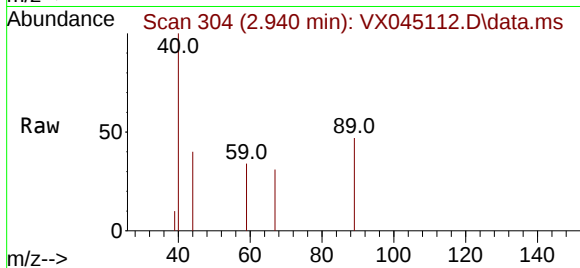
IBLK

Tgt Ion: 59 Resp: 548

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#



#16

Acetone

Concen: 0.519 ug/l

RT: 2.379 min Scan# 212

Delta R.T. -0.006 min

Lab File: VX045112.D

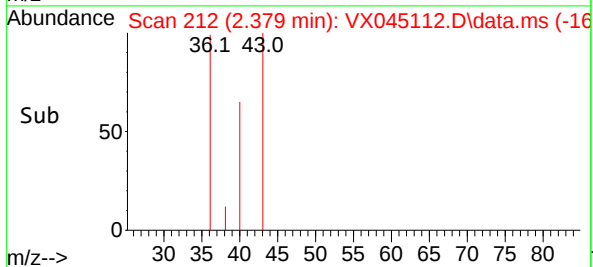
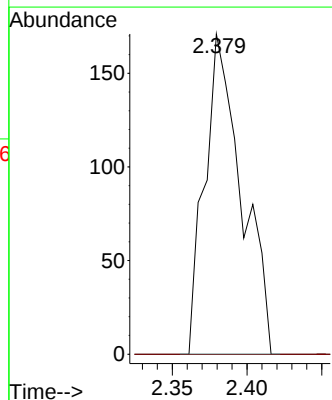
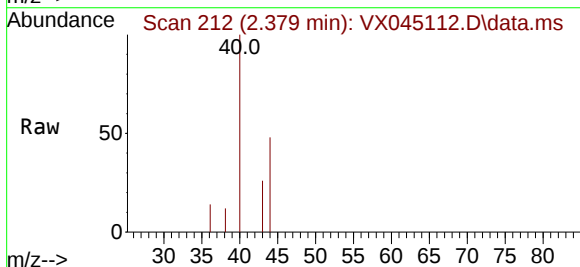
Acq: 03 Mar 2025 14:54

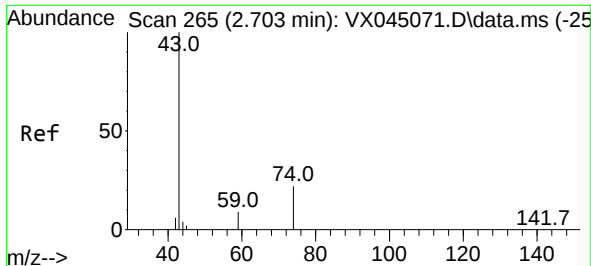
Tgt Ion: 43 Resp: 293

Ion Ratio Lower Upper

43 100

58 0.0 24.2 36.4#

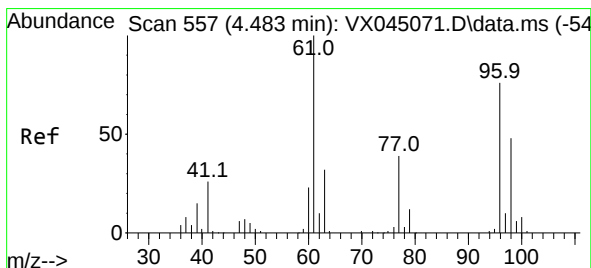
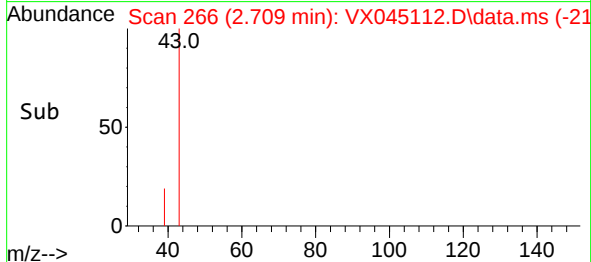
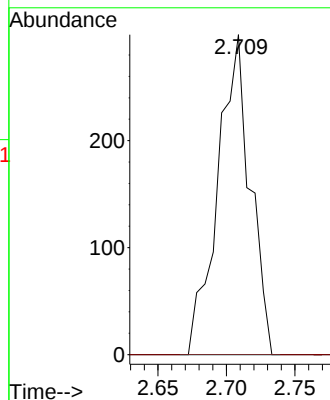
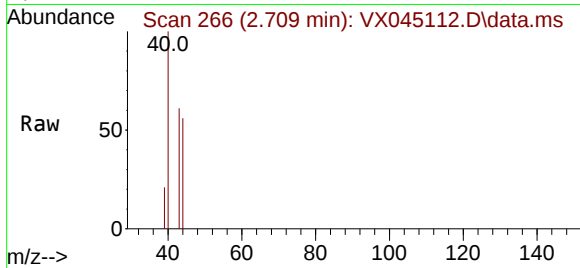




#18
Methyl Acetate
Concen: 0.363 ug/l
RT: 2.709 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX045112.D
Acq: 03 Mar 2025 14:54

