

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052325\
 Data File : VX046339.D
 Acq On : 23 May 2025 12:56
 Operator : JC/MD
 Sample : Q2120-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-182-EB-20250522

Quant Time: May 23 23:00:55 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)

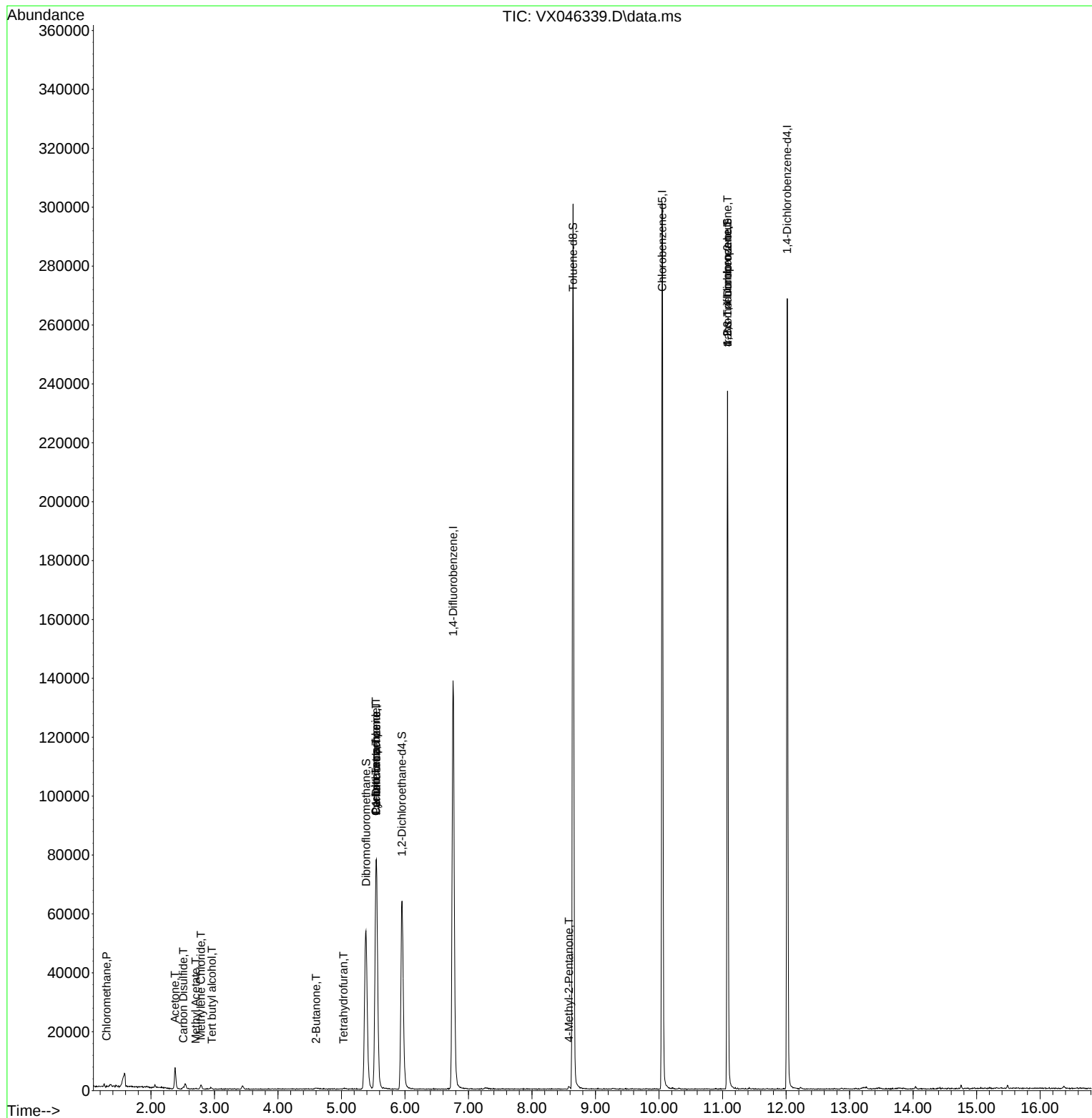
Internal Standards						
1) Pentafluorobenzene	5.550	168	66594	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	132414	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	122467	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	49173	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	65571	52.815	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.620%			
35) Dibromofluoromethane	5.385	113	47284	49.589	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.180%			
50) Toluene-d8	8.647	98	163179	49.444	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.880%			
62) 4-Bromofluorobenzene	11.079	95	62331	49.237	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 98.480%			
Target Compounds						Qvalue
3) Chloromethane	1.301	50	211	0.213	ug/l #	43
11) Tert butyl alcohol	2.959	59	234	1.343	ug/l #	72
16) Acetone	2.380	43	7404	14.874	ug/l	96
17) Carbon Disulfide	2.508	76	781	0.417	ug/l #	76
18) Methyl Acetate	2.703	43	396	0.343	ug/l #	55
20) Methylene Chloride	2.788	84	670	0.702	ug/l	88
25) 2-Butanone	4.599	43	867	1.200	ug/l #	53
29) Tetrahydrofuran	5.032	42	116	0.256	ug/l #	35
31) Cyclohexane	5.544	56	2053	1.388	ug/l #	39
36) 1,1-Dichloropropene	5.544	75	6661	5.199	ug/l #	53
38) Carbon Tetrachloride	5.544	117	8233	5.719	ug/l #	19
51) 4-Methyl-2-Pentanone	8.580	43	696	0.434	ug/l	92
76) 1,2,3-Trichloropropane	11.079	75	35801	30.247	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	35801	98.475	ug/l #	1

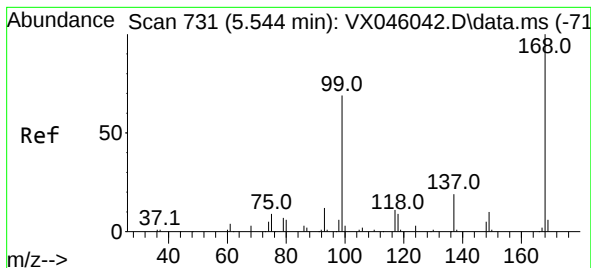
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.550 min Scan# 71

Delta R.T. 0.006 min

Lab File: VX046339.D

Acq: 23 May 2025 12:56

Instrument :

MSVOA_X

ClientSampleId :

