

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051525\
 Data File : VX046202.D
 Acq On : 15 May 2025 10:38
 Operator : JC/MD
 Sample : VX0515WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0515WBL01

Quant Time: May 16 01:01:57 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)

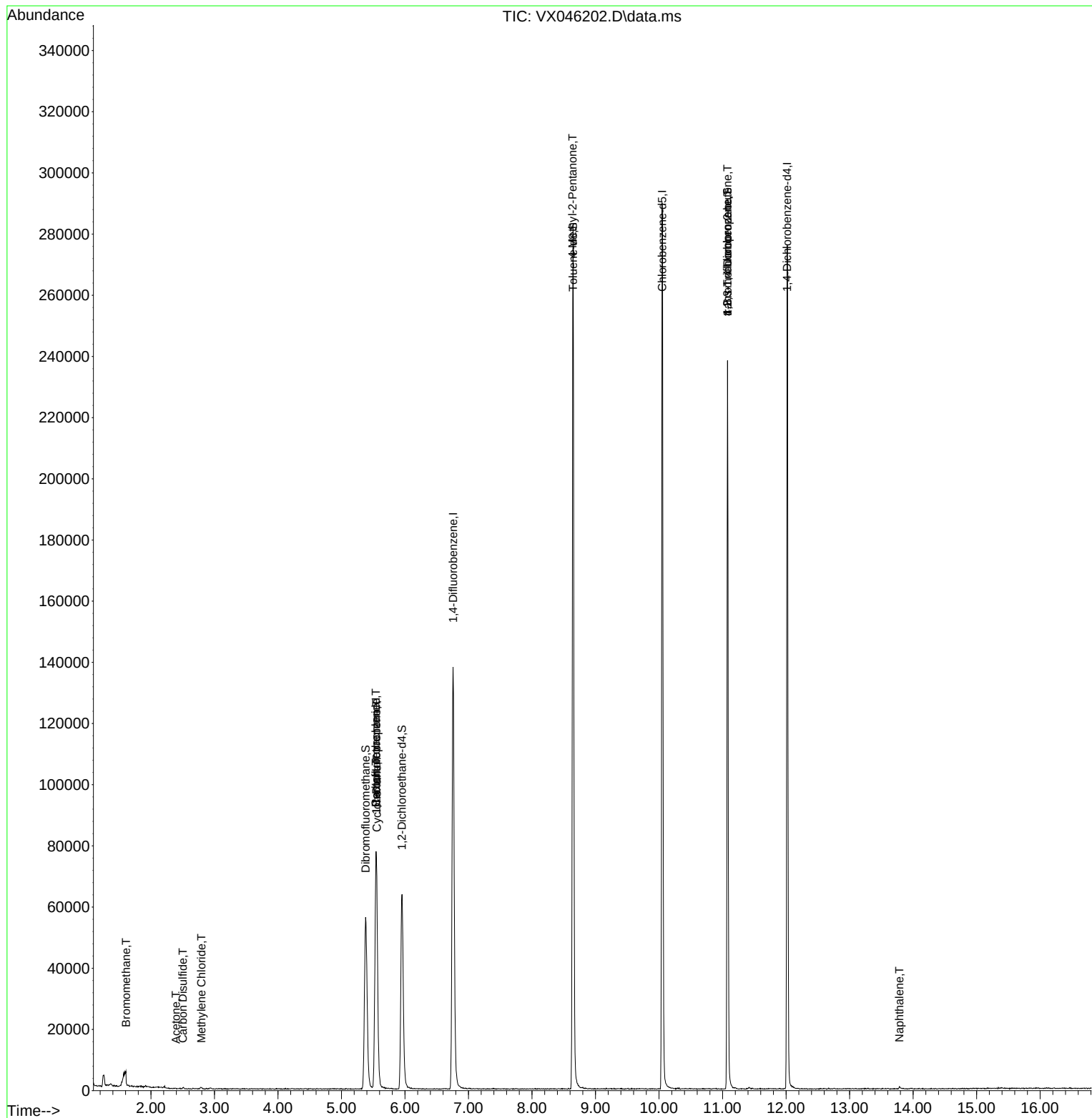
Internal Standards						
1) Pentafluorobenzene	5.544	168	65765	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	130899	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	122283	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	51360	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	66447	54.195	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.400%	
35) Dibromofluoromethane	5.379	113	48539	51.494	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.980%	
50) Toluene-d8	8.647	98	163643	50.159	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.320%	
62) 4-Bromofluorobenzene	11.079	95	61253	48.946	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 97.900%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.605	94	165	0.392	ug/l #	63
16) Acetone	2.392	43	163	0.332	ug/l #	48
17) Carbon Disulfide	2.501	76	426	0.230	ug/l #	76
20) Methylene Chloride	2.794	84	247	0.262	ug/l #	41
31) Cyclohexane	5.556	56	1876	1.284	ug/l #	34
36) 1,1-Dichloropropene	5.550	75	6742	5.323	ug/l #	52
38) Carbon Tetrachloride	5.544	117	7813	5.490	ug/l #	16
51) 4-Methyl-2-Pentanone	8.641	43	921	0.581	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	35402	28.636	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	35402	93.231	ug/l #	1
95) Naphthalene	13.786	128	1027	0.287	ug/l #	76

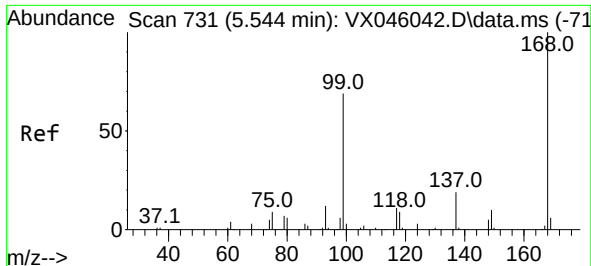
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

