

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040725\
 Data File : VX045627.D
 Acq On : 07 Apr 2025 14:35
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Apr 08 01:35:54 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

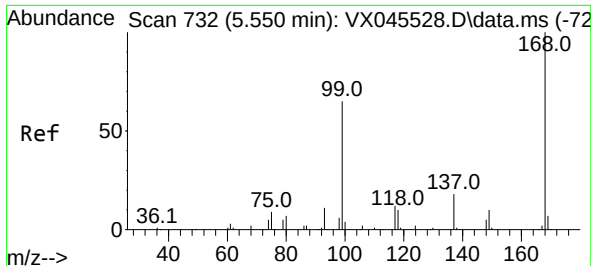
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.544	168	66910	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	133149	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	124858	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	51165	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	68217	55.751	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.500%			
35) Dibromofluoromethane	5.379	113	49263	52.147	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.300%			
50) Toluene-d8	8.647	98	168344	51.054	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.100%			
62) 4-Bromofluorobenzene	11.079	95	61759	51.420	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 102.840%			
Target Compounds						Qvalue
3) Chloromethane	1.307	50	741	0.721	ug/l #	43
11) Tert butyl alcohol	2.941	59	289	1.757	ug/l #	72
16) Acetone	2.386	43	917	1.825	ug/l	93
20) Methylene Chloride	2.788	84	445	0.473	ug/l #	82
31) Cyclohexane	5.544	56	1949	1.298	ug/l #	17
36) 1,1-Dichloropropene	5.550	75	7166	5.618	ug/l #	51
38) Carbon Tetrachloride	5.544	117	8035	5.829	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1022	0.633	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	36466	29.219	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	36466	99.165	ug/l #	1

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

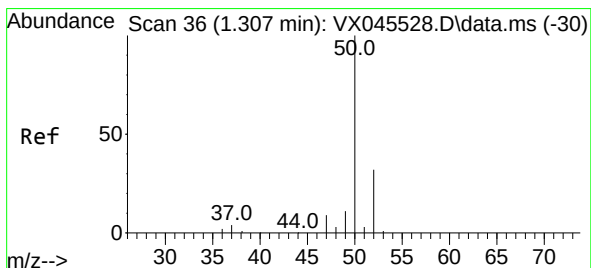
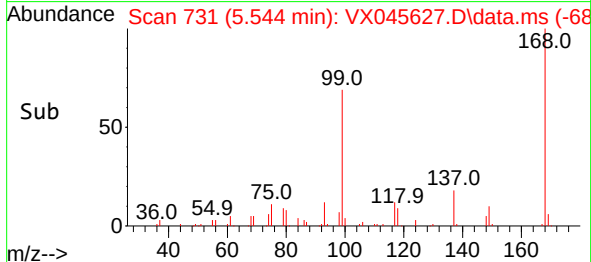
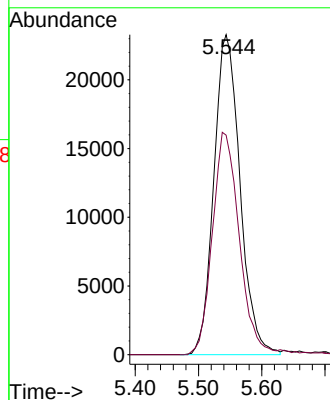
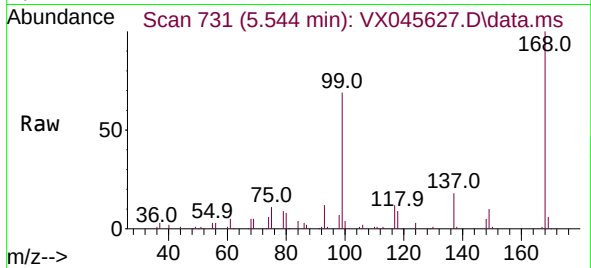




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045627.D
Acq: 07 Apr 2025 14:35

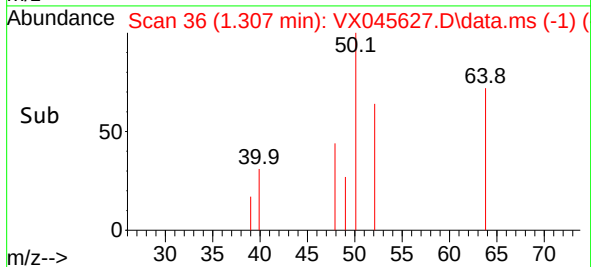
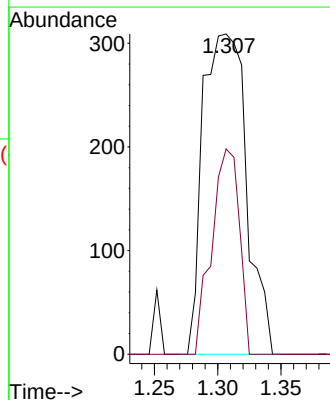
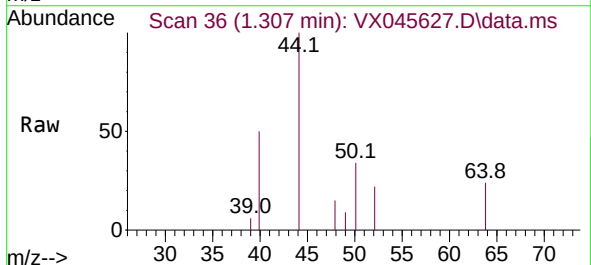
Instrument :
MSVOA_X
ClientSampleId :
IBLK