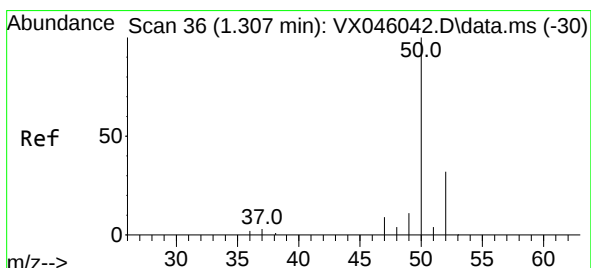
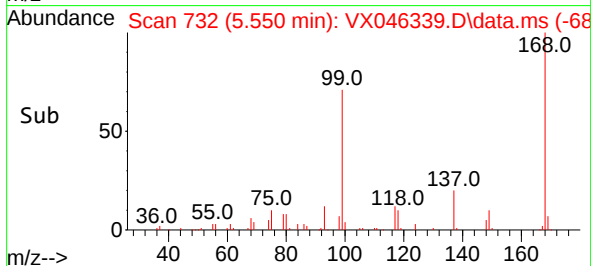
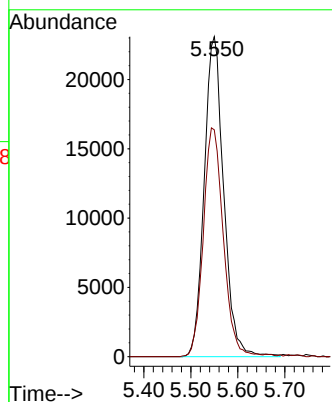
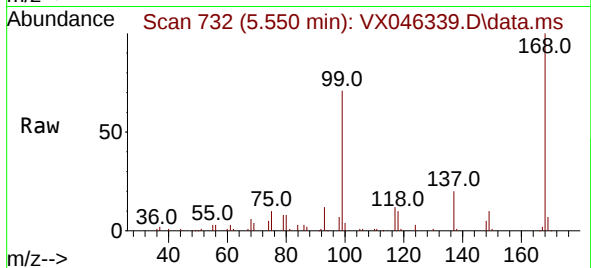
BP-VPB-182-EB-20250522

Tgt Ion:168 Resp: 66594

Ion Ratio Lower Upper

168 100

99 70.9 54.9 82.3



#3

Chloromethane

Concen: 0.213 ug/l

RT: 1.301 min Scan# 35

Delta R.T. -0.006 min

Lab File: VX046339.D

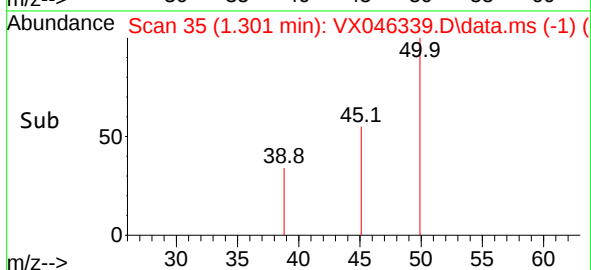
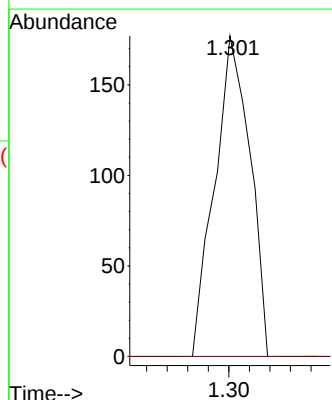
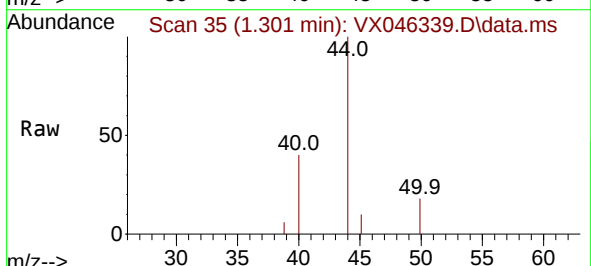
Acq: 23 May 2025 12:56

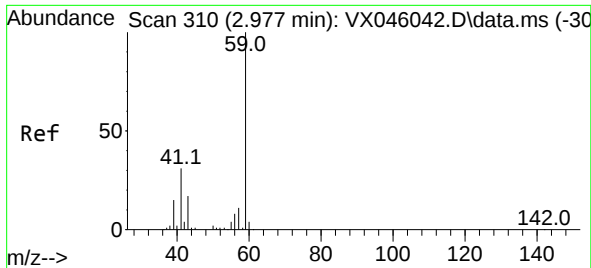
Tgt Ion: 50 Resp: 211

Ion Ratio Lower Upper

50 100

52 0.0 25.4 38.2#

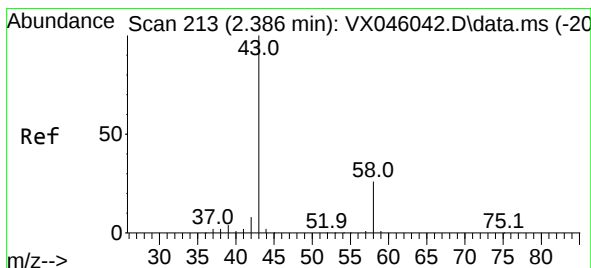
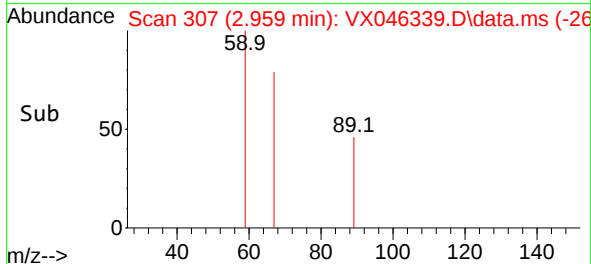
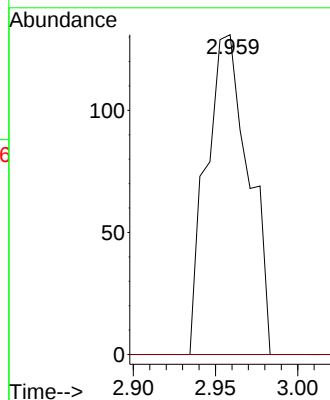
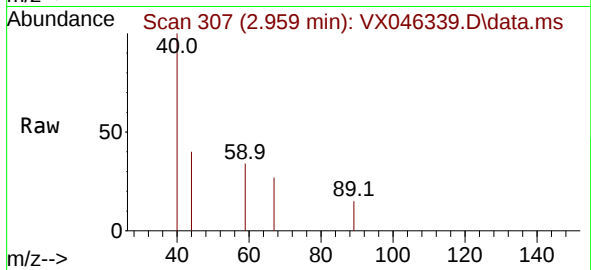




#11
Tert butyl alcohol
Concen: 1.343 ug/l
RT: 2.959 min Scan# 30
Delta R.T. -0.018 min
Lab File: VX046339.D
Acq: 23 May 2025 12:56