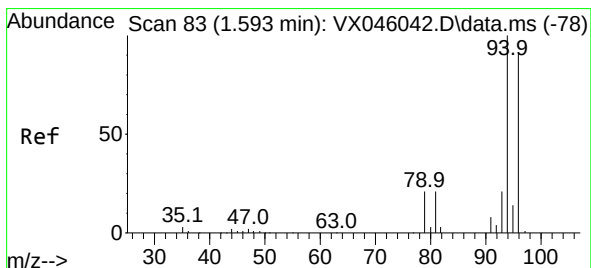
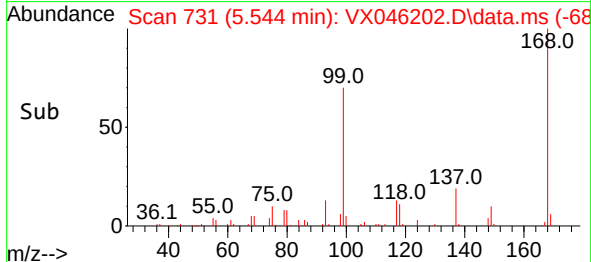
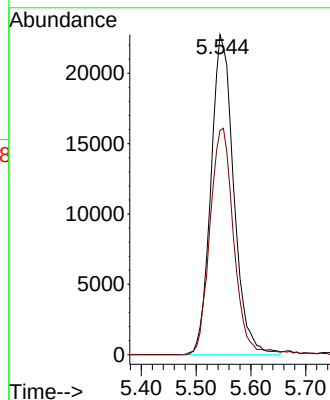
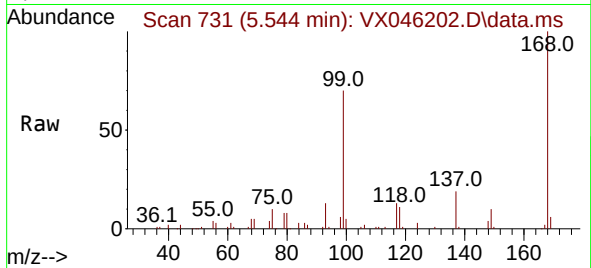




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046202.D
Acq: 15 May 2025 10:38

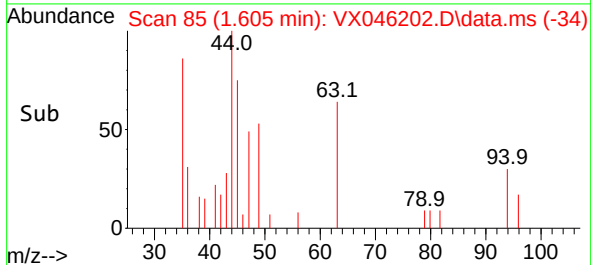
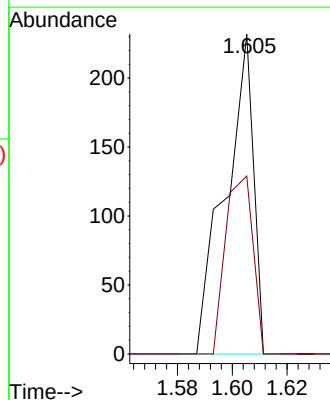
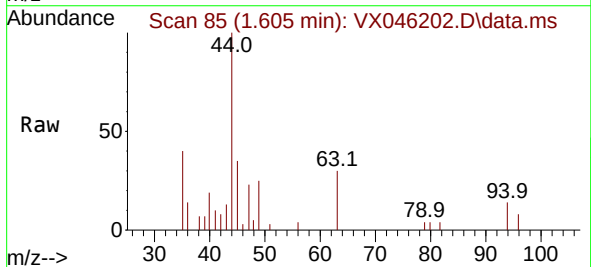
Instrument :
MSVOA_X
ClientSampleId :
VX0515WBL01

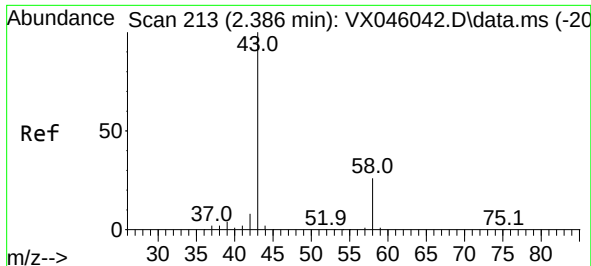
Tgt Ion:168 Resp: 65765
Ion Ratio Lower Upper
168 100
99 70.1 54.9 82.3



#5
Bromomethane
Concen: 0.392 ug/l
RT: 1.605 min Scan# 85
Delta R.T. 0.012 min
Lab File: VX046202.D
Acq: 15 May 2025 10:38

Tgt Ion: 94 Resp: 165
Ion Ratio Lower Upper
94 100
96 55.6 72.8 109.2#

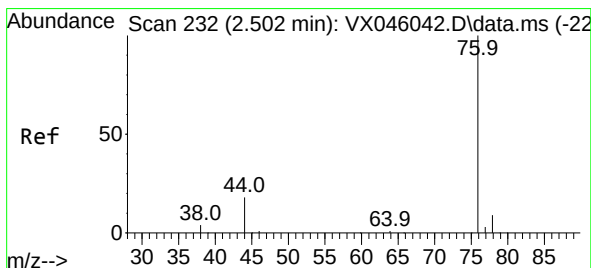
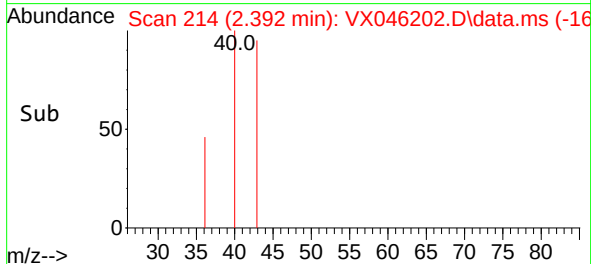
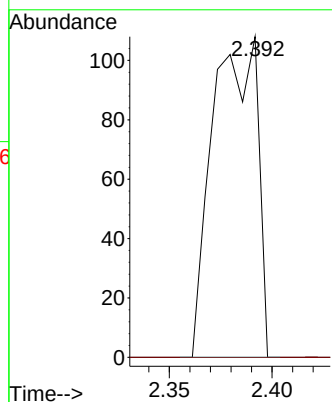
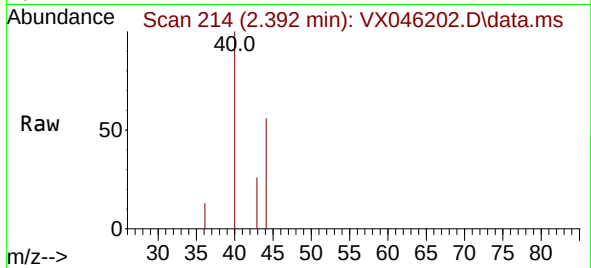




