

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051525\
 Data File : VX046215.D
 Acq On : 15 May 2025 15:44
 Operator : JC/MD
 Sample : Q2050-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-182-DUP-20250514

Quant Time: May 16 01:07:16 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)

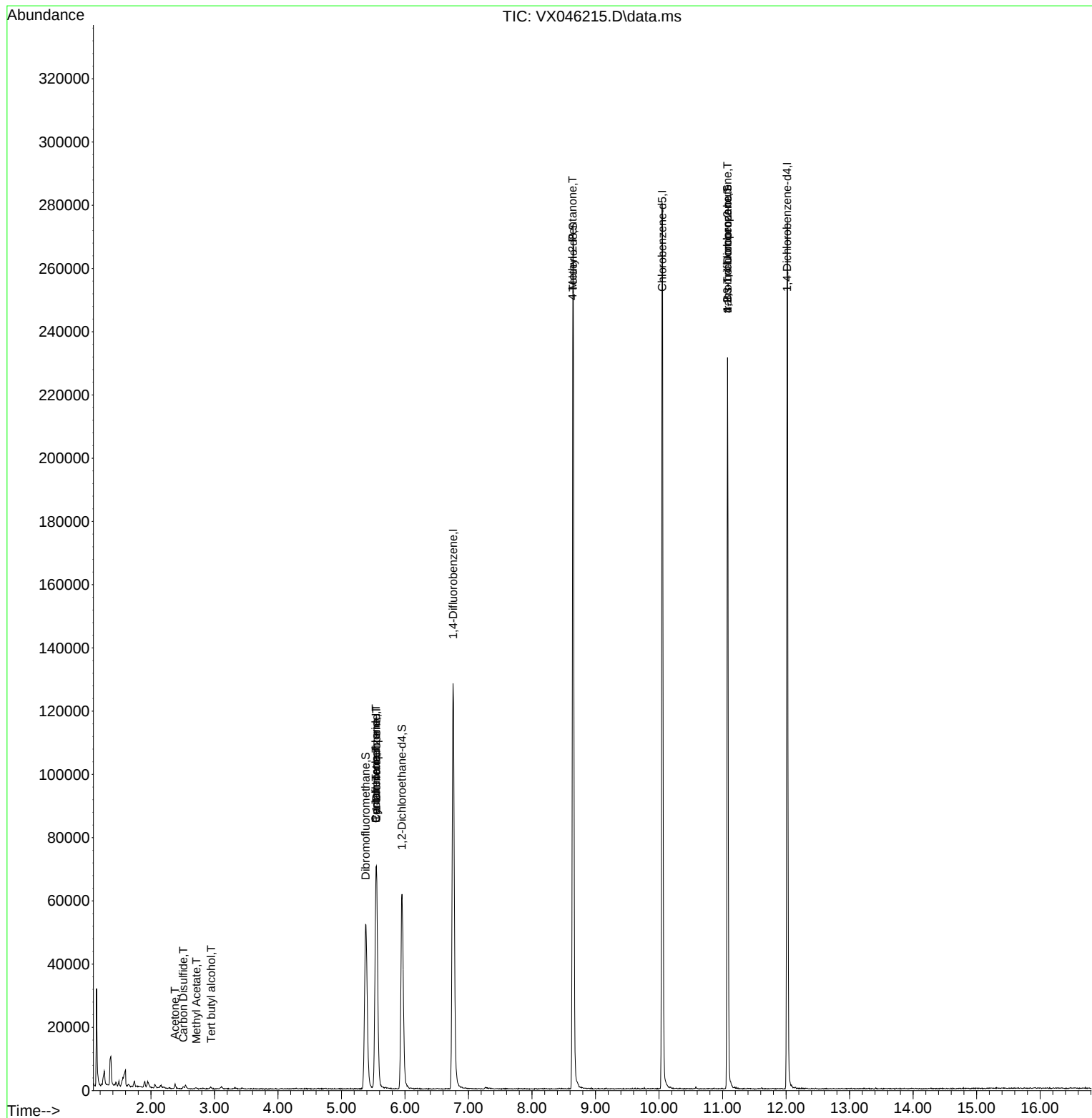
Internal Standards						
1) Pentafluorobenzene	5.544	168	61073	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	122275	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	116802	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	50006	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63331	55.622	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.240%			
35) Dibromofluoromethane	5.379	113	45823	52.041	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.080%			
50) Toluene-d8	8.647	98	154226	50.606	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.220%			
62) 4-Bromofluorobenzene	11.079	95	60054	51.372	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 102.740%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.947	59	226	1.414	ug/l #	72
16) Acetone	2.380	43	1288	2.821	ug/l	92
17) Carbon Disulfide	2.508	76	679	0.395	ug/l #	76
18) Methyl Acetate	2.715	43	268	0.253	ug/l #	55
31) Cyclohexane	5.544	56	2008	1.480	ug/l #	46
36) 1,1-Dichloropropene	5.550	75	6076	5.136	ug/l #	49
38) Carbon Tetrachloride	5.544	117	7531	5.666	ug/l #	16
51) 4-Methyl-2-Pentanone	8.641	43	939	0.634	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	34553	28.706	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	34553	93.459	ug/l #	1

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

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BP-VPB-182-DUP-20250514

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Response via : Initial Calibration

