

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052225\
 Data File : VX046317.D
 Acq On : 22 May 2025 10:26
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: May 23 01:42:40 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)

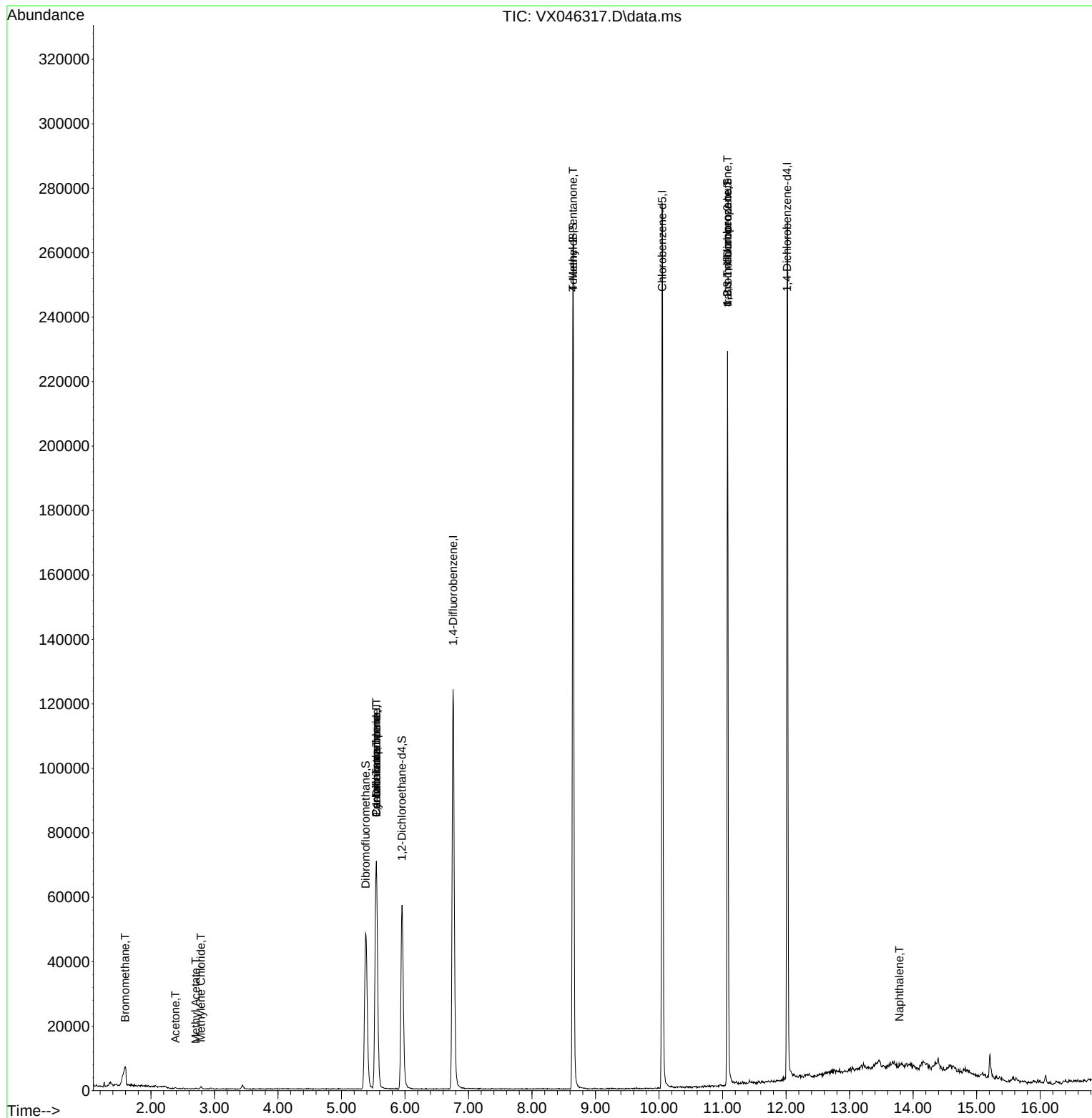
Internal Standards						
1) Pentafluorobenzene	5.550	168	60019	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	116953	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	112471	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	50505	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	59616	53.279	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.560%			
35) Dibromofluoromethane	5.379	113	43288	51.400	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.800%			
50) Toluene-d8	8.647	98	148947	51.098	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.200%			
62) 4-Bromofluorobenzene	11.079	95	59498	53.213	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 106.420%			
Target Compounds						
					Qvalue	
5) Bromomethane	1.593	94	89	0.231	ug/l #	57
16) Acetone	2.386	43	417	0.929	ug/l #	48
18) Methyl Acetate	2.703	43	236	0.227	ug/l #	55
20) Methylene Chloride	2.788	84	245	0.285	ug/l #	62
31) Cyclohexane	5.550	56	1698	1.273	ug/l #	37
36) 1,1-Dichloropropene	5.550	75	5892	5.207	ug/l #	51
38) Carbon Tetrachloride	5.550	117	7697	6.054	ug/l #	17
51) 4-Methyl-2-Pentanone	8.647	43	867	0.612	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	33973	27.946	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	33973	90.982	ug/l #	1
95) Naphthalene	13.786	128	997	0.283	ug/l #	46

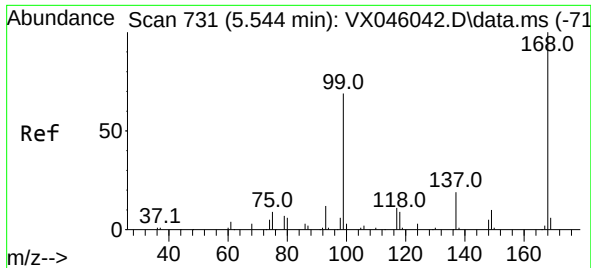
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052225\
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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