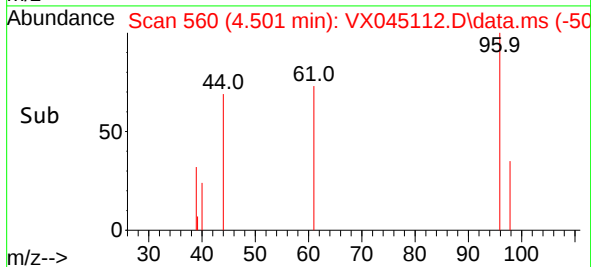
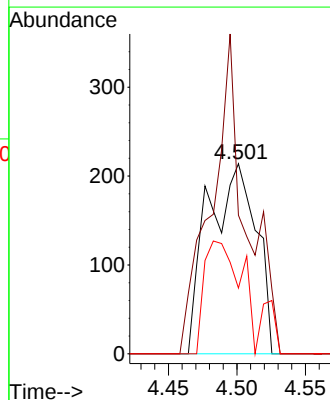
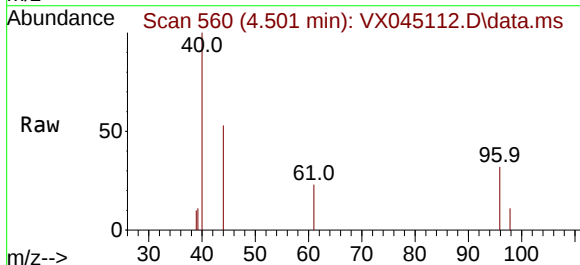
Instrument :
MSVOA_X
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IBLK

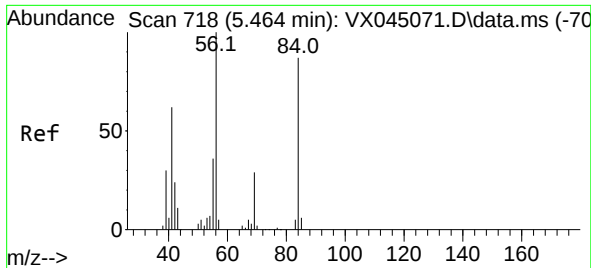
Tgt Ion: 43 Resp: 493
Ion Ratio Lower Upper
43 100
74 0.0 17.4 26.2#



#27
cis-1,2-Dichloroethene
Concen: 0.458 ug/l
RT: 4.501 min Scan# 560
Delta R.T. 0.018 min
Lab File: VX045112.D
Acq: 03 Mar 2025 14:54

Tgt Ion: 96 Resp: 525
Ion Ratio Lower Upper
96 100
61 120.2 0.0 283.2
98 53.0 0.0 128.0

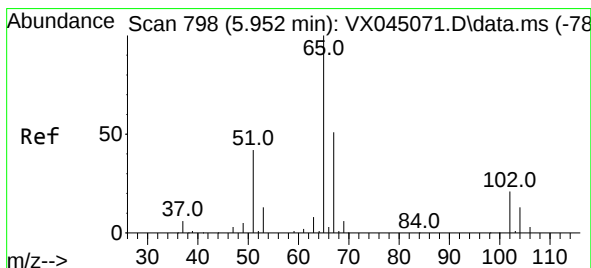
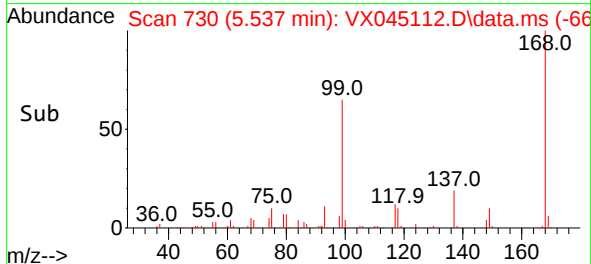
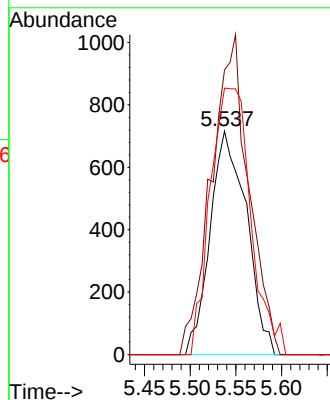
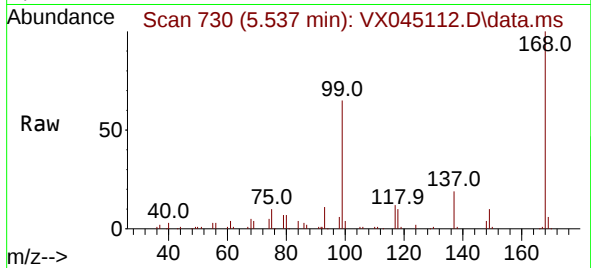




#31
Cyclohexane
Concen: 1.191 ug/l
RT: 5.537 min Scan# 718
Delta R.T. 0.073 min
Lab File: VX045112.D
Acq: 03 Mar 2025 14:54

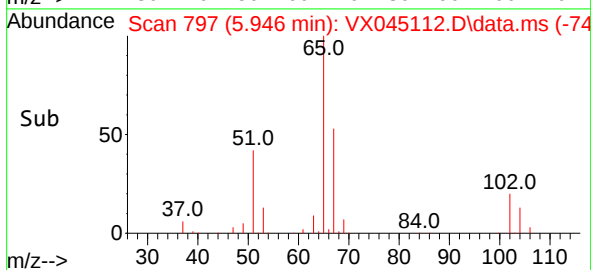
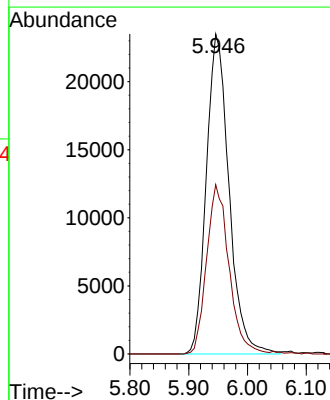
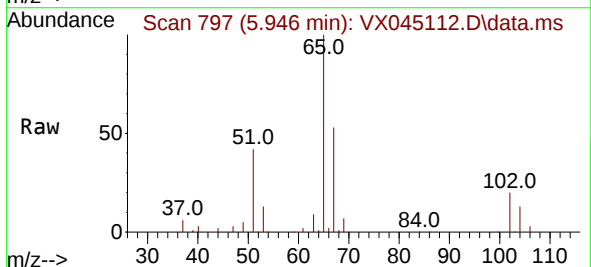
Instrument :
MSVOA_X
ClientSampleId :
IBLK

