

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051425\
 Data File : VX046194.D
 Acq On : 14 May 2025 15:09
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: May 15 01:23:58 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)

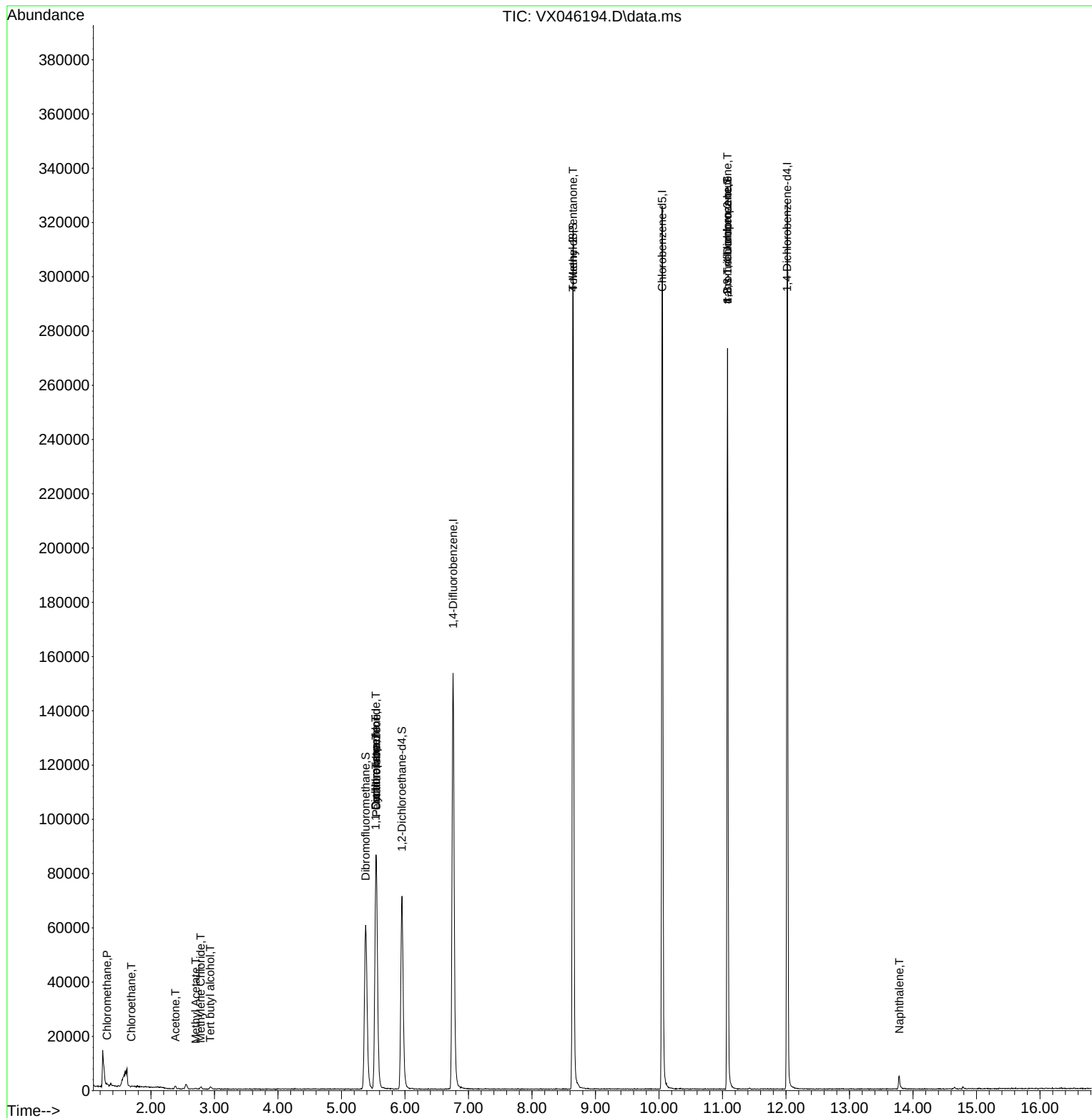
Internal Standards						
1) Pentafluorobenzene	5.550	168	73494	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	145093	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	137314	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	60770	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	71408	52.116	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.240%			
35) Dibromofluoromethane	5.379	113	52741	50.478	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.960%			
50) Toluene-d8	8.647	98	181590	50.215	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.420%			
62) 4-Bromofluorobenzene	11.079	95	71333	51.424	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 102.840%			
Target Compounds						Qvalue
3) Chloromethane	1.307	50	756	0.693	ug/l #	83
6) Chloroethane	1.691	64	126	0.232	ug/l #	44
11) Tert butyl alcohol	2.934	59	327	1.700	ug/l #	72
16) Acetone	2.386	43	1156	2.104	ug/l	94
18) Methyl Acetate	2.703	43	282	0.221	ug/l #	55
20) Methylene Chloride	2.782	84	464	0.441	ug/l #	62
31) Cyclohexane	5.544	56	2100	1.286	ug/l #	17
36) 1,1-Dichloropropene	5.538	75	7408	5.277	ug/l #	51
38) Carbon Tetrachloride	5.544	117	8745	5.544	ug/l #	17
51) 4-Methyl-2-Pentanone	8.647	43	1022	0.582	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	41200	28.166	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	41200	91.699	ug/l #	1
95) Naphthalene	13.786	128	4468	1.054	ug/l	98

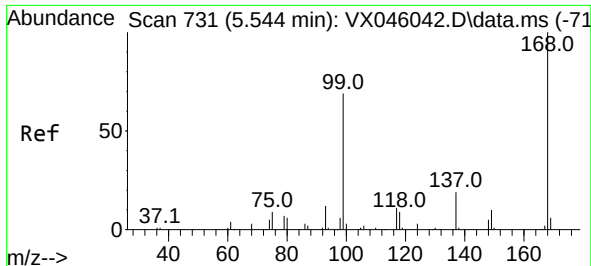
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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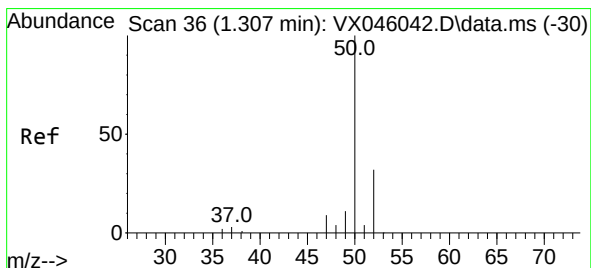
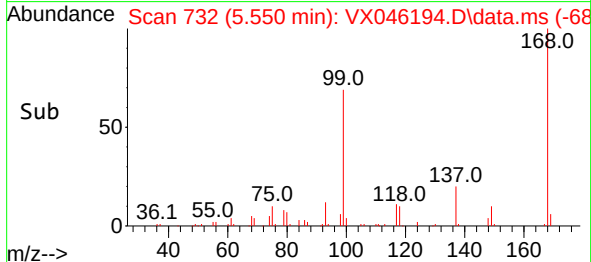
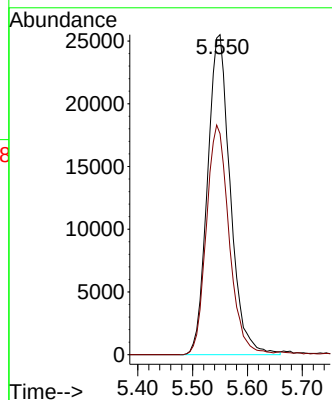
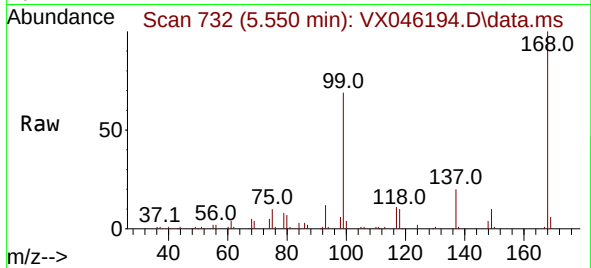




