

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031225\
 Data File : VX045244.D
 Acq On : 12 Mar 2025 13:25
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Mar 13 01:40:41 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)

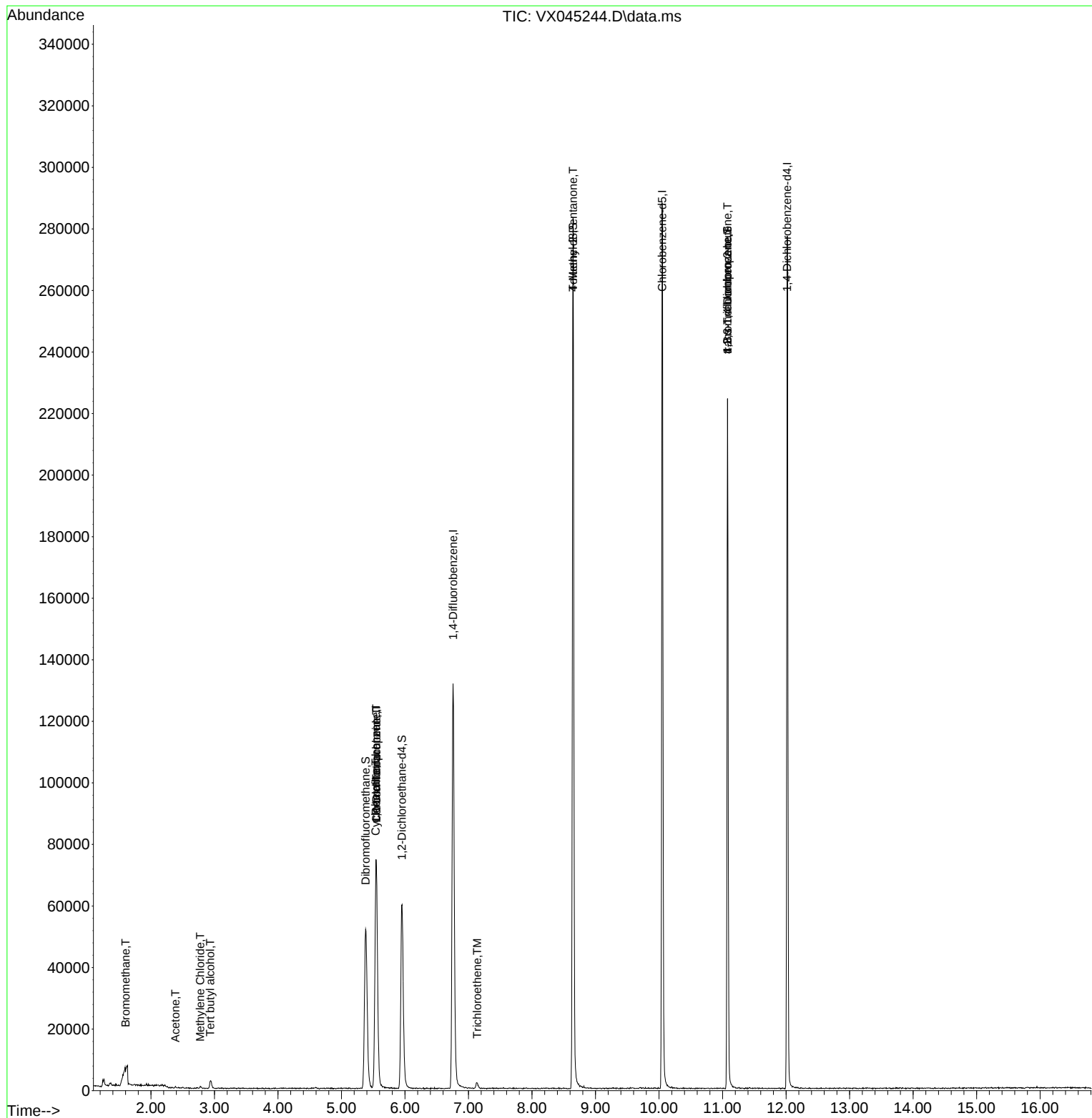
Internal Standards						
1) Pentafluorobenzene	5.544	168	68008	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	133506	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	124141	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	53174	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	58396	53.982	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.960%	
35) Dibromofluoromethane	5.379	113	46445	52.026	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.060%	
50) Toluene-d8	8.647	98	164164	50.724	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.440%	
62) 4-Bromofluorobenzene	11.079	95	57665	53.769	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 107.540%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.599	94	87	0.213	ug/l #	59
11) Tert butyl alcohol	2.934	59	1448	7.067	ug/l #	73
16) Acetone	2.386	43	422	0.841	ug/l #	76
20) Methylene Chloride	2.776	84	274	0.276	ug/l #	79
31) Cyclohexane	5.538	56	1875	1.274	ug/l #	27
36) 1,1-Dichloropropene	5.550	75	6280	5.130	ug/l #	50
38) Carbon Tetrachloride	5.550	117	7298	5.872	ug/l #	16
44) Trichloroethene	7.135	130	935	1.030	ug/l	86
51) 4-Methyl-2-Pentanone	8.647	43	1015	0.648	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	32400	26.179	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	32400	89.590	ug/l #	6

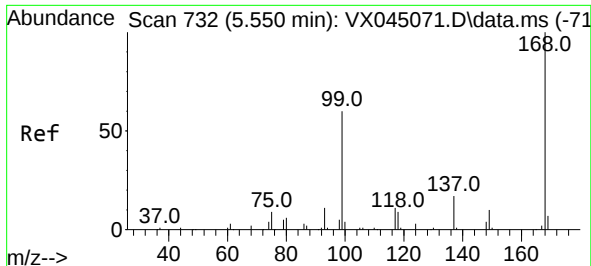
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

Quant Time: Mar 13 01:40:41 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