#16
Acetone
Concen: 0.332 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX046202.D
Acq: 15 May 2025 10:38

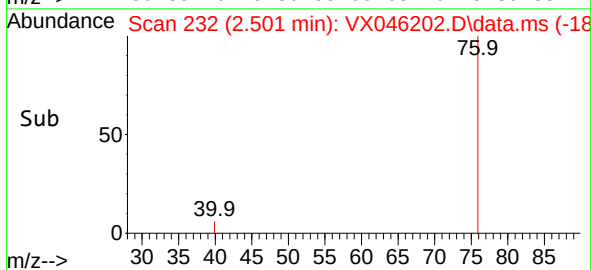
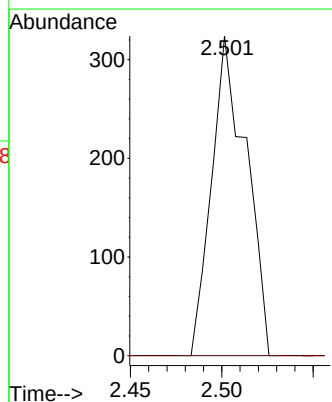
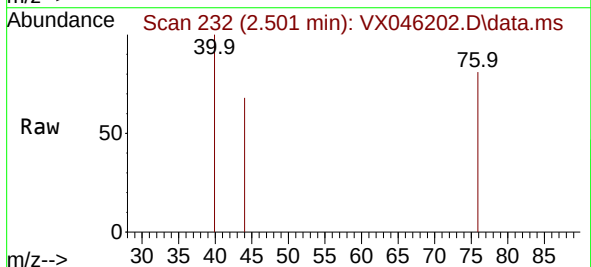
Instrument :
MSVOA_X
ClientSampleId :
VX0515WBL01

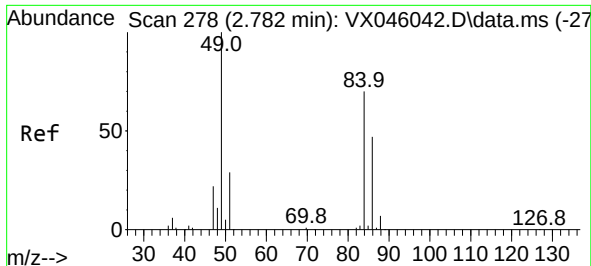
Tgt Ion: 43 Resp: 163
Ion Ratio Lower Upper
43 100
58 0.0 21.2 31.8#



#17
Carbon Disulfide
Concen: 0.230 ug/l
RT: 2.501 min Scan# 232
Delta R.T. -0.000 min
Lab File: VX046202.D
Acq: 15 May 2025 10:38

Tgt Ion: 76 Resp: 426
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.4#

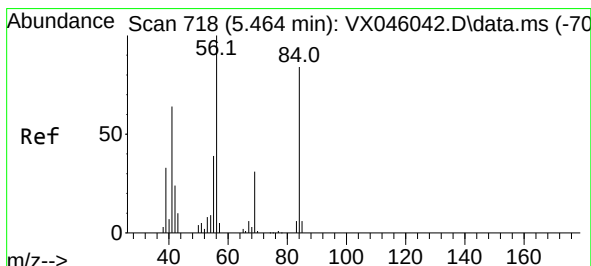
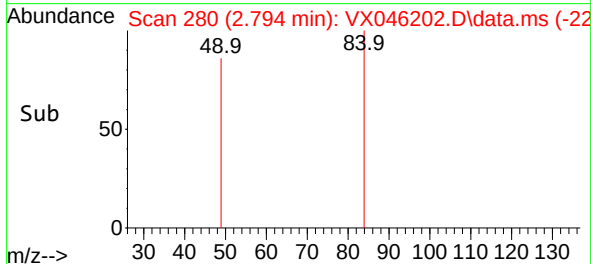
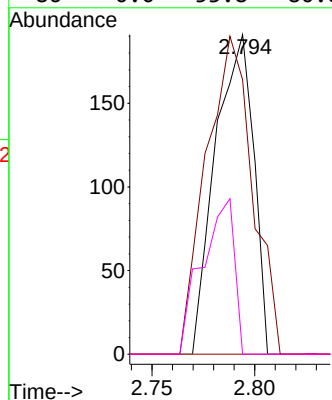
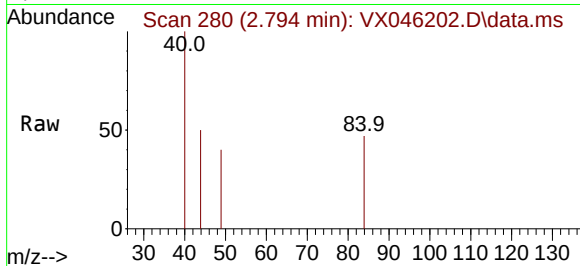




#20
Methylene Chloride
Concen: 0.262 ug/l
RT: 2.794 min Scan# 217
Delta R.T. 0.012 min
Lab File: VX046202.D
Acq: 15 May 2025 10:38

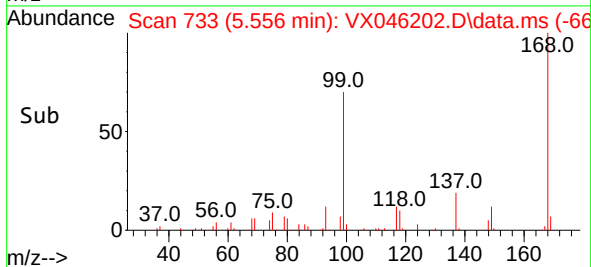
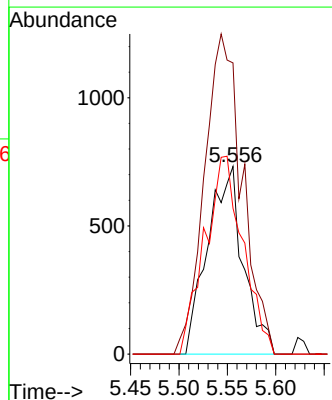
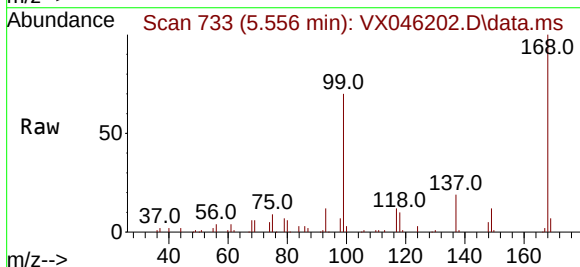
Instrument :
MSVOA_X
ClientSampleId :
VX0515WBL01