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046194.D
Acq: 14 May 2025 15:09

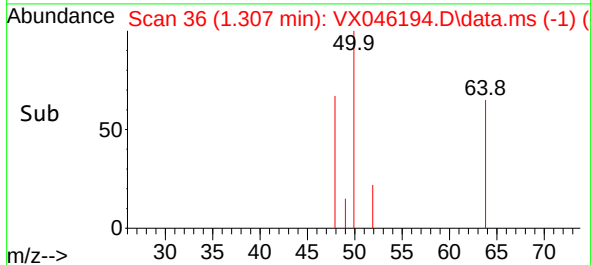
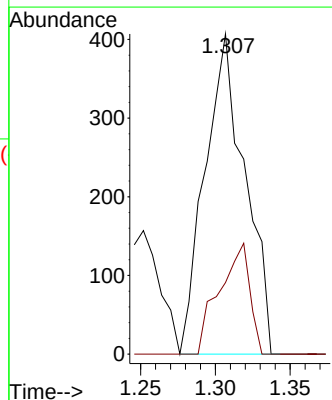
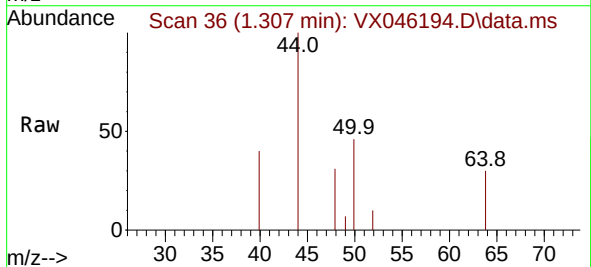
Instrument :
MSVOA_X
ClientSampleId :
IBLK

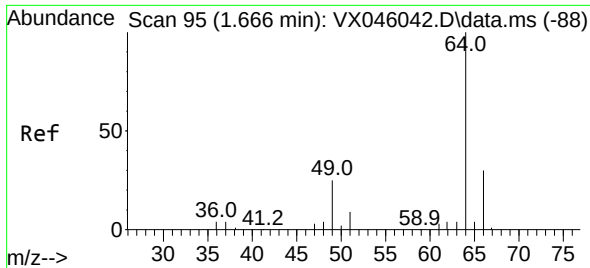
Tgt Ion:168 Resp: 73494
Ion Ratio Lower Upper
168 100
99 69.1 54.9 82.3



#3
Chloromethane
Concen: 0.693 ug/l
RT: 1.307 min Scan# 36
Delta R.T. 0.000 min
Lab File: VX046194.D
Acq: 14 May 2025 15:09

Tgt Ion: 50 Resp: 756
Ion Ratio Lower Upper
50 100
52 22.4 25.4 38.2#

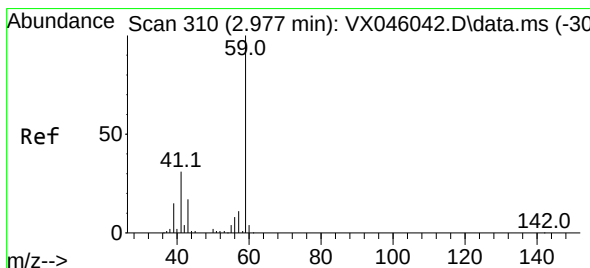
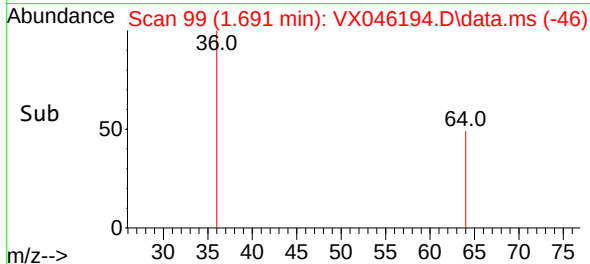
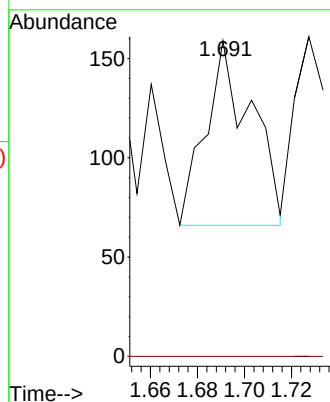
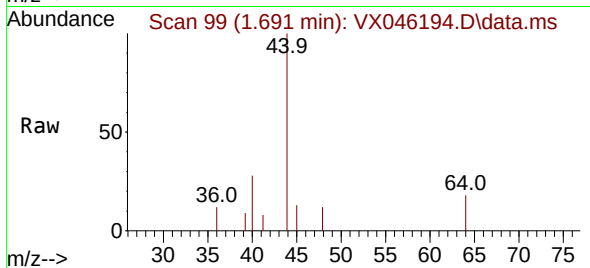




#6
 Chloroethane
 Concen: 0.232 ug/l
 RT: 1.691 min Scan# 91
 Delta R.T. 0.024 min
 Lab File: VX046194.D
 Acq: 14 May 2025 15:09