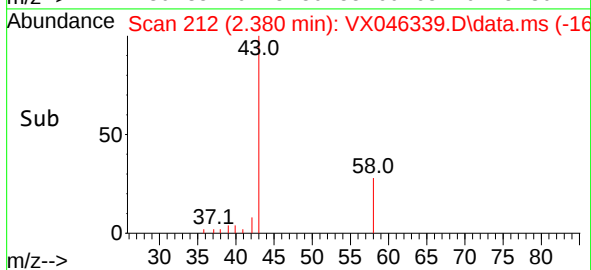
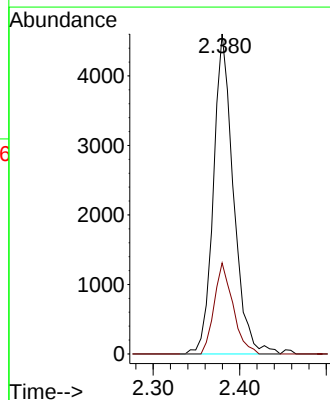
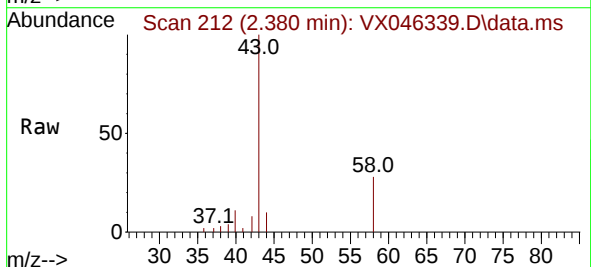
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-EB-20250522

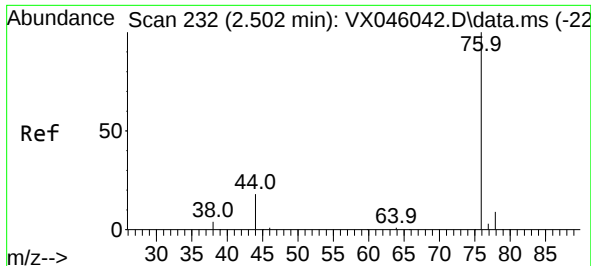
Tgt Ion: 59 Resp: 234
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#



#16
Acetone
Concen: 14.874 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX046339.D
Acq: 23 May 2025 12:56

Tgt Ion: 43 Resp: 7404
Ion Ratio Lower Upper
43 100
58 28.4 21.2 31.8





#17

Carbon Disulfide

Concen: 0.417 ug/l

RT: 2.508 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX046339.D

Acq: 23 May 2025 12:56

Instrument :

MSVOA_X

ClientSampleId :

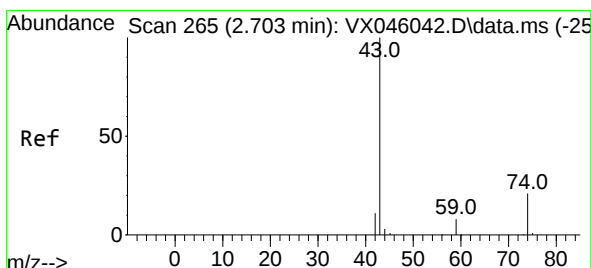
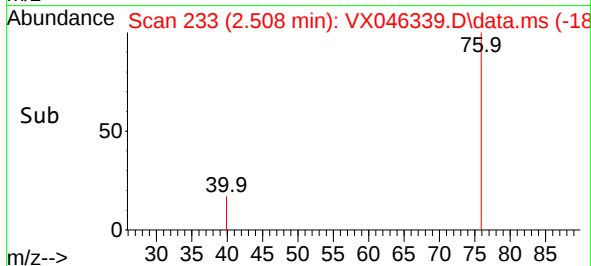
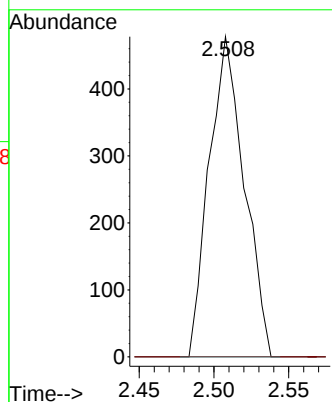
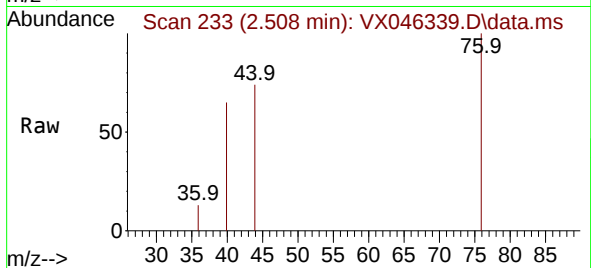
BP-VPB-182-EB-20250522

Tgt Ion: 76 Resp: 781

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.4#



#18

Methyl Acetate

Concen: 0.343 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX046339.D

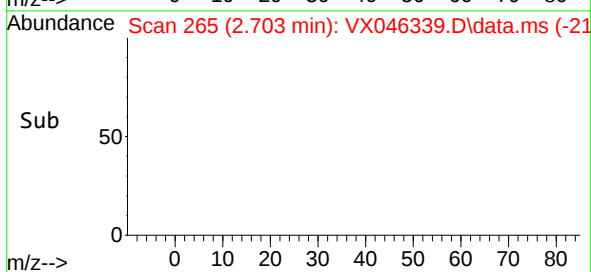
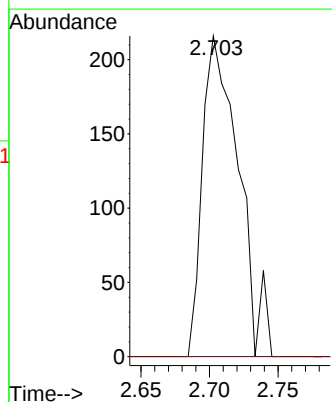
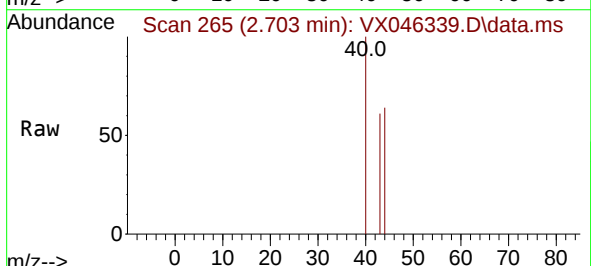
Acq: 23 May 2025 12:56