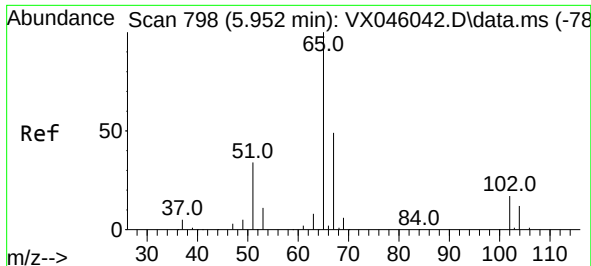
Tgt Ion:	84	Resp:	247
Ion	Ratio	Lower	Upper
84	100		
49	85.9	113.9	170.9#
51	0.0	33.5	50.3#
86	0.0	53.8	80.8#



#31
Cyclohexane
Concen: 1.284 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.091 min
Lab File: VX046202.D
Acq: 15 May 2025 10:38

Tgt Ion:	56	Resp:	1876
Ion	Ratio	Lower	Upper
56	100		
69	155.2	24.4	36.6#
84	77.7	66.9	100.3





#33

1,2-Dichloroethane-d4

Concen: 54.195 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX046202.D

Acq: 15 May 2025 10:38

Instrument :

MSVOA_X

ClientSampleId :

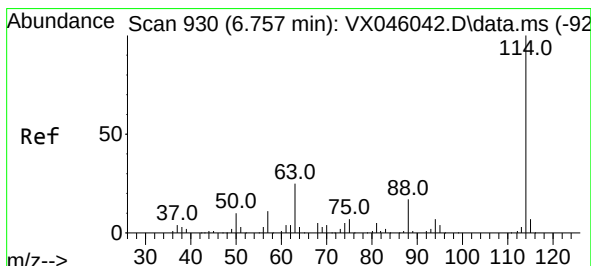
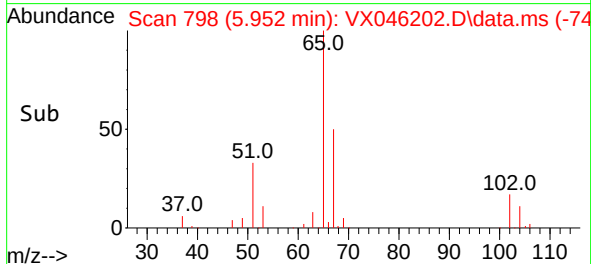
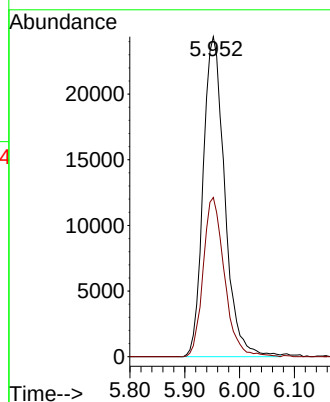
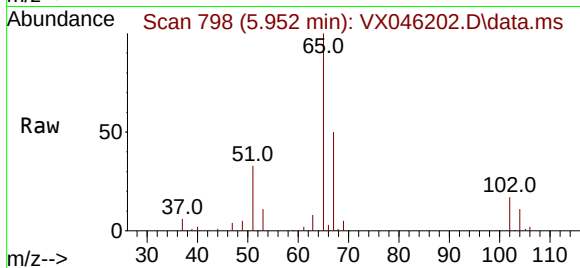
VX0515WBL01

Tgt Ion: 65 Resp: 66447

Ion Ratio Lower Upper

65 100

67 49.2 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: VX046202.D

Acq: 15 May 2025 10:38

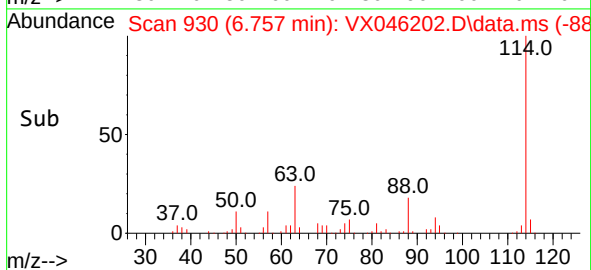
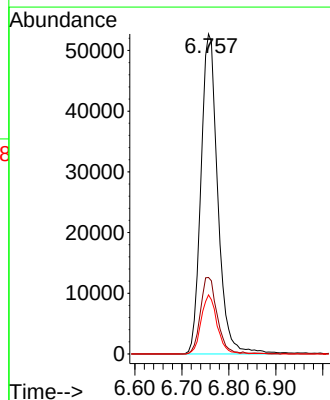
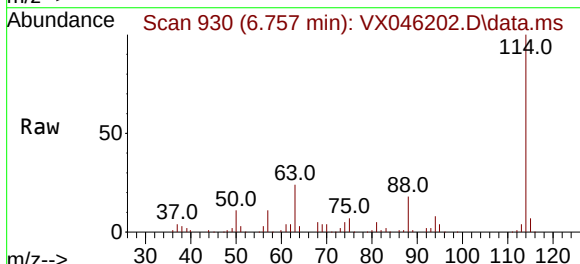
Tgt Ion: 114 Resp: 130899

