

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060225\
 Data File : VX046452.D
 Acq On : 02 Jun 2025 18:19
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Jun 03 01:35:29 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	66608	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	134723	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	127103	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	56819	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63990	51.531	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	103.060%
35) Dibromofluoromethane	5.379	113	46400	47.828	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.660%
50) Toluene-d8	8.647	98	165749	49.362	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.720%
62) 4-Bromofluorobenzene	11.079	95	66997	52.016	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	104.040%

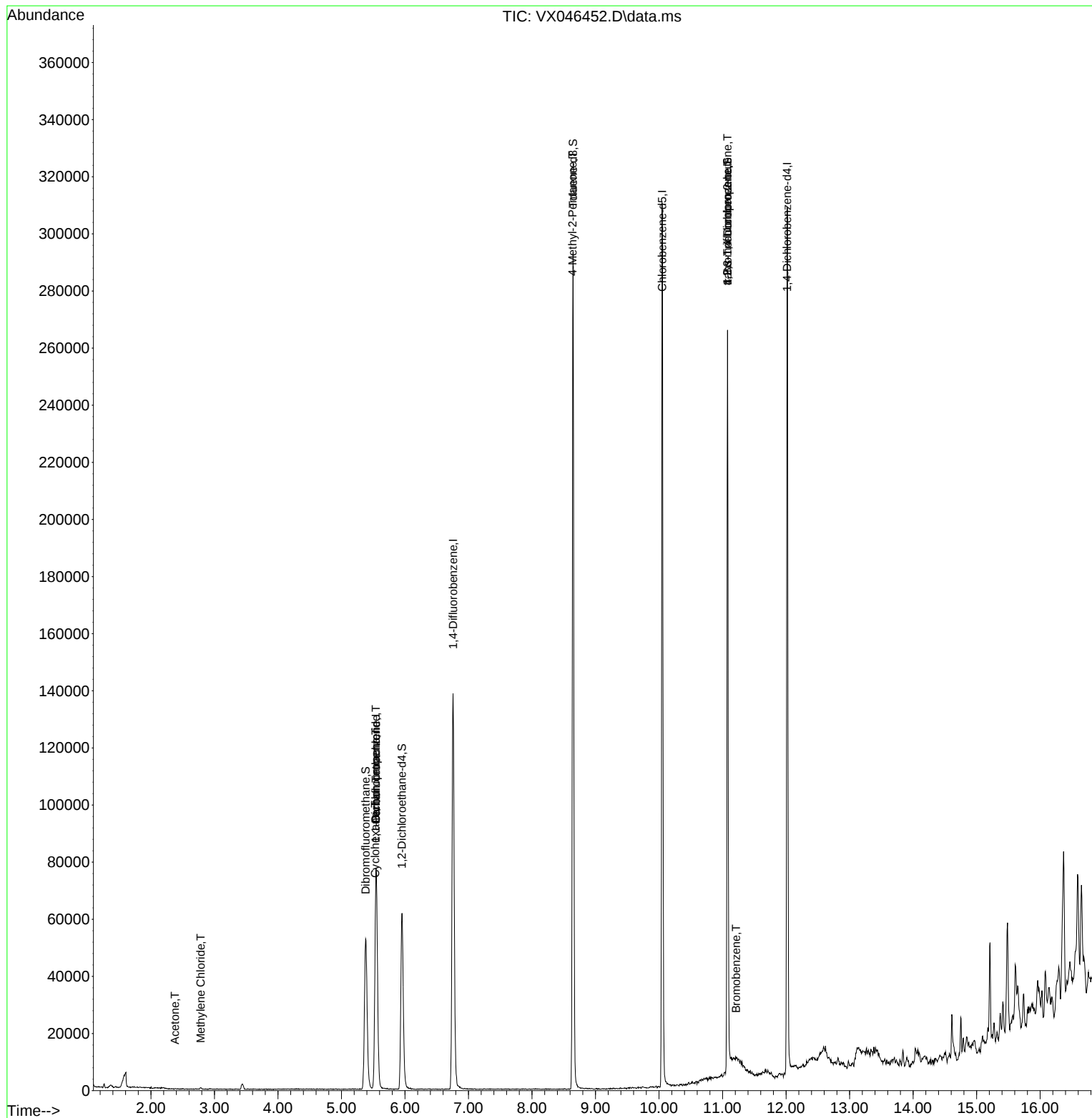
Target Compounds					Qvalue	
16) Acetone	2.380	43	214	0.430	ug/l #	48
20) Methylene Chloride	2.782	84	278	0.291	ug/l #	67
31) Cyclohexane	5.532	56	1793	1.212	ug/l #	57
36) 1,1-Dichloropropene	5.538	75	6191	4.750	ug/l #	49
38) Carbon Tetrachloride	5.544	117	7887	5.385	ug/l #	16
51) 4-Methyl-2-Pentanone	8.641	43	994	0.610	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	38379	28.062	ug/l #	37
77) Bromobenzene	11.213	156	240	0.234	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	38379	91.360	ug/l #	1