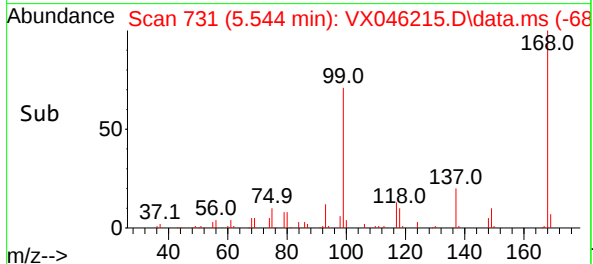
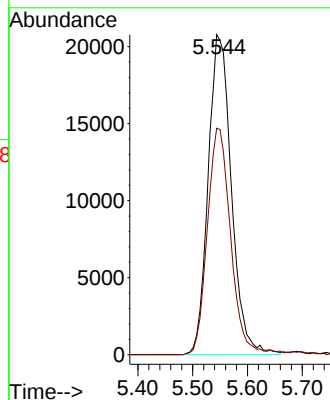
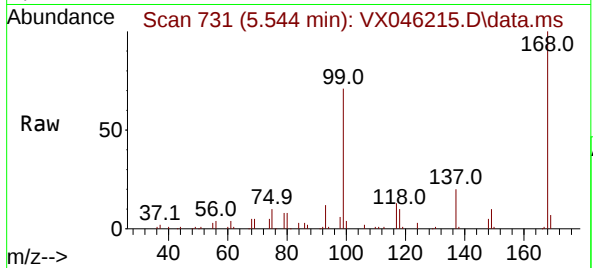




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046215.D
Acq: 15 May 2025 15:44

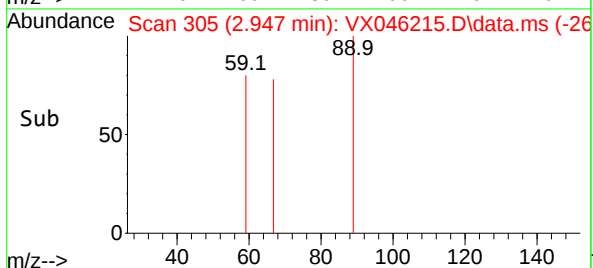
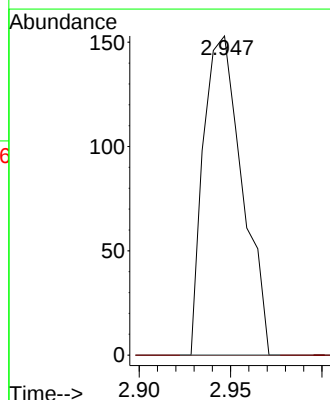
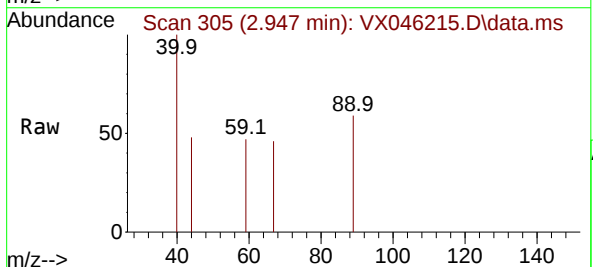
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-DUP-20250514

Tgt Ion:168 Resp: 61073
Ion Ratio Lower Upper
168 100
99 70.8 54.9 82.3



#11
Tert butyl alcohol
Concen: 1.414 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.030 min
Lab File: VX046215.D
Acq: 15 May 2025 15:44

Tgt Ion: 59 Resp: 226
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#

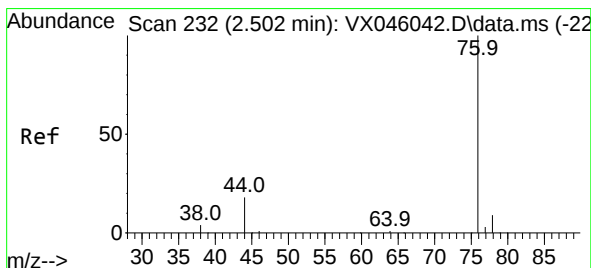
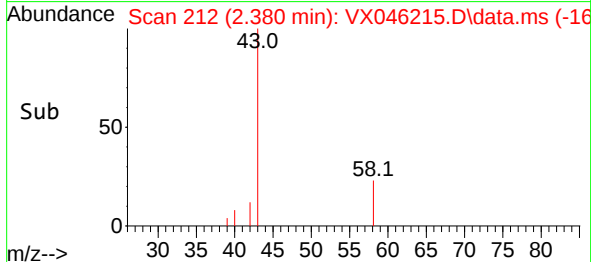
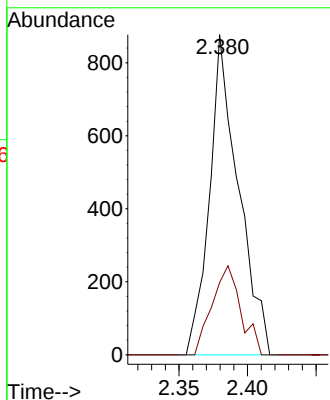
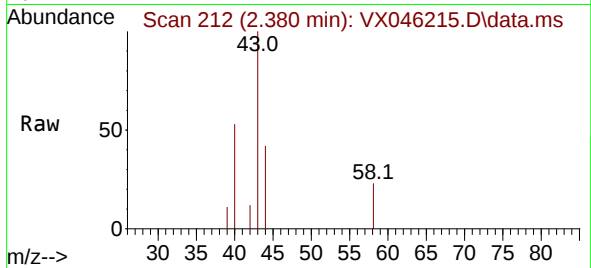




#16
Acetone
Concen: 2.821 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX046215.D
Acq: 15 May 2025 15:44