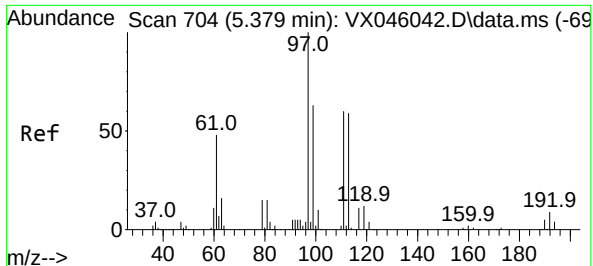
Ion Ratio Lower Upper

114 100

63 23.9 0.0 49.2

88 18.5 0.0 33.6

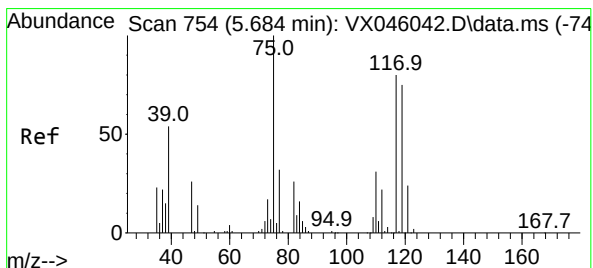
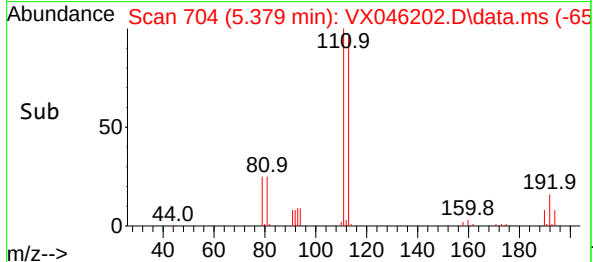
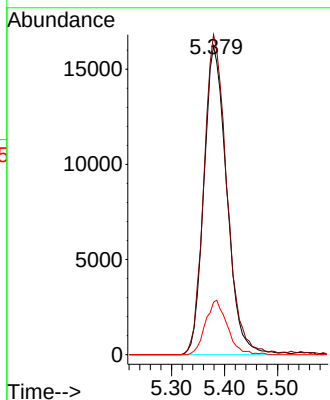
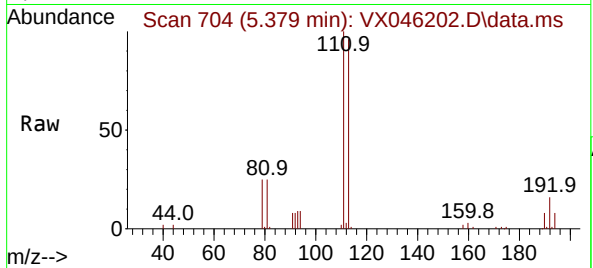




#35
 Dibromofluoromethane
 Concen: 51.494 ug/l
 RT: 5.379 min Scan# 704
 Delta R.T. -0.000 min
 Lab File: VX046202.D
 Acq: 15 May 2025 10:38

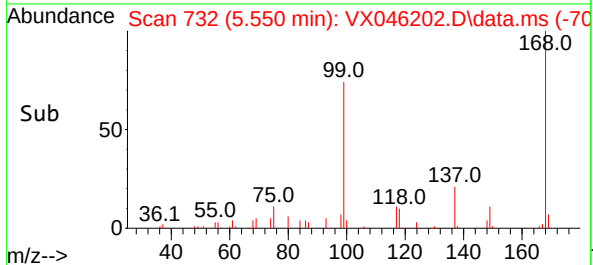
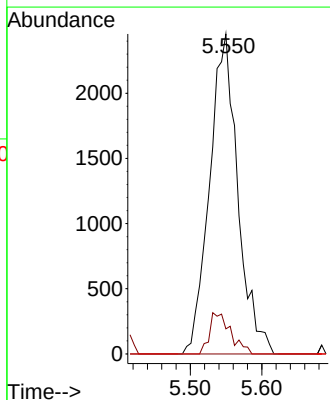
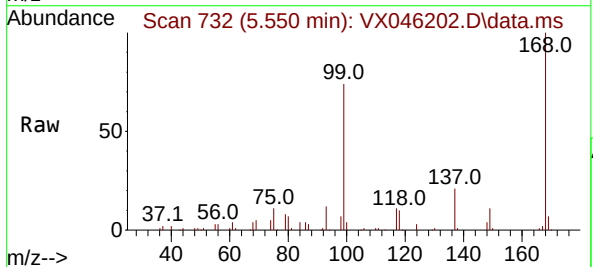
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0515WBL01

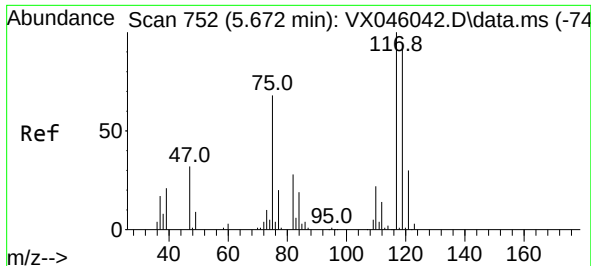
Tgt Ion:	113	Resp:	48539
Ion	Ratio	Lower	Upper
113	100		
111	103.9	83.1	124.7
192	16.9	13.3	19.9



#36
 1,1-Dichloropropene
 Concen: 5.323 ug/l
 RT: 5.550 min Scan# 732
 Delta R.T. -0.134 min
 Lab File: VX046202.D
 Acq: 15 May 2025 10:38

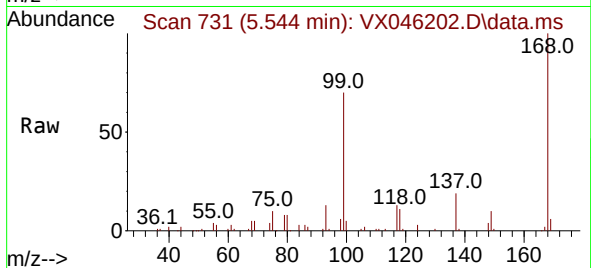
Tgt Ion:	75	Resp:	6742
Ion	Ratio	Lower	Upper
75	100		
110	9.6	16.3	48.9#
77	0.0	24.3	36.5#