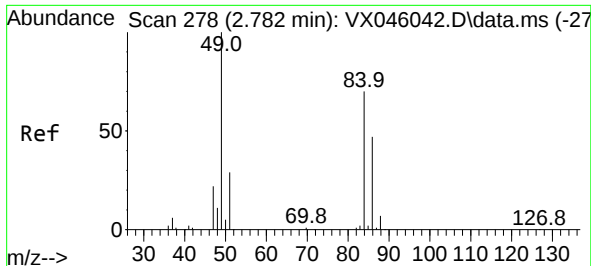
Tgt Ion: 43 Resp: 396

Ion Ratio Lower Upper

43 100

74 0.0 16.7 25.1#



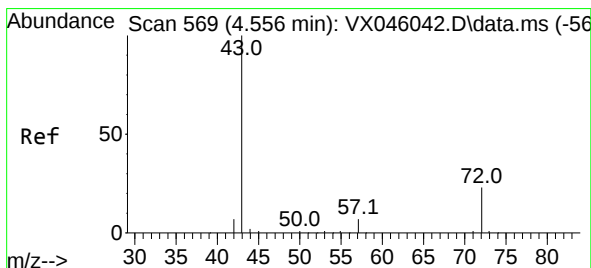
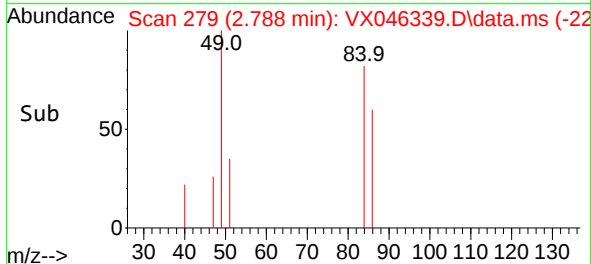
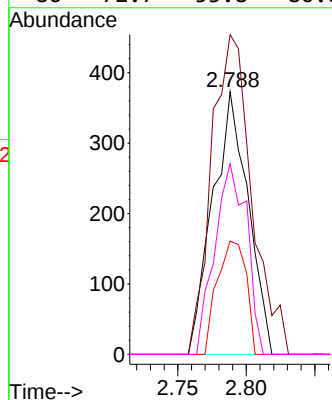
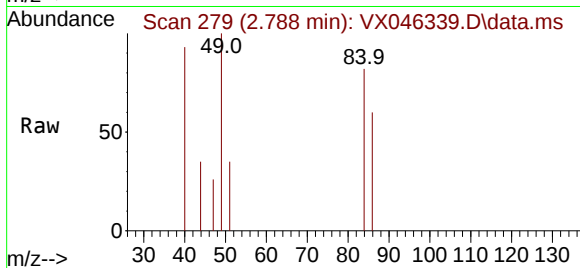


#20
Methylene Chloride
Concen: 0.702 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX046339.D
Acq: 23 May 2025 12:56

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-EB-20250522

Tgt Ion: 84 Resp: 670

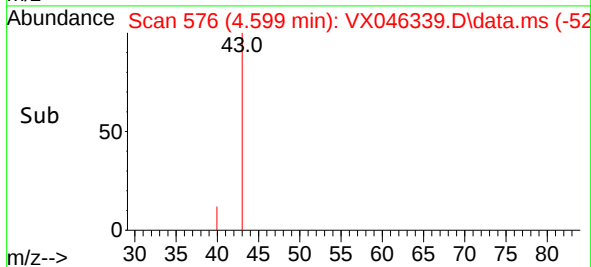
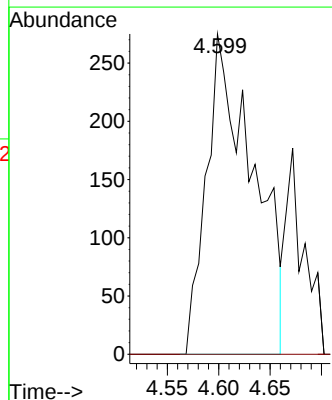
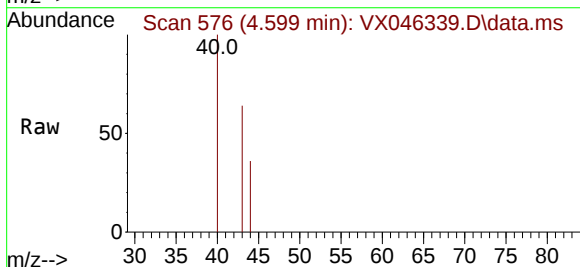
Ion	Ratio	Lower	Upper
84	100		
49	121.7	113.9	170.9
51	43.2	33.5	50.3
86	72.7	53.8	80.8

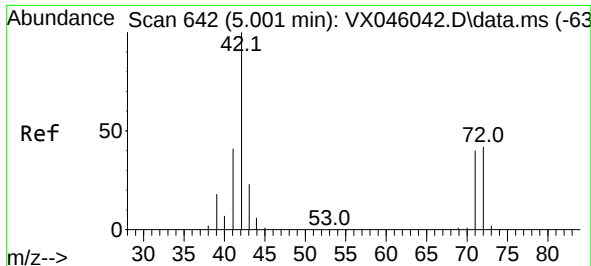


#25
2-Butanone
Concen: 1.200 ug/l
RT: 4.599 min Scan# 576
Delta R.T. 0.043 min
Lab File: VX046339.D
Acq: 23 May 2025 12:56

Tgt Ion: 43 Resp: 867

Ion	Ratio	Lower	Upper
43	100		
72	0.0	18.4	27.6#





#29

Tetrahydrofuran

Concen: 0.256 ug/l

RT: 5.032 min Scan# 642

Delta R.T. 0.030 min

Lab File: VX046339.D

Acq: 23 May 2025 12:56

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-182-EB-20250522

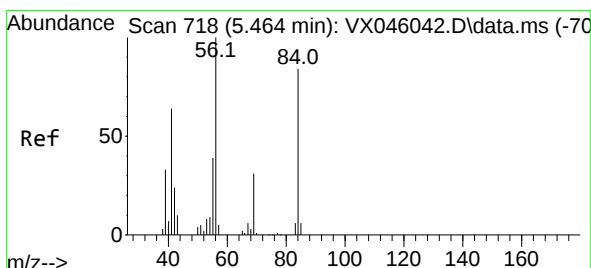
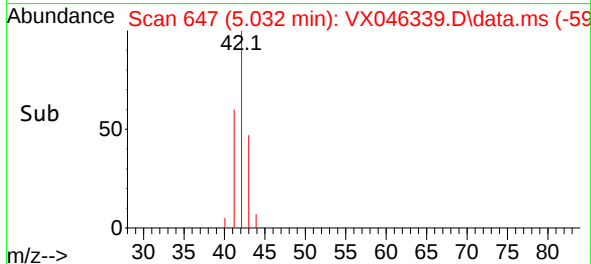
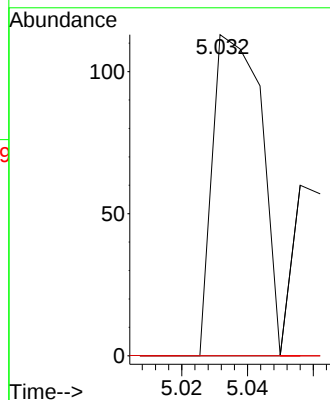
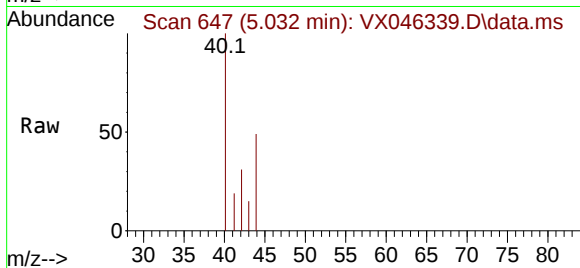
Tgt Ion: 42 Resp: 116

