

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022525\
 Data File : VX045037.D
 Acq On : 25 Feb 2025 14:30
 Operator : JC/MD
 Sample : Q1423-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-192-EB-20250221

Quant Time: Feb 26 03:16:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 11 03:41:08 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

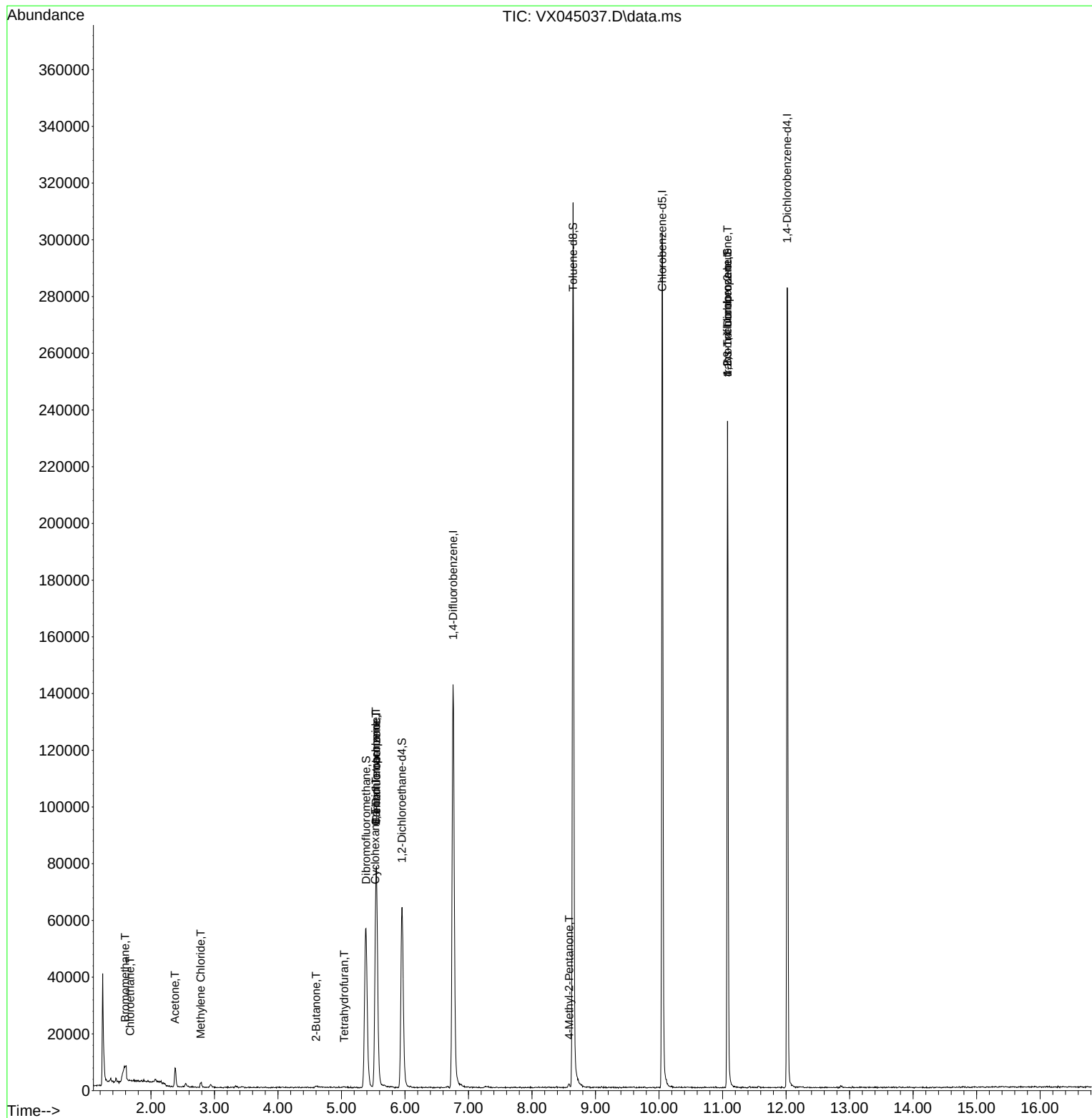
Internal Standards						
1) Pentafluorobenzene	5.550	168	74974	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	149361	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	135427	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	54882	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	60976	55.560	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.120%			
35) Dibromofluoromethane	5.385	113	50727	52.237	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.480%			
50) Toluene-d8	8.647	98	184947	50.365	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.740%			
62) 4-Bromofluorobenzene	11.079	95	60645	48.988	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 97.980%			
Target Compounds						
					Qvalue	
5) Bromomethane	1.593	94	180	0.485	ug/l #	64
6) Chloroethane	1.672	64	187	1.652	ug/l #	42
16) Acetone	2.379	43	7128	16.156	ug/l	90
20) Methylene Chloride	2.782	84	828	0.766	ug/l #	87
25) 2-Butanone	4.599	43	568	0.793	ug/l #	85
29) Tetrahydrofuran	5.044	42	289	0.607	ug/l #	33
31) Cyclohexane	5.531	56	1845	1.083	ug/l #	57
36) 1,1-Dichloropropene	5.544	75	6430	4.589	ug/l #	51
38) Carbon Tetrachloride	5.544	117	8060	5.871	ug/l #	14
51) 4-Methyl-2-Pentanone	8.586	43	973	0.636	ug/l	100
76) 1,2,3-Trichloropropane	11.079	75	32127	26.403	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	32127	67.917	ug/l #	11