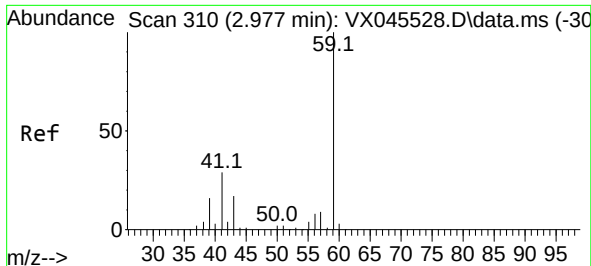
Tgt Ion:168 Resp: 66910
Ion Ratio Lower Upper
168 100
99 68.6 52.3 78.5



#3
Chloromethane
Concen: 0.721 ug/l
RT: 1.307 min Scan# 36
Delta R.T. 0.000 min
Lab File: VX045627.D
Acq: 07 Apr 2025 14:35

Tgt Ion: 50 Resp: 741
Ion Ratio Lower Upper
50 100
52 64.1 25.9 38.9#





#11

Tert butyl alcohol

Concen: 1.757 ug/l

RT: 2.941 min Scan# 304

Delta R.T. -0.037 min

Lab File: VX045627.D

Acq: 07 Apr 2025 14:35

Instrument :

MSVOA_X

ClientSampleId :

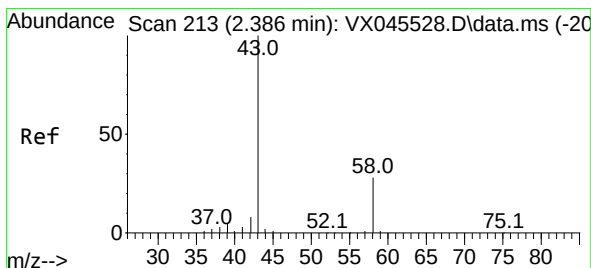
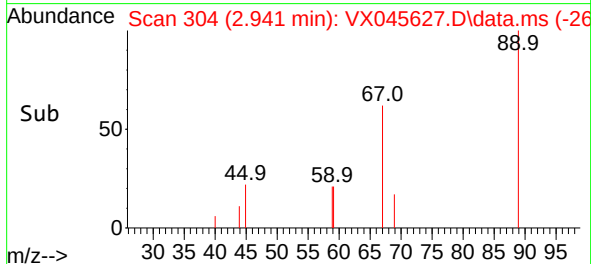
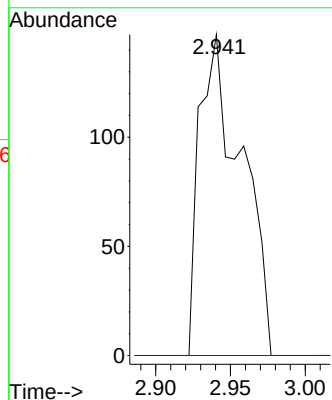
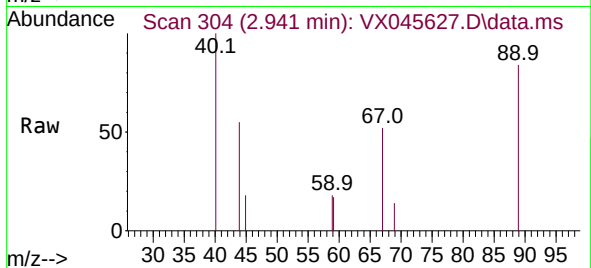
IBLK

Tgt Ion: 59 Resp: 289

Ion Ratio Lower Upper

59 100

57 0.0 8.6 12.8#



#16

Acetone

Concen: 1.825 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.000 min

Lab File: VX045627.D

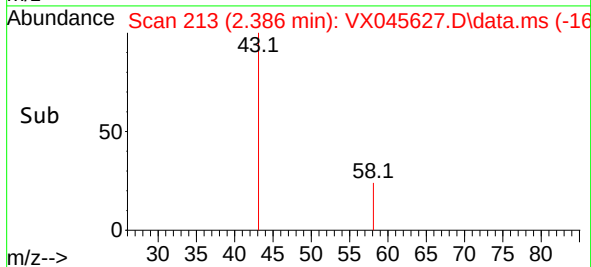
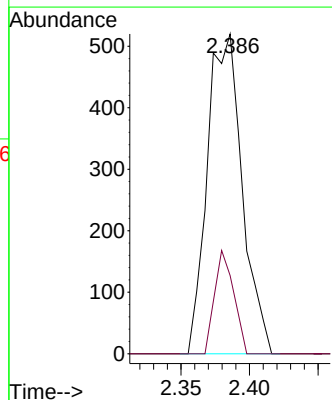
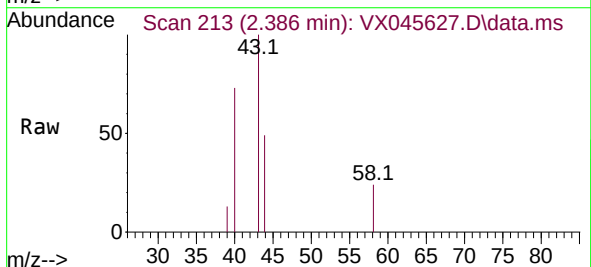
Acq: 07 Apr 2025 14:35