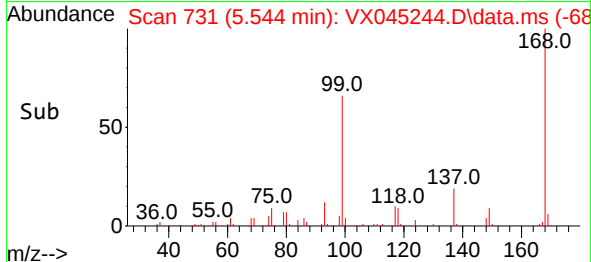
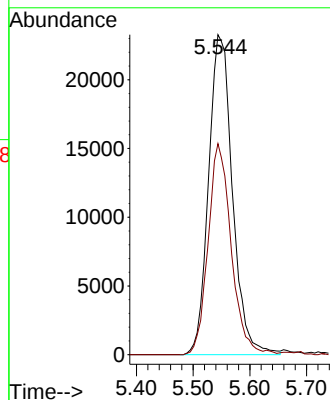
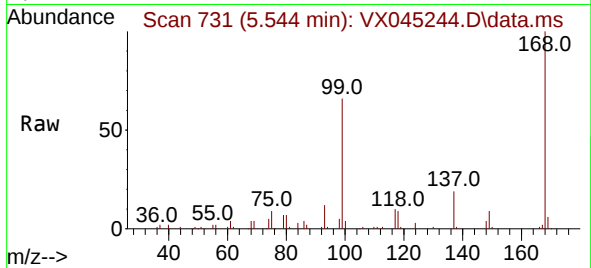




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045244.D
Acq: 12 Mar 2025 13:25

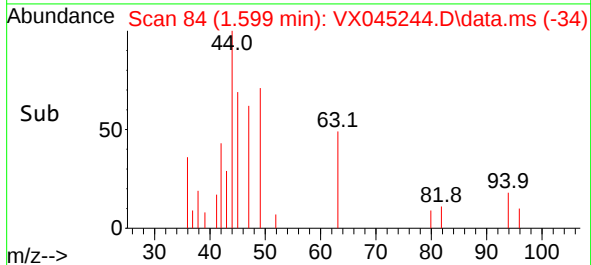
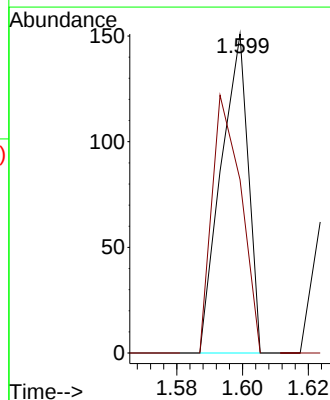
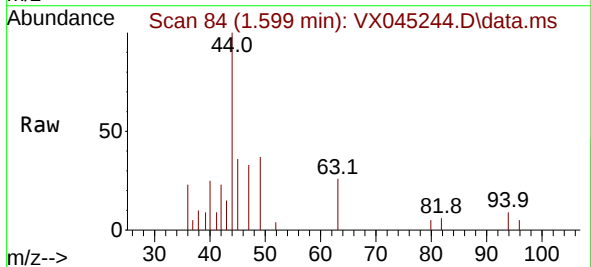
Instrument :
MSVOA_X
ClientSampleId :
IBLK

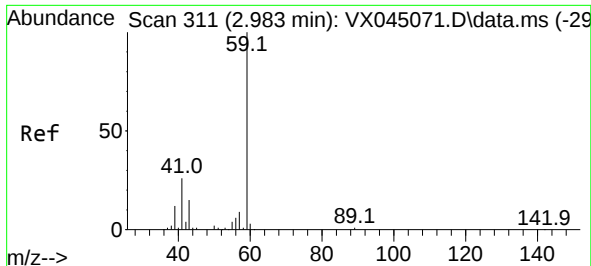
Tgt Ion:168 Resp: 68008
Ion Ratio Lower Upper
168 100
99 66.0 48.2 72.4



#5
Bromomethane
Concen: 0.213 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX045244.D
Acq: 12 Mar 2025 13:25

Tgt Ion: 94 Resp: 87
Ion Ratio Lower Upper
94 100
96 54.3 75.0 112.4#





#11

Tert butyl alcohol

Concen: 7.067 ug/l

RT: 2.934 min Scan# 30

Delta R.T. -0.049 min

Lab File: VX045244.D

Acq: 12 Mar 2025 13:25

Instrument :

MSVOA_X

ClientSampleId :

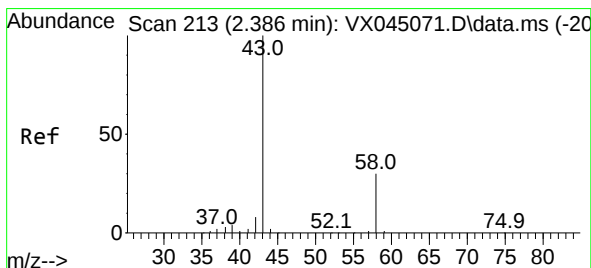
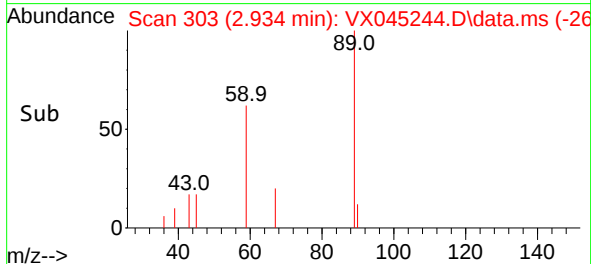
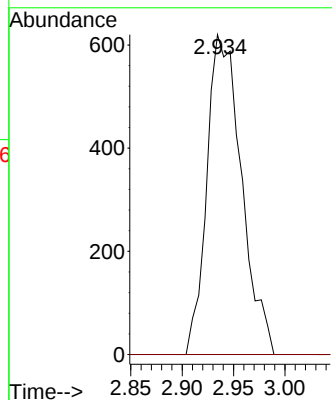
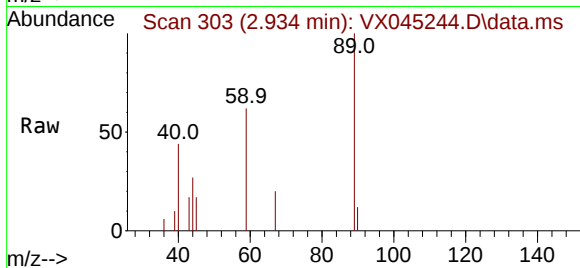
IBLK