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

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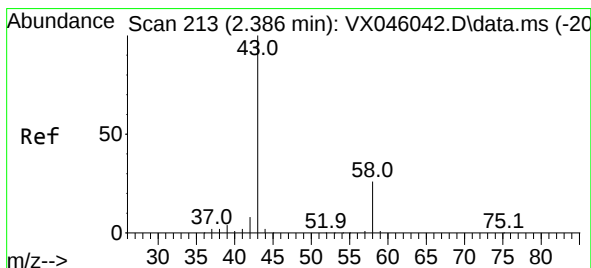
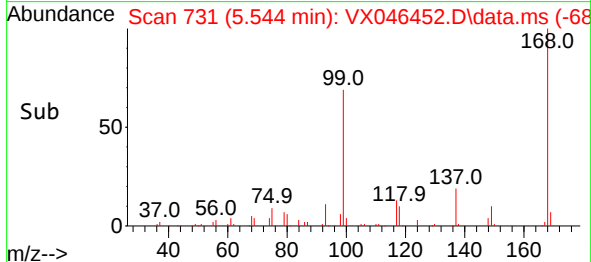
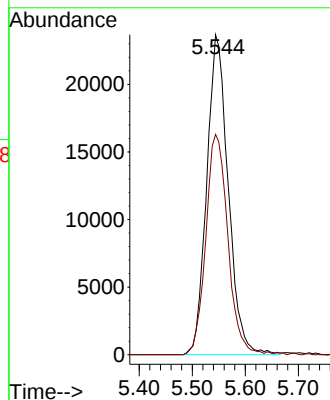
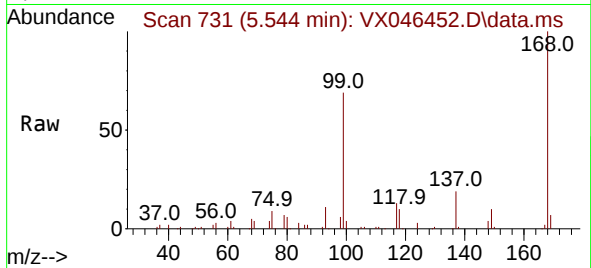




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046452.D
Acq: 02 Jun 2025 18:19

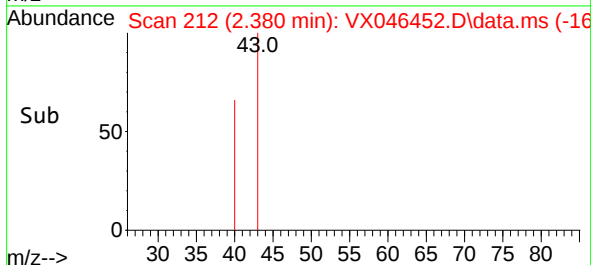
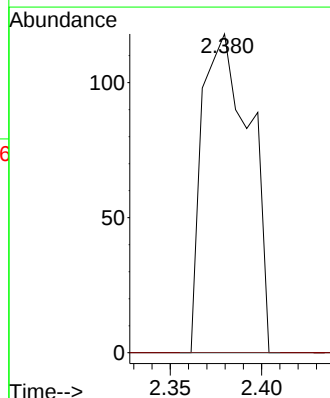
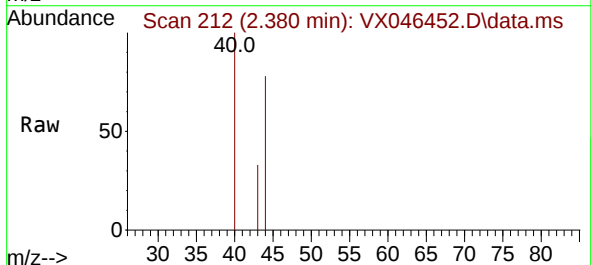
Instrument :
MSVOA_X
ClientSampleId :
IBLK

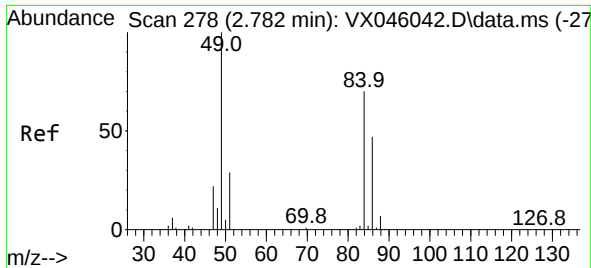
Tgt Ion:168 Resp: 66608
Ion Ratio Lower Upper
168 100
99 68.9 54.9 82.3



#16
Acetone
Concen: 0.430 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX046452.D
Acq: 02 Jun 2025 18:19