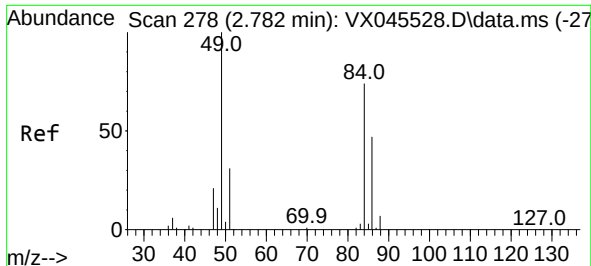
Tgt Ion: 43 Resp: 917

Ion Ratio Lower Upper

43 100

58 24.4 22.3 33.5





#20

Methylene Chloride

Concen: 0.473 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX045627.D

Acq: 07 Apr 2025 14:35

Instrument :

MSVOA_X

ClientSampleId :

IBLK

Tgt Ion: 84 Resp: 445

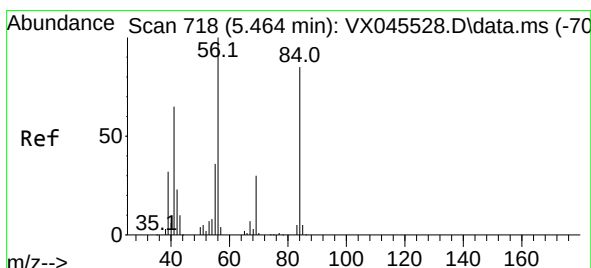
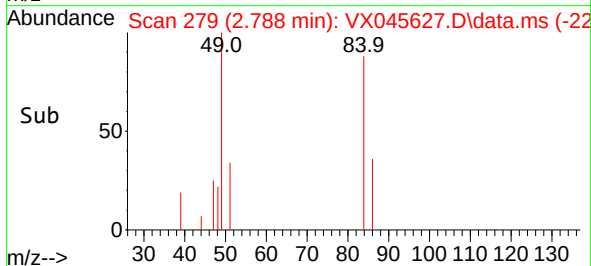
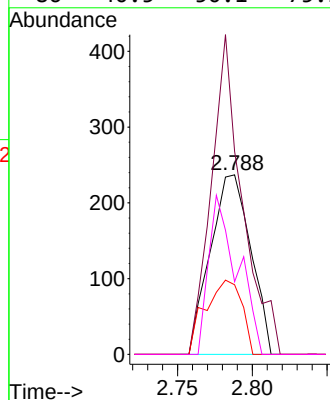
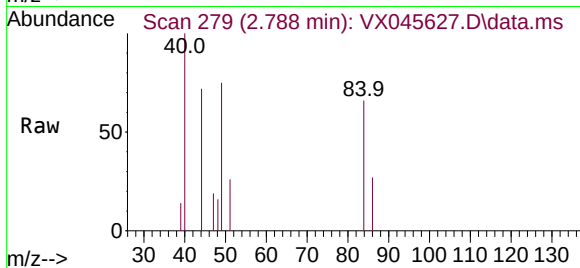
Ion Ratio Lower Upper

84 100

49 113.1 107.5 161.3

51 38.8 33.0 49.6

86 40.5 50.1 75.1#



#31

Cyclohexane

Concen: 1.298 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.079 min

Lab File: VX045627.D

Acq: 07 Apr 2025 14:35

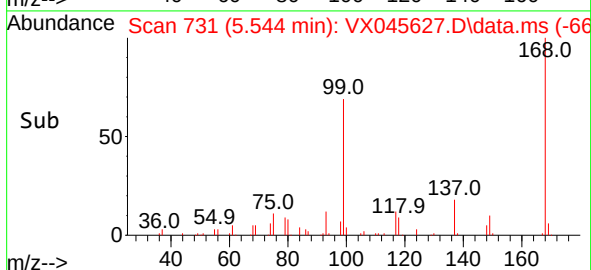
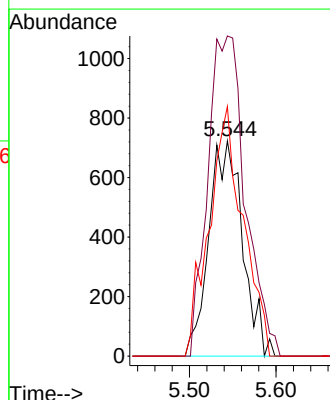
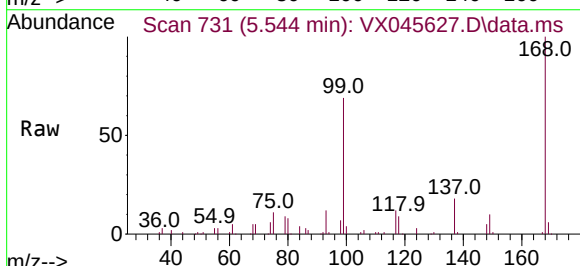
Tgt Ion: 56 Resp: 1949

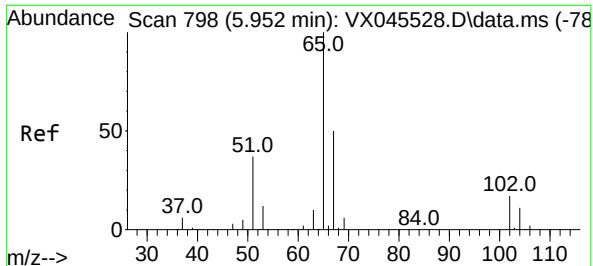
Ion Ratio Lower Upper

56 100

69 148.8 23.6 35.4#

84 116.0 67.7 101.5#





#33

1,2-Dichloroethane-d4

Concen: 55.751 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX045627.D

Acq: 07 Apr 2025 14:35

Instrument :