Ion Ratio Lower Upper

42 100

72 0.0 33.7 50.5#

71 0.0 31.4 47.2#



#31

Cyclohexane

Concen: 1.388 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.079 min

Lab File: VX046339.D

Acq: 23 May 2025 12:56

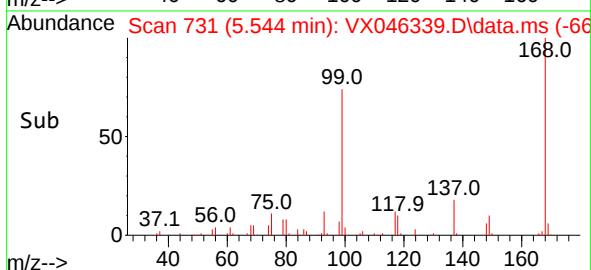
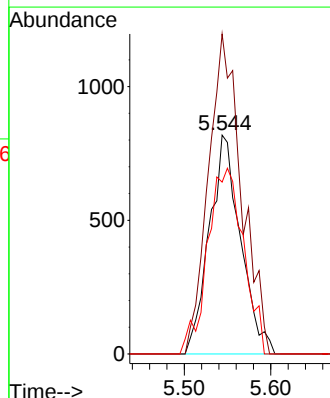
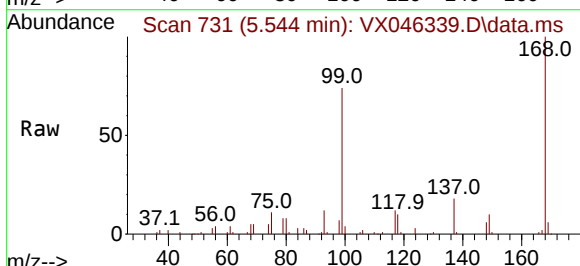
Tgt Ion: 56 Resp: 2053

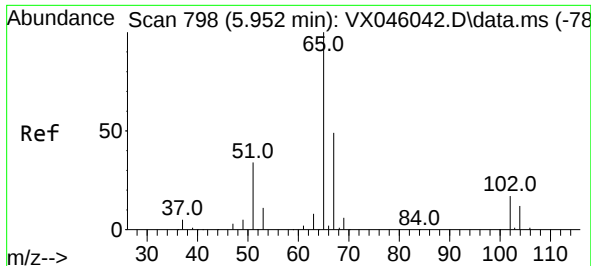
Ion Ratio Lower Upper

56 100

69 146.2 24.4 36.6#

84 78.5 66.9 100.3





#33

1,2-Dichloroethane-d4

Concen: 52.815 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX046339.D

Acq: 23 May 2025 12:56

Instrument :

MSVOA_X

ClientSampleId :

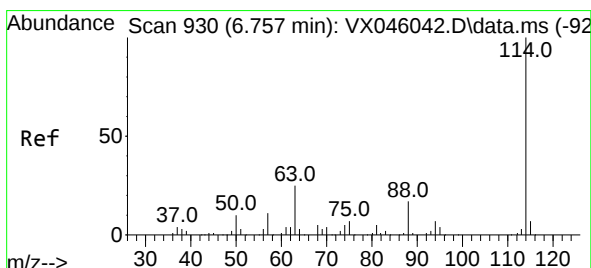
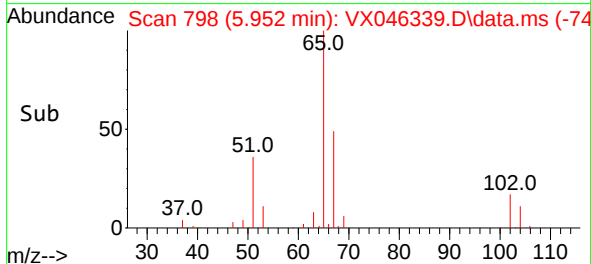
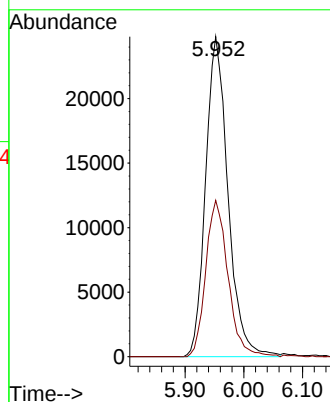
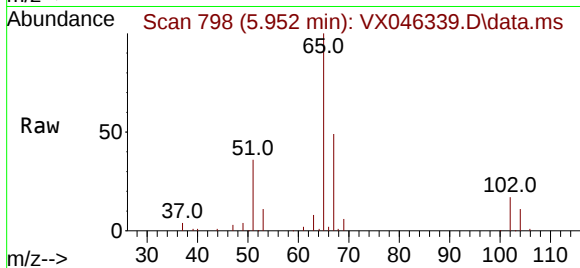
BP-VPB-182-EB-20250522

Tgt Ion: 65 Resp: 65571

Ion Ratio Lower Upper

65 100

67 48.7 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: VX046339.D

Acq: 23 May 2025 12:56

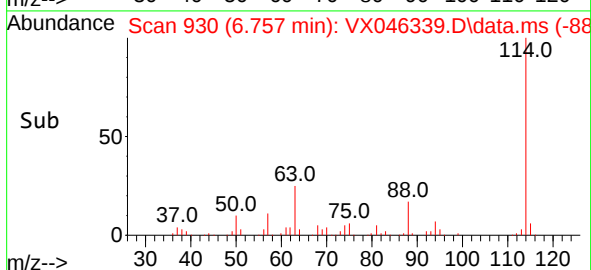
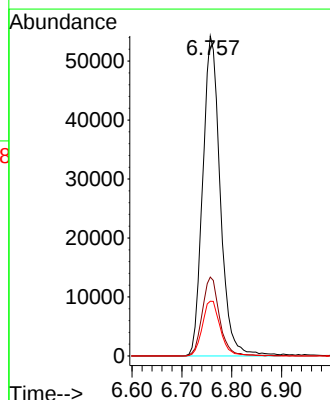
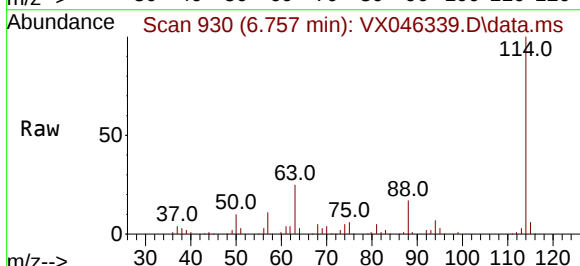
Tgt Ion: 114 Resp: 132414