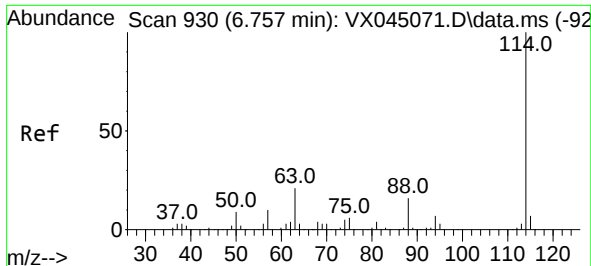
Tgt Ion: 56 Resp: 1973
Ion Ratio Lower Upper
56 100
69 127.4 23.4 35.2#
84 119.3 69.4 104.2#



#33
1,2-Dichloroethane-d4
Concen: 51.842 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.006 min
Lab File: VX045112.D
Acq: 03 Mar 2025 14:54

Tgt Ion: 65 Resp: 63105
Ion Ratio Lower Upper
65 100
67 52.1 0.0 106.2

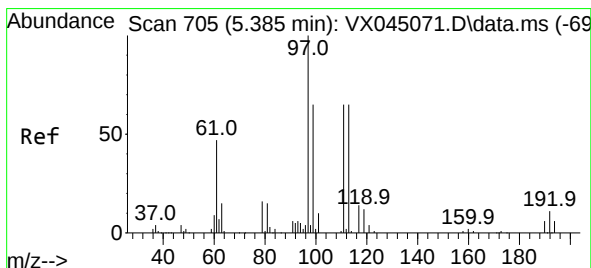
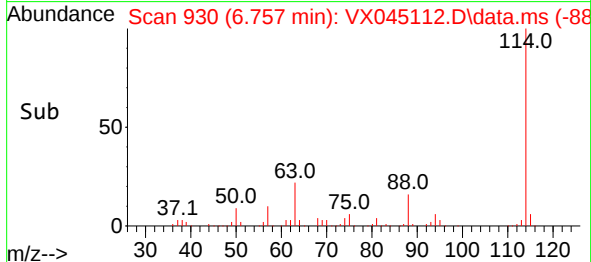
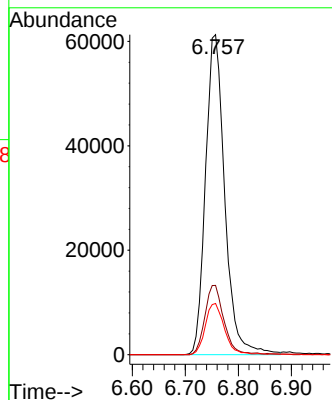
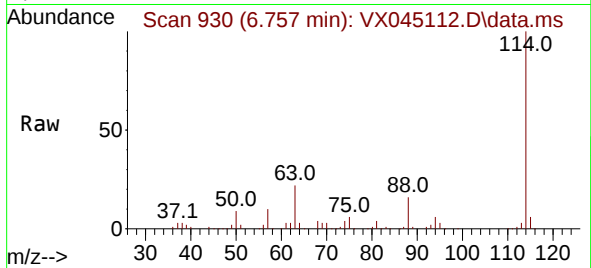




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045112.D
Acq: 03 Mar 2025 14:54

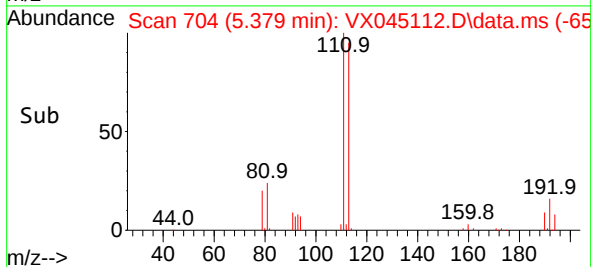
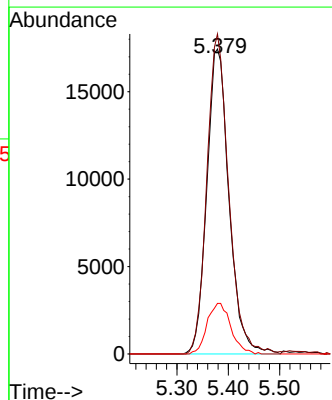
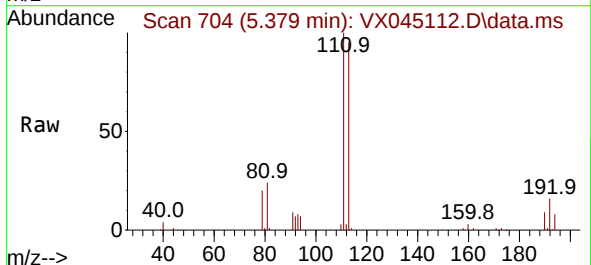
Instrument :
MSVOA_X
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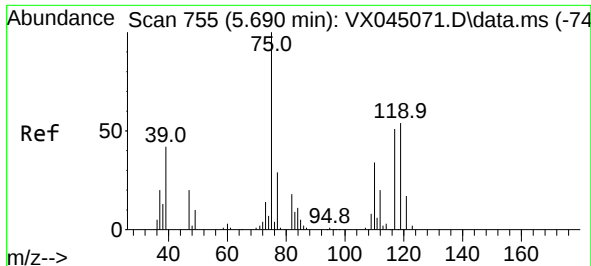
Tgt Ion:114 Resp: 154685
Ion Ratio Lower Upper
114 100
63 21.7 0.0 41.8
88 16.0 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.609 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX045112.D
Acq: 03 Mar 2025 14:54