MSVOA_X

ClientSampleId :

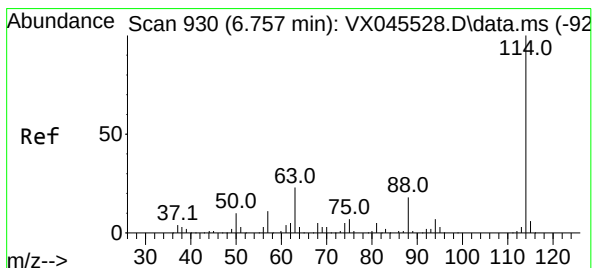
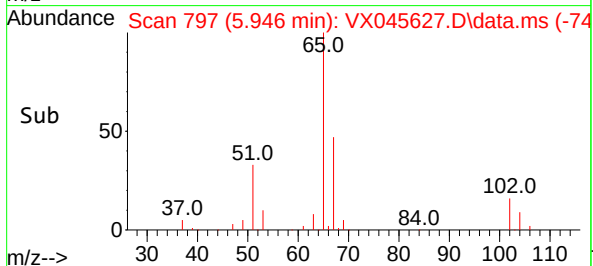
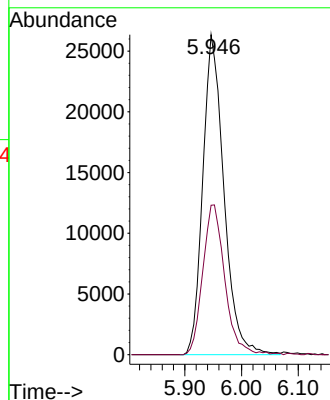
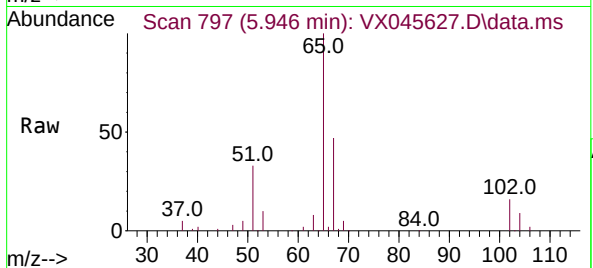
IBLK

Tgt Ion: 65 Resp: 68217

Ion Ratio Lower Upper

65 100

67 48.9 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX045627.D

Acq: 07 Apr 2025 14:35

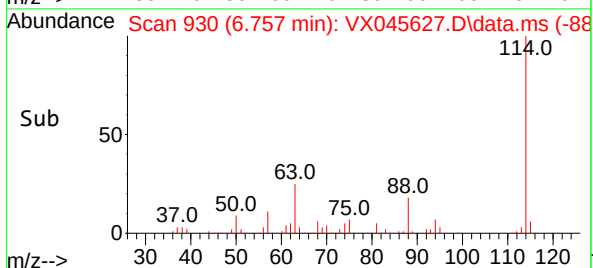
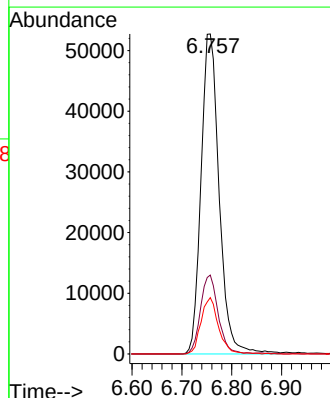
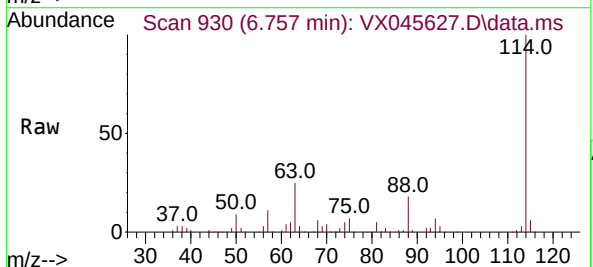
Tgt Ion: 114 Resp: 133149