Tgt Ion: 59 Resp: 1448

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#



#16

Acetone

Concen: 0.841 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.000 min

Lab File: VX045244.D

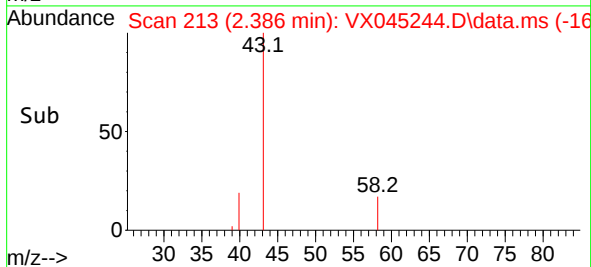
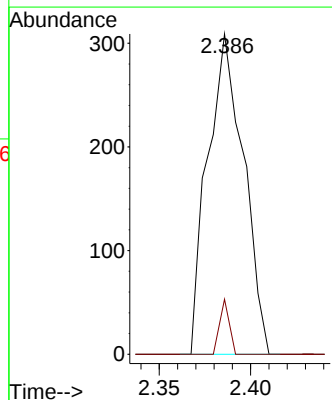
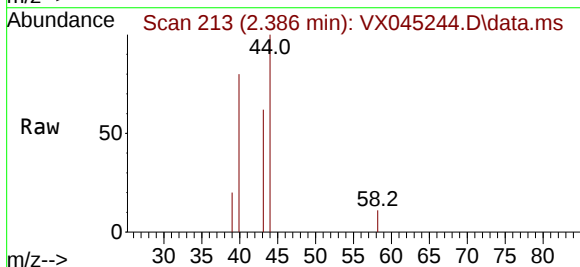
Acq: 12 Mar 2025 13:25

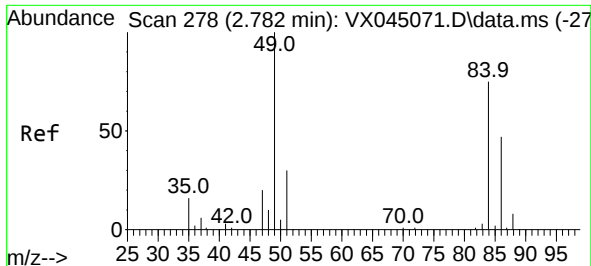
Tgt Ion: 43 Resp: 422

Ion Ratio Lower Upper

43 100

58 17.2 24.2 36.4#



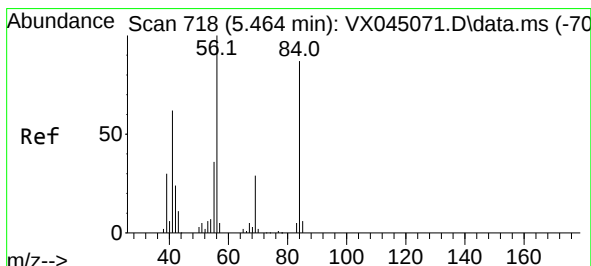
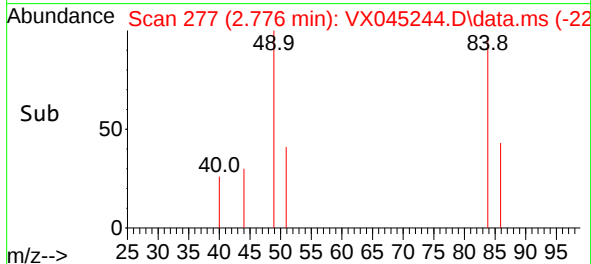
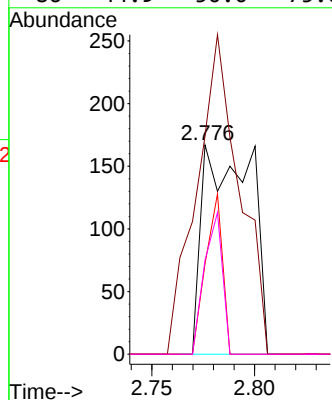
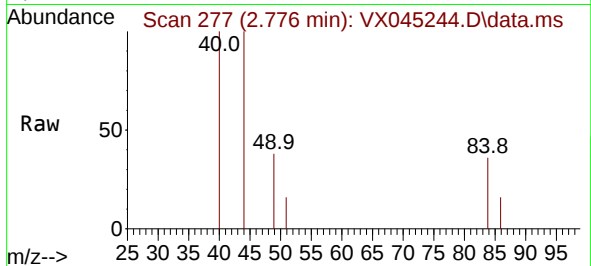


#20
Methylene Chloride
Concen: 0.276 ug/l
RT: 2.776 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX045244.D
Acq: 12 Mar 2025 13:25

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 84 Resp: 274

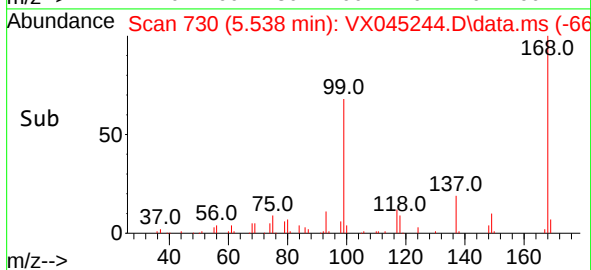
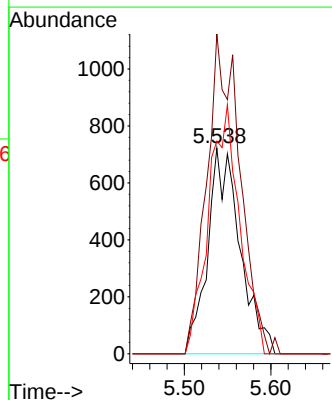
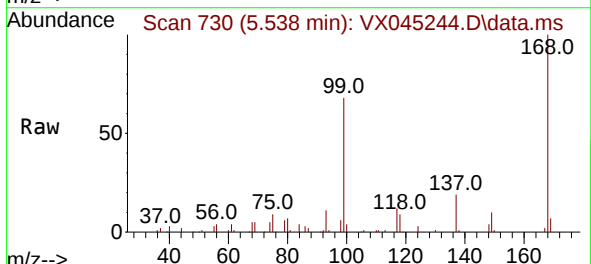
Ion	Ratio	Lower	Upper
84	100		
49	104.2	106.5	159.7#
51	43.1	32.1	48.1
86	44.9	50.0	75.0#