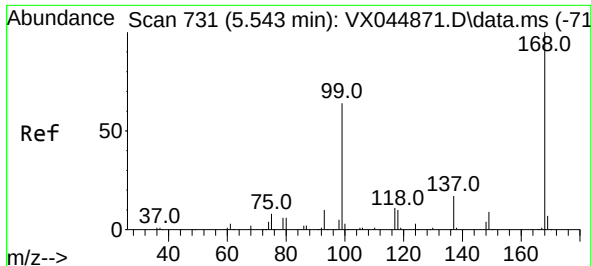
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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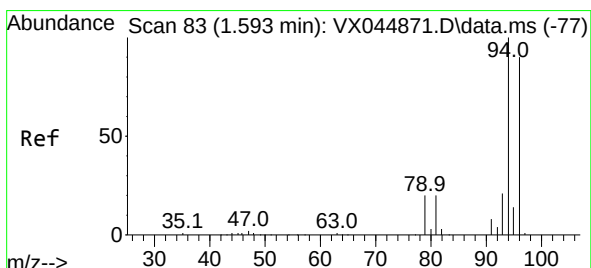
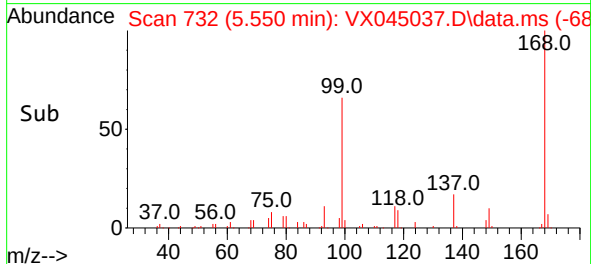
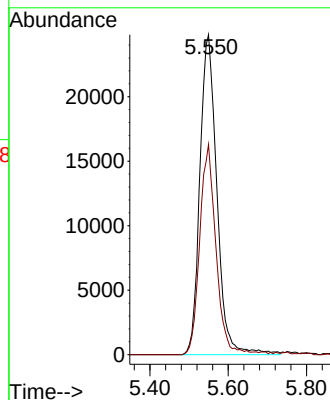
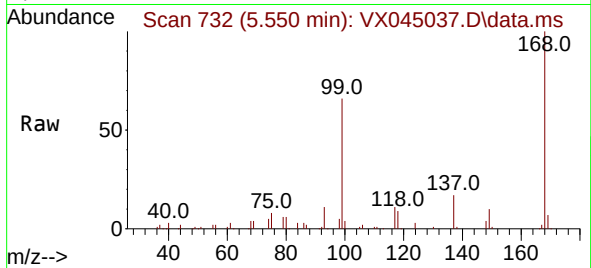




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX045037.D
Acq: 25 Feb 2025 14:30