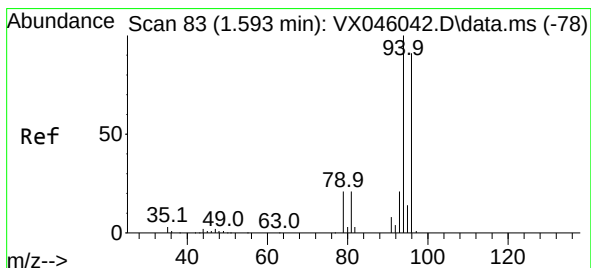
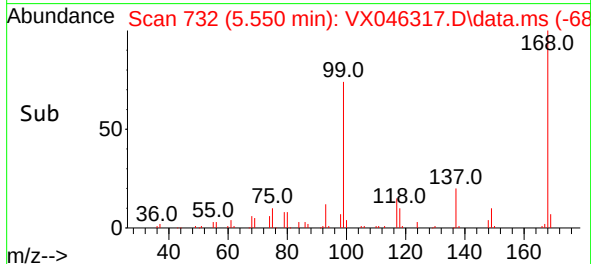
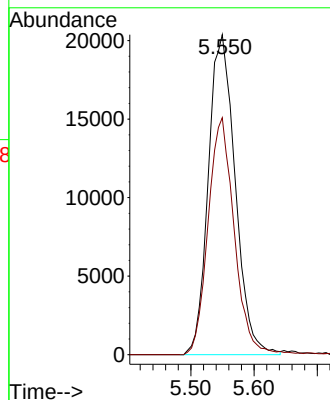
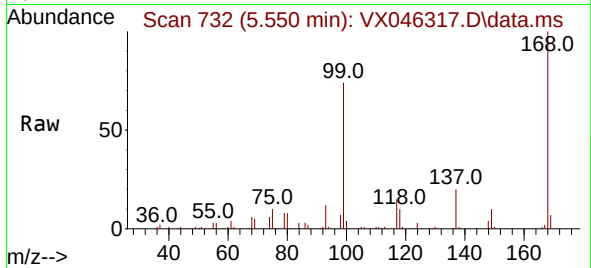




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046317.D
Acq: 22 May 2025 10:26

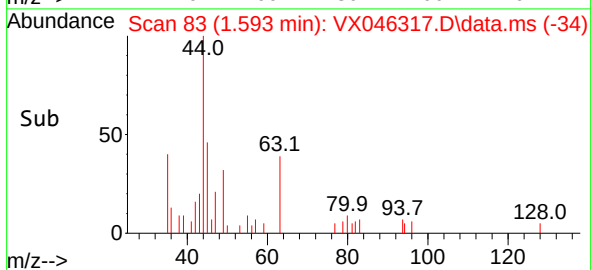
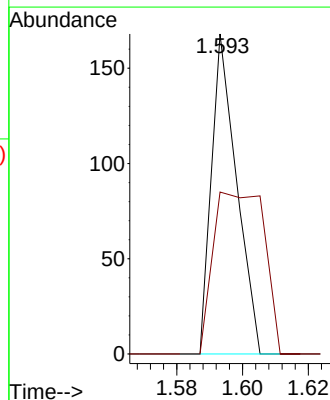
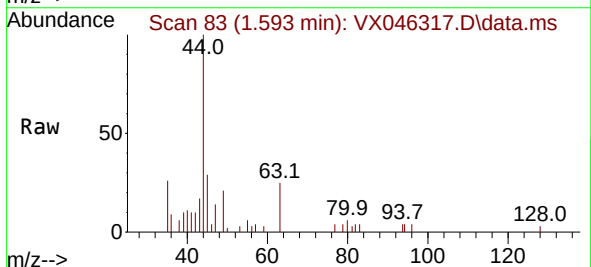
Instrument :
MSVOA_X
ClientSampleId :
IBLK

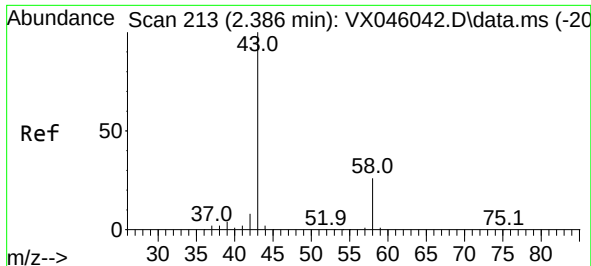
Tgt Ion:168 Resp: 60019
Ion Ratio Lower Upper
168 100
99 74.1 54.9 82.3



#5
Bromomethane
Concen: 0.231 ug/l
RT: 1.593 min Scan# 83
Delta R.T. -0.000 min
Lab File: VX046317.D
Acq: 22 May 2025 10:26

Tgt Ion: 94 Resp: 89
Ion Ratio Lower Upper
94 100
96 50.6 72.8 109.2#

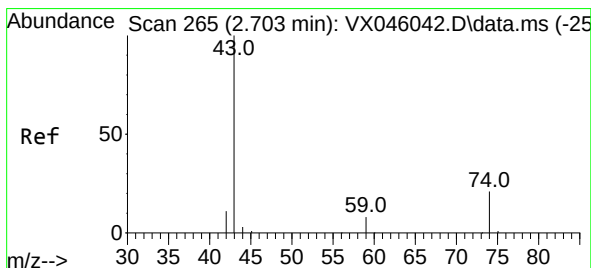
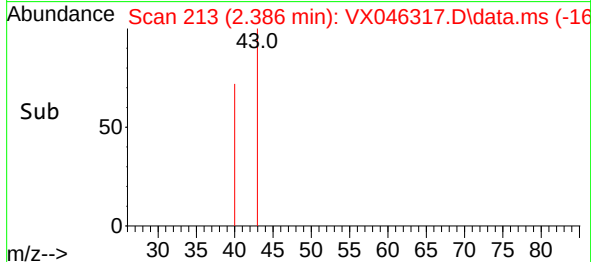
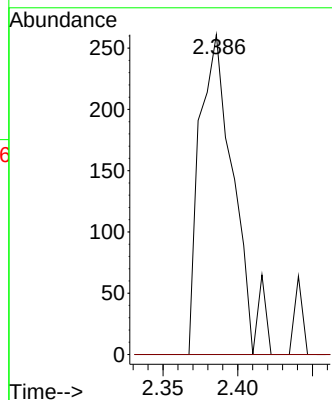
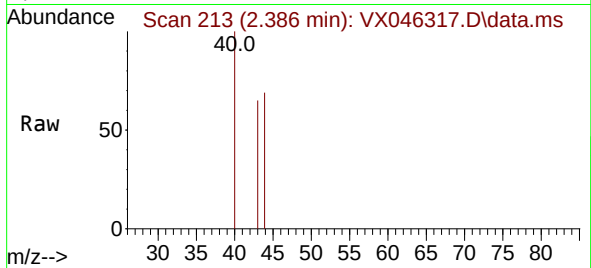