#31
Cyclohexane
Concen: 1.274 ug/l
RT: 5.538 min Scan# 730
Delta R.T. 0.073 min
Lab File: VX045244.D
Acq: 12 Mar 2025 13:25

Tgt Ion: 56 Resp: 1875

Ion	Ratio	Lower	Upper
56	100		
69	155.5	23.4	35.2#
84	103.5	69.4	104.2





#33

1,2-Dichloroethane-d4

Concen: 53.982 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045244.D

Acq: 12 Mar 2025 13:25

Instrument :

MSVOA_X

ClientSampleId :

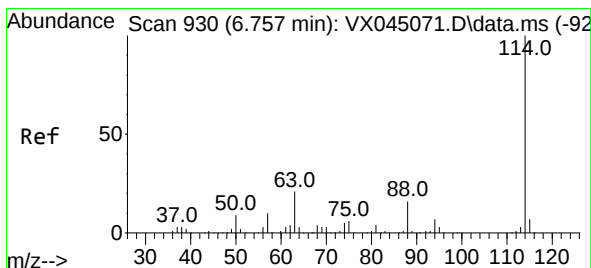
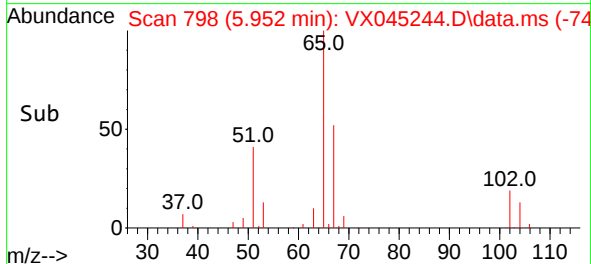
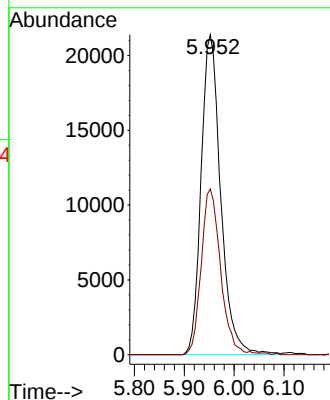
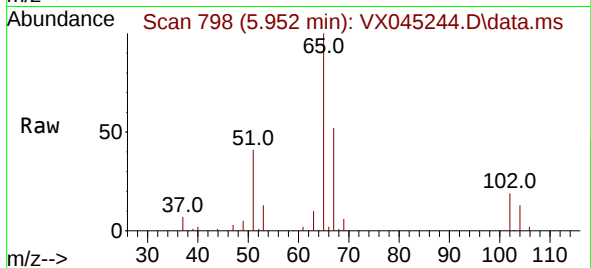
IBLK

Tgt Ion: 65 Resp: 58396

Ion Ratio Lower Upper

65 100

67 51.2 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: VX045244.D

Acq: 12 Mar 2025 13:25

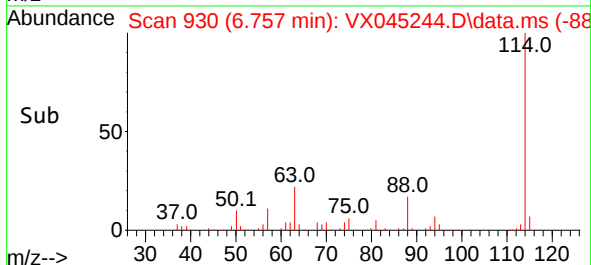
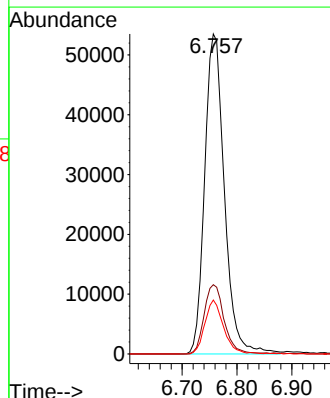
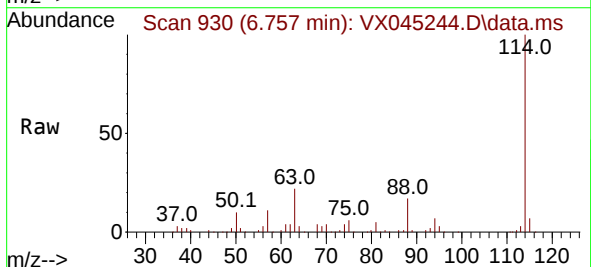
Tgt Ion: 114 Resp: 133506