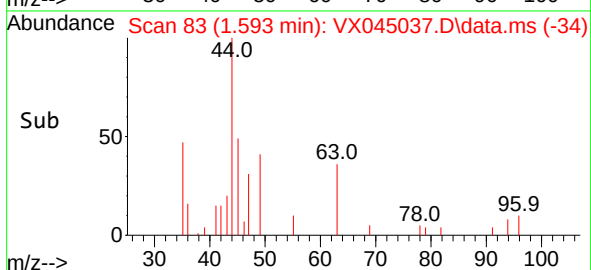
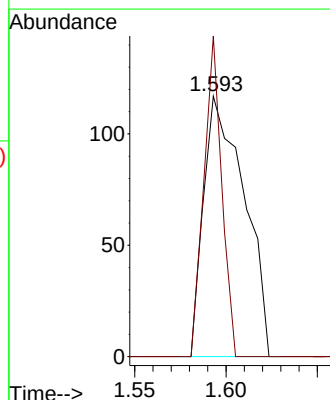
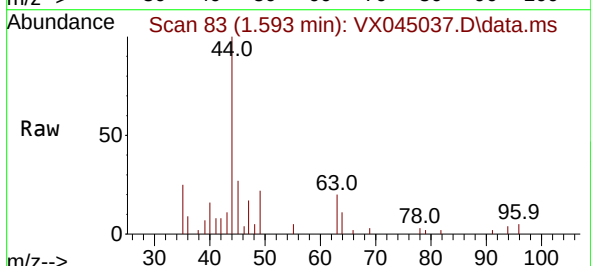
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-192-EB-20250221

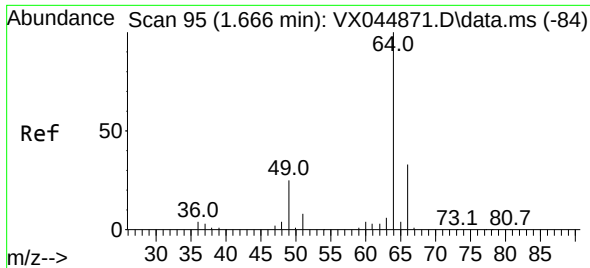
Tgt Ion:168 Resp: 74974
Ion Ratio Lower Upper
168 100
99 65.7 51.2 76.8



#5
Bromomethane
Concen: 0.485 ug/l
RT: 1.593 min Scan# 83
Delta R.T. 0.000 min
Lab File: VX045037.D
Acq: 25 Feb 2025 14:30

Tgt Ion: 94 Resp: 180
Ion Ratio Lower Upper
94 100
96 123.1 71.6 107.4#

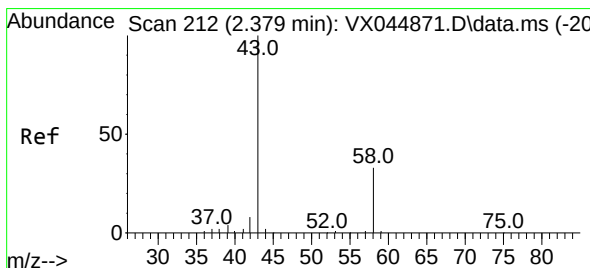
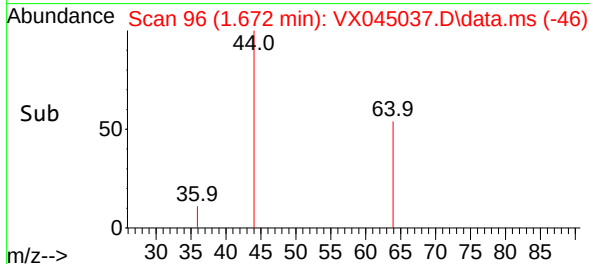
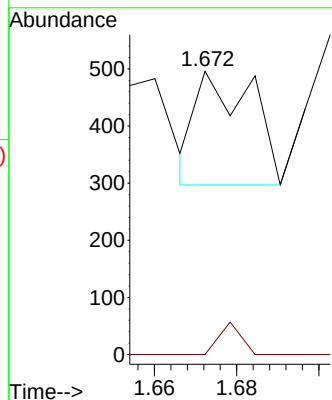
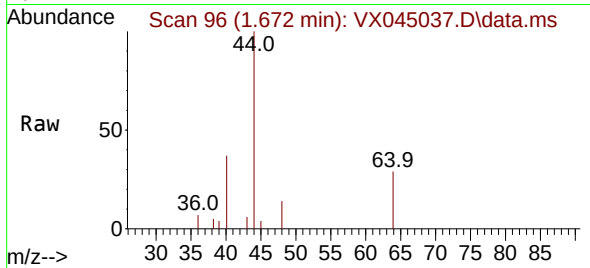