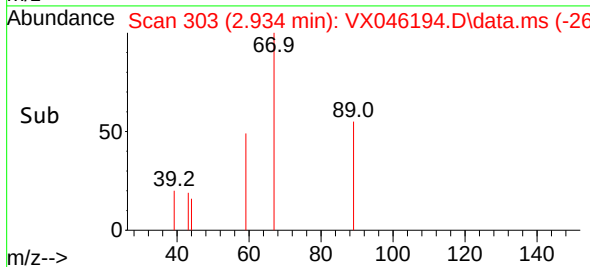
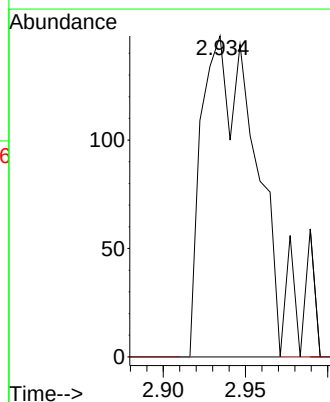
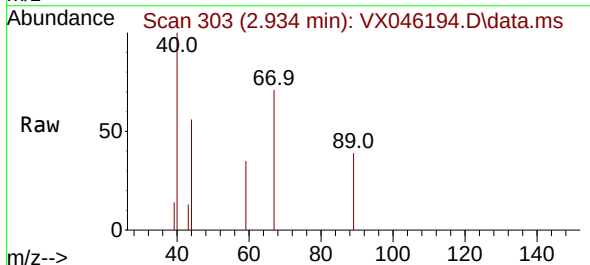
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

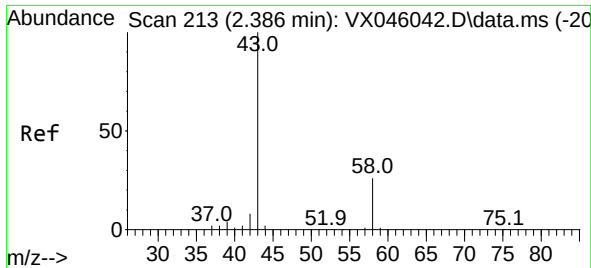
Tgt Ion: 64 Resp: 126
 Ion Ratio Lower Upper
 64 100
 66 0.0 24.3 36.5#



#11
 Tert butyl alcohol
 Concen: 1.700 ug/l
 RT: 2.934 min Scan# 303
 Delta R.T. -0.043 min
 Lab File: VX046194.D
 Acq: 14 May 2025 15:09

Tgt Ion: 59 Resp: 327
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.6 12.8#

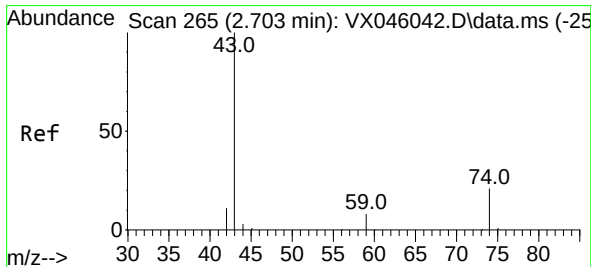
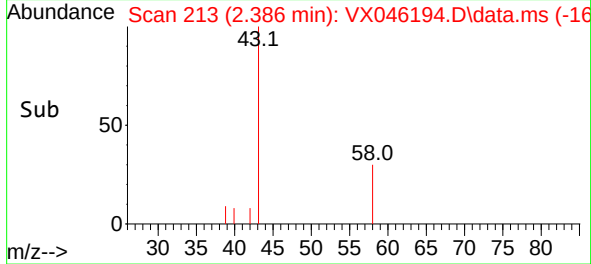
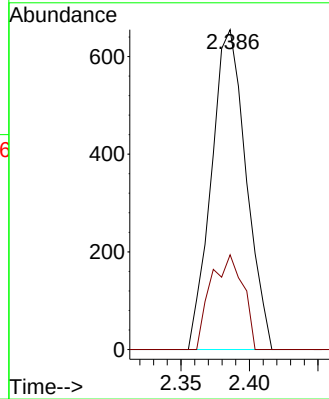
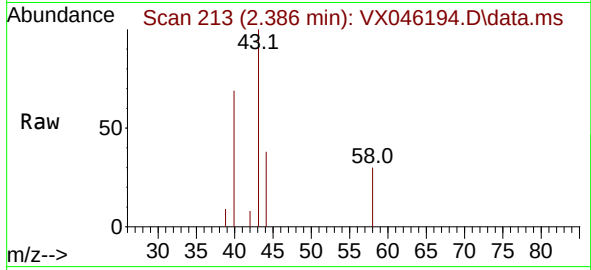




#16
 Acetone
 Concen: 2.104 ug/l
 RT: 2.386 min Scan# 213
 Delta R.T. 0.000 min
 Lab File: VX046194.D
 Acq: 14 May 2025 15:09

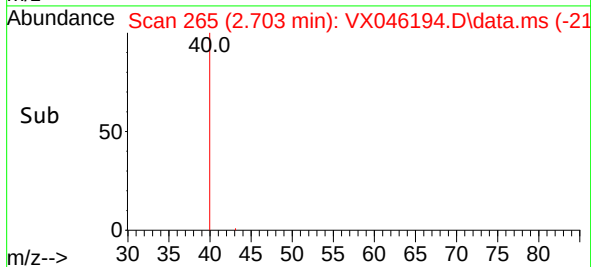
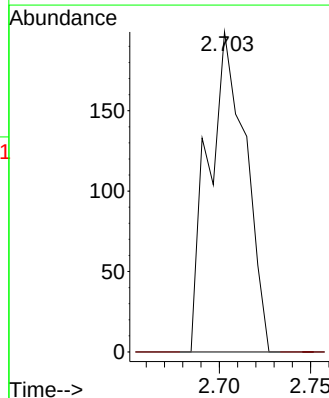
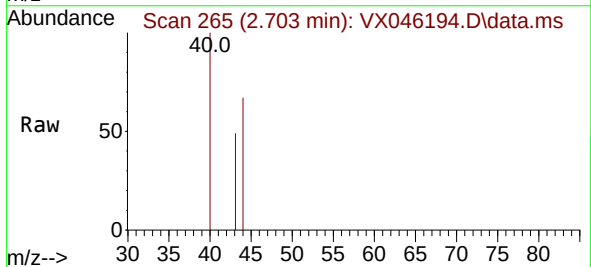
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

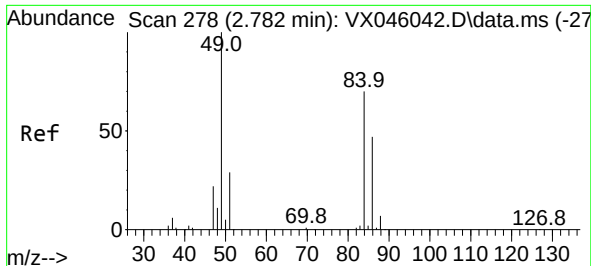
Tgt Ion: 43 Resp: 1156
 Ion Ratio Lower Upper
 43 100
 58 29.6 21.2 31.8



#18
 Methyl Acetate
 Concen: 0.221 ug/l
 RT: 2.703 min Scan# 265
 Delta R.T. 0.000 min
 Lab File: VX046194.D
 Acq: 14 May 2025 15:09