Tgt Ion: 43 Resp: 214
Ion Ratio Lower Upper
43 100
58 0.0 21.2 31.8#



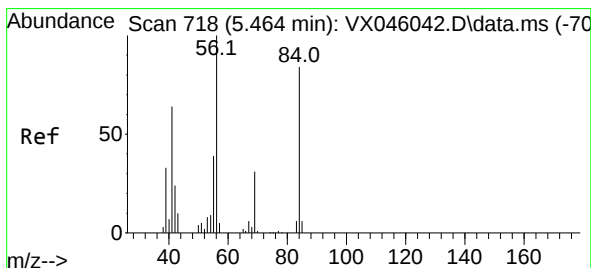
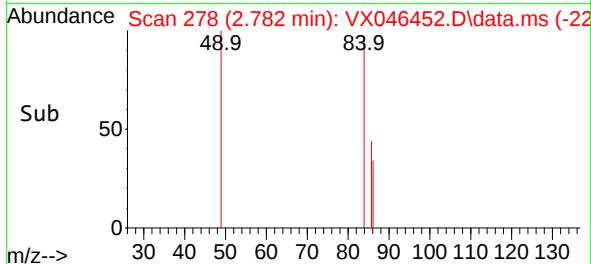
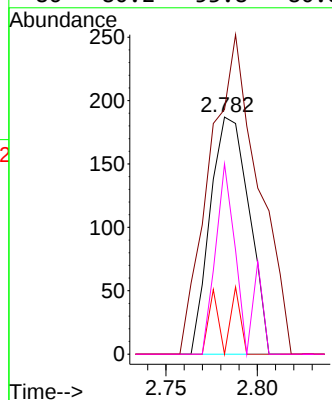
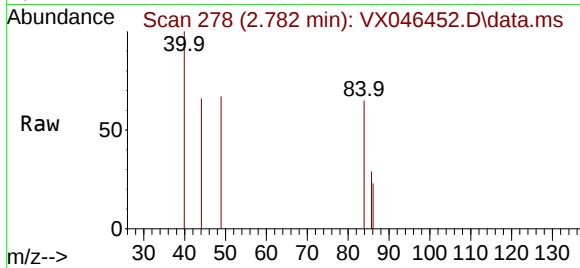


#20
Methylene Chloride
Concen: 0.291 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX046452.D
Acq: 02 Jun 2025 18:19

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 84 Resp: 278

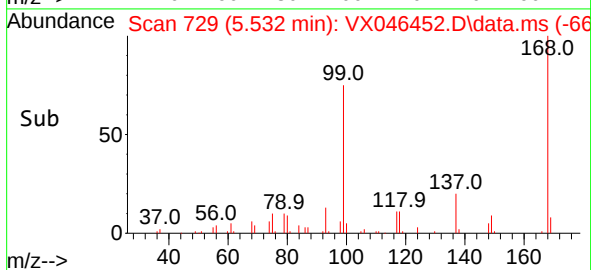
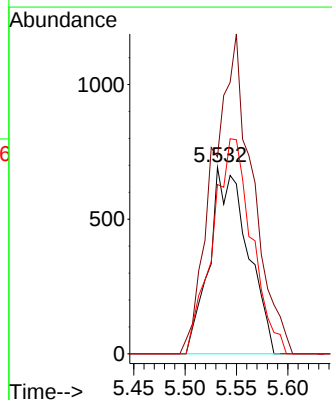
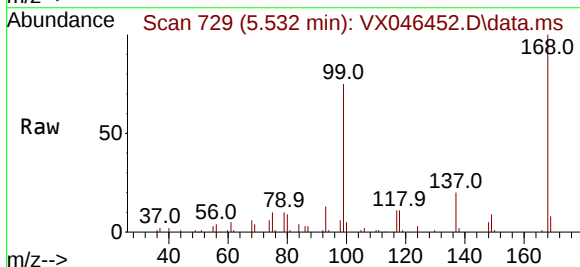
Ion	Ratio	Lower	Upper
84	100		
49	103.2	113.9	170.9#
51	0.0	33.5	50.3#
86	80.2	53.8	80.8



#31
Cyclohexane
Concen: 1.212 ug/l
RT: 5.532 min Scan# 729
Delta R.T. 0.067 min
Lab File: VX046452.D
Acq: 02 Jun 2025 18:19

Tgt Ion: 56 Resp: 1793

Ion	Ratio	Lower	Upper
56	100		
69	105.5	24.4	36.6#
84	90.8	66.9	100.3

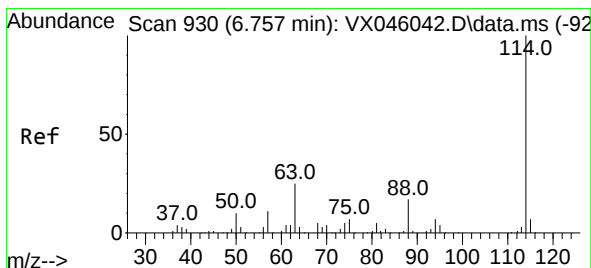
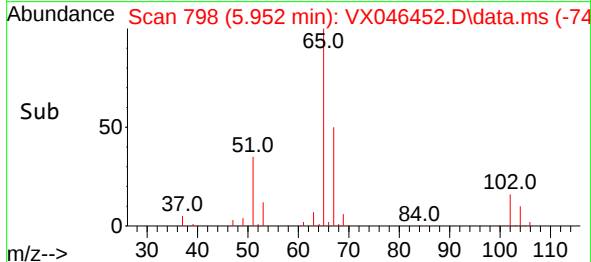
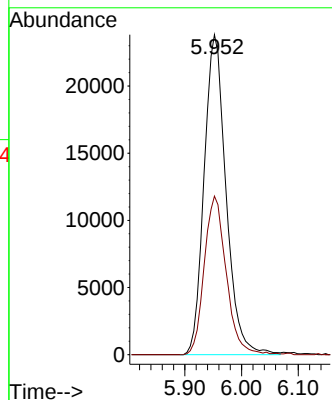
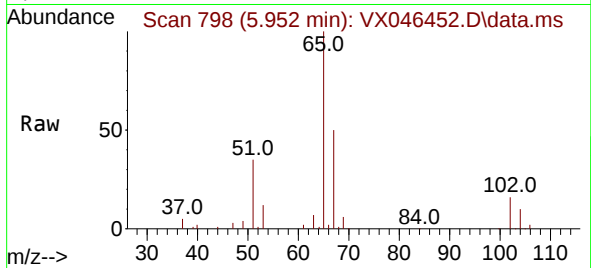