#6
Chloroethane
Concen: 1.652 ug/l
RT: 1.672 min Scan# 90
Delta R.T. 0.006 min
Lab File: VX045037.D
Acq: 25 Feb 2025 14:30

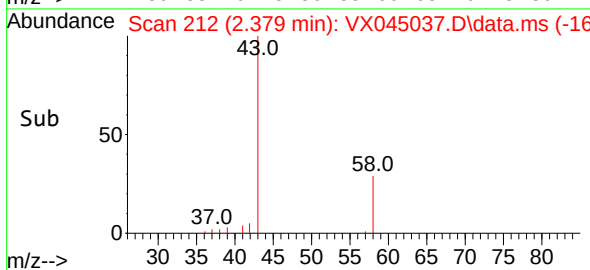
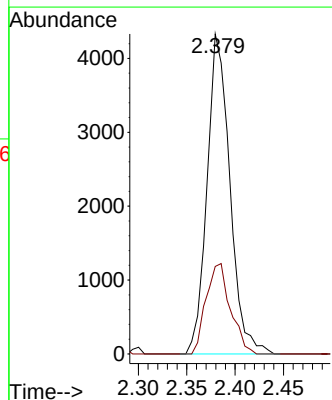
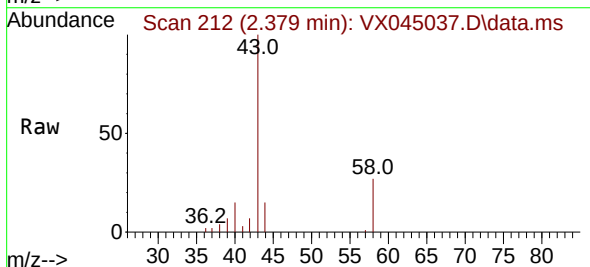
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-192-EB-20250221

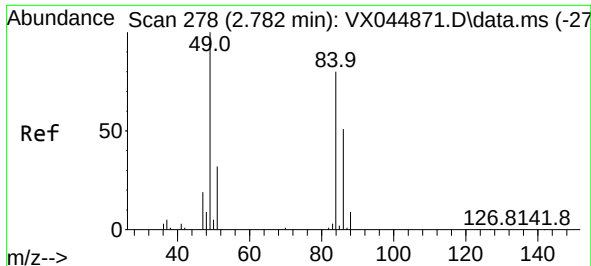
Tgt Ion: 64 Resp: 187
Ion Ratio Lower Upper
64 100
66 0.0 25.9 38.9#



#16
Acetone
Concen: 16.156 ug/l
RT: 2.379 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX045037.D
Acq: 25 Feb 2025 14:30