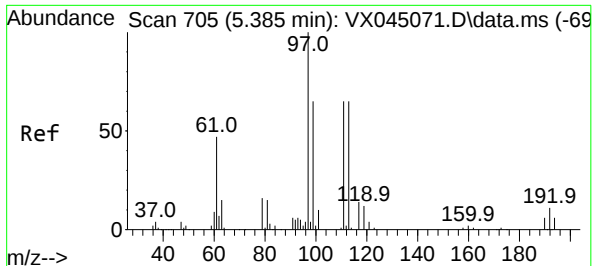
Ion Ratio Lower Upper

114 100

63 21.6 0.0 41.8

88 16.8 0.0 32.8

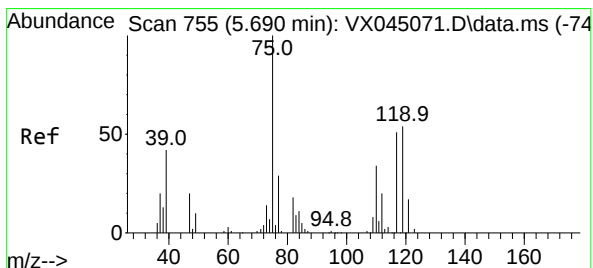
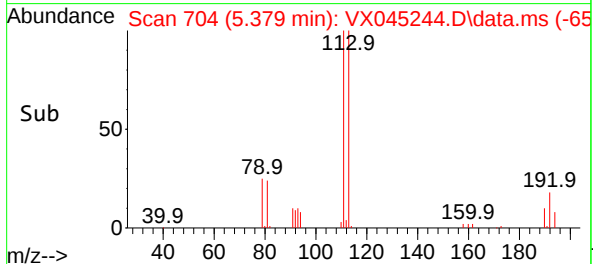
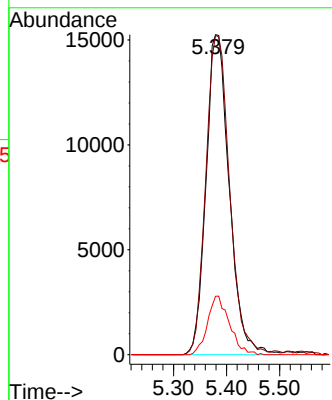
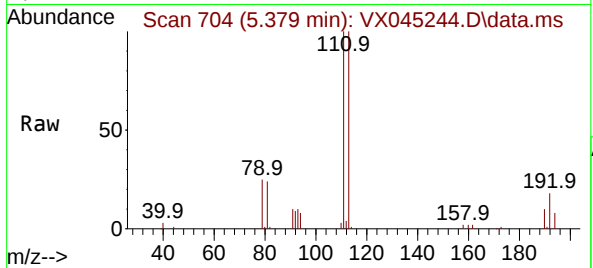




#35
 Dibromofluoromethane
 Concen: 52.026 ug/l
 RT: 5.379 min Scan# 705
 Delta R.T. -0.006 min
 Lab File: VX045244.D
 Acq: 12 Mar 2025 13:25

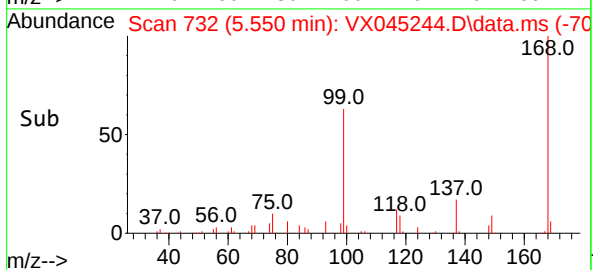
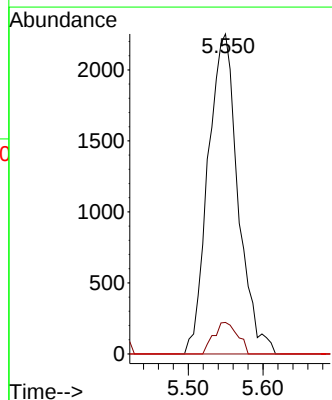
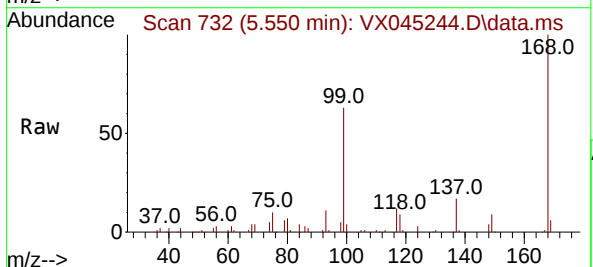
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

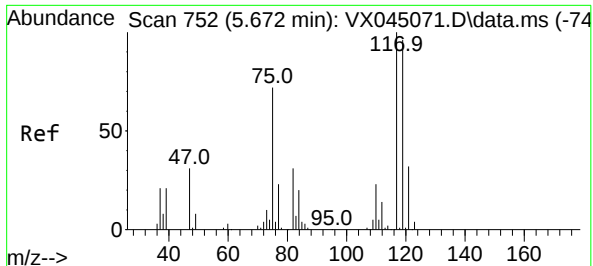
Tgt Ion:113 Resp: 46445
 Ion Ratio Lower Upper
 113 100
 111 101.9 81.8 122.6
 192 17.3 14.3 21.5



#36
 1,1-Dichloropropene
 Concen: 5.130 ug/l
 RT: 5.550 min Scan# 732
 Delta R.T. -0.140 min
 Lab File: VX045244.D
 Acq: 12 Mar 2025 13:25

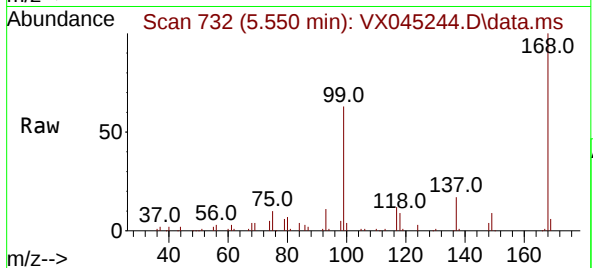
Tgt Ion: 75 Resp: 6280
 Ion Ratio Lower Upper
 75 100
 110 7.8 16.9 50.6#
 77 0.0 24.5 36.7#