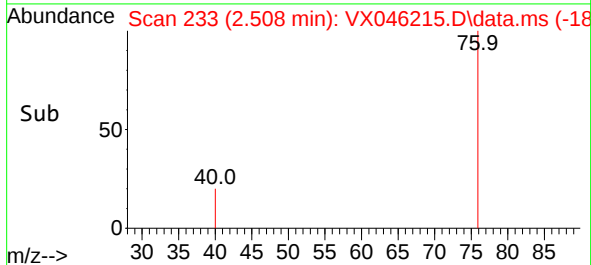
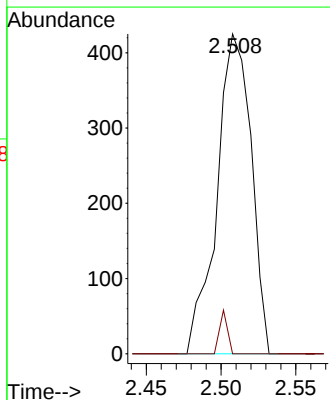
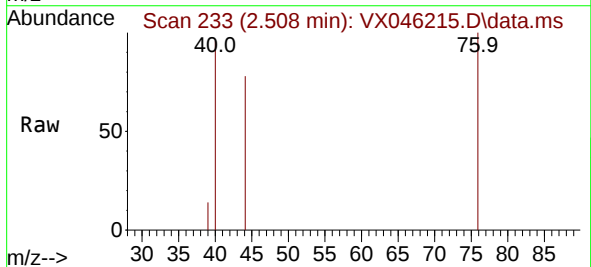
Instrument : MSVOA_X
ClientSampleId : BP-VPB-182-DUP-20250514

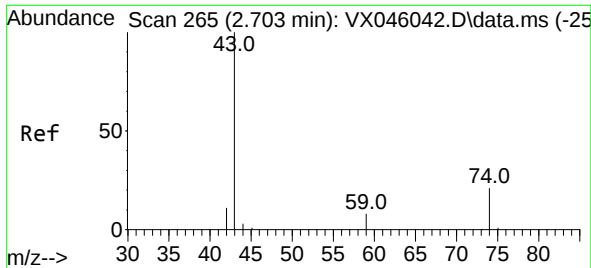
Tgt Ion: 43 Resp: 1288
Ion Ratio Lower Upper
43 100
58 22.6 21.2 31.8



#17
Carbon Disulfide
Concen: 0.395 ug/l
RT: 2.508 min Scan# 233
Delta R.T. 0.006 min
Lab File: VX046215.D
Acq: 15 May 2025 15:44

Tgt Ion: 76 Resp: 679
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.4#

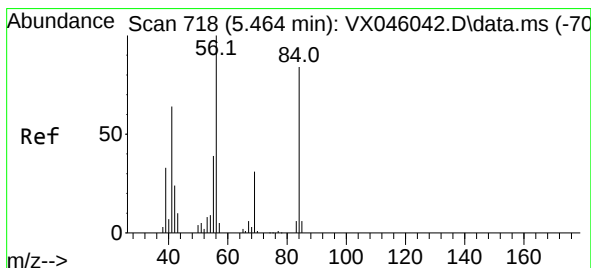
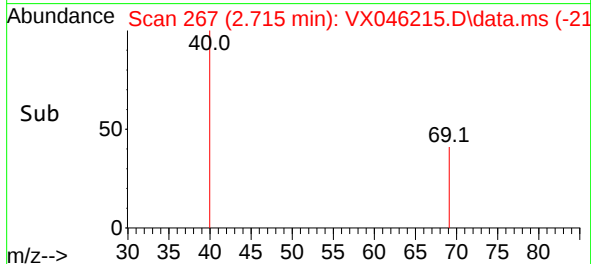
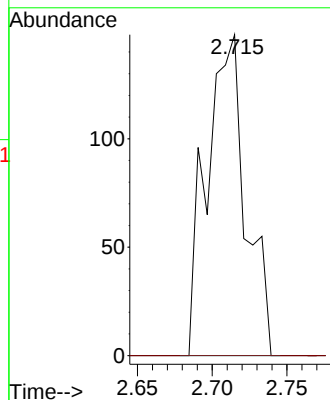
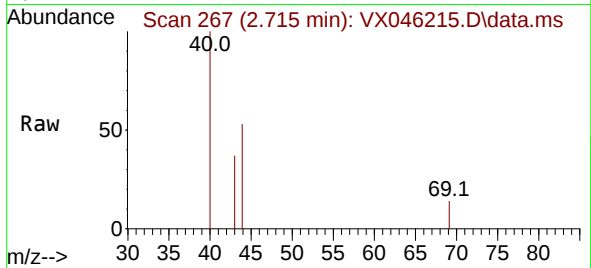




#18
Methyl Acetate
Concen: 0.253 ug/l
RT: 2.715 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX046215.D
Acq: 15 May 2025 15:44

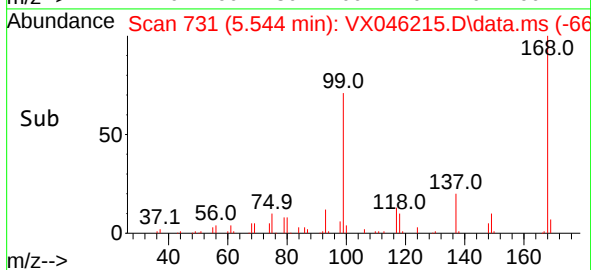
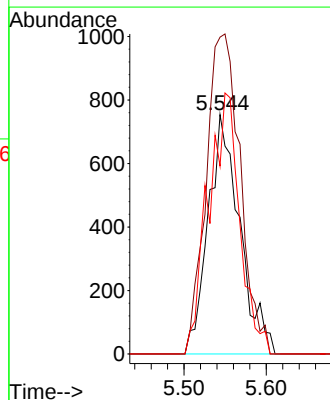
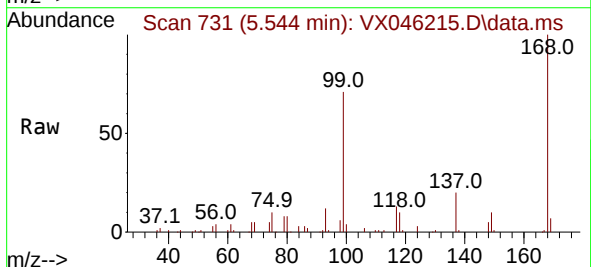
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-DUP-20250514