#16
Acetone
Concen: 0.929 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046317.D
Acq: 22 May 2025 10:26

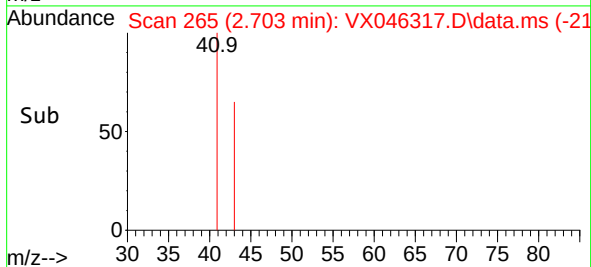
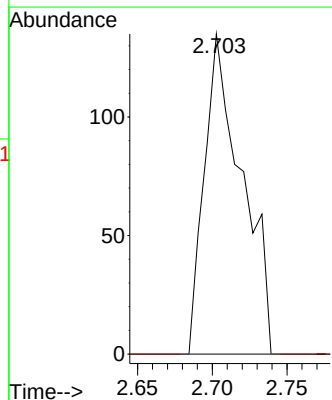
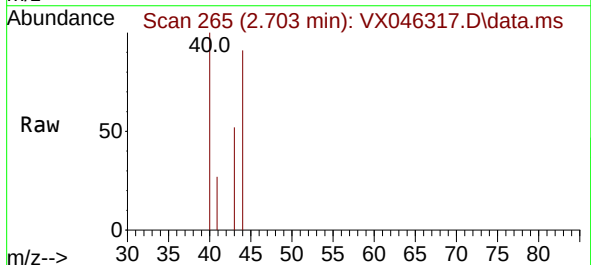
Instrument :
MSVOA_X
ClientSampleId :
IBLK

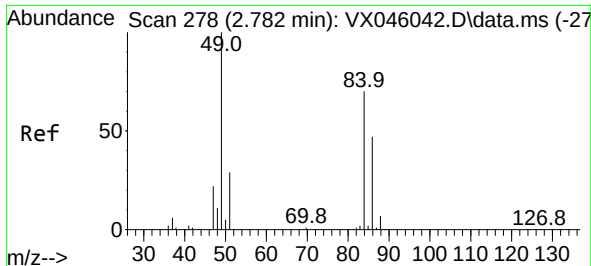
Tgt Ion: 43 Resp: 417
Ion Ratio Lower Upper
43 100
58 0.0 21.2 31.8#



#18
Methyl Acetate
Concen: 0.227 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX046317.D
Acq: 22 May 2025 10:26

Tgt Ion: 43 Resp: 236
Ion Ratio Lower Upper
43 100
74 0.0 16.7 25.1#

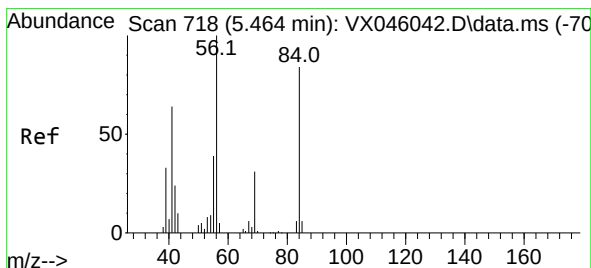
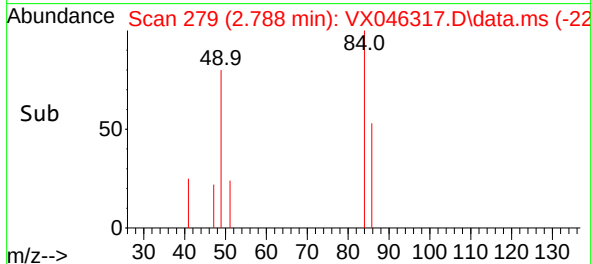
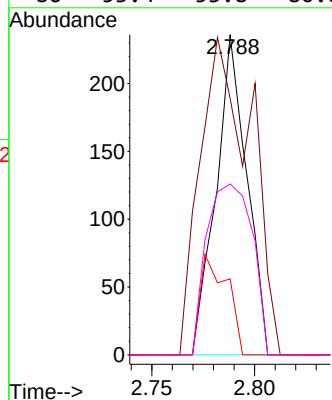
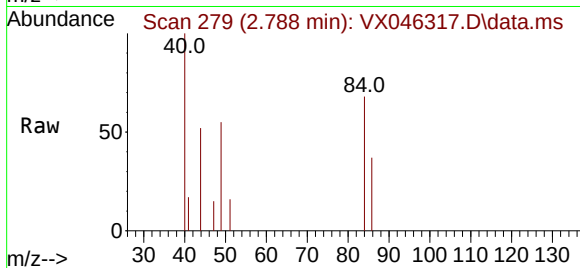




#20
Methylene Chloride
Concen: 0.285 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX046317.D
Acq: 22 May 2025 10:26

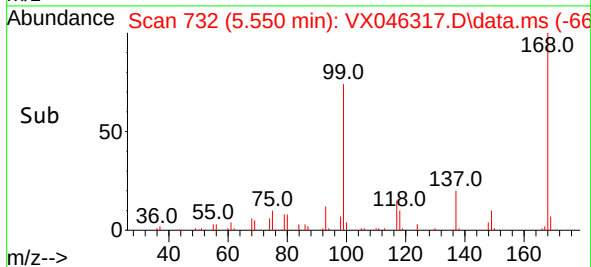
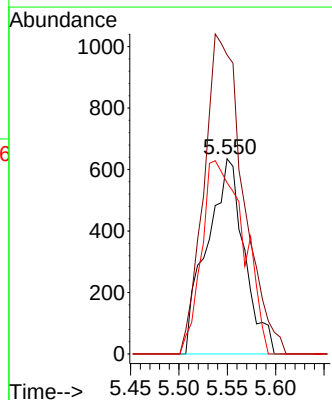
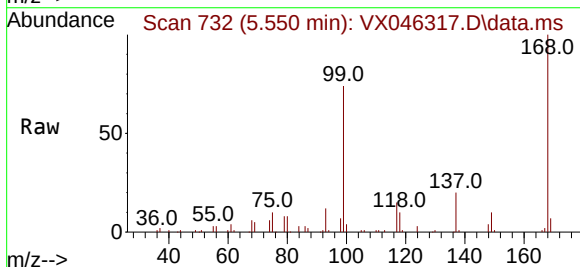
Instrument :
MSVOA_X
ClientSampleId :
IBLK