#33
 1,2-Dichloroethane-d4
 Concen: 51.531 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. -0.000 min
 Lab File: VX046452.D
 Acq: 02 Jun 2025 18:19

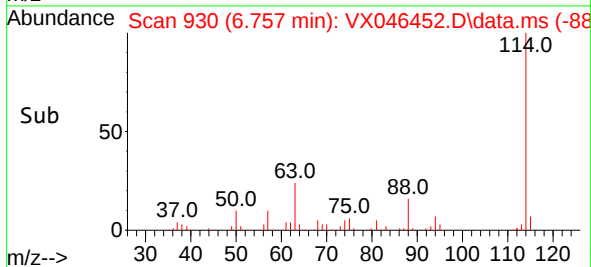
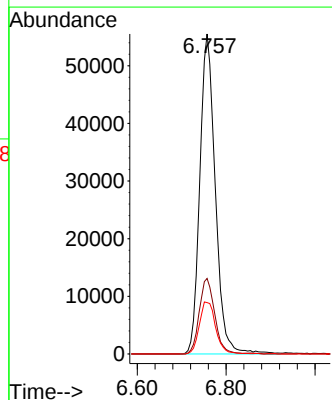
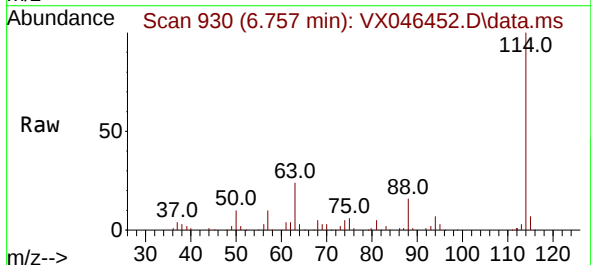
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Tgt Ion: 65 Resp: 63990
 Ion Ratio Lower Upper
 65 100
 67 49.6 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: VX046452.D
 Acq: 02 Jun 2025 18:19

Tgt Ion: 114 Resp: 134723
 Ion Ratio Lower Upper
 114 100
 63 23.6 0.0 49.2
 88 16.1 0.0 33.6

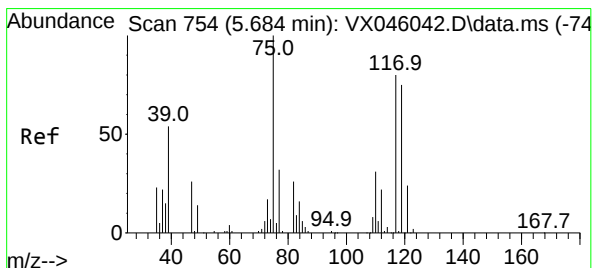
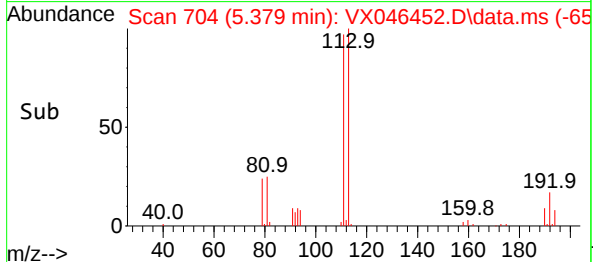
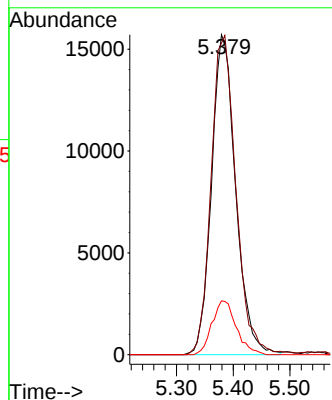
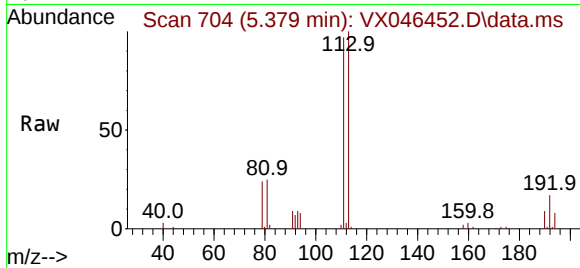




#35
Dibromofluoromethane
Concen: 47.828 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX046452.D
Acq: 02 Jun 2025 18:19