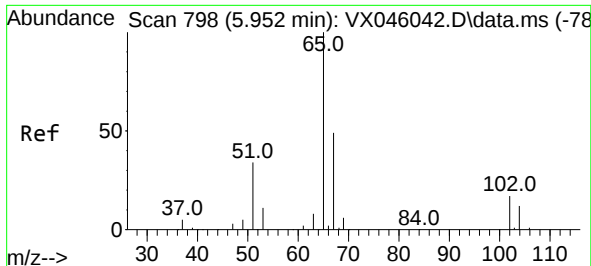
Tgt Ion: 43 Resp: 268
Ion Ratio Lower Upper
43 100
74 0.0 16.7 25.1#



#31
Cyclohexane
Concen: 1.480 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.079 min
Lab File: VX046215.D
Acq: 15 May 2025 15:44

Tgt Ion: 56 Resp: 2008
Ion Ratio Lower Upper
56 100
69 132.4 24.4 36.6#
84 78.5 66.9 100.3





#33

1,2-Dichloroethane-d4

Concen: 55.622 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX046215.D

Acq: 15 May 2025 15:44

Instrument :

MSVOA_X

ClientSampleId :

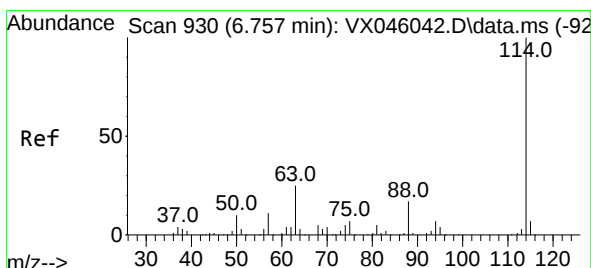
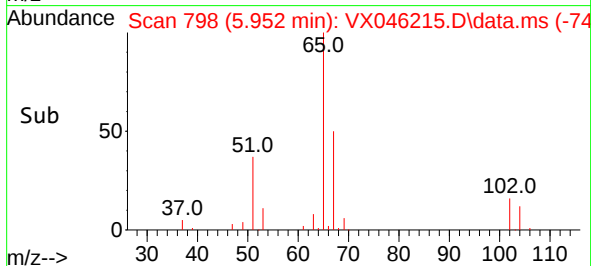
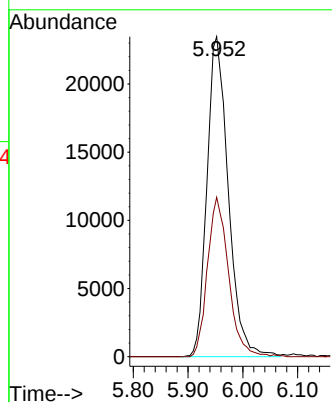
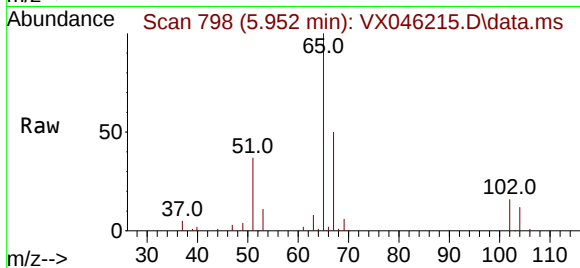
BP-VPB-182-DUP-20250514

Tgt Ion: 65 Resp: 63331

Ion Ratio Lower Upper

65 100

67 49.1 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: VX046215.D

Acq: 15 May 2025 15:44

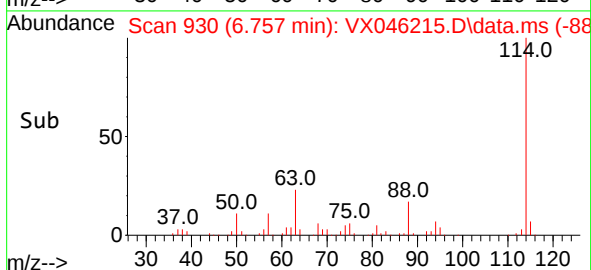
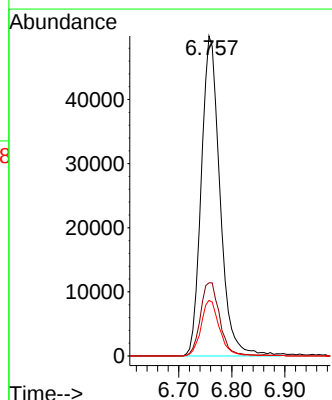
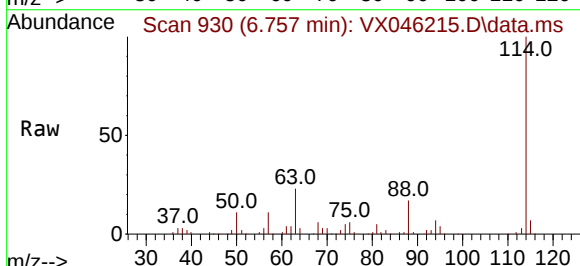
Tgt Ion: 114 Resp: 122275