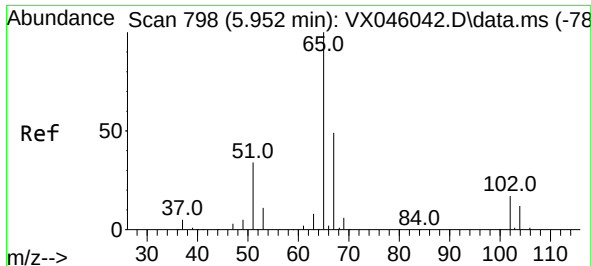
Tgt Ion:	84	Resp:	245
Ion	Ratio	Lower	Upper
84	100		
49	80.1	113.9	170.9#
51	23.7	33.5	50.3#
86	53.4	53.8	80.8#



#31
Cyclohexane
Concen: 1.273 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.085 min
Lab File: VX046317.D
Acq: 22 May 2025 10:26

Tgt Ion:	56	Resp:	1698
Ion	Ratio	Lower	Upper
56	100		
69	153.2	24.4	36.6#
84	87.7	66.9	100.3





#33

1,2-Dichloroethane-d4

Concen: 53.279 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX046317.D

Acq: 22 May 2025 10:26

Instrument :

MSVOA_X

ClientSampleId :

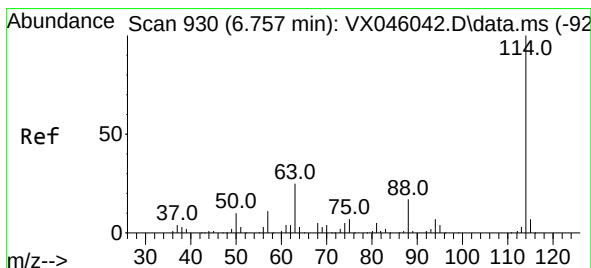
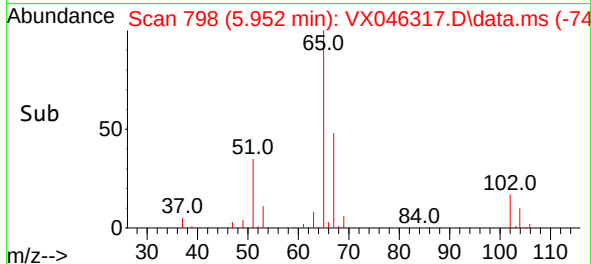
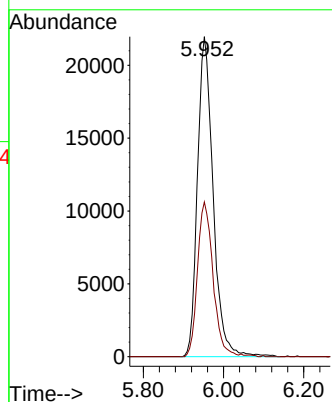
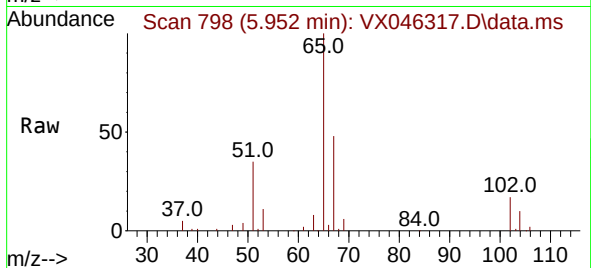
IBLK

Tgt Ion: 65 Resp: 59616

Ion Ratio Lower Upper

65 100

67 47.9 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: VX046317.D

Acq: 22 May 2025 10:26

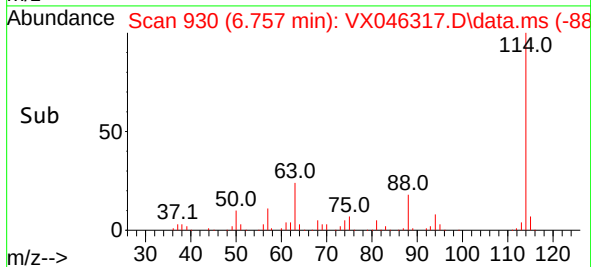
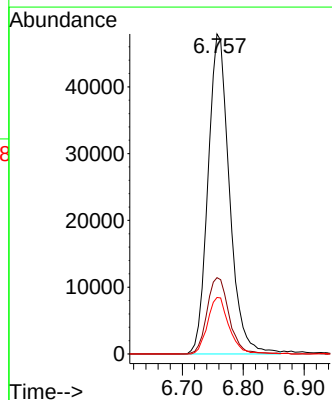
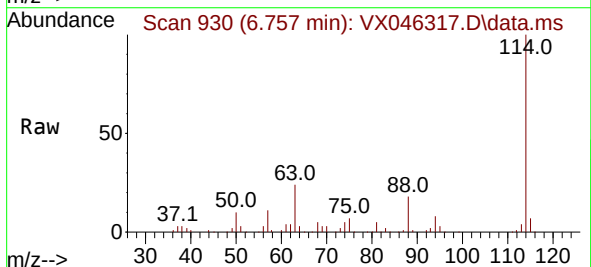
Tgt Ion: 114 Resp: 116953

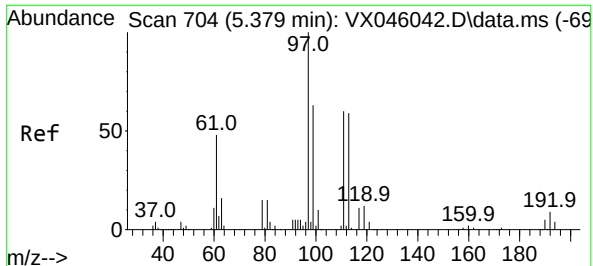
Ion Ratio Lower Upper

114 100

63 23.8 0.0 49.2

88 17.7 0.0 33.6





#35

Dibromofluoromethane

Concen: 51.400 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX046317.D

Acq: 22 May 2025 10:26

Instrument :