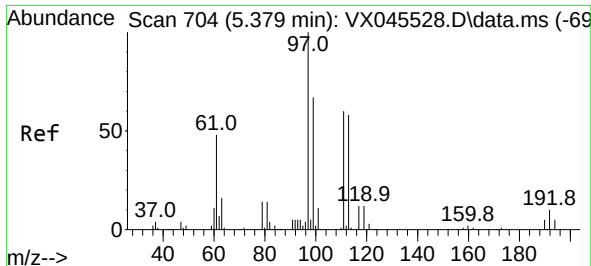
Ion Ratio Lower Upper

114 100

63 24.7 0.0 46.8

88 17.6 0.0 35.4

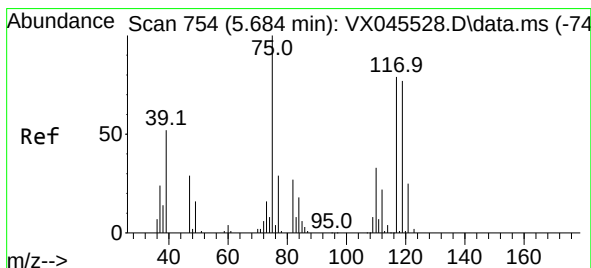
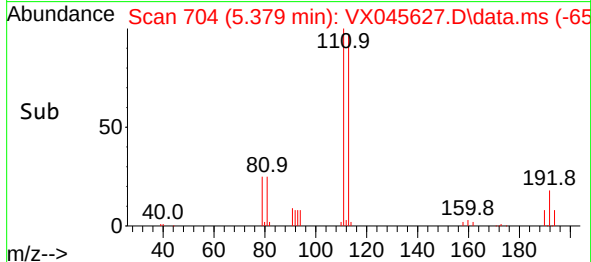
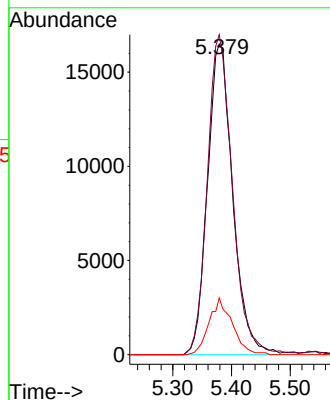
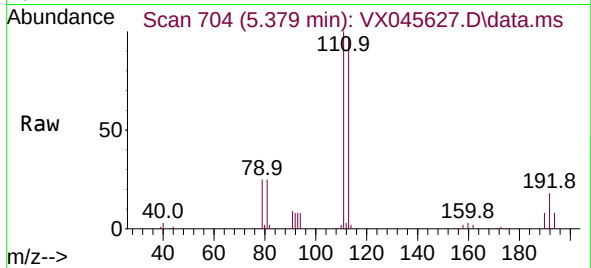




#35
Dibromofluoromethane
Concen: 52.147 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX045627.D
Acq: 07 Apr 2025 14:35

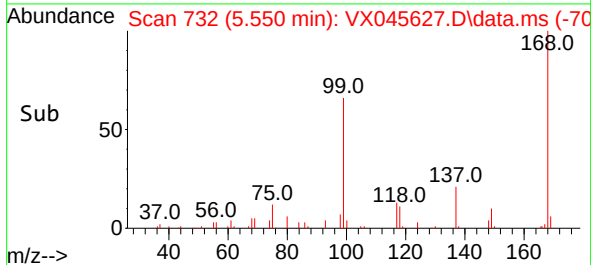
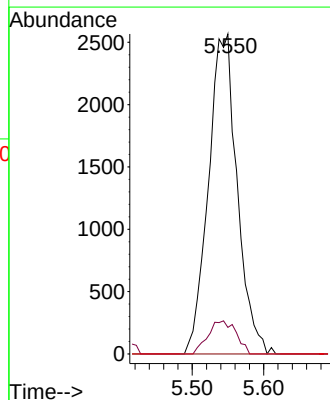
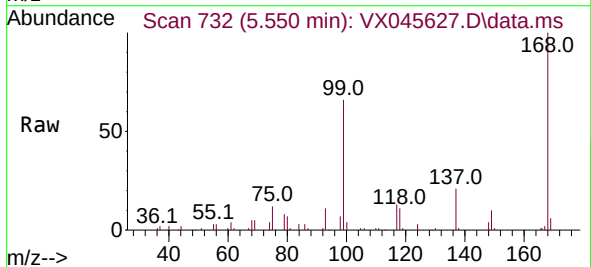
Instrument :
MSVOA_X
ClientSampleId :
IBLK

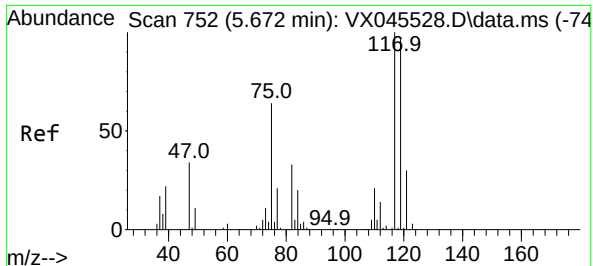
Tgt Ion:113 Resp: 49263
Ion Ratio Lower Upper
113 100
111 102.6 81.8 122.6
192 16.8 13.8 20.6



#36
1,1-Dichloropropene
Concen: 5.618 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX045627.D
Acq: 07 Apr 2025 14:35

Tgt Ion: 75 Resp: 7166
Ion Ratio Lower Upper
75 100
110 10.1 16.9 50.6#
77 0.0 25.0 37.4#