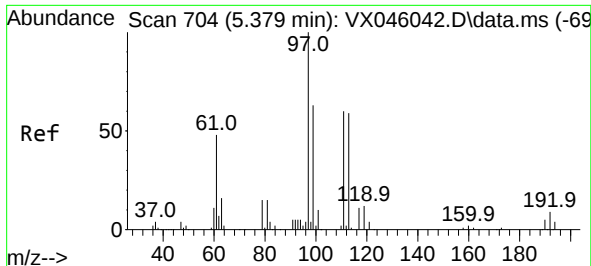
Ion Ratio Lower Upper

114 100

63 22.9 0.0 49.2

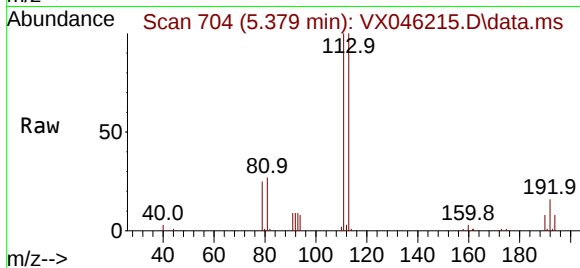
88 17.3 0.0 33.6



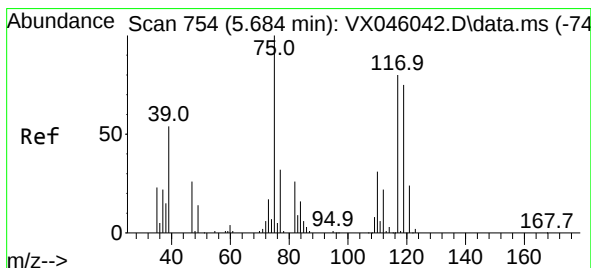
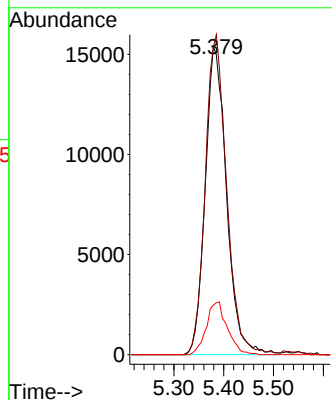
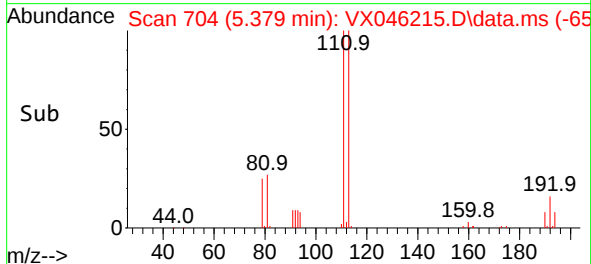


#35
Dibromofluoromethane
Concen: 52.041 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX046215.D
Acq: 15 May 2025 15:44

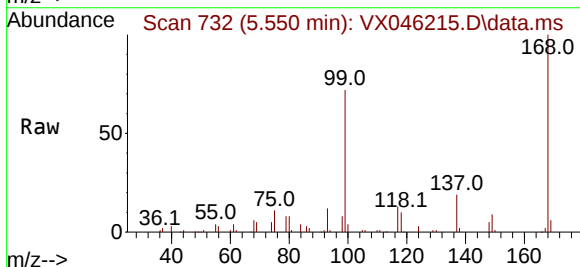
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-DUP-20250514



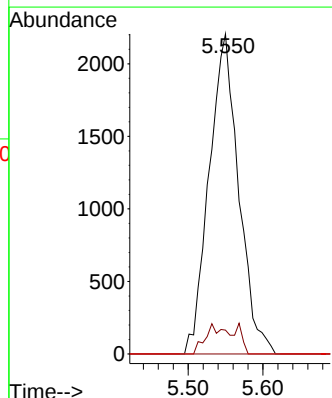
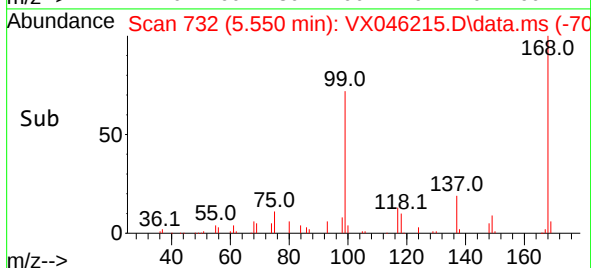
Tgt Ion:113 Resp: 45823
Ion Ratio Lower Upper
113 100
111 103.6 83.1 124.7
192 16.8 13.3 19.9

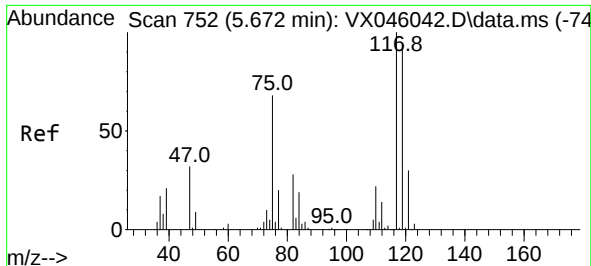


#36
1,1-Dichloropropene
Concen: 5.136 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX046215.D
Acq: 15 May 2025 15:44