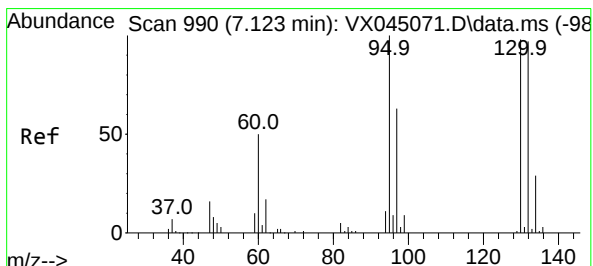
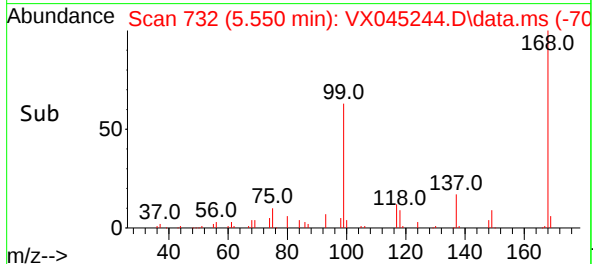
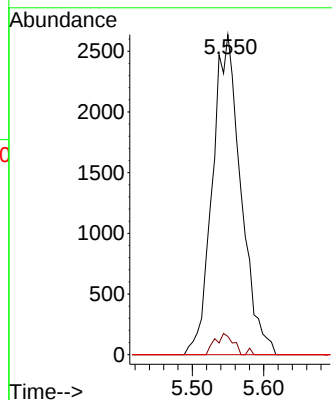


#38
Carbon Tetrachloride
Concen: 5.872 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX045244.D
Acq: 12 Mar 2025 13:25

Instrument :
MSVOA_X
ClientSampleId :
IBLK

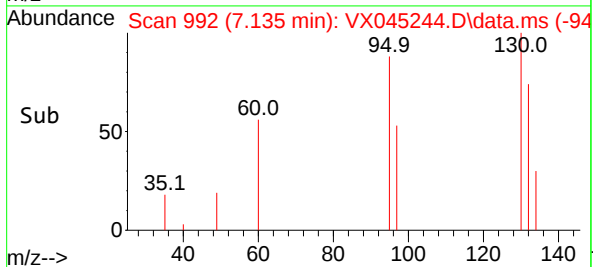
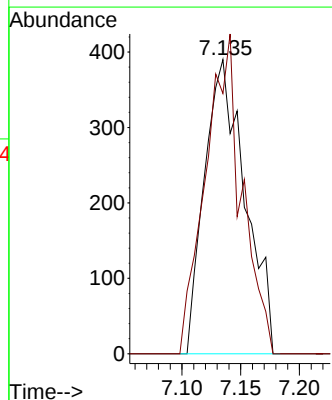
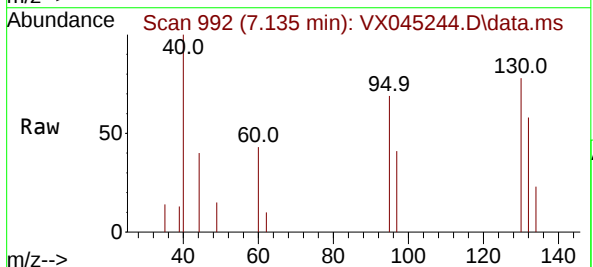


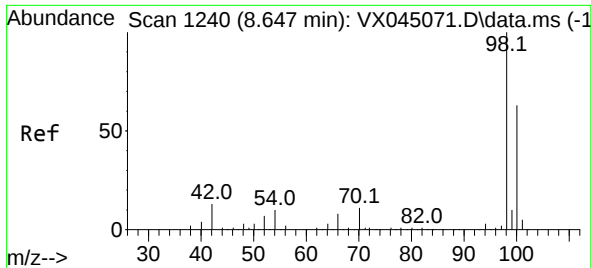
Tgt Ion:117 Resp: 7298
Ion Ratio Lower Upper
117 100
119 5.7 76.7 115.1#
121 0.0 25.5 38.3#



#44
Trichloroethene
Concen: 1.030 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.012 min
Lab File: VX045244.D
Acq: 12 Mar 2025 13:25

Tgt Ion:130 Resp: 935
Ion Ratio Lower Upper
130 100
95 88.5 0.0 205.0

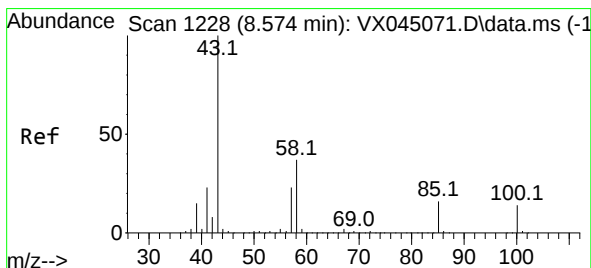
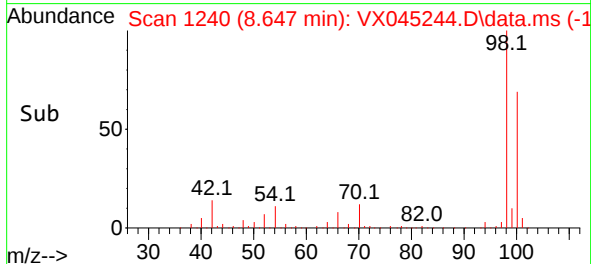
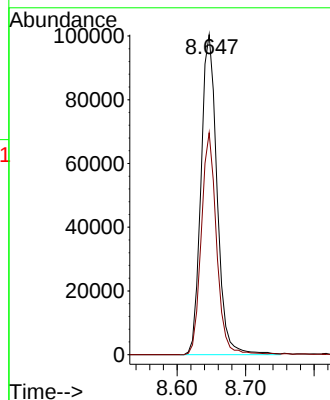
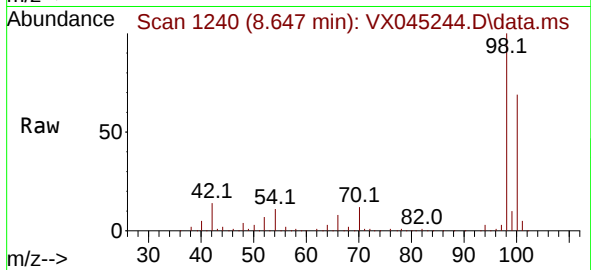




#50
Toluene-d8
Concen: 50.724 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045244.D
Acq: 12 Mar 2025 13:25