Tgt Ion: 43 Resp: 282
 Ion Ratio Lower Upper
 43 100
 74 0.0 16.7 25.1#

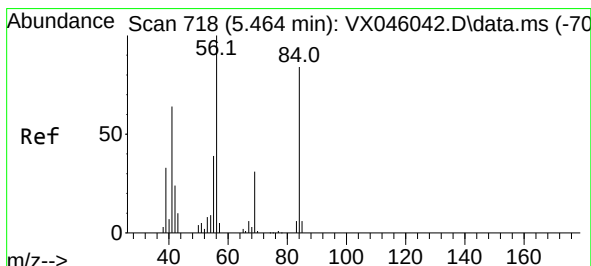
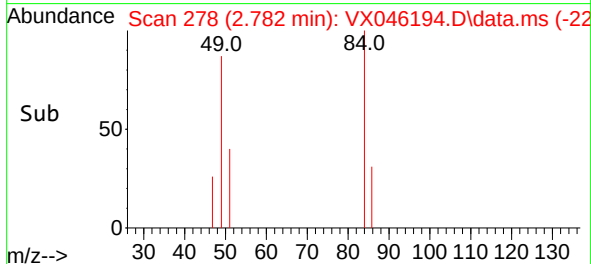
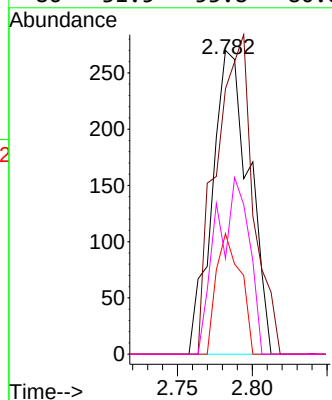
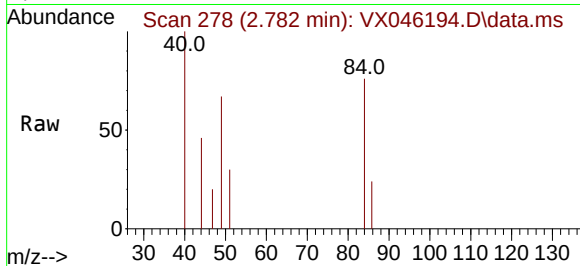




#20
Methylene Chloride
Concen: 0.441 ug/l
RT: 2.782 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX046194.D
Acq: 14 May 2025 15:09

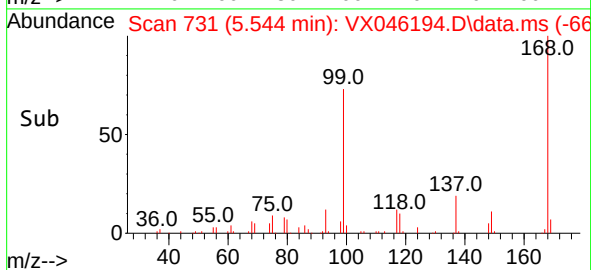
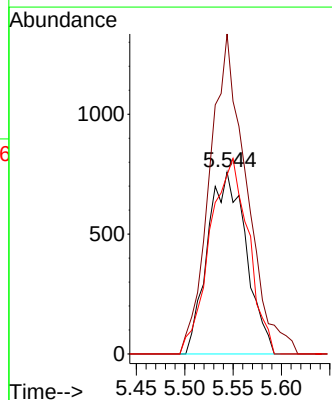
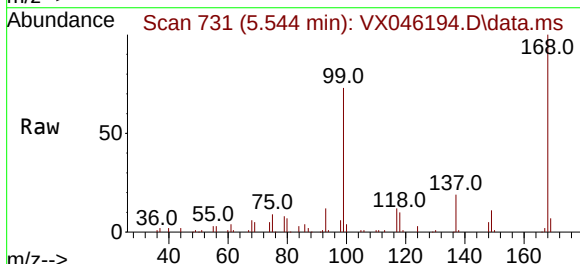
Instrument :
MSVOA_X
ClientSampleId :
IBLK

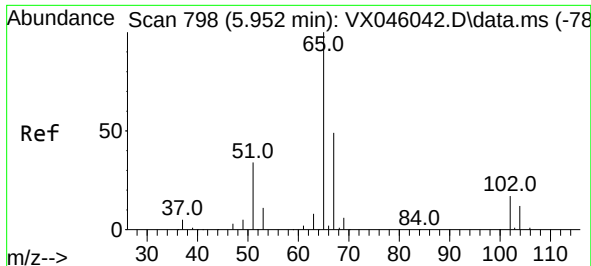
Tgt Ion:	84	Resp:	464
Ion	Ratio	Lower	Upper
84	100		
49	87.4	113.9	170.9#
51	39.6	33.5	50.3
86	31.5	53.8	80.8#



#31
Cyclohexane
Concen: 1.286 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.079 min
Lab File: VX046194.D
Acq: 14 May 2025 15:09

Tgt Ion:	56	Resp:	2100
Ion	Ratio	Lower	Upper
56	100		
69	175.9	24.4	36.6#
84	98.4	66.9	100.3





#33

1,2-Dichloroethane-d4

Concen: 52.116 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX046194.D

Acq: 14 May 2025 15:09

Instrument :

MSVOA_X

ClientSampleId :

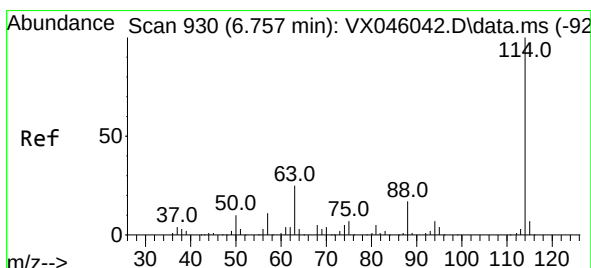
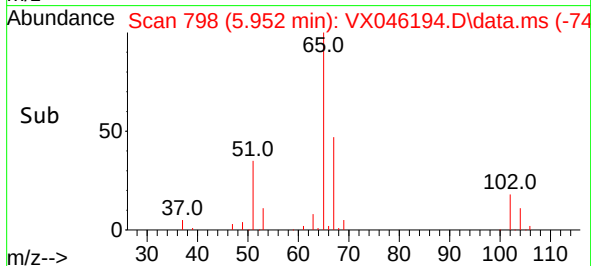
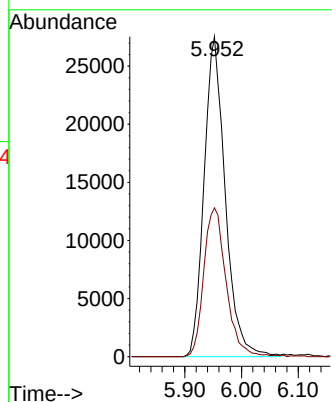
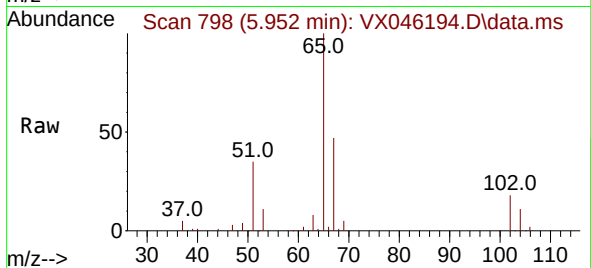
IBLK