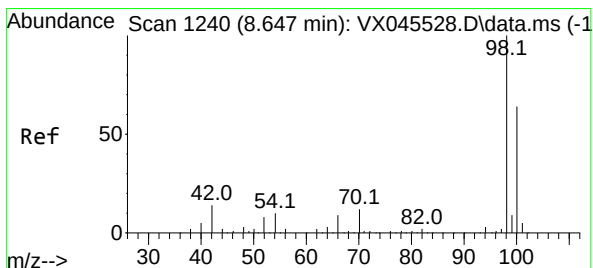
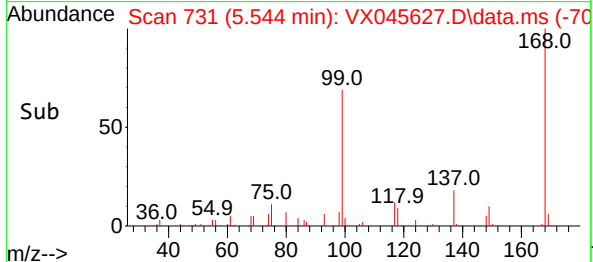
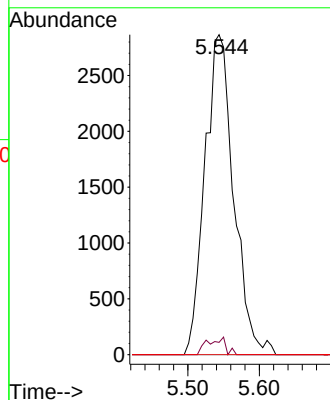
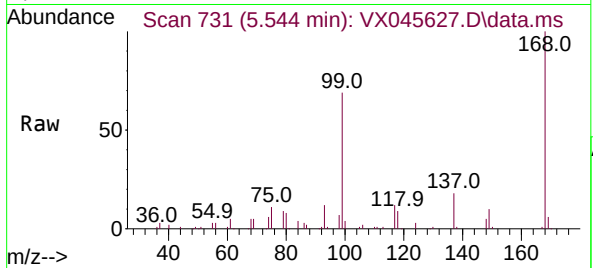




#38
Carbon Tetrachloride
Concen: 5.829 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX045627.D
Acq: 07 Apr 2025 14:35

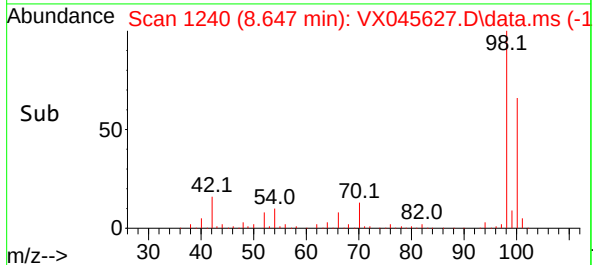
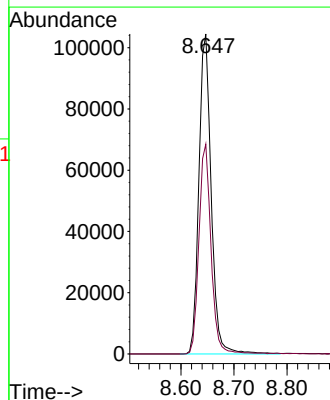
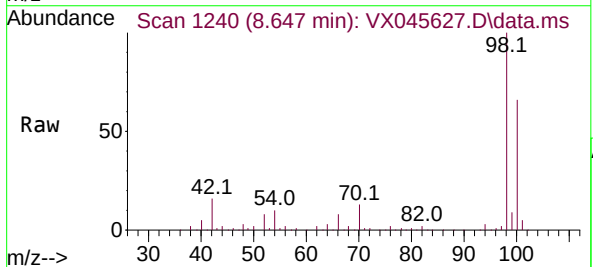
Instrument :
MSVOA_X
ClientSampleId :
IBLK

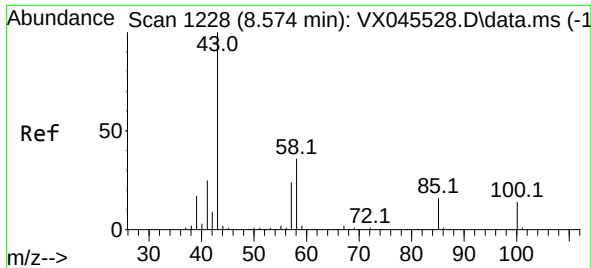
Tgt Ion:117 Resp: 8035
Ion Ratio Lower Upper
117 100
119 3.8 76.9 115.3#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 51.054 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045627.D
Acq: 07 Apr 2025 14:35

Tgt Ion: 98 Resp: 168344
Ion Ratio Lower Upper
98 100
100 64.6 52.2 78.4

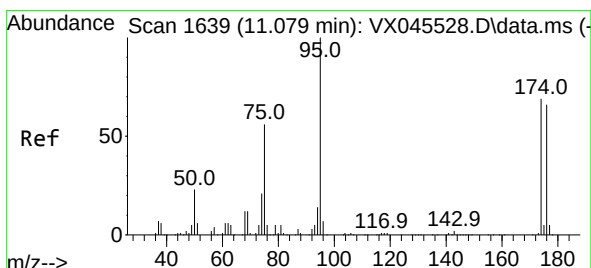
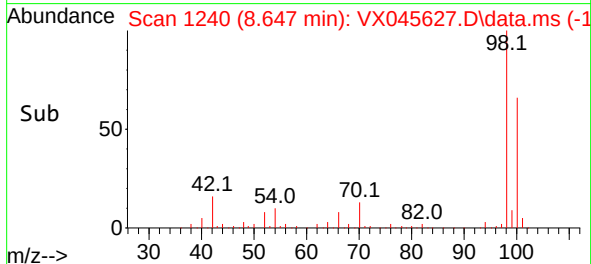
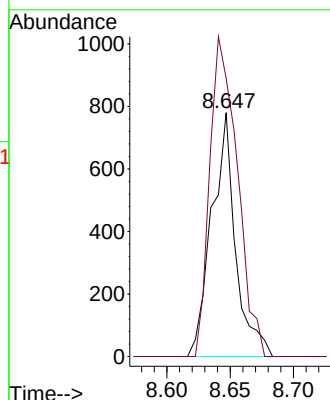
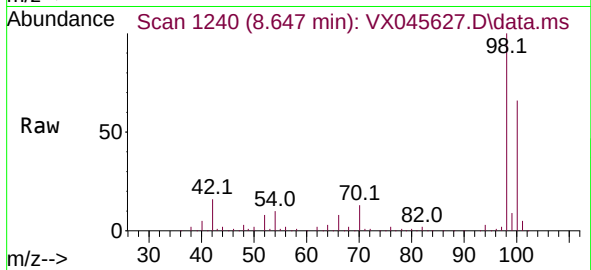