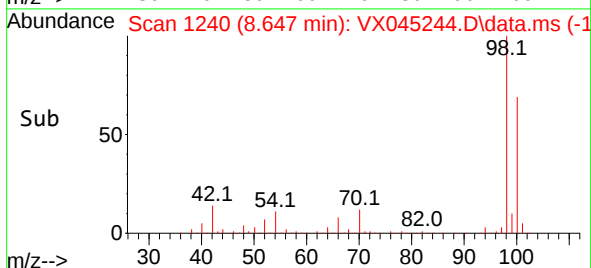
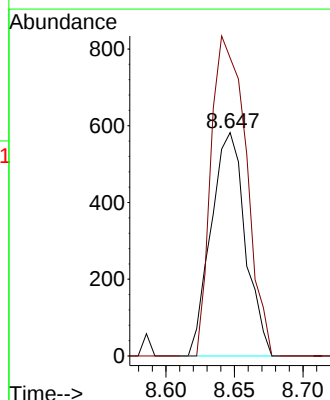
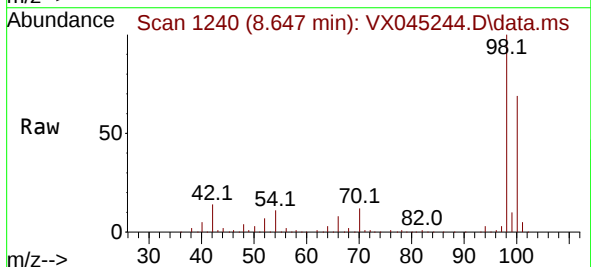
Instrument :
MSVOA_X
ClientSampleId :
IBLK

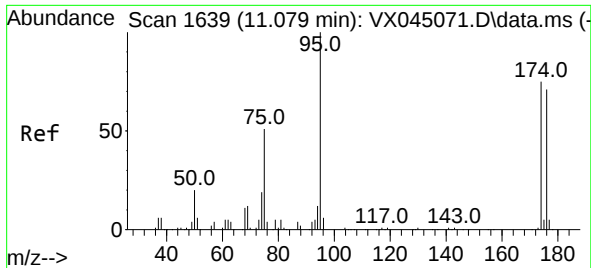
Tgt Ion: 98 Resp: 164164
Ion Ratio Lower Upper
98 100
100 65.9 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.648 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX045244.D
Acq: 12 Mar 2025 13:25

Tgt Ion: 43 Resp: 1015
Ion Ratio Lower Upper
43 100
58 145.8 29.2 43.8#

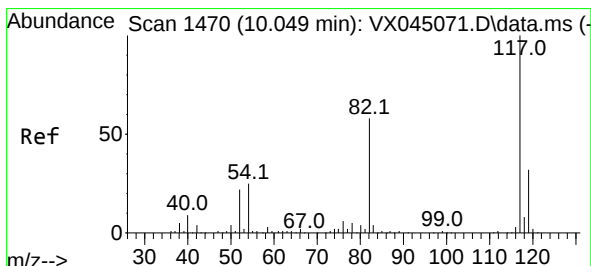
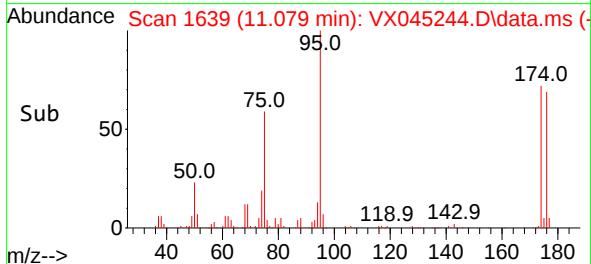
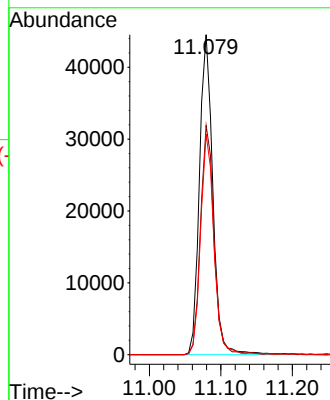
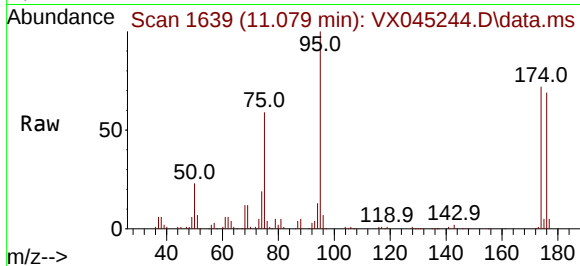




#62
4-Bromofluorobenzene
Concen: 53.769 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045244.D
Acq: 12 Mar 2025 13:25

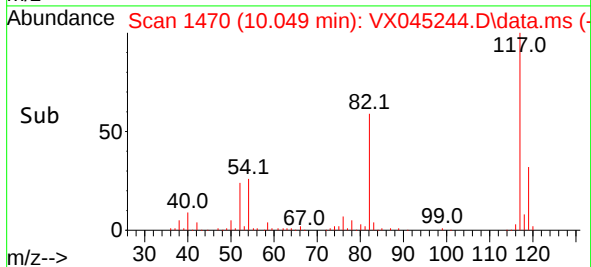
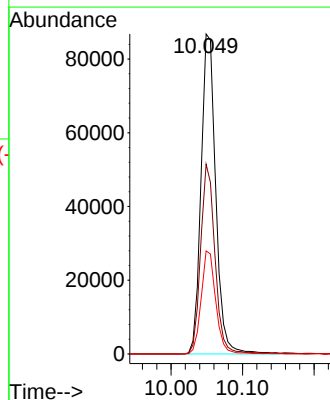
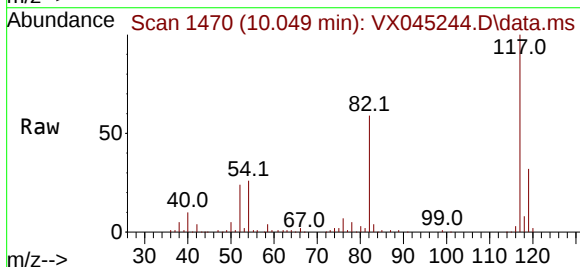
Instrument :
MSVOA_X
ClientSampleId :
IBLK