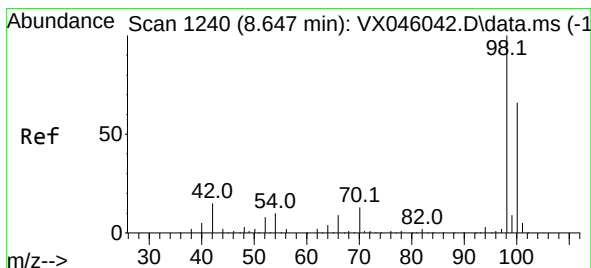
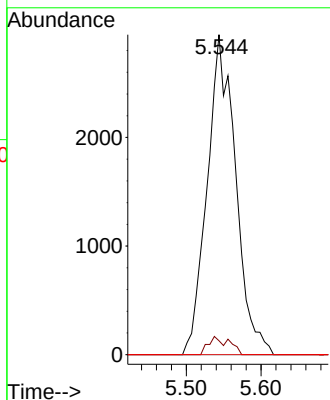
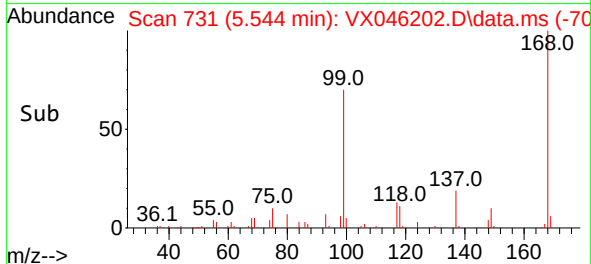


#38
Carbon Tetrachloride
Concen: 5.490 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX046202.D
Acq: 15 May 2025 10:38

Instrument :
MSVOA_X
ClientSampleId :
VX0515WBL01

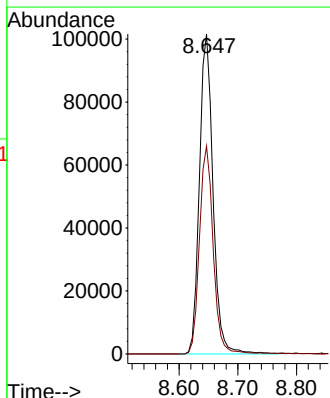
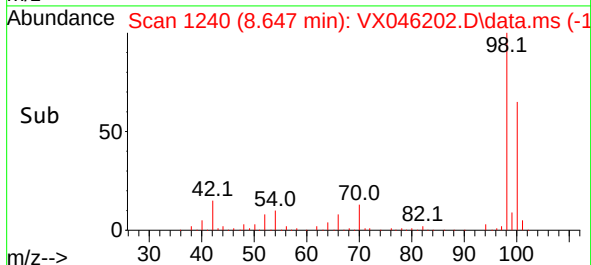
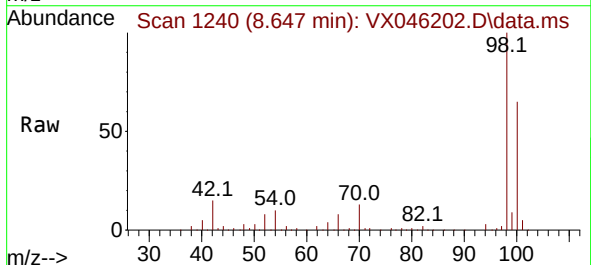


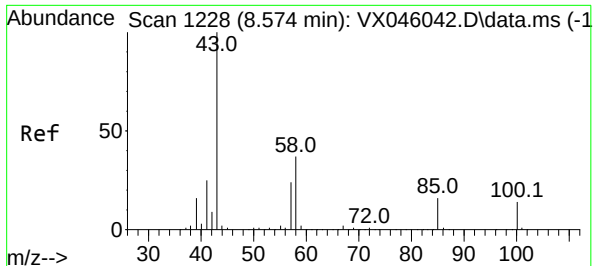
Tgt Ion:117 Resp: 7813
Ion Ratio Lower Upper
117 100
119 4.3 75.2 112.8#
121 0.0 24.2 36.4#



#50
Toluene-d8
Concen: 50.159 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046202.D
Acq: 15 May 2025 10:38

Tgt Ion: 98 Resp: 163643
Ion Ratio Lower Upper
98 100
100 65.8 53.5 80.3

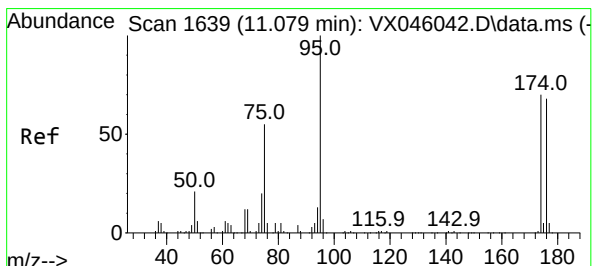
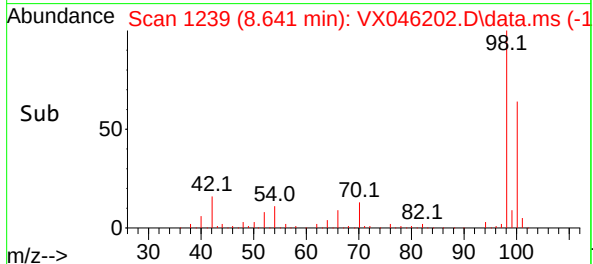
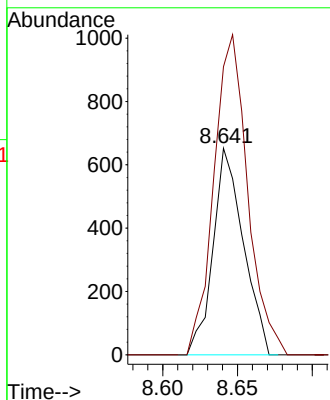
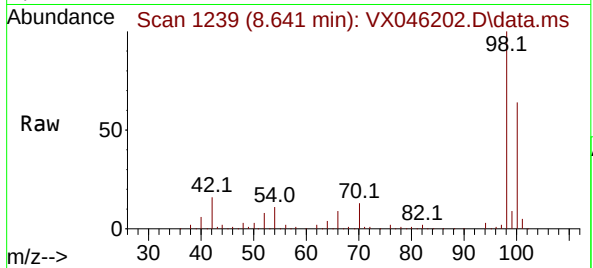




#51
4-Methyl-2-Pentanone
Concen: 0.581 ug/l
RT: 8.641 min Scan# 1228
Delta R.T. 0.067 min
Lab File: VX046202.D
Acq: 15 May 2025 10:38