#51
4-Methyl-2-Pentanone
Concen: 0.633 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX045627.D
Acq: 07 Apr 2025 14:35

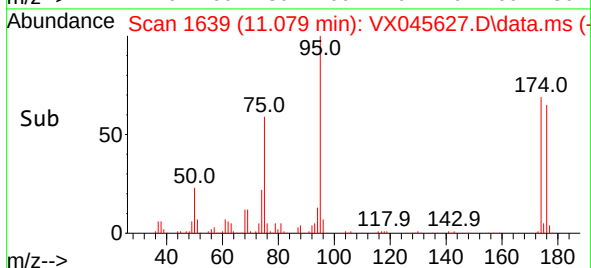
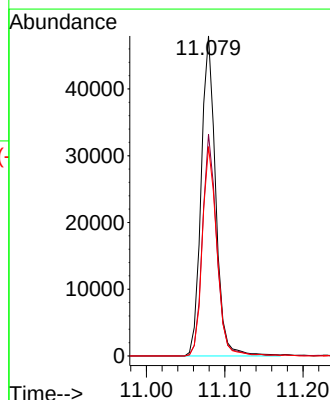
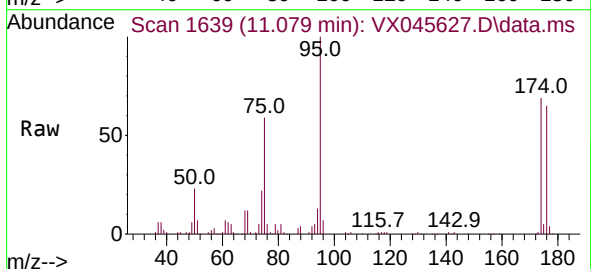
Instrument :
MSVOA_X
ClientSampleId :
IBLK

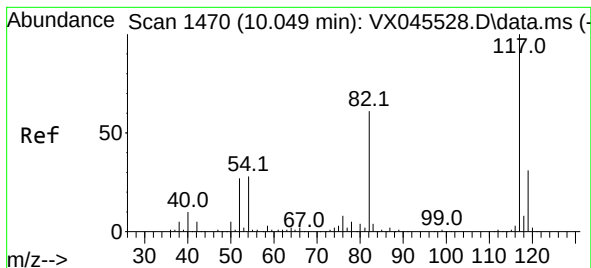
Tgt Ion: 43 Resp: 1022
Ion Ratio Lower Upper
43 100
58 152.0 28.5 42.7#



#62
4-Bromofluorobenzene
Concen: 51.420 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045627.D
Acq: 07 Apr 2025 14:35

Tgt Ion: 95 Resp: 61759
Ion Ratio Lower Upper
95 100
174 68.2 0.0 135.8
176 65.9 0.0 131.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. 0.000 min

Lab File: VX045627.D

Acq: 07 Apr 2025 14:35

Instrument :

MSVOA_X

ClientSampleId :

IBLK

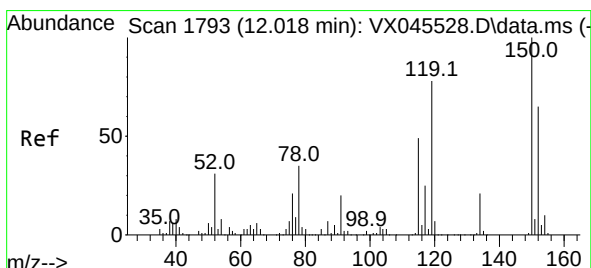
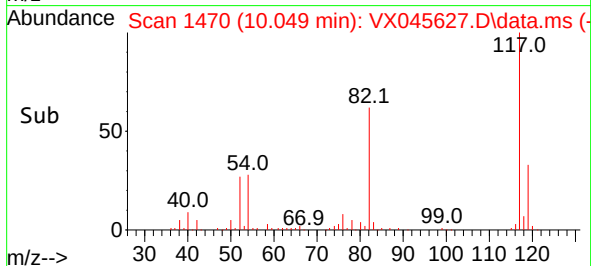
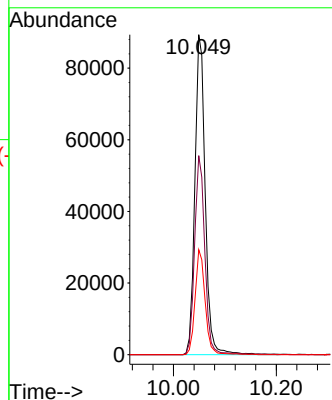
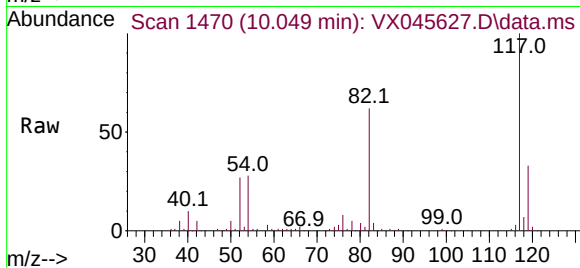
Tgt Ion:117 Resp: 124858