Tgt Ion: 43 Resp: 7128
Ion Ratio Lower Upper
43 100
58 27.4 26.5 39.7

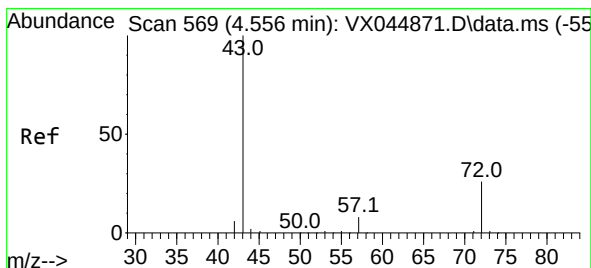
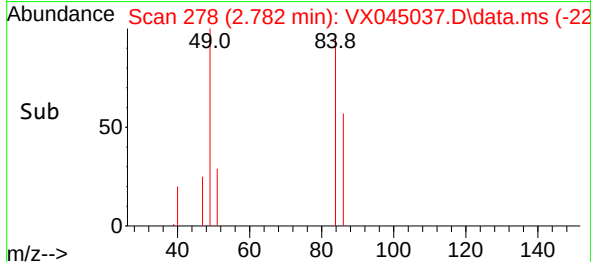
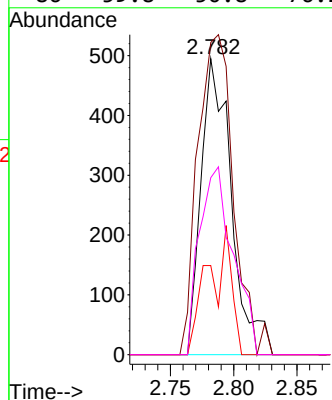
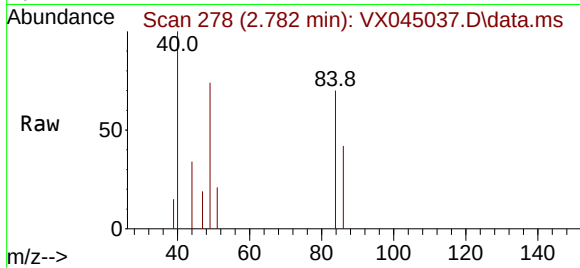




#20
Methylene Chloride
Concen: 0.766 ug/l
RT: 2.782 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX045037.D
Acq: 25 Feb 2025 14:30

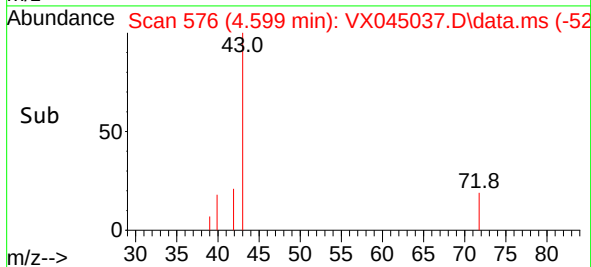
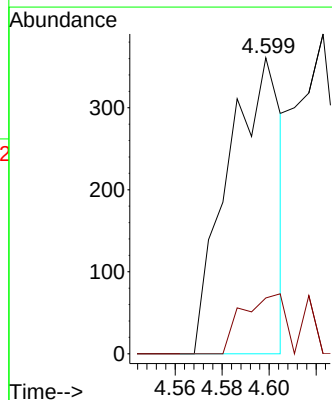
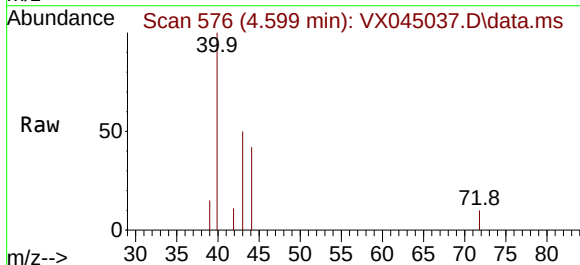
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-192-EB-20250221

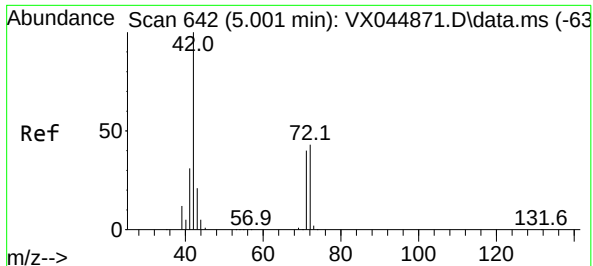
Tgt Ion:	84	Resp:	828
Ion	Ratio	Lower	Upper
84	100		
49	105.5	100.1	150.1
51	30.1	31.7	47.5#
86	59.8	50.8	76.2



#25
2-Butanone
Concen: 0.793 ug/l
RT: 4.599 min Scan# 576
Delta R.T. 0.043 min
Lab File: VX045037.D
Acq: 25 Feb 2025 14:30