Tgt Ion:113 Resp: 52347
Ion Ratio Lower Upper
113 100
111 103.2 81.8 122.6
192 17.7 14.3 21.5

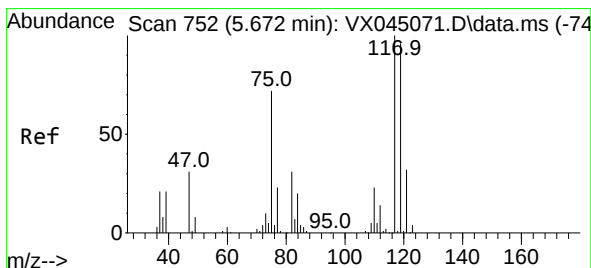
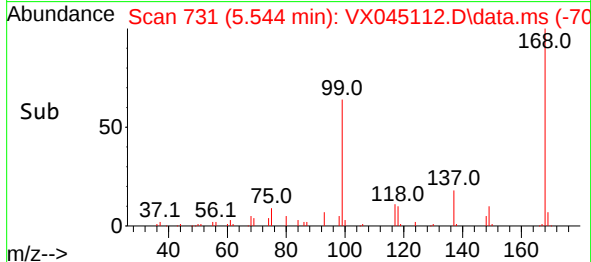
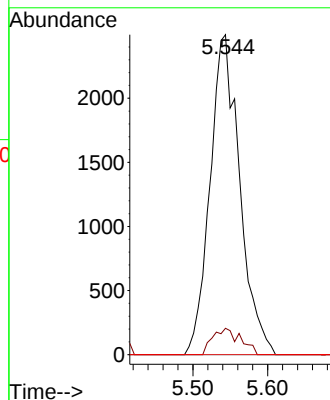
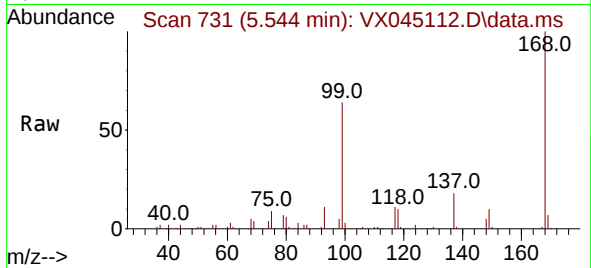




#36
1,1-Dichloropropene
Concen: 4.857 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.147 min
Lab File: VX045112.D
Acq: 03 Mar 2025 14:54

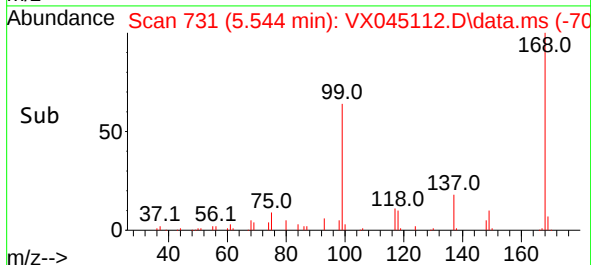
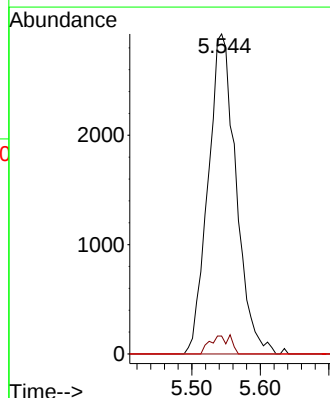
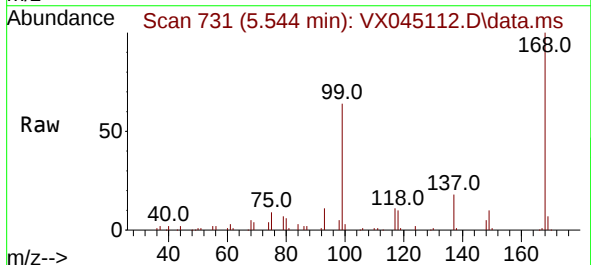
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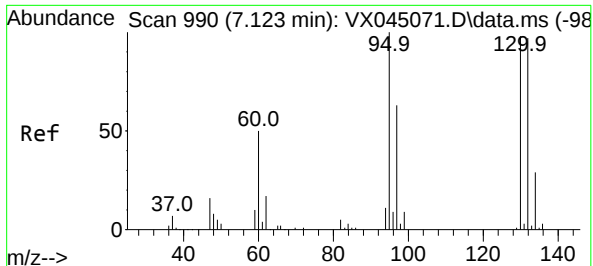
Tgt Ion: 75 Resp: 6890
Ion Ratio Lower Upper
75 100
110 7.7 16.9 50.6#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 5.765 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX045112.D
Acq: 03 Mar 2025 14:54