Tgt Ion: 65 Resp: 71408

Ion Ratio Lower Upper

65 100

67 49.0 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: VX046194.D

Acq: 14 May 2025 15:09

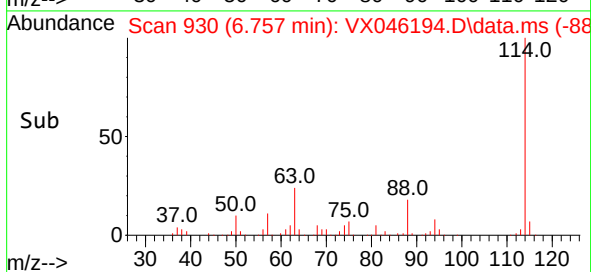
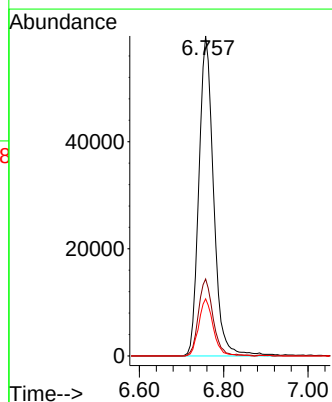
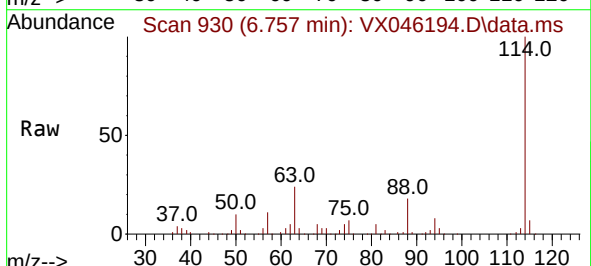
Tgt Ion: 114 Resp: 145093

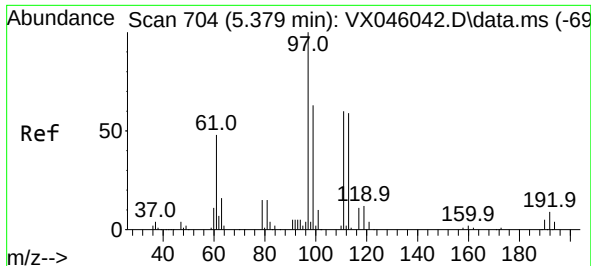
Ion Ratio Lower Upper

114 100

63 24.1 0.0 49.2

88 17.9 0.0 33.6

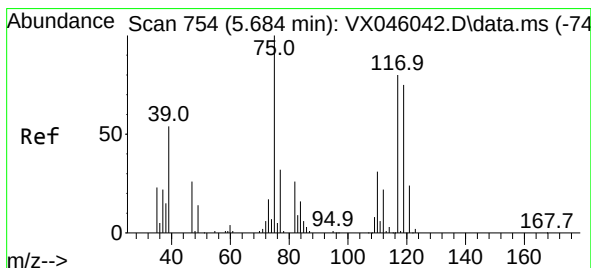
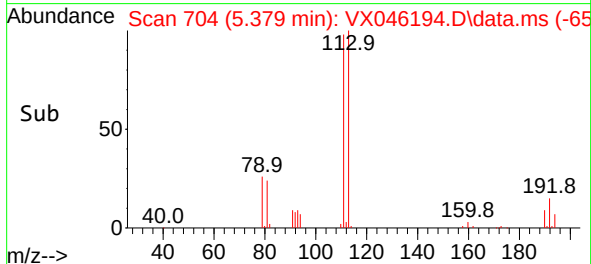
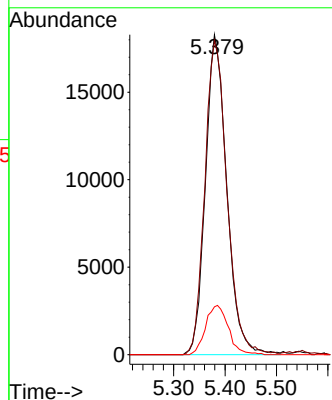
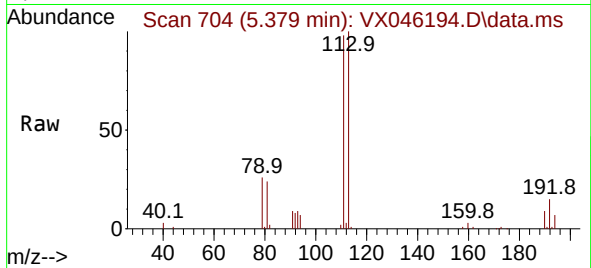




#35
Dibromofluoromethane
Concen: 50.478 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX046194.D
Acq: 14 May 2025 15:09

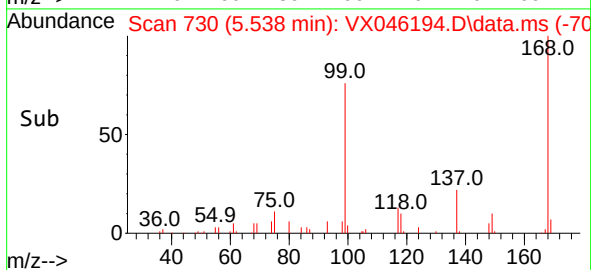
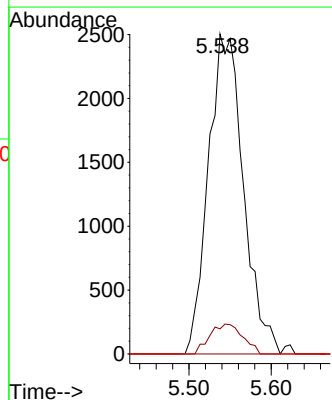
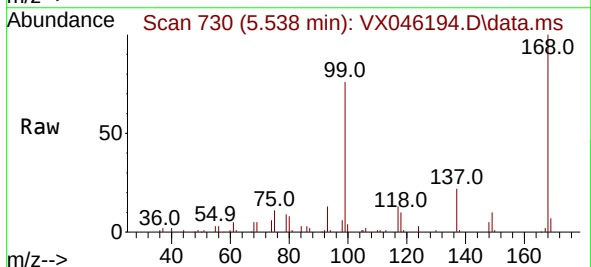
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IBLK