Tgt Ion:	43	Resp:	568
Ion	Ratio	Lower	Upper
43	100		
72	18.8	21.2	31.8#





#29

Tetrahydrofuran

Concen: 0.607 ug/l

RT: 5.044 min Scan# 64

Delta R.T. 0.043 min

Lab File: VX045037.D

Acq: 25 Feb 2025 14:30

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-192-EB-20250221

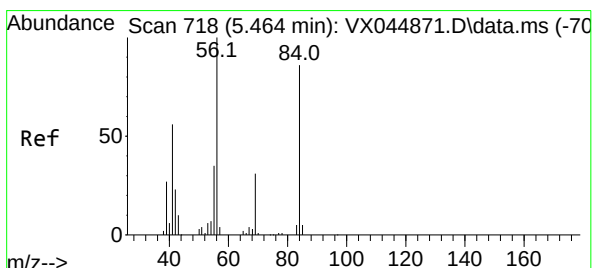
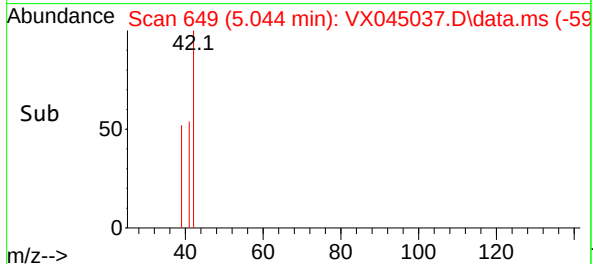
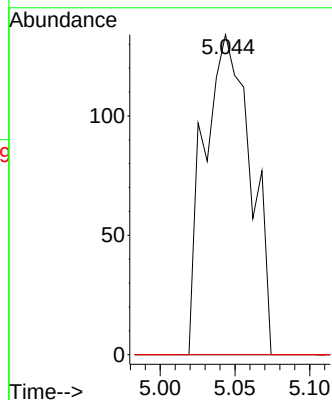
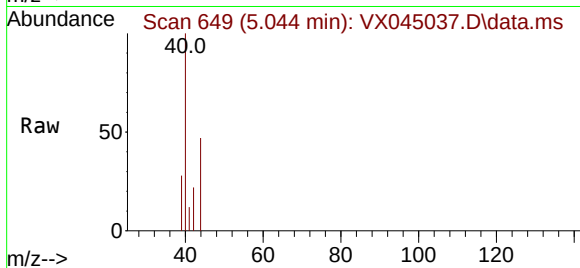
Tgt Ion: 42 Resp: 289

Ion Ratio Lower Upper

42 100

72 0.0 35.0 52.4#

71 0.0 32.6 48.8#



#31

Cyclohexane

Concen: 1.083 ug/l

RT: 5.531 min Scan# 729

Delta R.T. 0.067 min

Lab File: VX045037.D

Acq: 25 Feb 2025 14:30

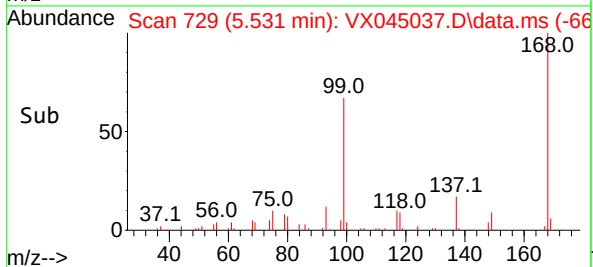
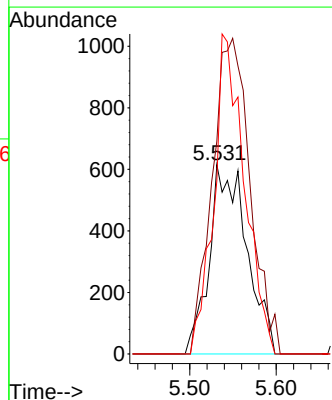
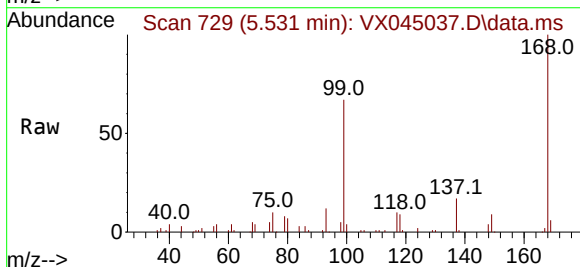
Tgt Ion: 56 Resp: 1845