MSVOA_X

ClientSampleId :

IBLK

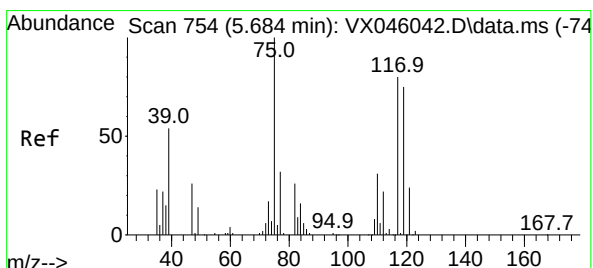
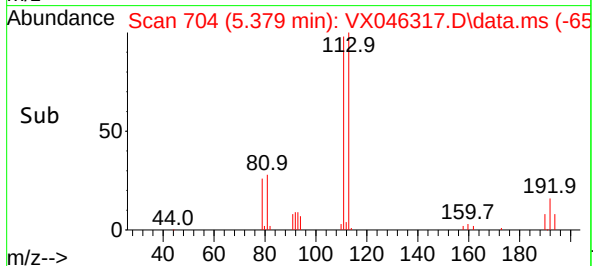
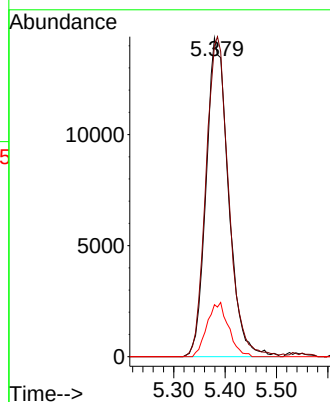
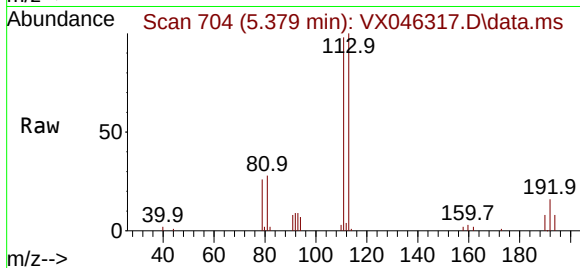
Tgt Ion:113 Resp: 43288

Ion Ratio Lower Upper

113 100

111 102.2 83.1 124.7

192 16.4 13.3 19.9



#36

1,1-Dichloropropene

Concen: 5.207 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.134 min

Lab File: VX046317.D

Acq: 22 May 2025 10:26

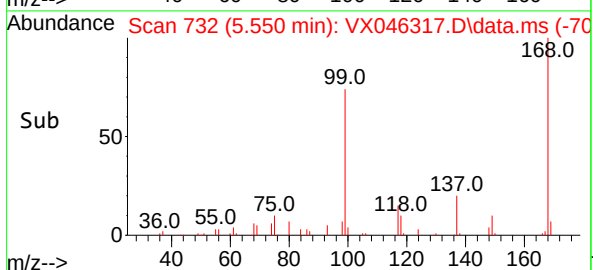
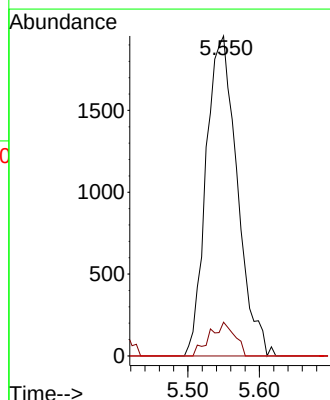
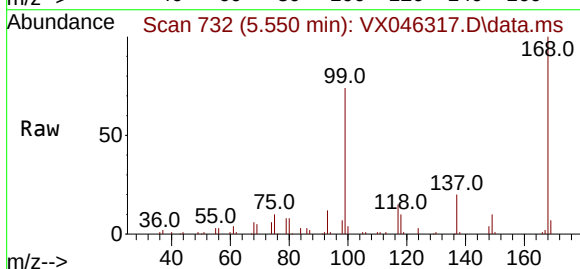
Tgt Ion: 75 Resp: 5892

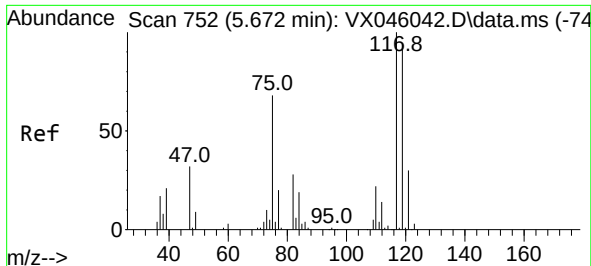
Ion Ratio Lower Upper

75 100

110 8.4 16.3 48.9#

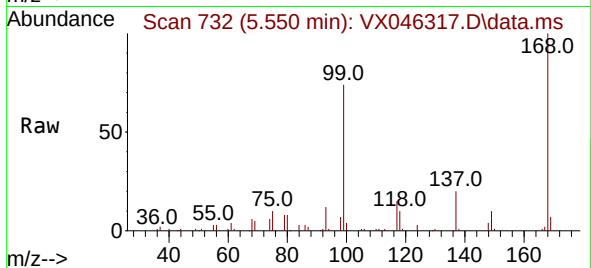
77 0.0 24.3 36.5#



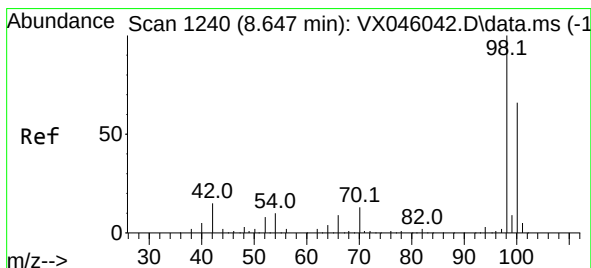
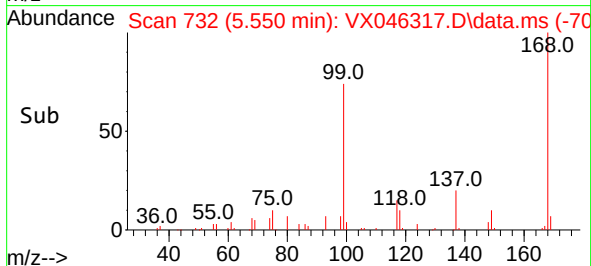
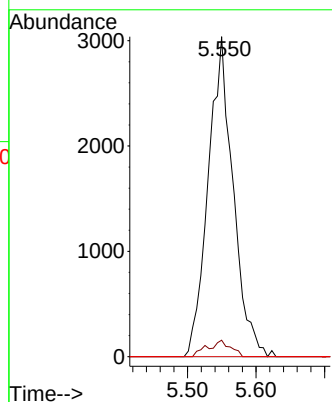