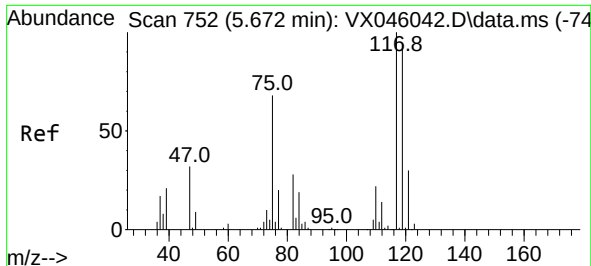
Tgt Ion:113 Resp: 52741
Ion Ratio Lower Upper
113 100
111 102.0 83.1 124.7
192 16.5 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.277 ug/l
RT: 5.538 min Scan# 730
Delta R.T. -0.146 min
Lab File: VX046194.D
Acq: 14 May 2025 15:09

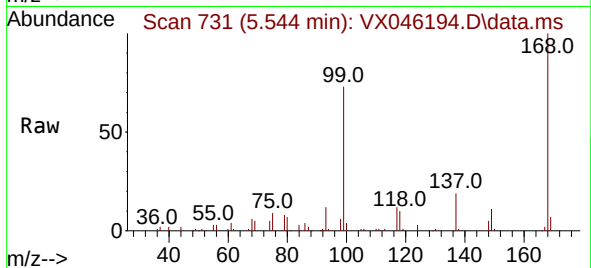
Tgt Ion: 75 Resp: 7408
Ion Ratio Lower Upper
75 100
110 8.8 16.3 48.9#
77 0.0 24.3 36.5#



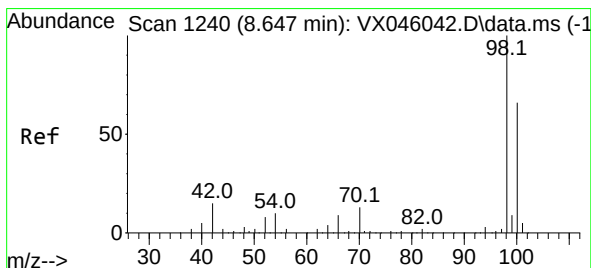
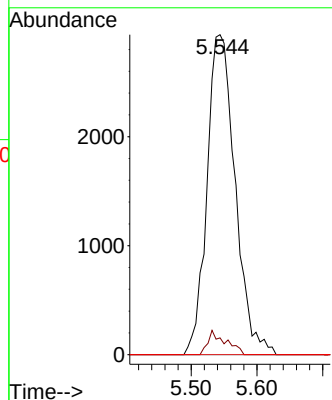
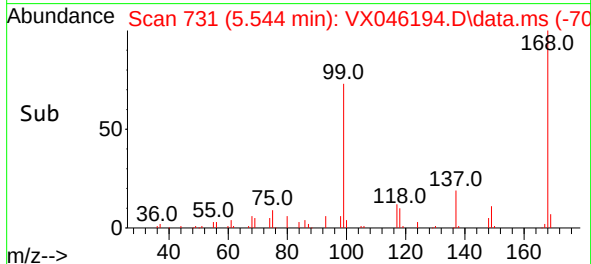


#38
Carbon Tetrachloride
Concen: 5.544 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX046194.D
Acq: 14 May 2025 15:09

Instrument :
MSVOA_X
ClientSampleId :
IBLK

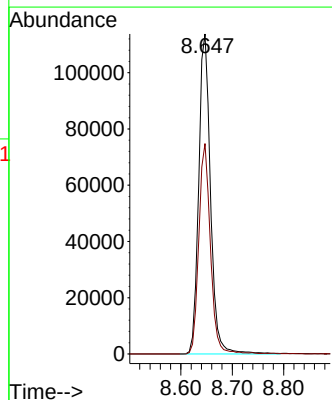
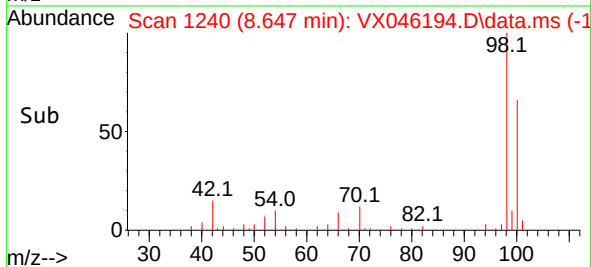
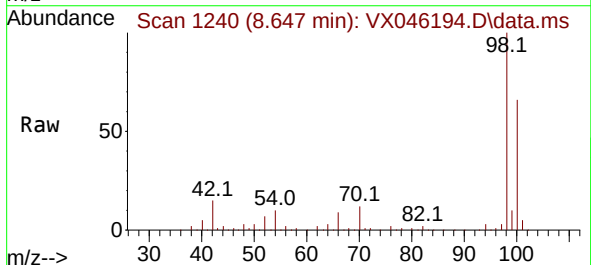


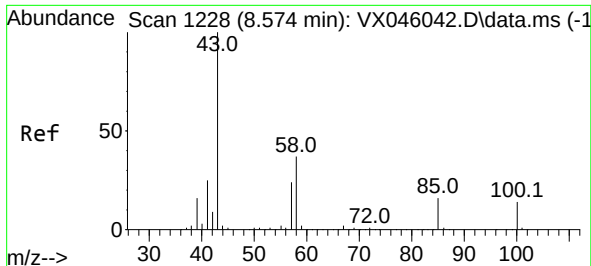
Tgt Ion:117 Resp: 8745
Ion Ratio Lower Upper
117 100
119 5.2 75.2 112.8#
121 0.0 24.2 36.4#



#50
Toluene-d8
Concen: 50.215 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX046194.D
Acq: 14 May 2025 15:09

Tgt Ion: 98 Resp: 181590
Ion Ratio Lower Upper
98 100
100 64.8 53.5 80.3

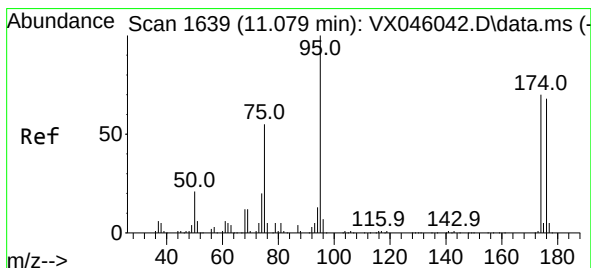
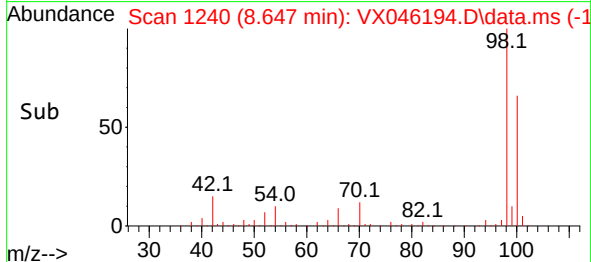
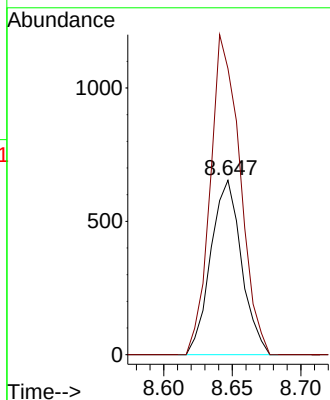
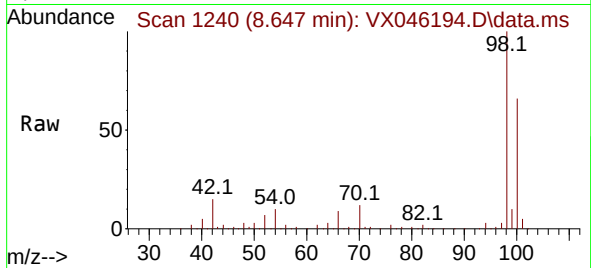