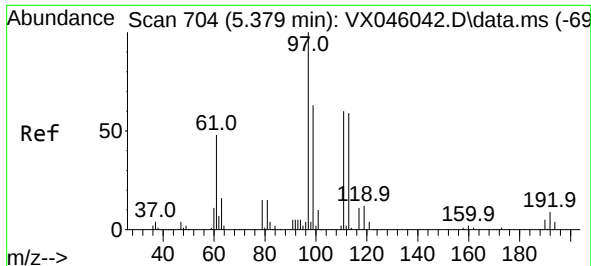
Ion Ratio Lower Upper

114 100

63 24.7 0.0 49.2

88 17.1 0.0 33.6

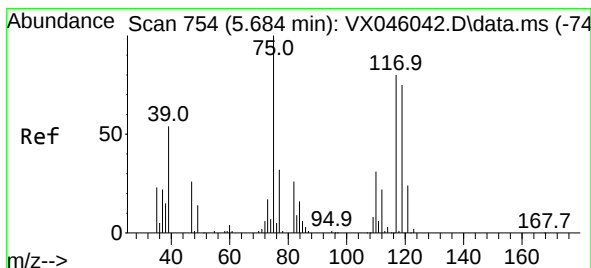
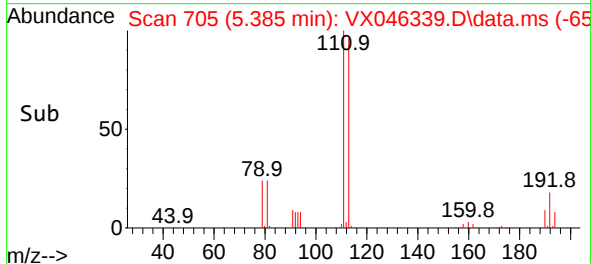
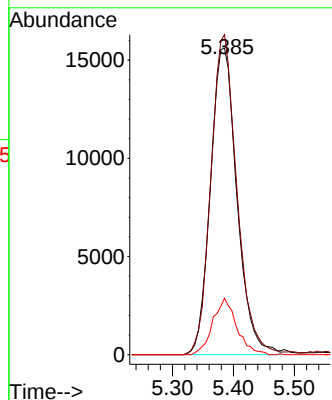
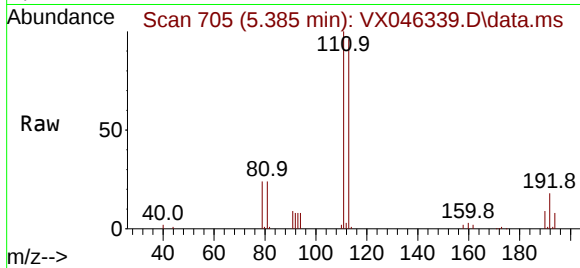




#35
Dibromofluoromethane
Concen: 49.589 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX046339.D
Acq: 23 May 2025 12:56

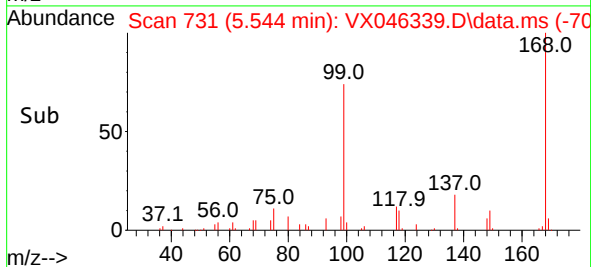
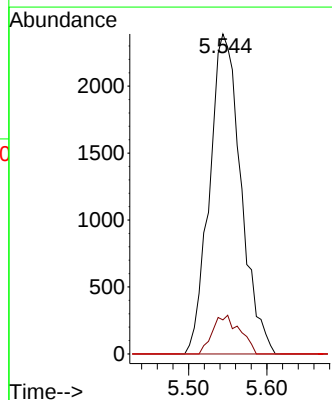
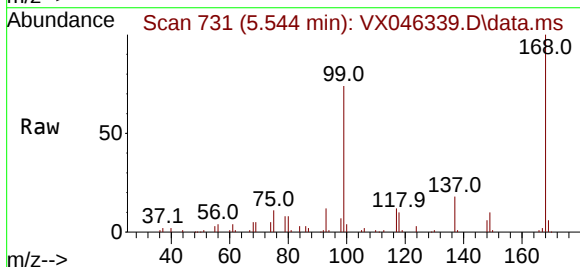
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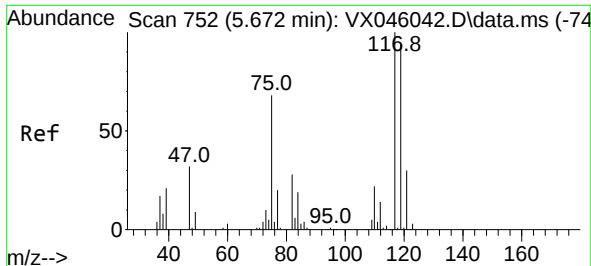
Tgt Ion:113 Resp: 47284
Ion Ratio Lower Upper
113 100
111 102.4 83.1 124.7
192 16.6 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.199 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.140 min
Lab File: VX046339.D
Acq: 23 May 2025 12:56

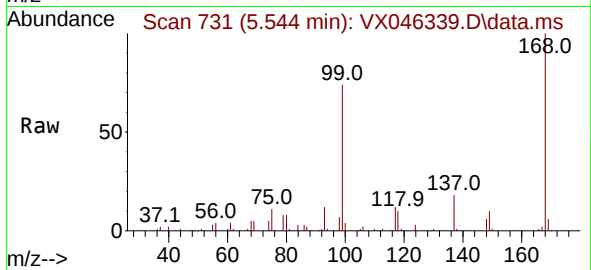
Tgt Ion: 75 Resp: 6661
Ion Ratio Lower Upper
75 100
110 10.5 16.3 48.9#
77 0.0 24.3 36.5#



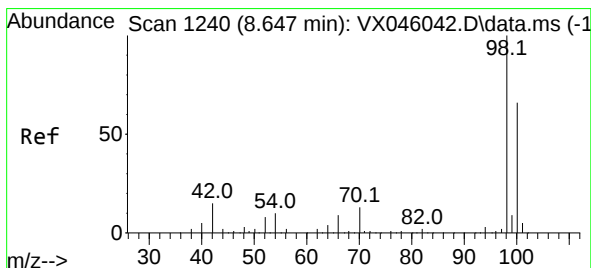
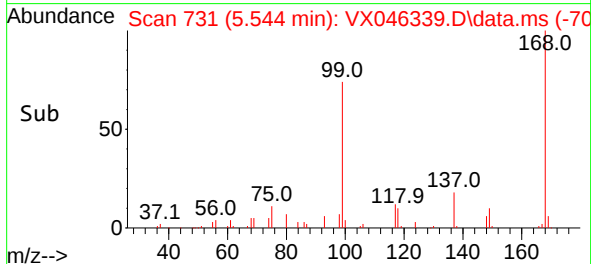
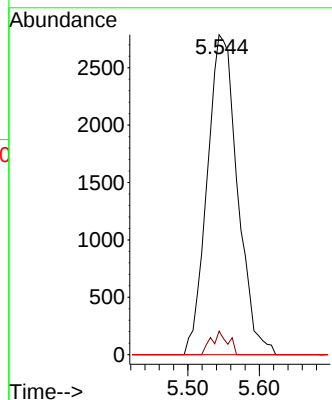


#38
Carbon Tetrachloride
Concen: 5.719 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX046339.D
Acq: 23 May 2025 12:56