Tgt Ion: 117 Resp: 8302
Ion Ratio Lower Upper
117 100
119 5.6 76.7 115.1#
121 0.0 25.5 38.3#

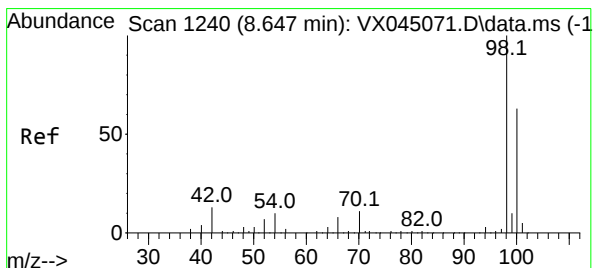
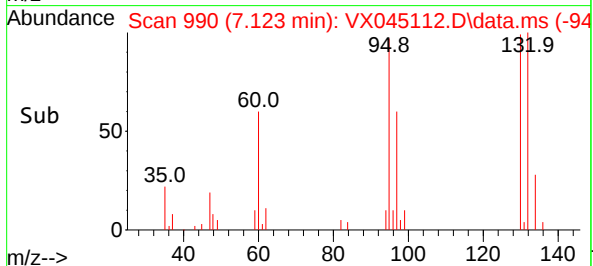
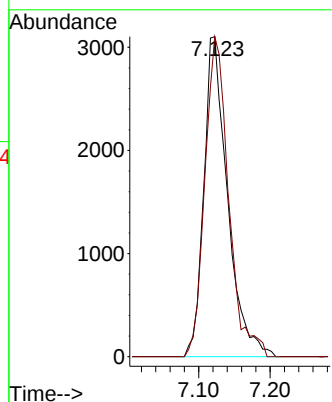
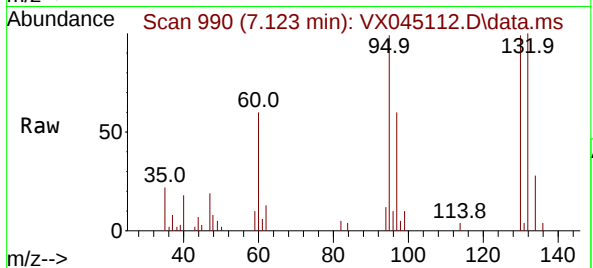




#44
 Trichloroethene
 Concen: 6.787 ug/l
 RT: 7.123 min Scan# 990
 Delta R.T. -0.000 min
 Lab File: VX045112.D
 Acq: 03 Mar 2025 14:54

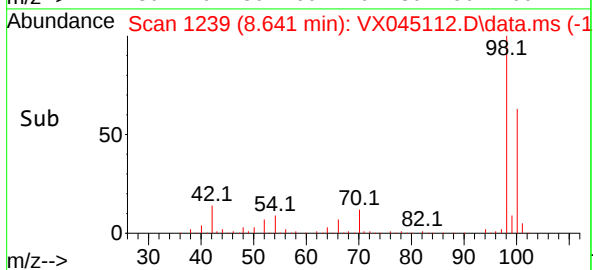
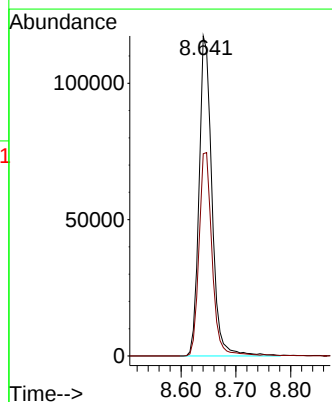
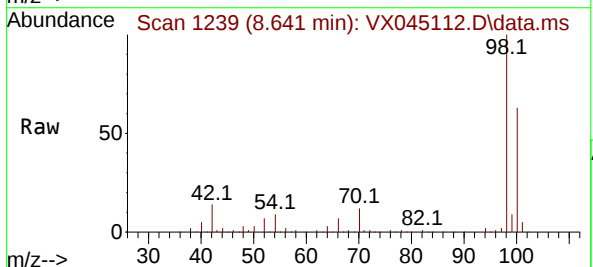
Instrument :
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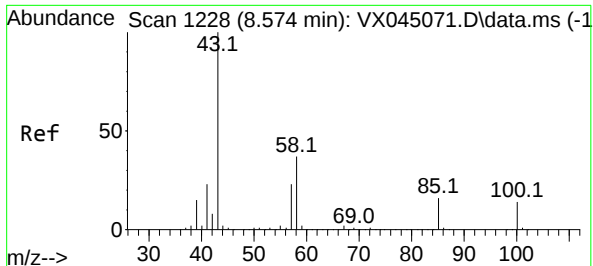
Tgt Ion:130 Resp: 7138
 Ion Ratio Lower Upper
 130 100
 95 100.0 0.0 205.0



#50
 Toluene-d8
 Concen: 51.195 ug/l
 RT: 8.641 min Scan# 1239
 Delta R.T. -0.006 min
 Lab File: VX045112.D
 Acq: 03 Mar 2025 14:54