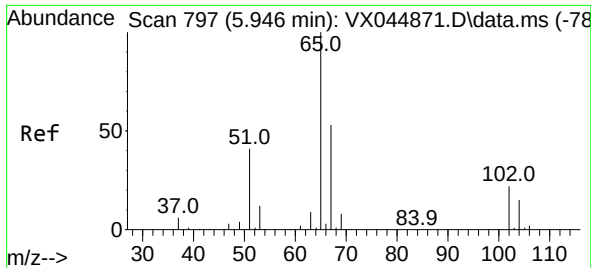
Ion Ratio Lower Upper

56 100

69 112.4 24.4 36.6#

84 91.5 69.0 103.6





#33

1,2-Dichloroethane-d4

Concen: 55.560 ug/l

RT: 5.952 min Scan# 79

Delta R.T. 0.006 min

Lab File: VX045037.D

Acq: 25 Feb 2025 14:30

Instrument :

MSVOA_X

ClientSampleId :

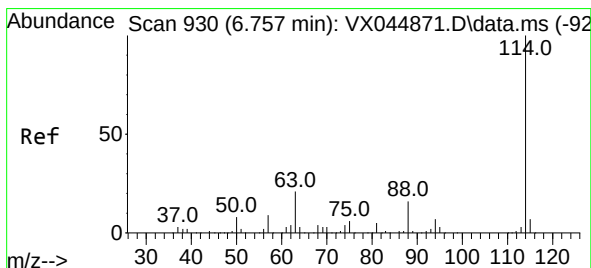
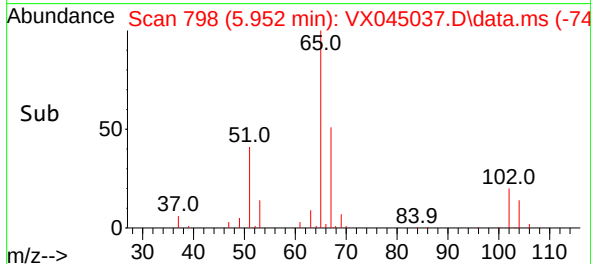
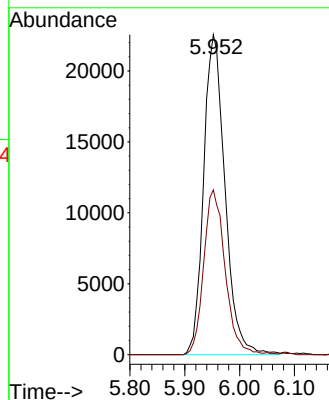
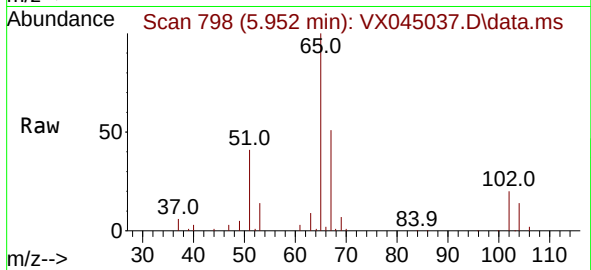
BP-VPB-192-EB-20250221

Tgt Ion: 65 Resp: 60976

Ion Ratio Lower Upper

65 100

67 51.5 0.0 108.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX045037.D

Acq: 25 Feb 2025 14:30

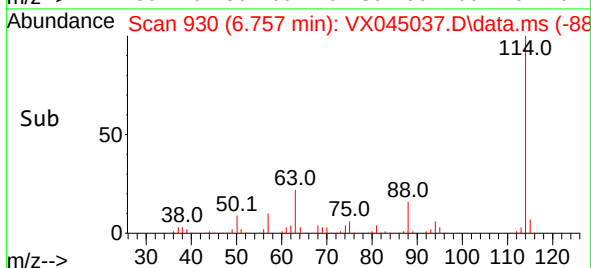
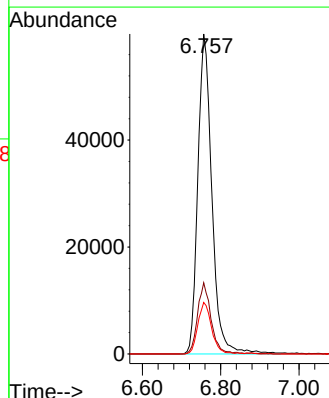
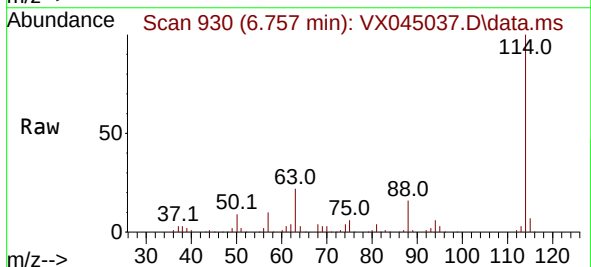
Tgt Ion: 114 Resp: 149361