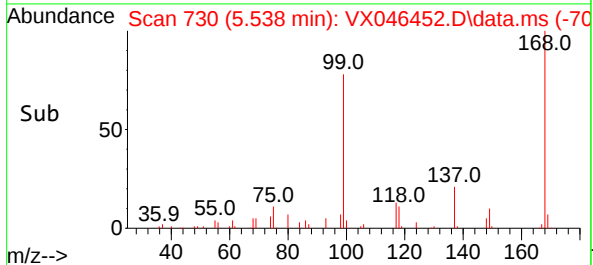
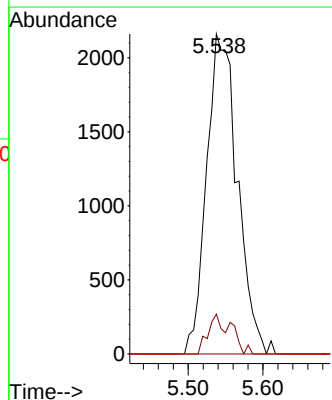
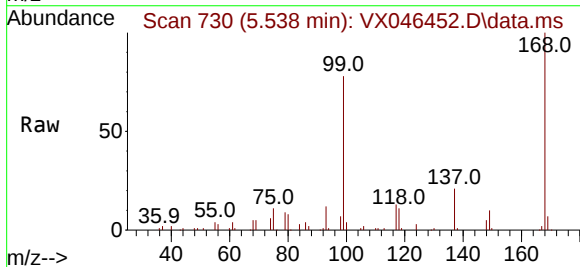
Instrument :
MSVOA_X
ClientSampleId :
IBLK

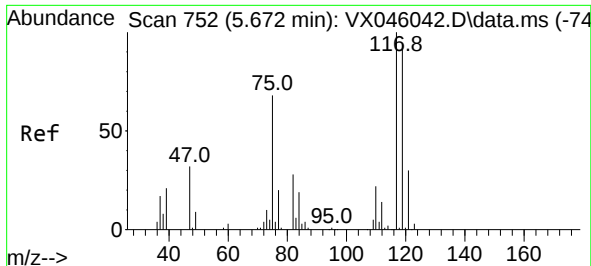
Tgt Ion:113 Resp: 46400
Ion Ratio Lower Upper
113 100
111 102.9 83.1 124.7
192 17.0 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.750 ug/l
RT: 5.538 min Scan# 730
Delta R.T. -0.146 min
Lab File: VX046452.D
Acq: 02 Jun 2025 18:19

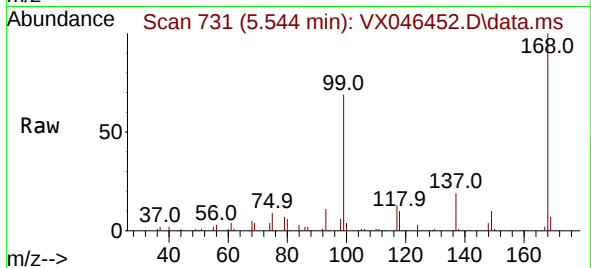
Tgt Ion: 75 Resp: 6191
Ion Ratio Lower Upper
75 100
110 6.0 16.3 48.9#
77 0.0 24.3 36.5#



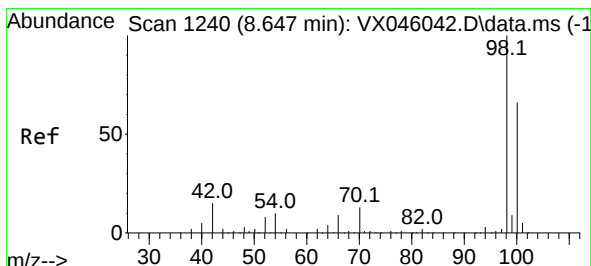
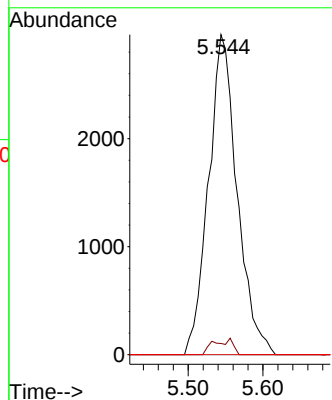
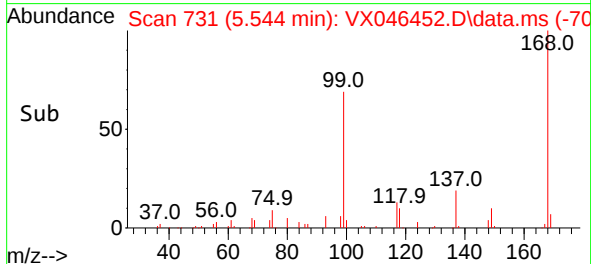


#38
Carbon Tetrachloride
Concen: 5.385 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX046452.D
Acq: 02 Jun 2025 18:19

Instrument :
MSVOA_X
ClientSampleId :
IBLK

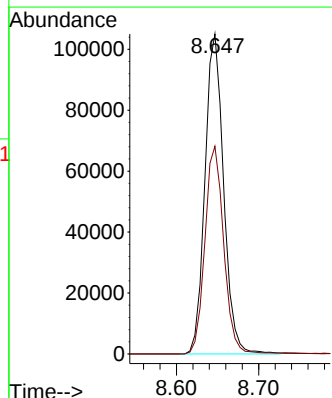
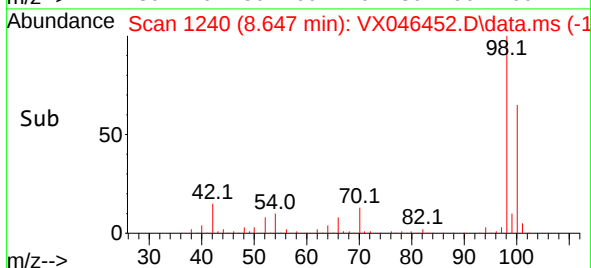
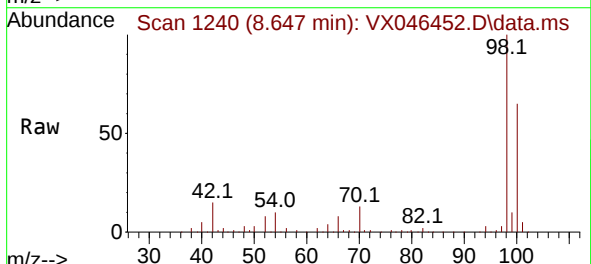