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-EB-20250522

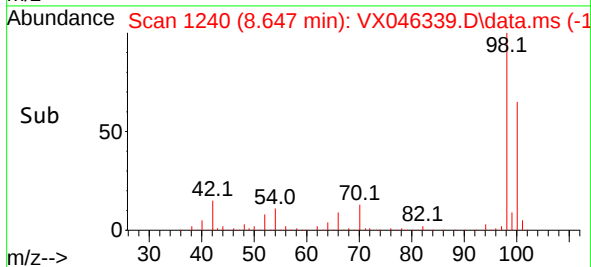
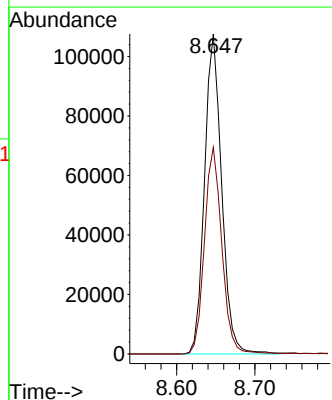
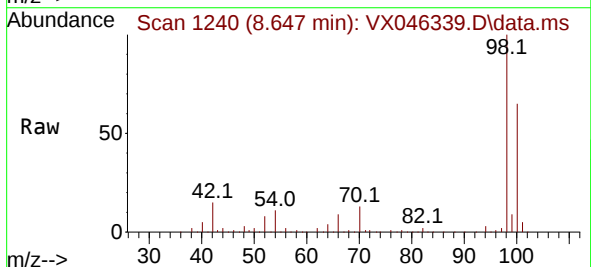


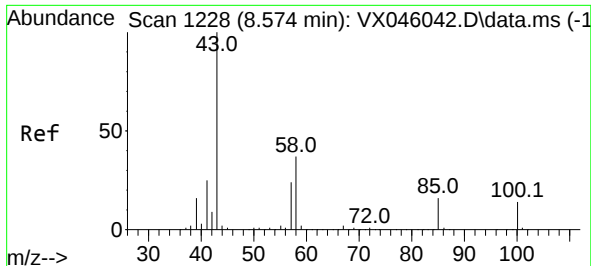
Tgt Ion:117 Resp: 8233
Ion Ratio Lower Upper
117 100
119 7.3 75.2 112.8#
121 0.0 24.2 36.4#



#50
Toluene-d8
Concen: 49.444 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046339.D
Acq: 23 May 2025 12:56

Tgt Ion: 98 Resp: 163179
Ion Ratio Lower Upper
98 100
100 65.4 53.5 80.3

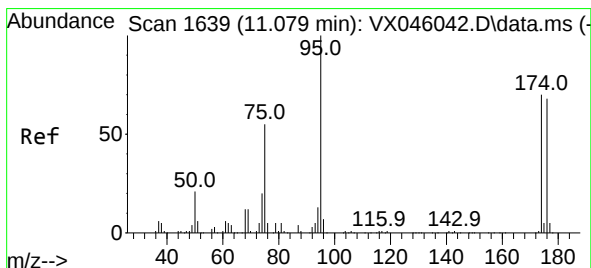
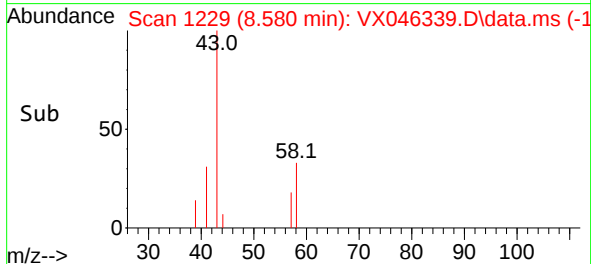
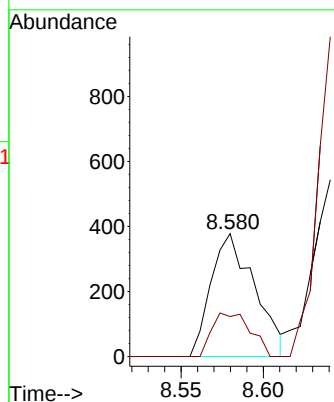
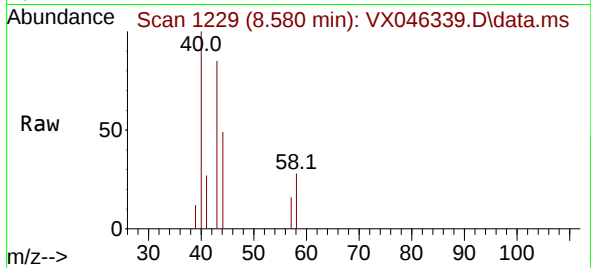




#51
4-Methyl-2-Pentanone
Concen: 0.434 ug/l
RT: 8.580 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX046339.D
Acq: 23 May 2025 12:56

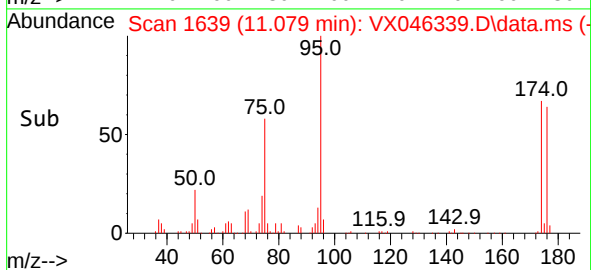
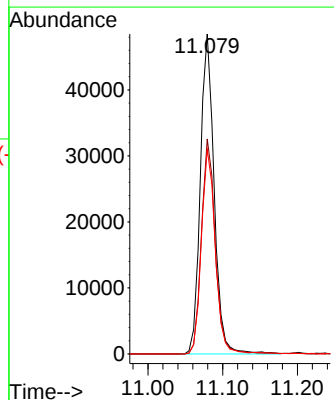
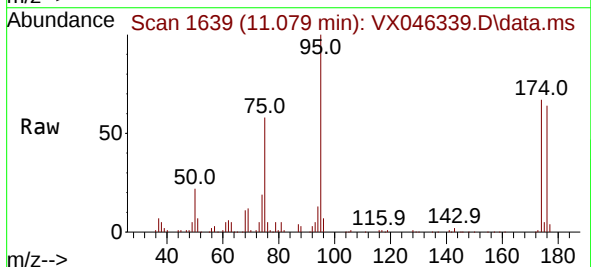
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-EB-20250522

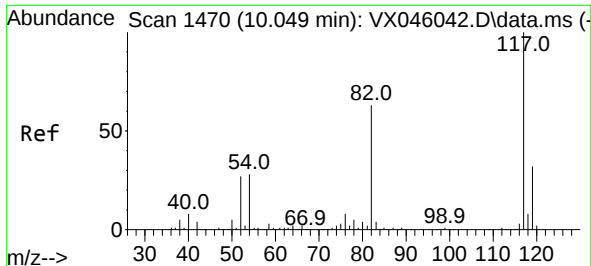
Tgt Ion: 43 Resp: 696
Ion Ratio Lower Upper
43 100
58 31.3 28.9 43.3



#62
4-Bromofluorobenzene
Concen: 49.237 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046339.D
Acq: 23 May 2025 12:56

Tgt Ion: 95 Resp: 62331
Ion Ratio Lower Upper
95 100
174 67.2 0.0 135.8
176 64.8 0.0 131.4