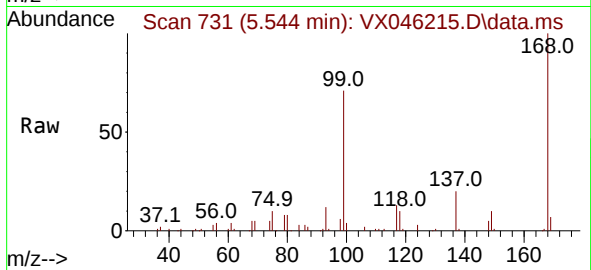
Tgt Ion: 75 Resp: 6076
Ion Ratio Lower Upper
75 100
110 6.6 16.3 48.9#
77 0.0 24.3 36.5#



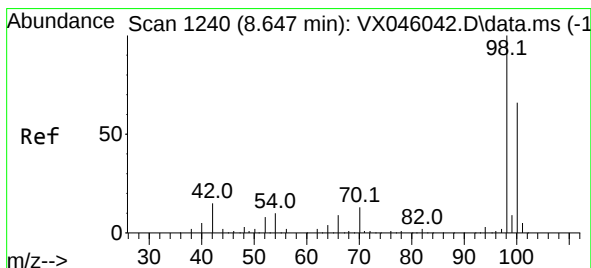
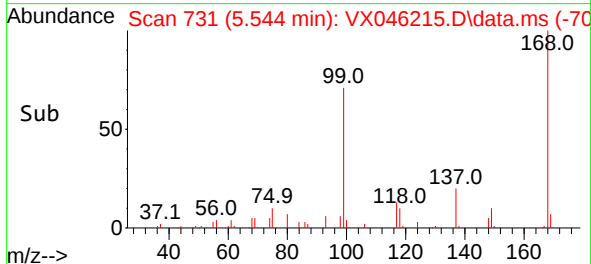
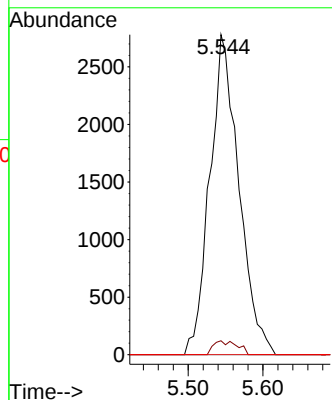


#38
Carbon Tetrachloride
Concen: 5.666 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX046215.D
Acq: 15 May 2025 15:44

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-DUP-20250514

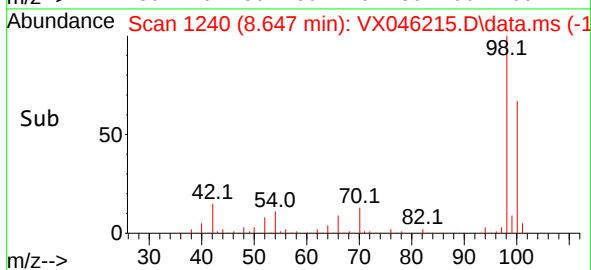
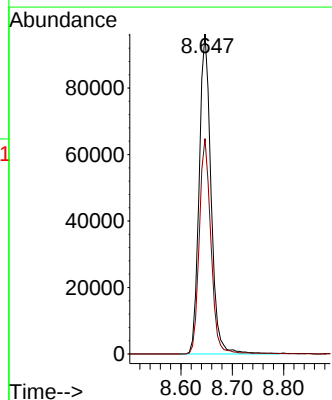
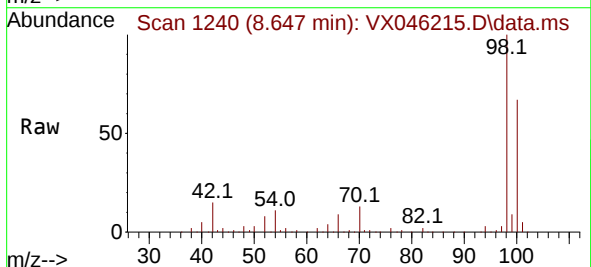


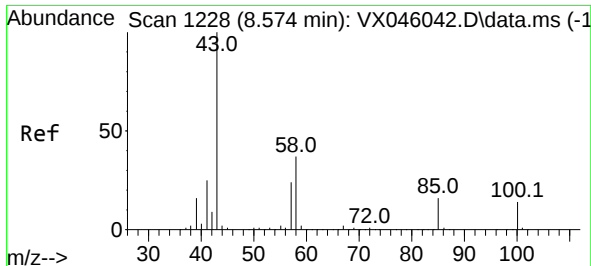
Tgt Ion:117 Resp: 7531
Ion Ratio Lower Upper
117 100
119 4.4 75.2 112.8#
121 0.0 24.2 36.4#



#50
Toluene-d8
Concen: 50.606 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX046215.D
Acq: 15 May 2025 15:44