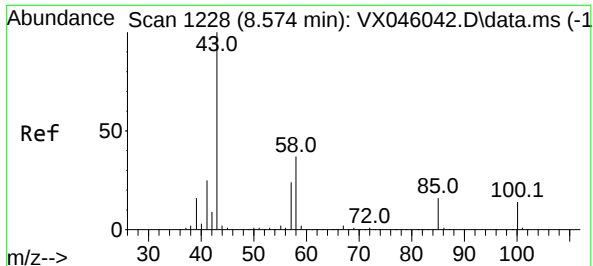
Tgt Ion:117 Resp: 7887
Ion Ratio Lower Upper
117 100
119 3.5 75.2 112.8#
121 0.0 24.2 36.4#



#50
Toluene-d8
Concen: 49.362 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046452.D
Acq: 02 Jun 2025 18:19

Tgt Ion: 98 Resp: 165749
Ion Ratio Lower Upper
98 100
100 65.8 53.5 80.3

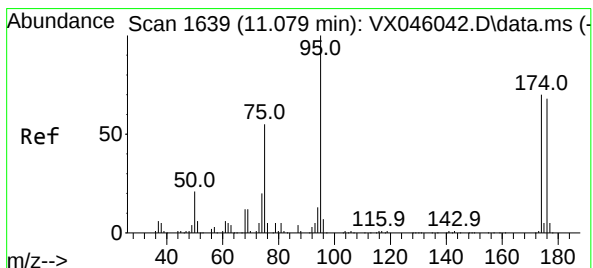
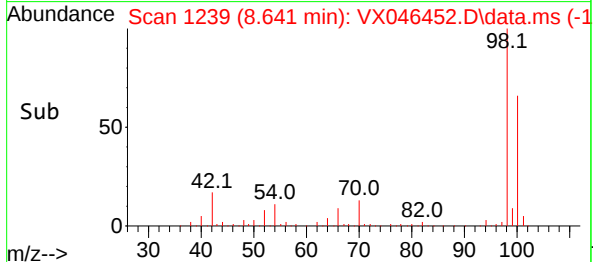
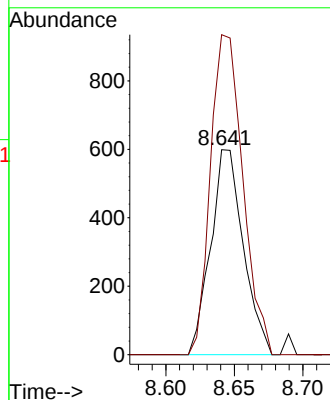
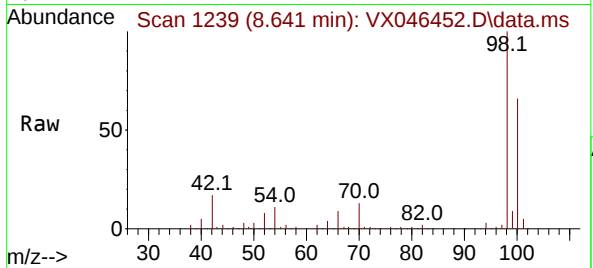




#51
4-Methyl-2-Pentanone
Concen: 0.610 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX046452.D
Acq: 02 Jun 2025 18:19

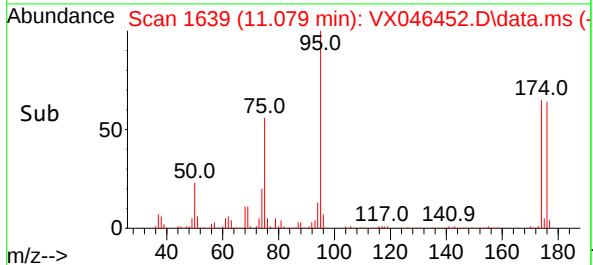
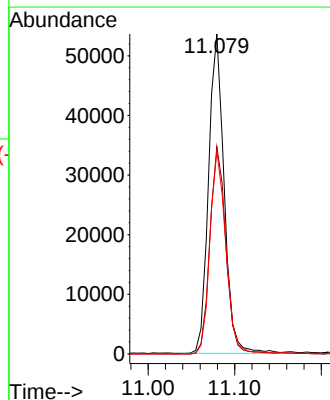
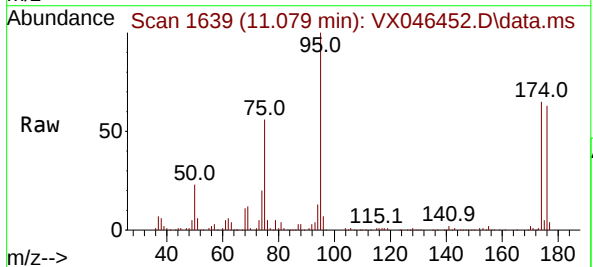
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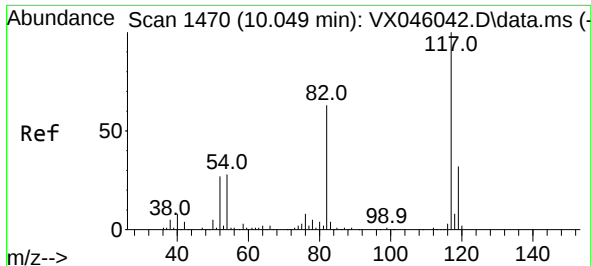
Tgt Ion: 43 Resp: 994
Ion Ratio Lower Upper
43 100
58 155.0 28.9 43.3#