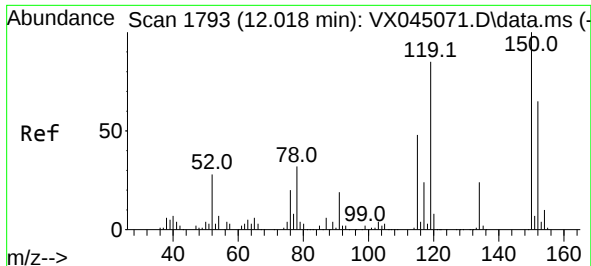
Tgt Ion: 95 Resp: 57665
Ion Ratio Lower Upper
95 100
174 72.7 0.0 148.2
176 69.0 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045244.D
Acq: 12 Mar 2025 13:25

Tgt Ion: 117 Resp: 124141
Ion Ratio Lower Upper
117 100
82 59.3 46.3 69.5
119 32.2 25.7 38.5

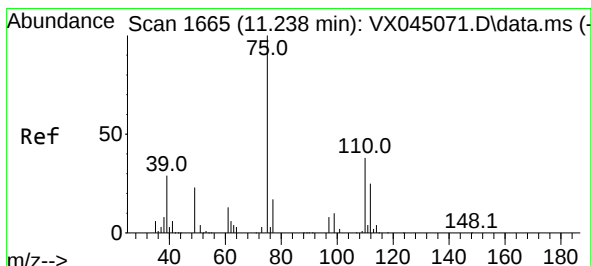
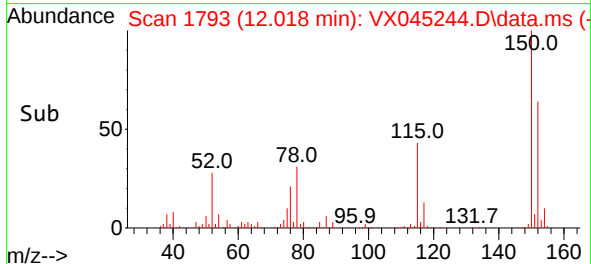
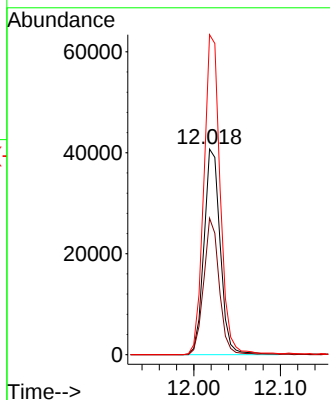
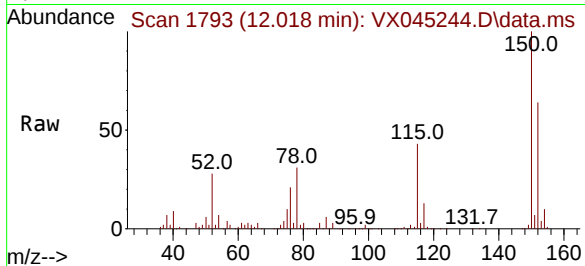




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 1793
 Delta R.T. -0.000 min
 Lab File: VX045244.D
 Acq: 12 Mar 2025 13:25

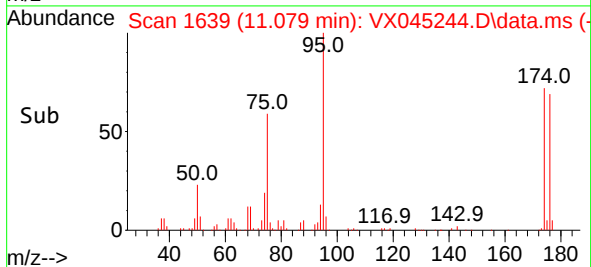
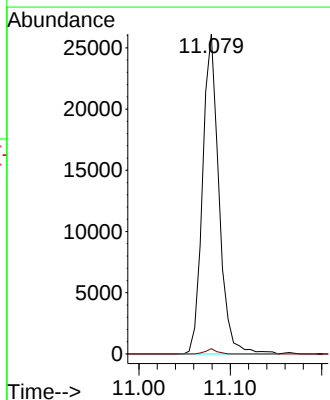
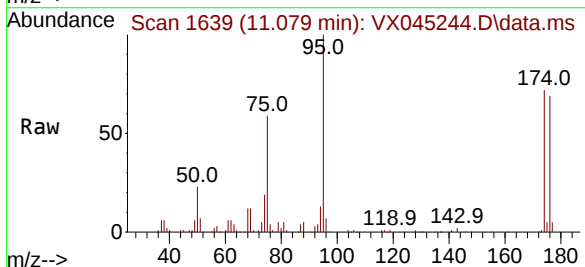
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

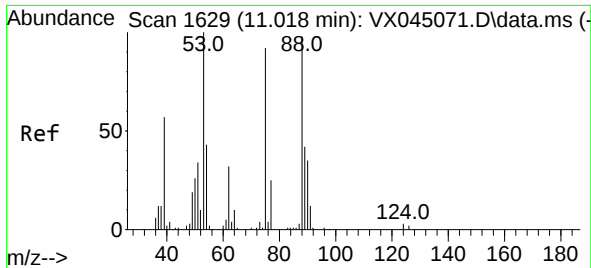
Tgt Ion:152 Resp: 53174
 Ion Ratio Lower Upper
 152 100
 115 63.4 44.2 132.6
 150 156.7 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 26.179 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX045244.D
 Acq: 12 Mar 2025 13:25

Tgt Ion: 75 Resp: 32400
 Ion Ratio Lower Upper
 75 100
 77 1.1 20.7 62.1#





#81
trans-1,4-Dichloro-2-butene
Concen: 89.590 ug/l
RT: 11.079 min Scan# 10
Delta R.T. 0.061 min
Lab File: VX045244.D
Acq: 12 Mar 2025 13:25

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 75 Resp: 32400
Ion Ratio Lower Upper
75 100
53 0.0 88.5 132.7#
89 0.0 36.2 54.4#