#38
Carbon Tetrachloride
Concen: 6.054 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX046317.D
Acq: 22 May 2025 10:26

Instrument :
MSVOA_X
ClientSampleId :
IBLK

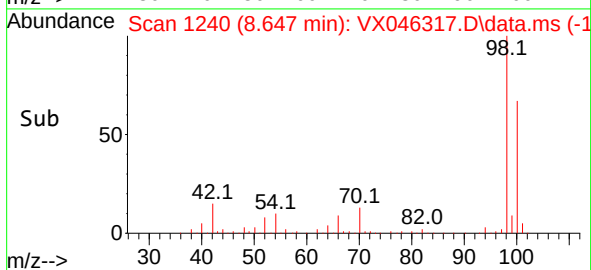
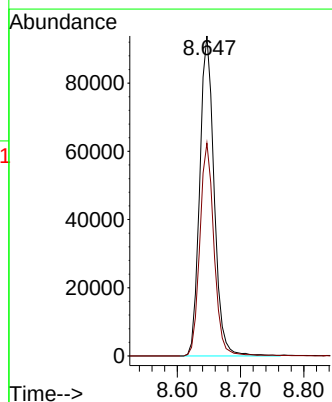
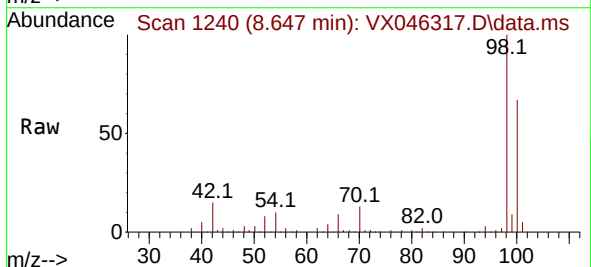


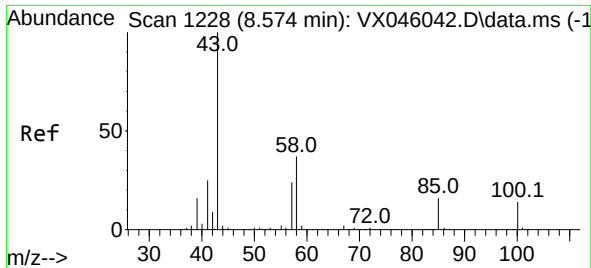
Tgt Ion:117 Resp: 7697
Ion Ratio Lower Upper
117 100
119 5.2 75.2 112.8#
121 0.0 24.2 36.4#



#50
Toluene-d8
Concen: 51.098 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046317.D
Acq: 22 May 2025 10:26

Tgt Ion: 98 Resp: 148947
Ion Ratio Lower Upper
98 100
100 65.7 53.5 80.3

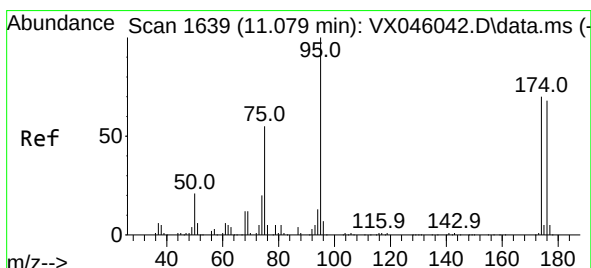
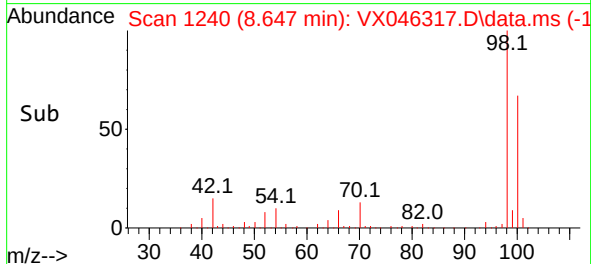
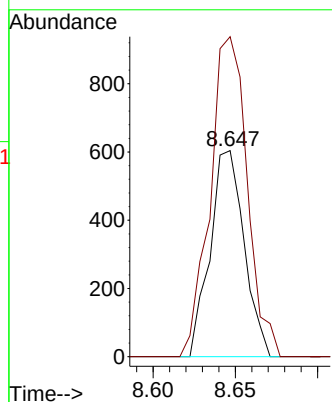
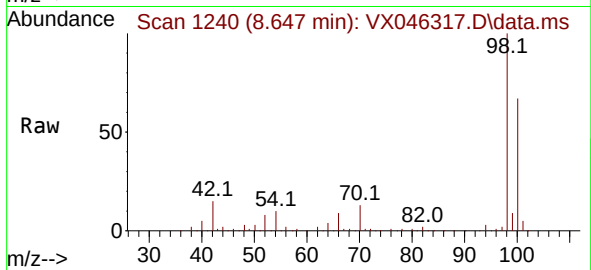




#51
4-Methyl-2-Pentanone
Concen: 0.612 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX046317.D
Acq: 22 May 2025 10:26