#62
4-Bromofluorobenzene
Concen: 52.016 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046452.D
Acq: 02 Jun 2025 18:19

Tgt Ion: 95 Resp: 66997
Ion Ratio Lower Upper
95 100
174 66.9 0.0 135.8
176 65.3 0.0 131.4

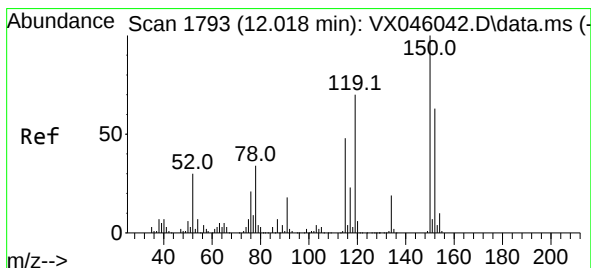
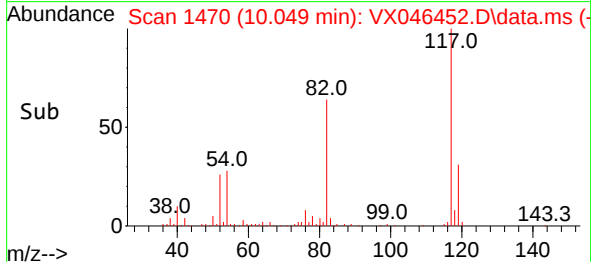
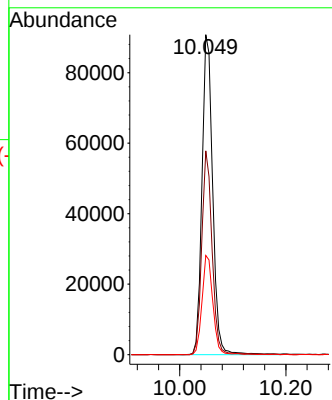
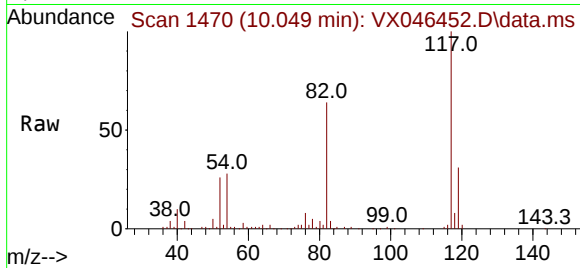




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046452.D
Acq: 02 Jun 2025 18:19

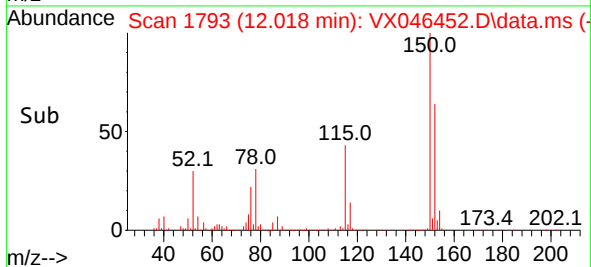
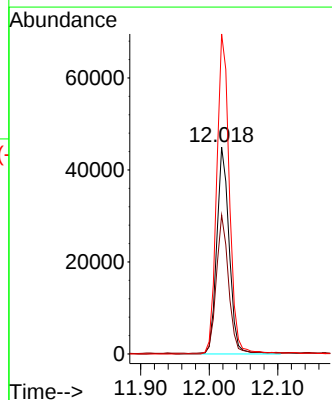
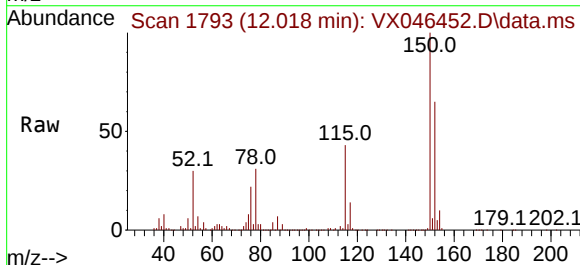
Instrument :
MSVOA_X
ClientSampleId :
IBLK

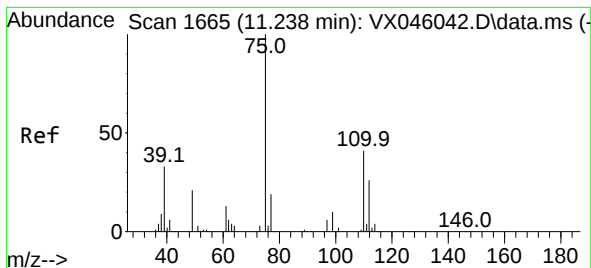
Tgt Ion:117 Resp: 127103
Ion Ratio Lower Upper
117 100
82 63.7 50.6 76.0
119 31.0 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046452.D
Acq: 02 Jun 2025 18:19