Tgt Ion: 98 Resp: 154226
Ion Ratio Lower Upper
98 100
100 65.8 53.5 80.3

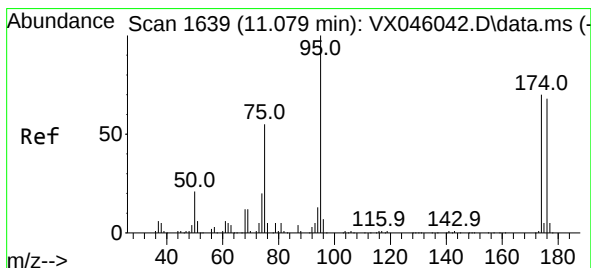
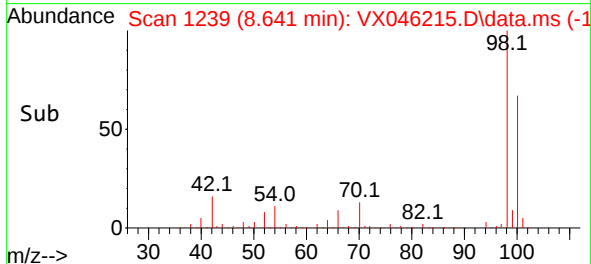
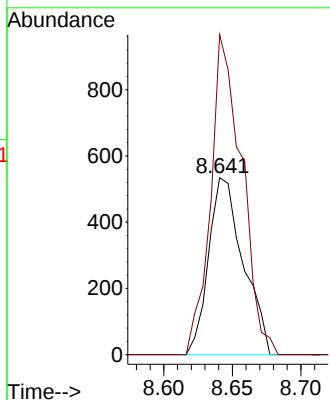
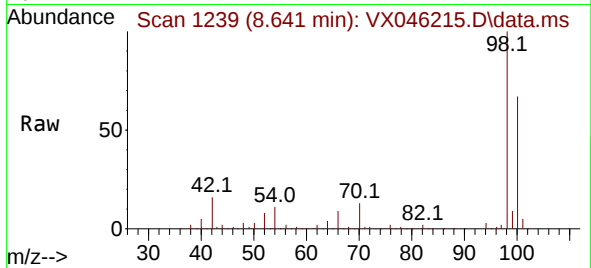




#51
4-Methyl-2-Pentanone
Concen: 0.634 ug/l
RT: 8.641 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX046215.D
Acq: 15 May 2025 15:44

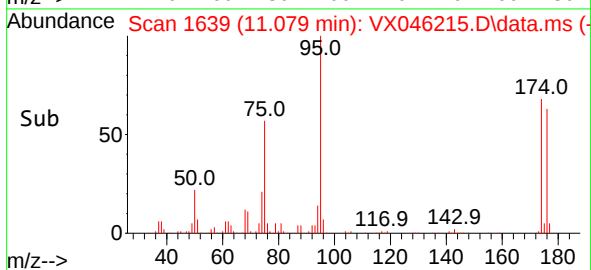
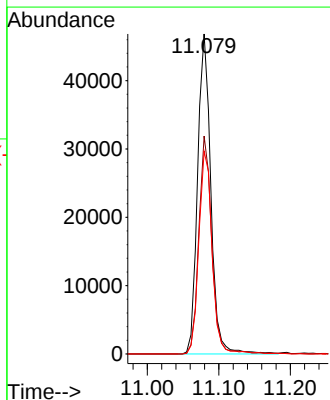
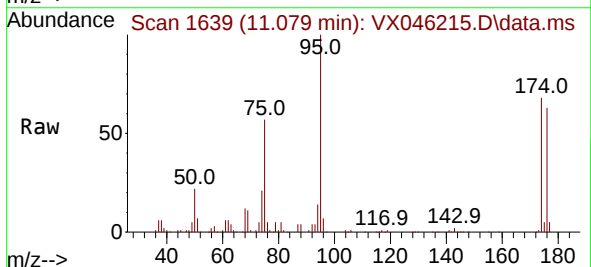
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-DUP-20250514

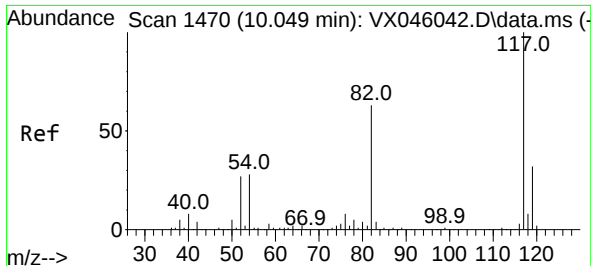
Tgt Ion: 43 Resp: 939
Ion Ratio Lower Upper
43 100
58 162.7 28.9 43.3#



#62
4-Bromofluorobenzene
Concen: 51.372 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046215.D
Acq: 15 May 2025 15:44

Tgt Ion: 95 Resp: 60054
Ion Ratio Lower Upper
95 100
174 66.7 0.0 135.8
176 63.9 0.0 131.4

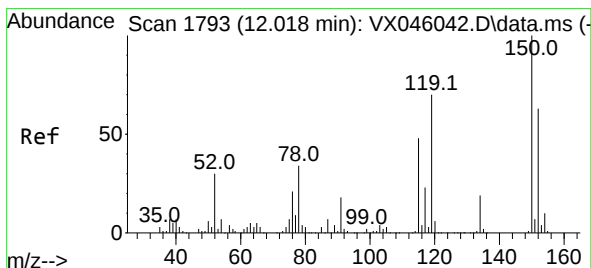
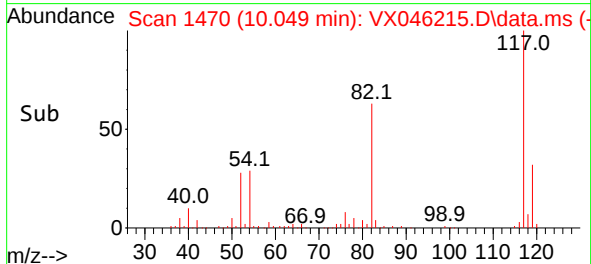
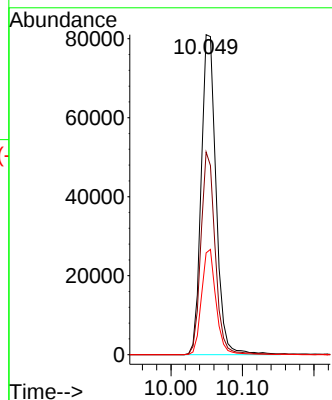
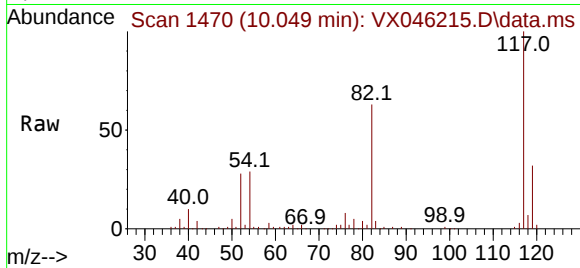