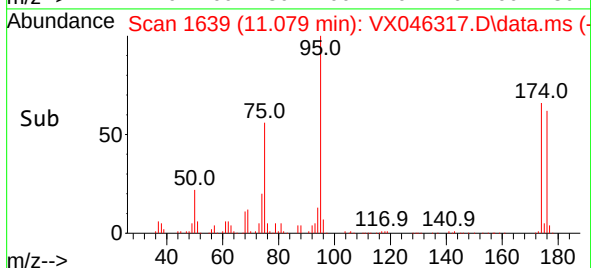
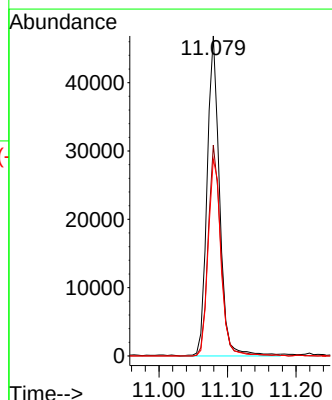
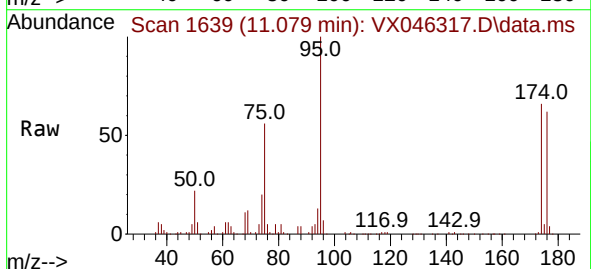
Instrument :
MSVOA_X
ClientSampleId :
IBLK

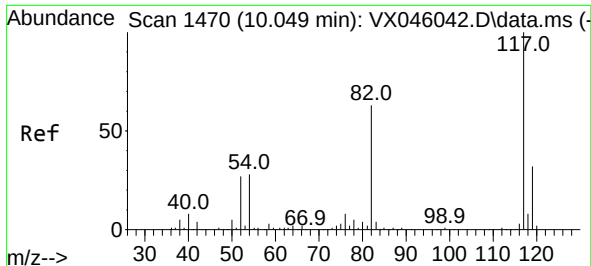
Tgt Ion: 43 Resp: 867
Ion Ratio Lower Upper
43 100
58 169.6 28.9 43.3#



#62
4-Bromofluorobenzene
Concen: 53.213 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046317.D
Acq: 22 May 2025 10:26

Tgt Ion: 95 Resp: 59498
Ion Ratio Lower Upper
95 100
174 66.5 0.0 135.8
176 63.5 0.0 131.4

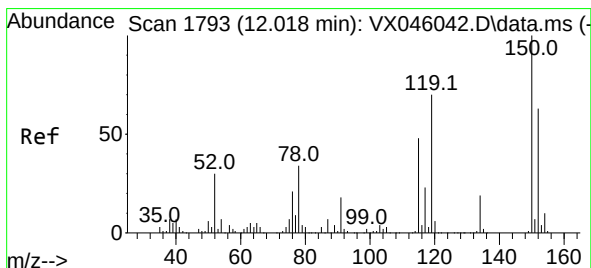
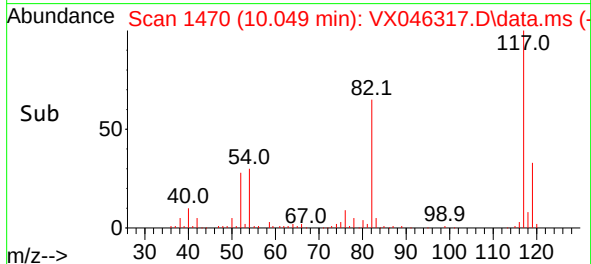
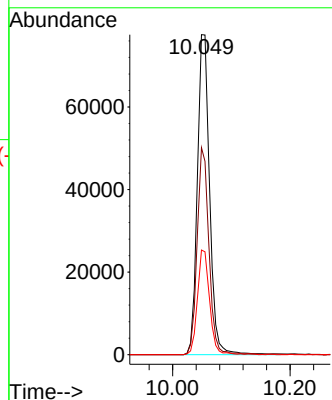
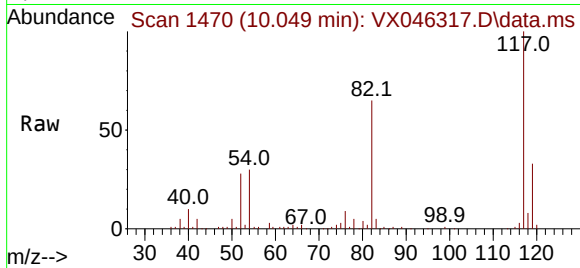




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046317.D
Acq: 22 May 2025 10:26

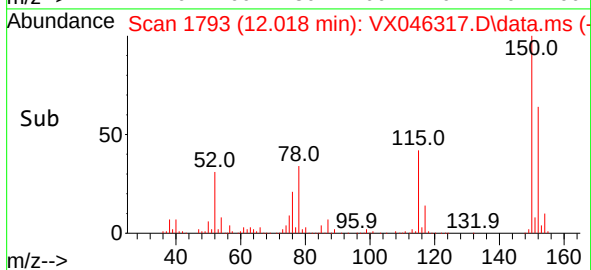
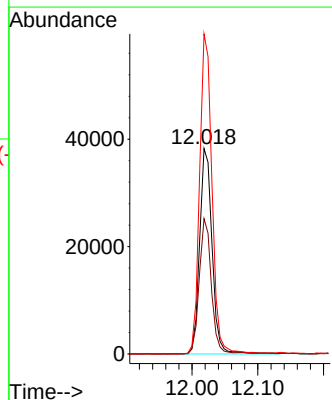
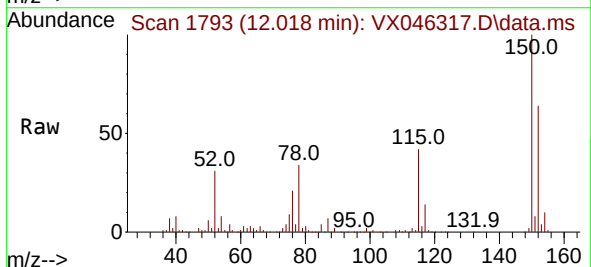
Instrument :
MSVOA_X
ClientSampleId :
IBLK