Ion Ratio Lower Upper

117 100

82 62.2 49.2 73.8

119 32.8 25.1 37.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VX045627.D

Acq: 07 Apr 2025 14:35

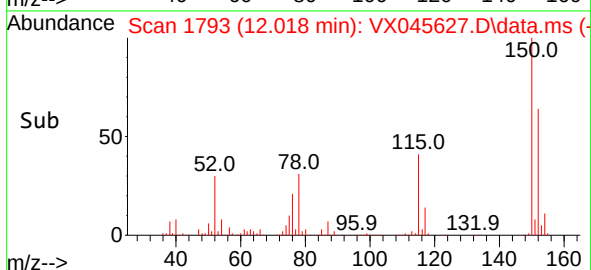
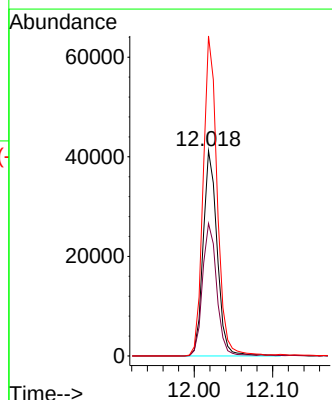
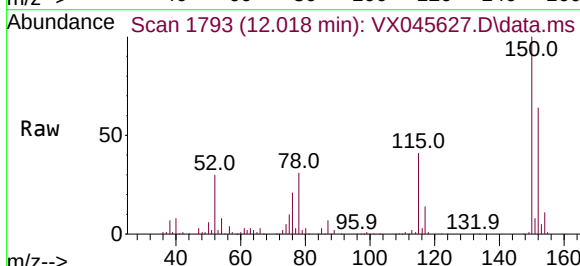
Tgt Ion:152 Resp: 51165

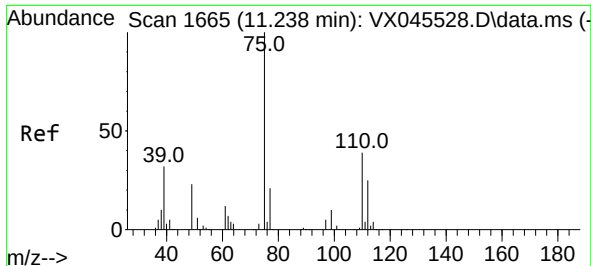
Ion Ratio Lower Upper

152 100

115 65.5 46.9 140.7

150 155.8 0.0 349.4

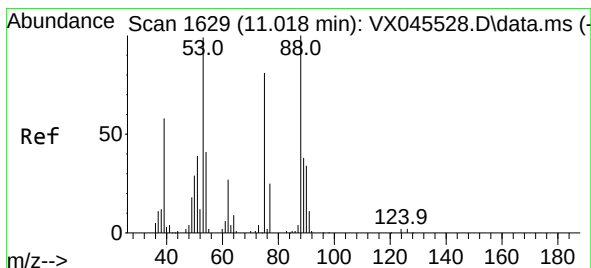
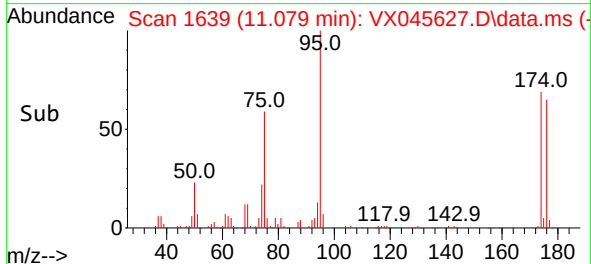
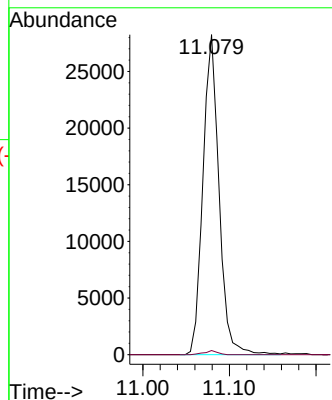
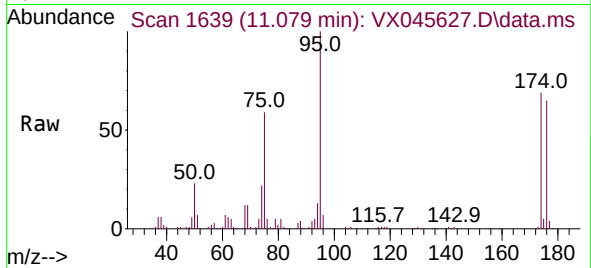




#76
1,2,3-Trichloropropane
Concen: 29.219 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX045627.D
Acq: 07 Apr 2025 14:35

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 75 Resp: 36466
Ion Ratio Lower Upper
75 100
77 1.1 20.0 59.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 99.165 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX045627.D
Acq: 07 Apr 2025 14:35

Tgt Ion: 75 Resp: 36466
Ion Ratio Lower Upper
75 100
53 0.0 101.8 152.6#
89 0.1 37.2 55.8#