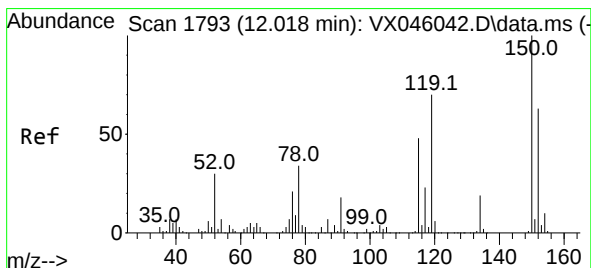
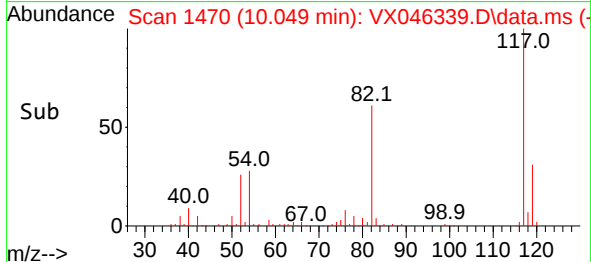
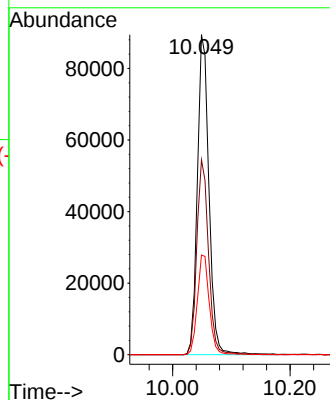
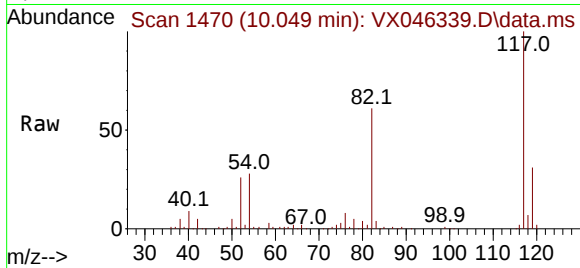




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046339.D
Acq: 23 May 2025 12:56

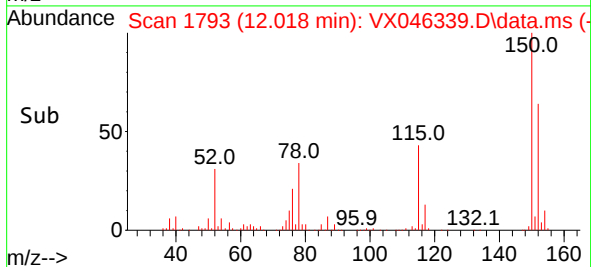
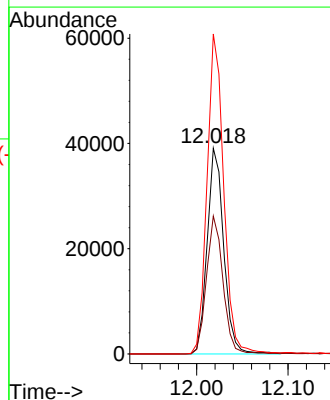
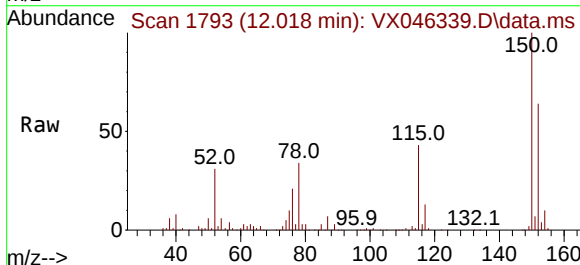
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-EB-20250522

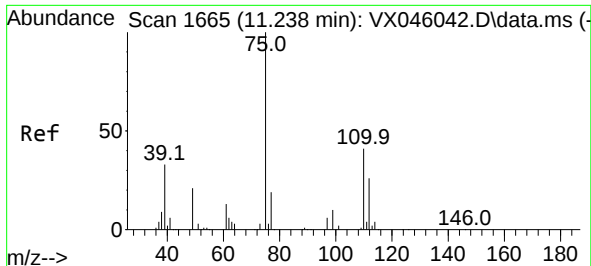
Tgt Ion:117 Resp: 122467
Ion Ratio Lower Upper
117 100
82 60.9 50.6 76.0
119 31.1 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046339.D
Acq: 23 May 2025 12:56

Tgt Ion:152 Resp: 49173
Ion Ratio Lower Upper
152 100
115 67.0 46.9 140.7
150 156.1 0.0 351.0

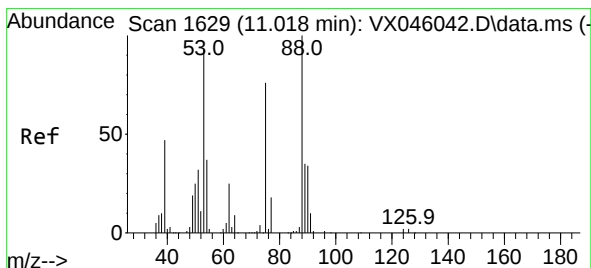
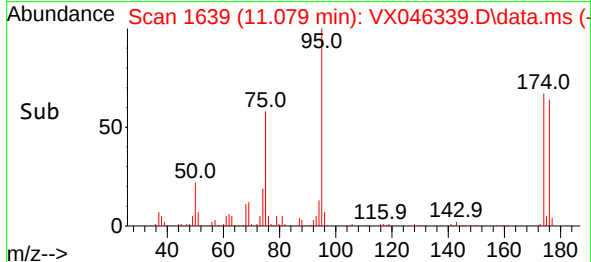
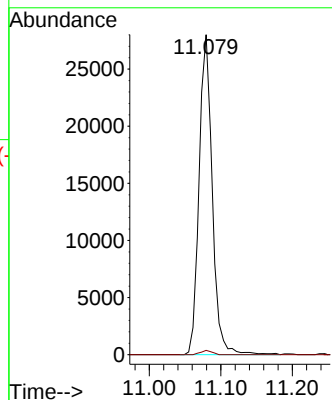
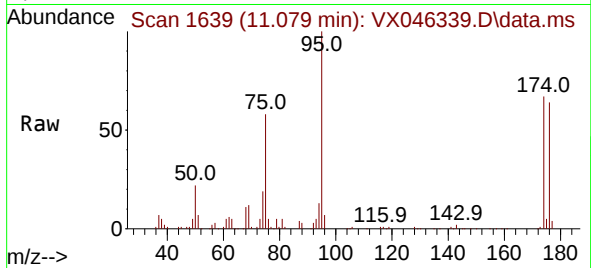




#76
1,2,3-Trichloropropane
Concen: 30.247 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX046339.D
Acq: 23 May 2025 12:56

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-EB-20250522

Tgt Ion: 75 Resp: 35801
Ion Ratio Lower Upper
75 100
77 1.2 20.5 61.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 98.475 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX046339.D
Acq: 23 May 2025 12:56

Tgt Ion: 75 Resp: 35801
Ion Ratio Lower Upper
75 100
53 0.0 100.5 150.7#
89 0.0 37.0 55.6#