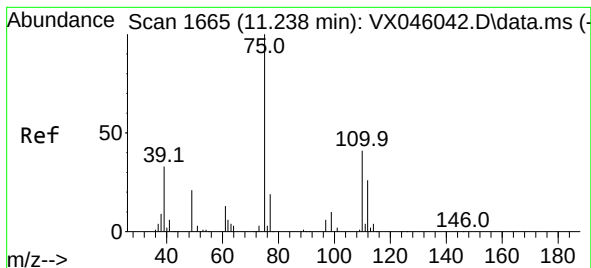
Tgt Ion:117 Resp: 112471
Ion Ratio Lower Upper
117 100
82 64.7 50.6 76.0
119 32.7 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046317.D
Acq: 22 May 2025 10:26

Tgt Ion:152 Resp: 50505
Ion Ratio Lower Upper
152 100
115 64.2 46.9 140.7
150 154.2 0.0 351.0





#76

1,2,3-Trichloropropane

Concen: 27.946 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX046317.D

Acq: 22 May 2025 10:26

Instrument :

MSVOA_X

ClientSampleId :

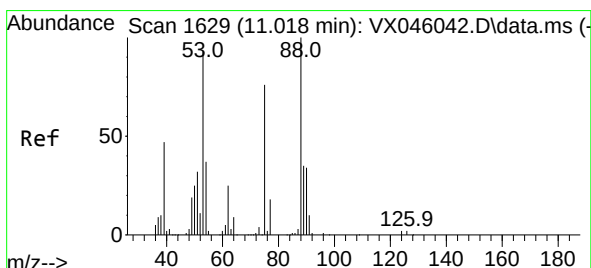
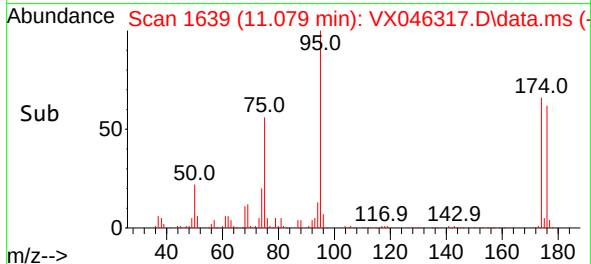
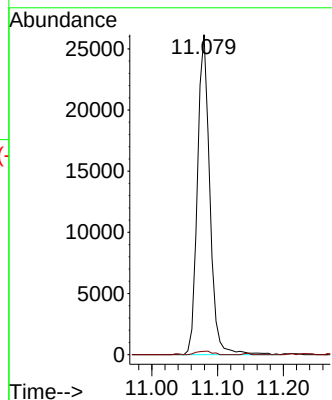
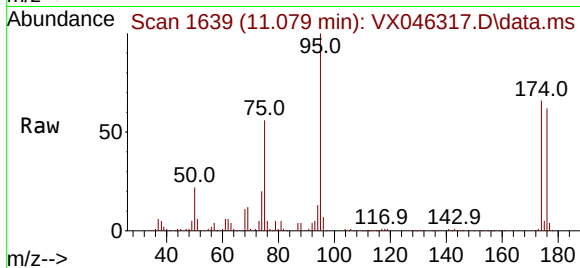
IBLK

Tgt Ion: 75 Resp: 33973

Ion Ratio Lower Upper

75 100

77 1.4 20.5 61.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 90.982 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX046317.D

Acq: 22 May 2025 10:26

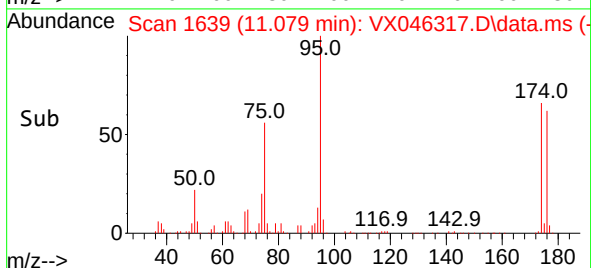
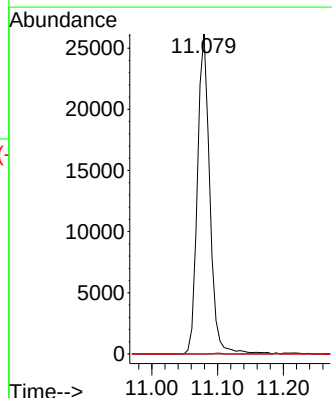
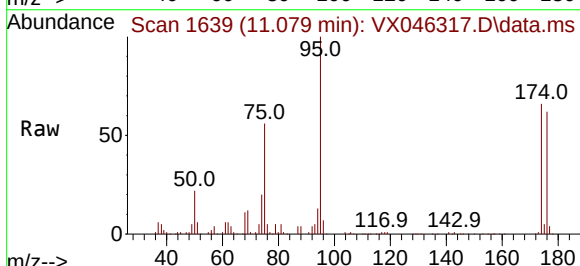
Tgt Ion: 75 Resp: 33973

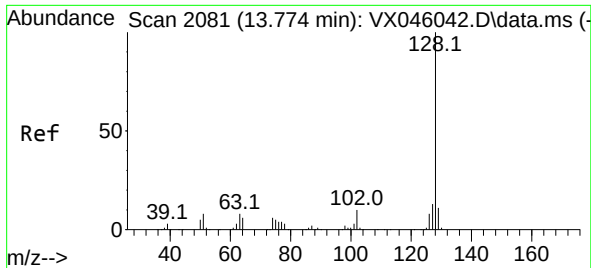
Ion Ratio Lower Upper

75 100

53 0.0 100.5 150.7#

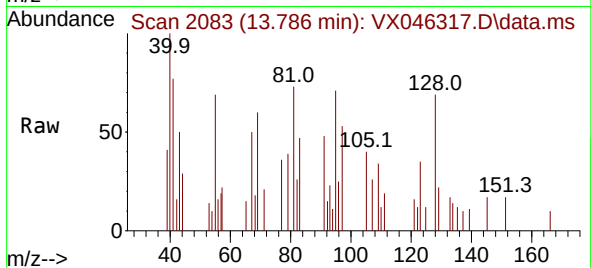
89 0.0 37.0 55.6#





#95
Naphthalene
Concen: 0.283 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.012 min
Lab File: VX046317.D
Acq: 22 May 2025 10:26

Instrument :
MSVOA_X
ClientSampleId :
IBLK



Tgt Ion:128 Resp: 997
Ion Ratio Lower Upper
128 100
127 2.2 10.4 15.6#
129 43.6 8.6 13.0#