Tgt Ion: 98 Resp: 191973
 Ion Ratio Lower Upper
 98 100
 100 64.3 52.0 78.0

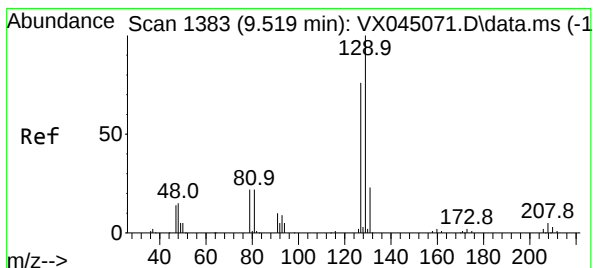
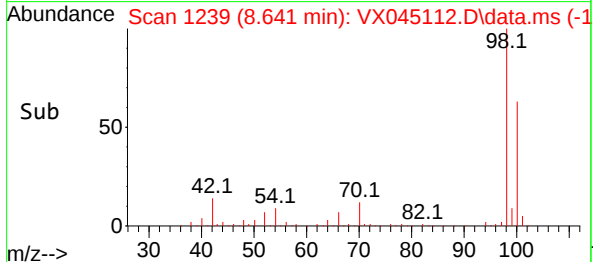
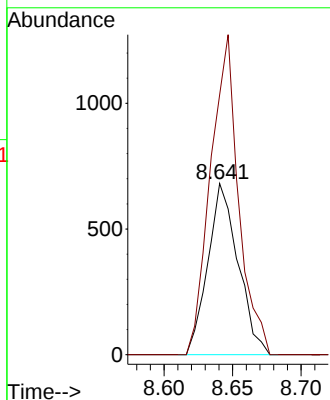
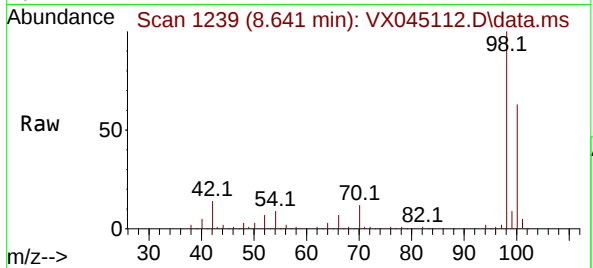




#51
4-Methyl-2-Pentanone
Concen: 0.575 ug/l
RT: 8.641 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX045112.D
Acq: 03 Mar 2025 14:54

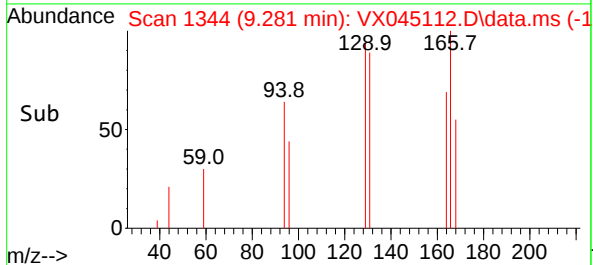
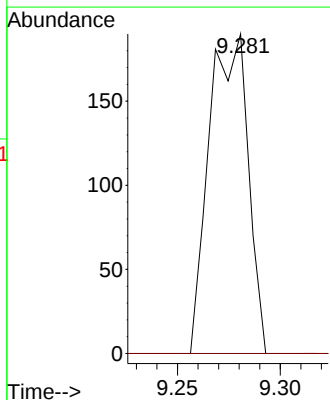
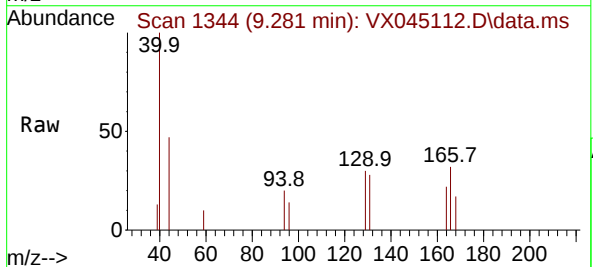
Instrument :
MSVOA_X
ClientSampleId :
IBLK

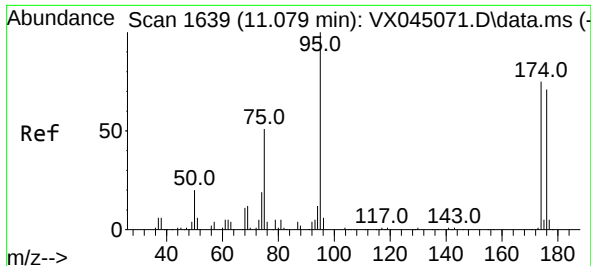
Tgt Ion: 43 Resp: 1043
Ion Ratio Lower Upper
43 100
58 174.1 29.2 43.8#



#60
Dibromochloromethane
Concen: 0.221 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.238 min
Lab File: VX045112.D
Acq: 03 Mar 2025 14:54

Tgt Ion: 129 Resp: 250
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#





#62

4-Bromofluorobenzene

Concen: 53.399 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX045112.D

Acq: 03 Mar 2025 14:54

Instrument :

MSVOA_X

ClientSampleId :