#51
4-Methyl-2-Pentanone
Concen: 0.582 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX046194.D
Acq: 14 May 2025 15:09

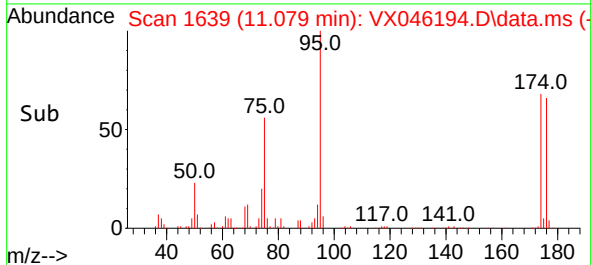
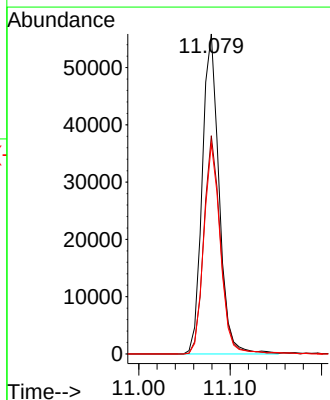
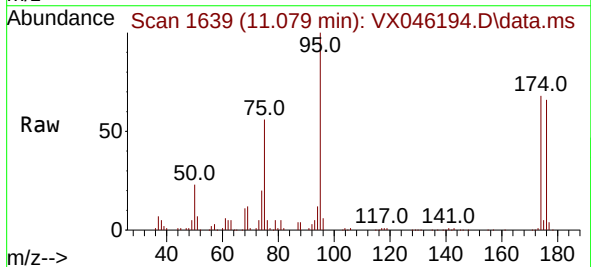
Instrument :
MSVOA_X
ClientSampleId :
IBLK

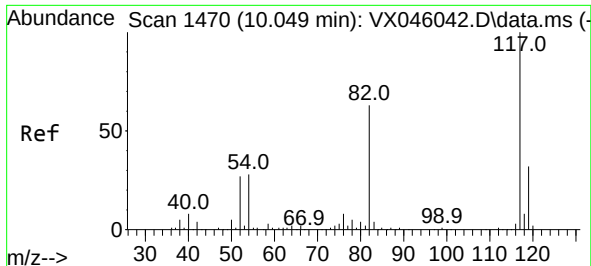
Tgt Ion: 43 Resp: 1022
Ion Ratio Lower Upper
43 100
58 177.3 28.9 43.3#



#62
4-Bromofluorobenzene
Concen: 51.424 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046194.D
Acq: 14 May 2025 15:09

Tgt Ion: 95 Resp: 71333
Ion Ratio Lower Upper
95 100
174 67.5 0.0 135.8
176 65.1 0.0 131.4

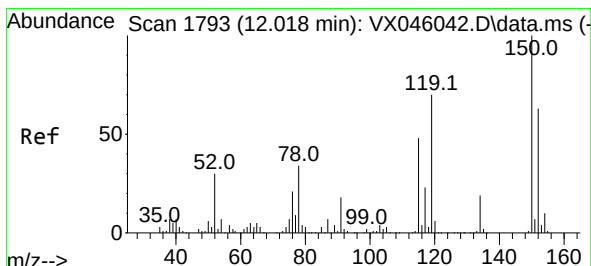
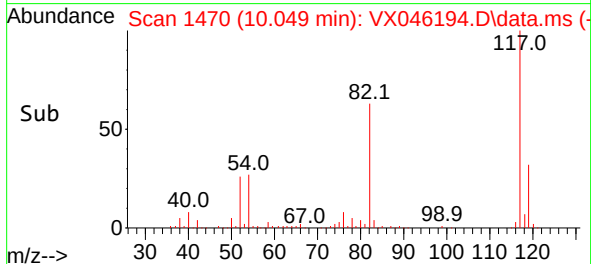
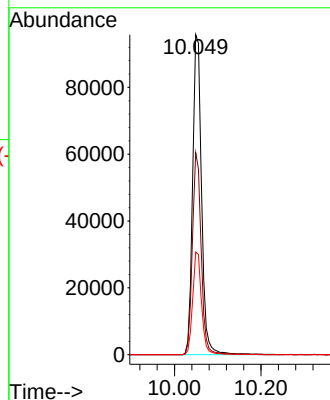
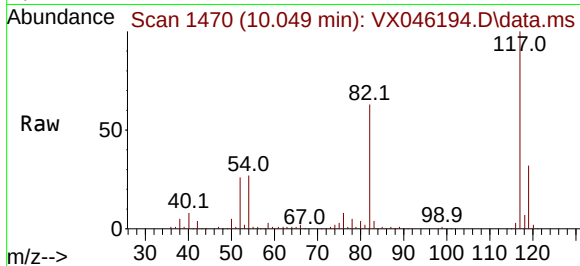




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX046194.D
Acq: 14 May 2025 15:09

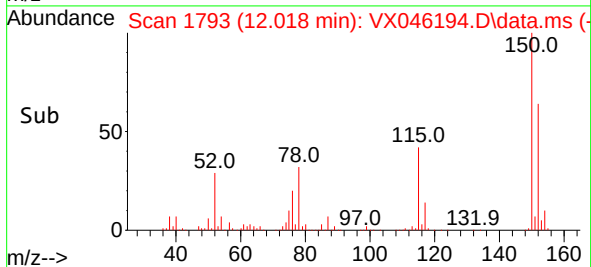
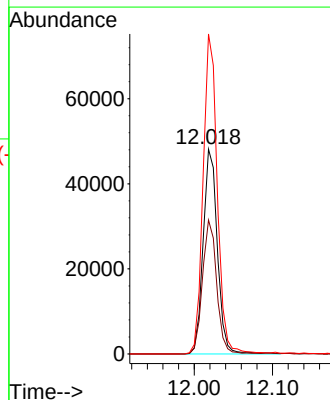
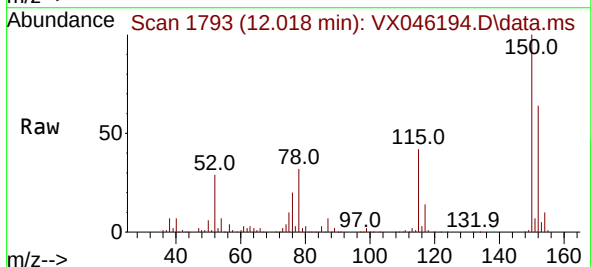
Instrument :
MSVOA_X
ClientSampleId :
IBLK