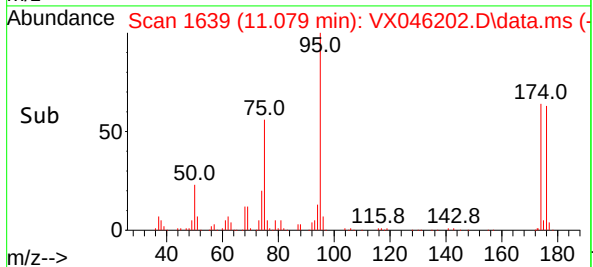
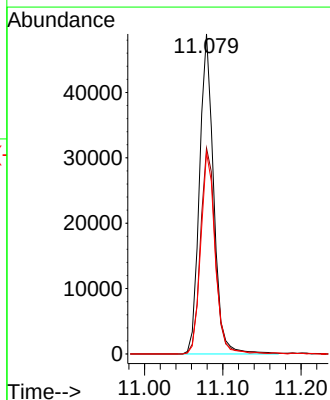
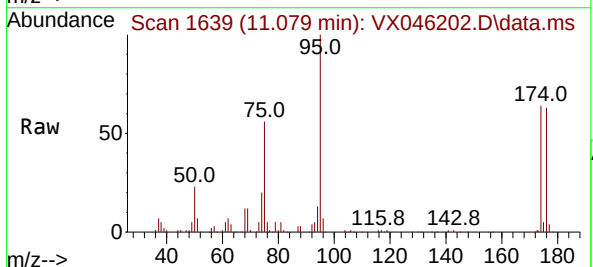
Instrument :
MSVOA_X
ClientSampleId :
VX0515WBL01

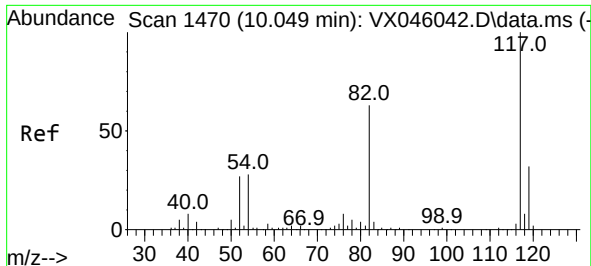
Tgt Ion: 43 Resp: 921
Ion Ratio Lower Upper
43 100
58 172.7 28.9 43.3#



#62
4-Bromofluorobenzene
Concen: 48.946 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046202.D
Acq: 15 May 2025 10:38

Tgt Ion: 95 Resp: 61253
Ion Ratio Lower Upper
95 100
174 67.4 0.0 135.8
176 64.1 0.0 131.4

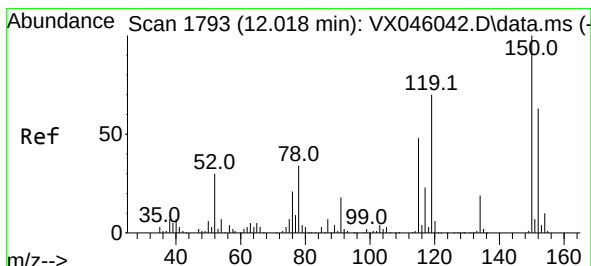
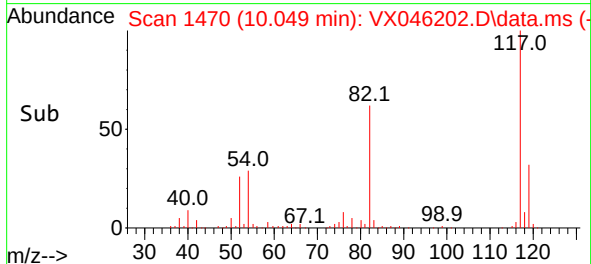
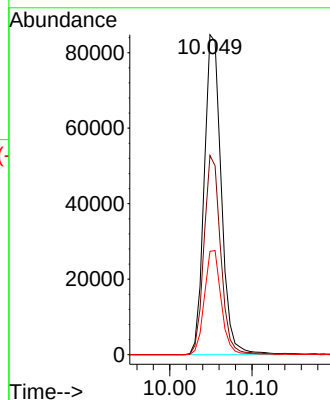
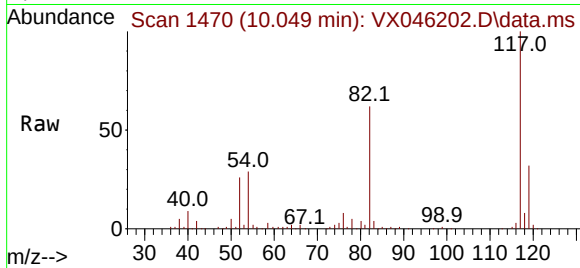




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046202.D
Acq: 15 May 2025 10:38

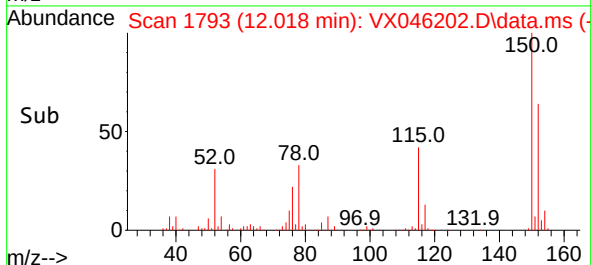
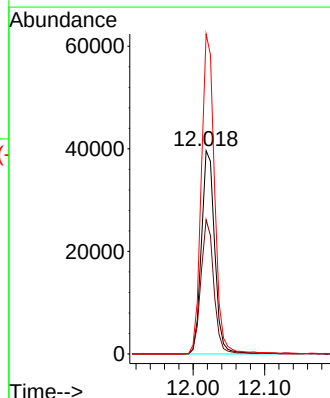
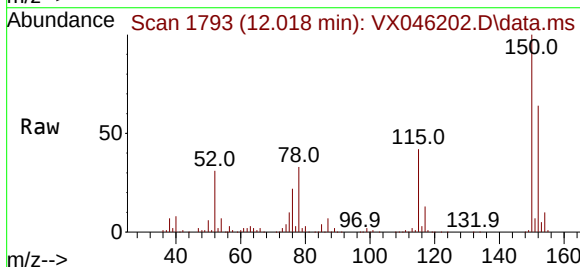
Instrument :
MSVOA_X
ClientSampleId :
VX0515WBL01

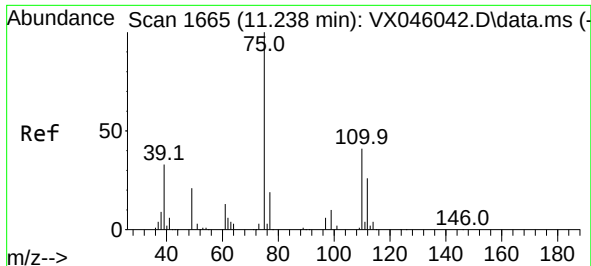
Tgt Ion:117 Resp: 122283
Ion Ratio Lower Upper
117 100
82 62.2 50.6 76.0
119 32.3 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046202.D
Acq: 15 May 2025 10:38