IBLK

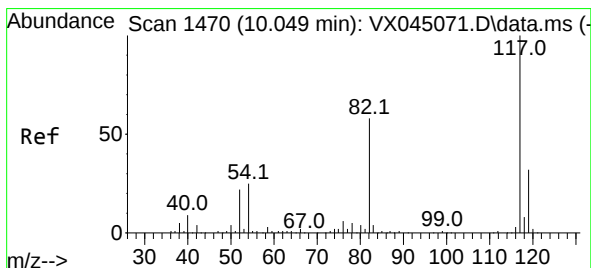
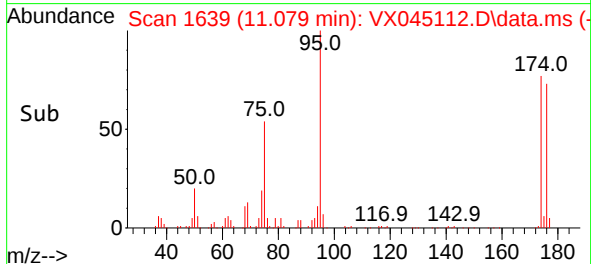
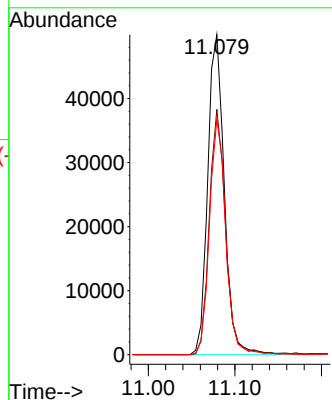
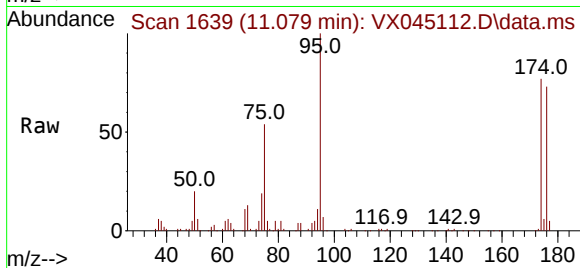
Tgt Ion: 95 Resp: 66353

Ion Ratio Lower Upper

95 100

174 75.4 0.0 148.2

176 72.6 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: VX045112.D

Acq: 03 Mar 2025 14:54

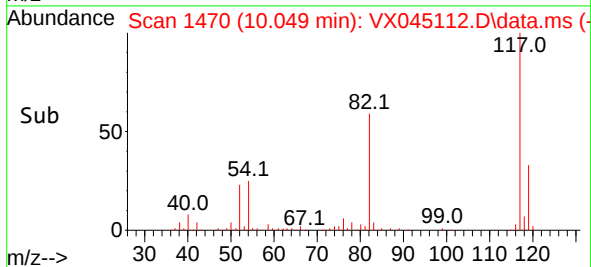
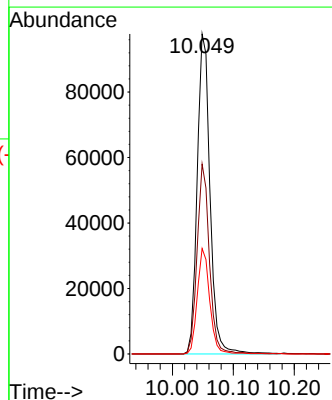
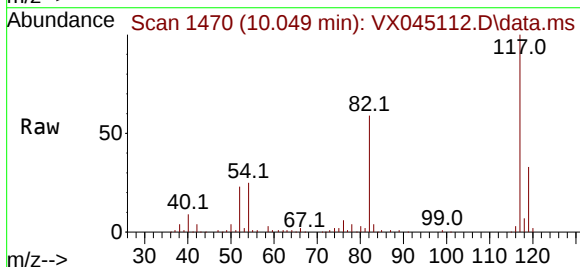
Tgt Ion: 117 Resp: 142310

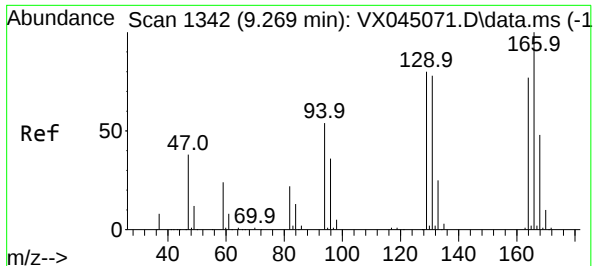
Ion Ratio Lower Upper

117 100

82 59.3 46.3 69.5

119 33.0 25.7 38.5

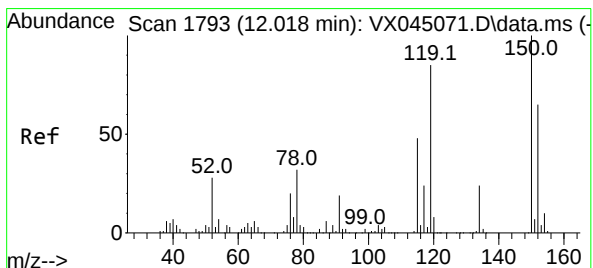
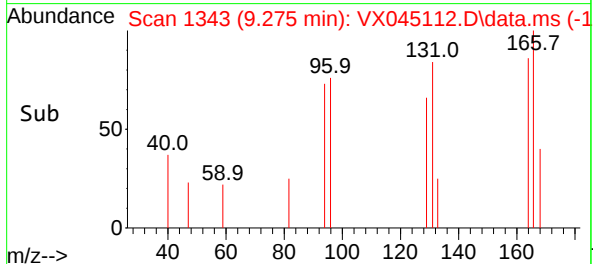
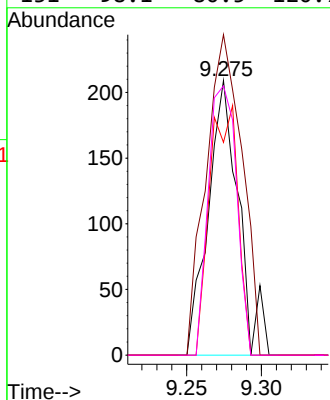
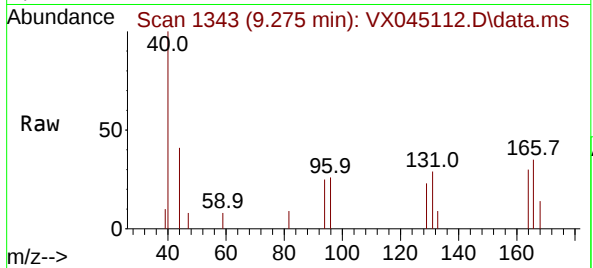