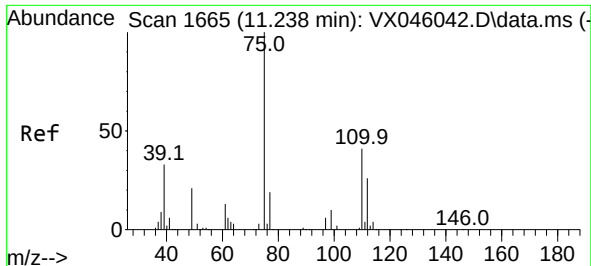
Tgt Ion:117 Resp: 137314
Ion Ratio Lower Upper
117 100
82 63.2 50.6 76.0
119 32.1 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX046194.D
Acq: 14 May 2025 15:09

Tgt Ion:152 Resp: 60770
Ion Ratio Lower Upper
152 100
115 65.3 46.9 140.7
150 155.3 0.0 351.0

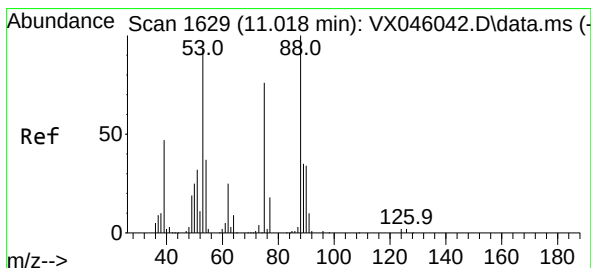
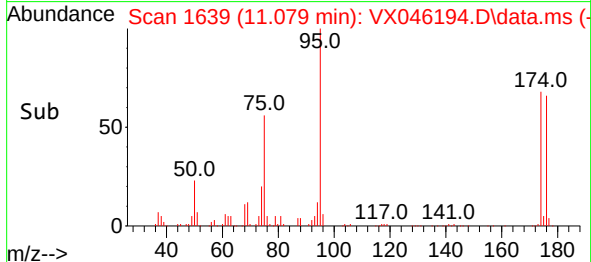
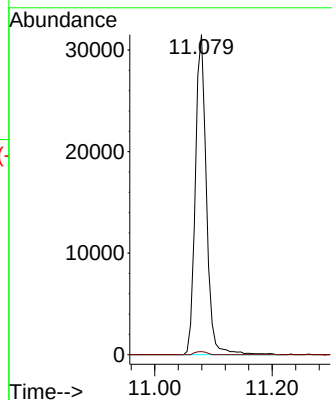
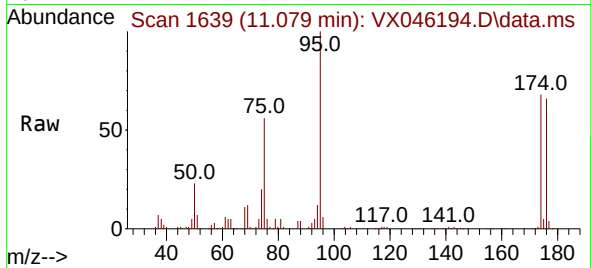




#76
1,2,3-Trichloropropane
Concen: 28.166 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX046194.D
Acq: 14 May 2025 15:09

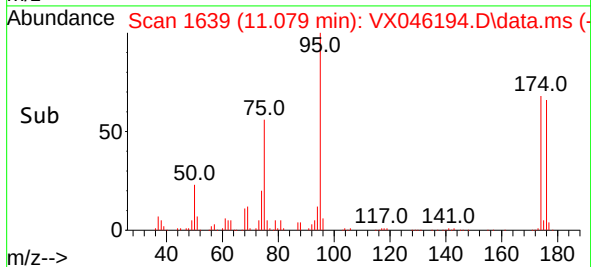
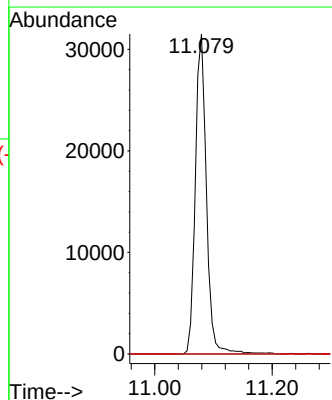
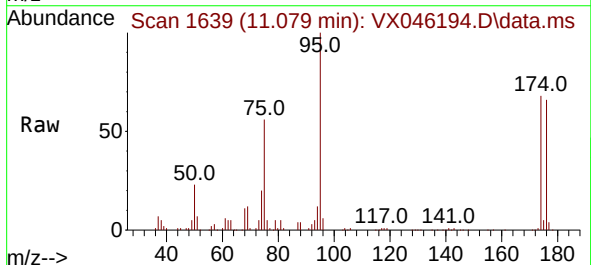
Instrument :
MSVOA_X
ClientSampleId :
IBLK

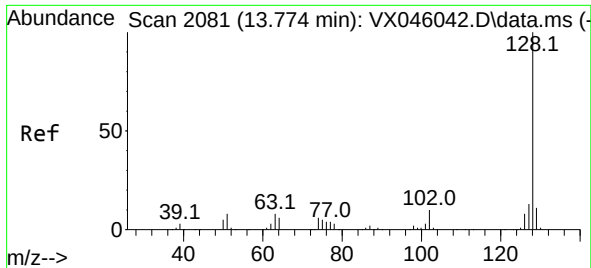
Tgt Ion: 75 Resp: 41200
Ion Ratio Lower Upper
75 100
77 1.0 20.5 61.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 91.699 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX046194.D
Acq: 14 May 2025 15:09

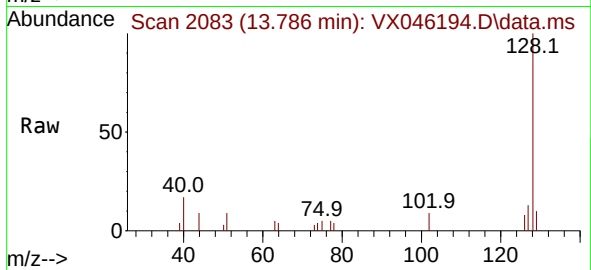
Tgt Ion: 75 Resp: 41200
Ion Ratio Lower Upper
75 100
53 0.0 100.5 150.7#
89 0.0 37.0 55.6#





#95
Naphthalene
Concen: 1.054 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.012 min
Lab File: VX046194.D
Acq: 14 May 2025 15:09

Instrument :
MSVOA_X
ClientSampleId :
IBLK



Tgt Ion:	128	Resp:	4468
Ion	Ratio	Lower	Upper
128	100		
127	11.5	10.4	15.6
129	10.9	8.6	13.0