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX046215.D
Acq: 15 May 2025 15:44

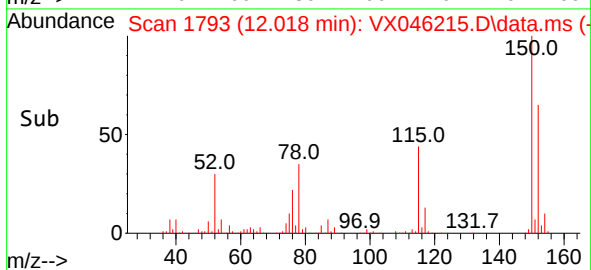
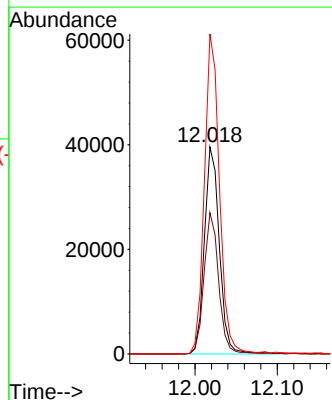
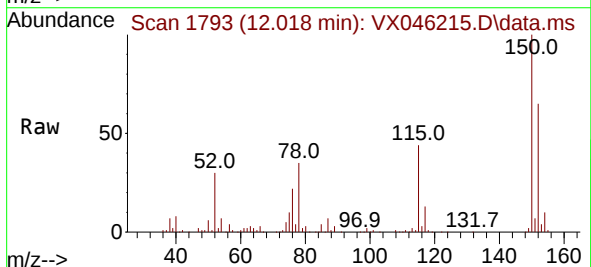
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-DUP-20250514

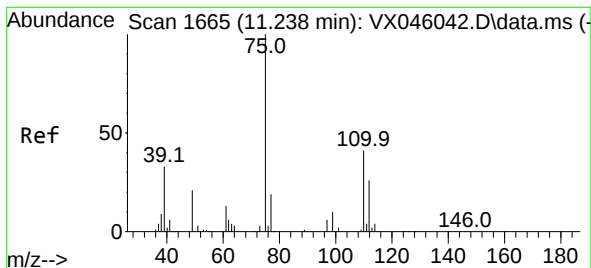
Tgt Ion:117 Resp: 116802
Ion Ratio Lower Upper
117 100
82 63.3 50.6 76.0
119 31.8 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046215.D
Acq: 15 May 2025 15:44

Tgt Ion:152 Resp: 50006
Ion Ratio Lower Upper
152 100
115 66.8 46.9 140.7
150 156.5 0.0 351.0





#76

1,2,3-Trichloropropane

Concen: 28.706 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.159 min

Lab File: VX046215.D

Acq: 15 May 2025 15:44

Instrument :

MSVOA_X

ClientSampleId :

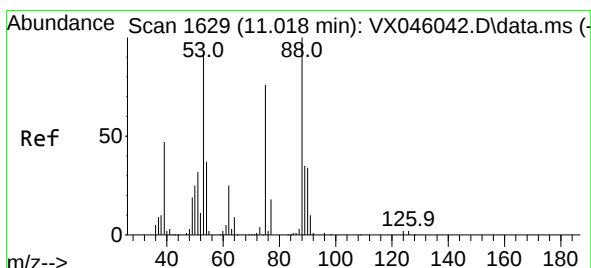
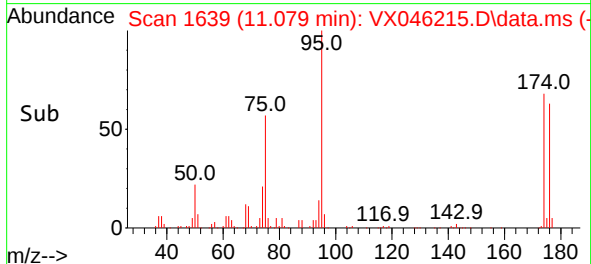
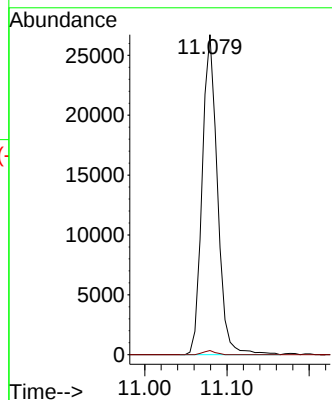
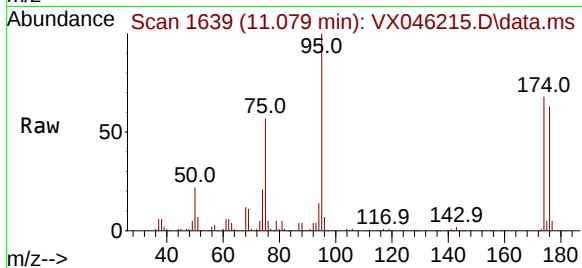
BP-VPB-182-DUP-20250514

Tgt Ion: 75 Resp: 34553

Ion Ratio Lower Upper

75 100

77 1.0 20.5 61.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 93.459 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX046215.D

Acq: 15 May 2025 15:44

Tgt Ion: 75 Resp: 34553

Ion Ratio Lower Upper

75 100

53 0.0 100.5 150.7#

89 0.0 37.0 55.6#