Tgt Ion:152 Resp: 51360
Ion Ratio Lower Upper
152 100
115 64.0 46.9 140.7
150 156.8 0.0 351.0

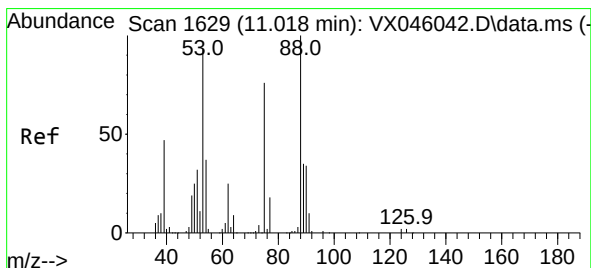
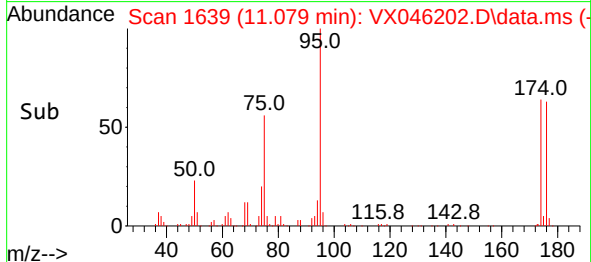
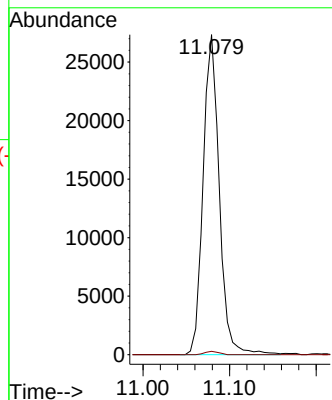
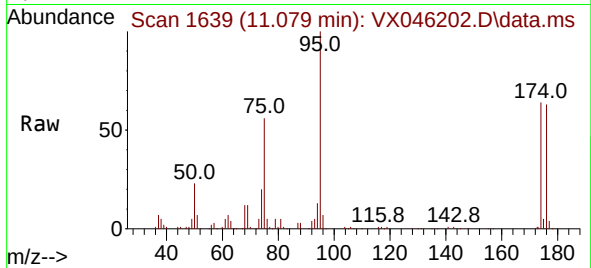




#76
1,2,3-Trichloropropane
Concen: 28.636 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX046202.D
Acq: 15 May 2025 10:38

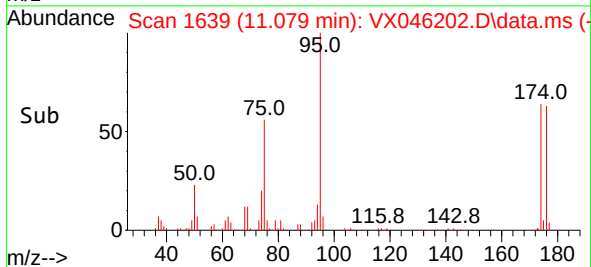
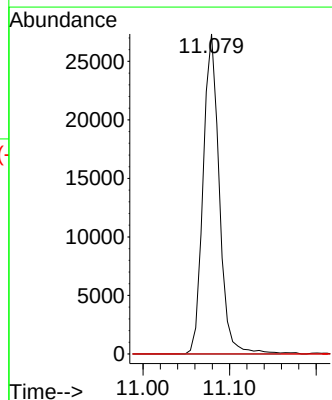
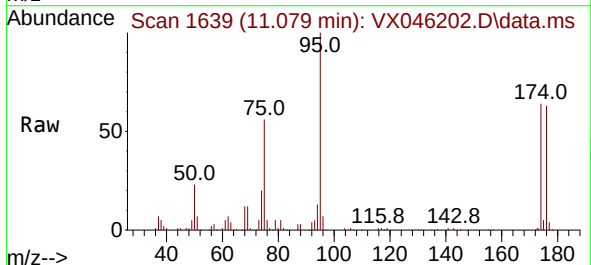
Instrument :
MSVOA_X
ClientSampleId :
VX0515WBL01

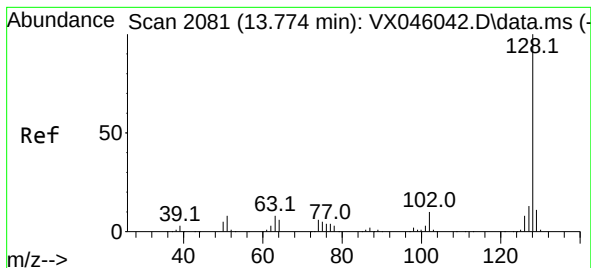
Tgt Ion: 75 Resp: 35402
Ion Ratio Lower Upper
75 100
77 0.9 20.5 61.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 93.231 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX046202.D
Acq: 15 May 2025 10:38

Tgt Ion: 75 Resp: 35402
Ion Ratio Lower Upper
75 100
53 0.0 100.5 150.7#
89 0.0 37.0 55.6#





#95

Naphthalene

Concen: 0.287 ug/l

RT: 13.786 min Scan# 20

Delta R.T. 0.012 min

Lab File: VX046202.D

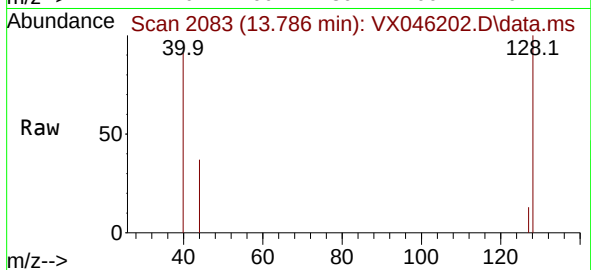
Acq: 15 May 2025 10:38

Instrument :

MSVOA_X

ClientSampleId :

VX0515WBL01



Tgt Ion:128 Resp: 1027

Ion Ratio Lower Upper

128 100

127 5.1 10.4 15.6#

129 0.0 8.6 13.0#