Tgt Ion:152 Resp: 56819
Ion Ratio Lower Upper
152 100
115 65.5 46.9 140.7
150 157.3 0.0 351.0





#76

1,2,3-Trichloropropane

Concen: 28.062 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.159 min

Lab File: VX046452.D

Acq: 02 Jun 2025 18:19

Instrument :

MSVOA_X

ClientSampleId :

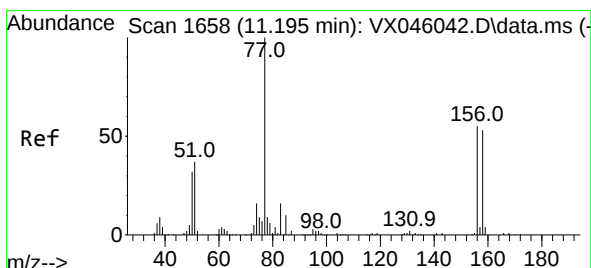
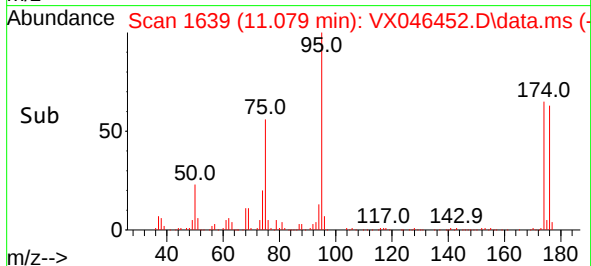
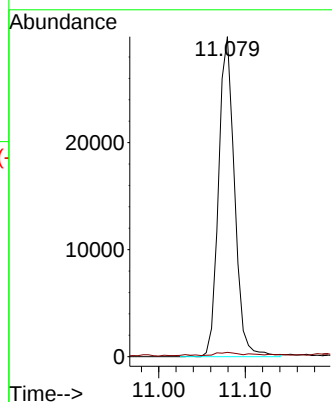
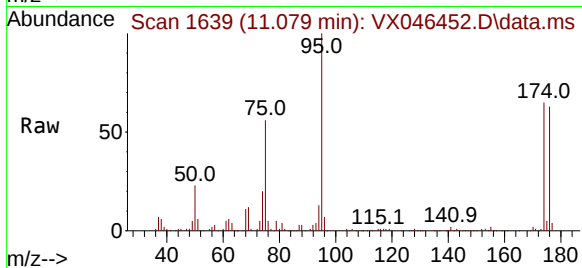
IBLK

Tgt Ion: 75 Resp: 38379

Ion Ratio Lower Upper

75 100

77 1.3 20.5 61.5#



#77

Bromobenzene

Concen: 0.234 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. 0.018 min

Lab File: VX046452.D

Acq: 02 Jun 2025 18:19

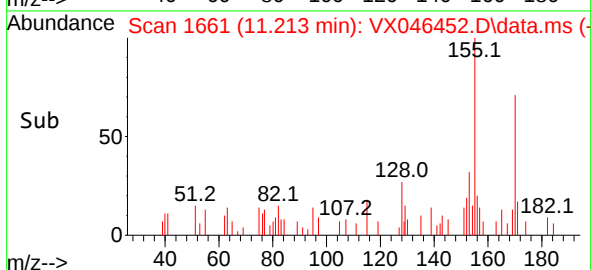
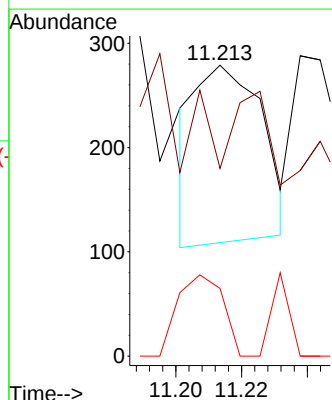
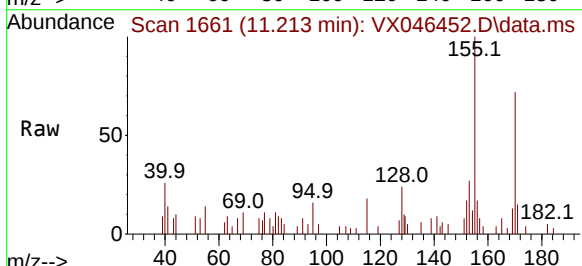
Tgt Ion: 156 Resp: 240

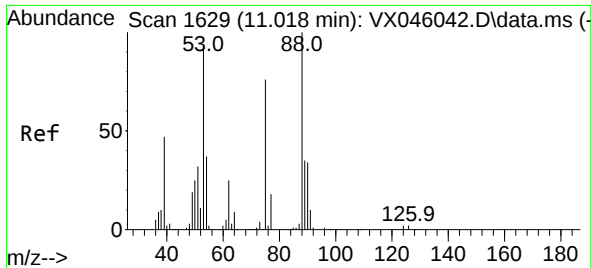
Ion Ratio Lower Upper

156 100

77 104.2 92.8 278.3

158 31.3 48.8 146.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 91.360 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX046452.D
 Acq: 02 Jun 2025 18:19

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Tgt Ion: 75 Resp: 38379
 Ion Ratio Lower Upper
 75 100
 53 0.2 100.5 150.7#
 89 0.1 37.0 55.6#