#64
Tetrachloroethene
Concen: 0.325 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX045112.D
Acq: 03 Mar 2025 14:54

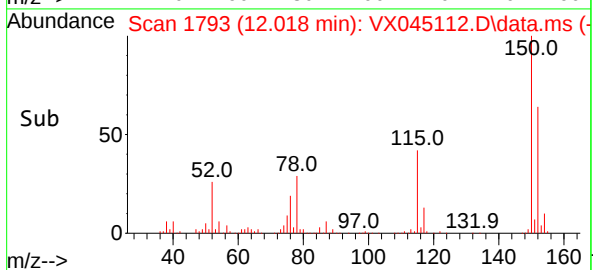
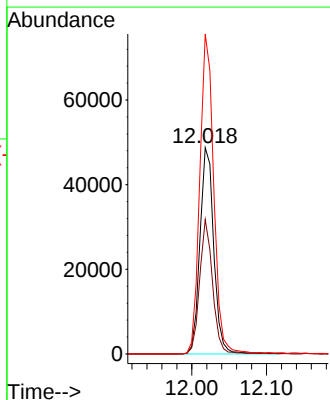
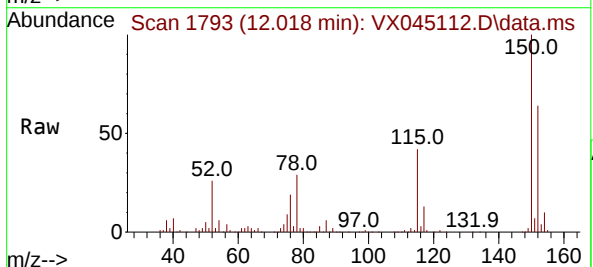
Instrument :
MSVOA_X
ClientSampleId :
IBLK

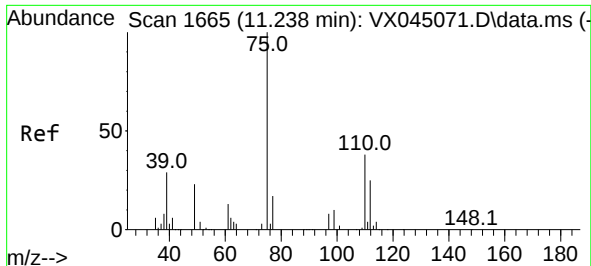
Tgt Ion:164 Resp: 296
Ion Ratio Lower Upper
164 100
166 116.7 103.6 155.4
129 77.5 82.7 124.1#
131 98.1 80.5 120.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045112.D
Acq: 03 Mar 2025 14:54

Tgt Ion:152 Resp: 62854
Ion Ratio Lower Upper
152 100
115 60.8 44.2 132.6
150 155.5 0.0 349.0

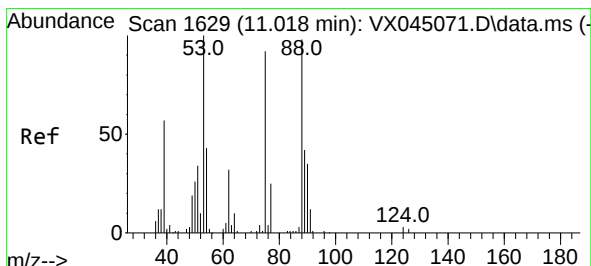
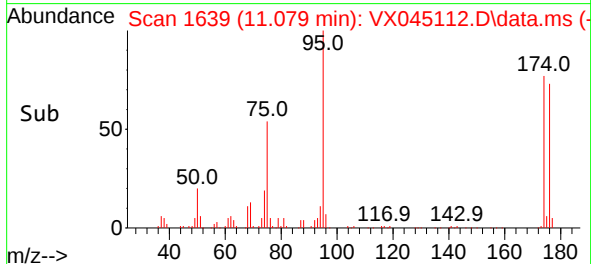
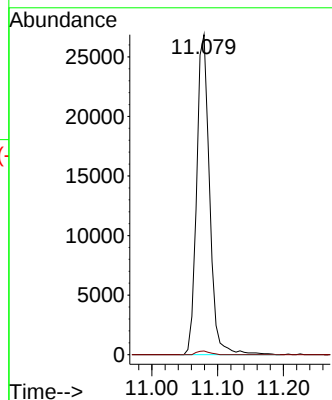
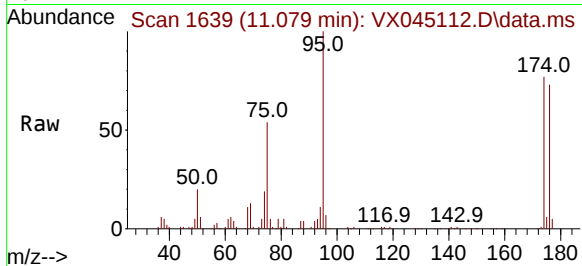




#76
1,2,3-Trichloropropane
Concen: 25.037 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX045112.D
Acq: 03 Mar 2025 14:54

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 75 Resp: 36628
Ion Ratio Lower Upper
75 100
77 1.2 20.7 62.1#



#81
trans-1,4-Dichloro-2-butene
Concen: 85.683 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX045112.D
Acq: 03 Mar 2025 14:54

Tgt Ion: 75 Resp: 36628
Ion Ratio Lower Upper
75 100
53 0.0 88.5 132.7#
89 0.0 36.2 54.4#