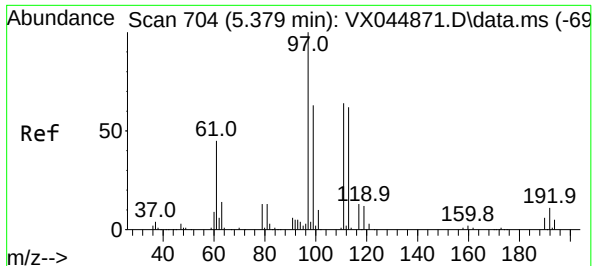
Ion Ratio Lower Upper

114 100

63 22.2 0.0 42.4

88 16.1 0.0 31.4

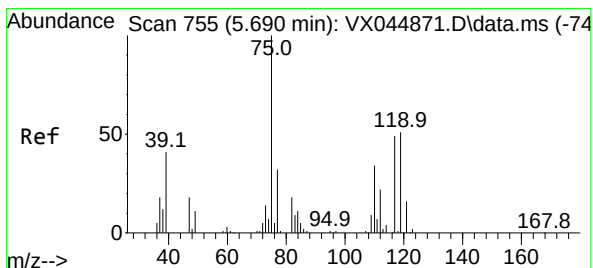
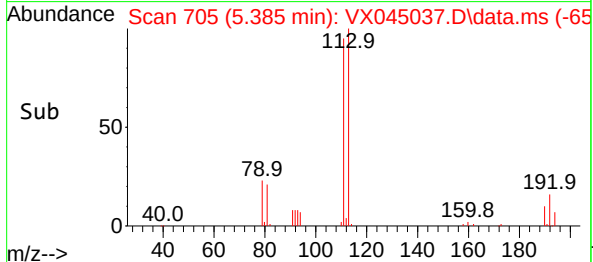
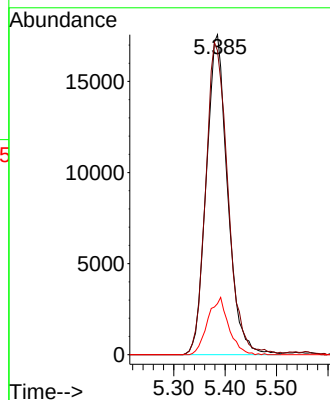
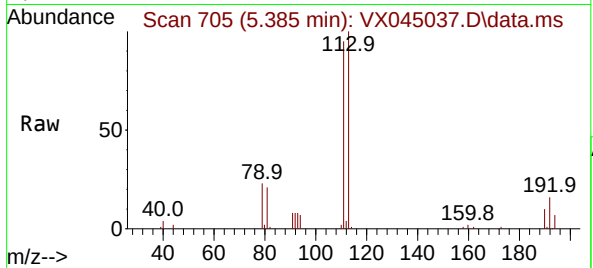




#35
Dibromofluoromethane
Concen: 52.237 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX045037.D
Acq: 25 Feb 2025 14:30

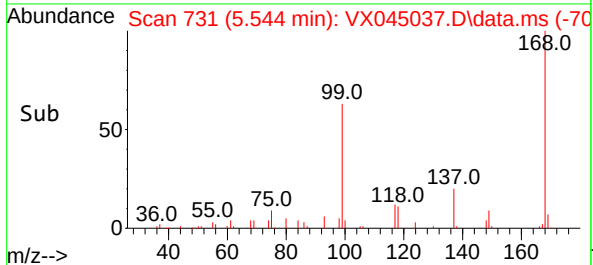
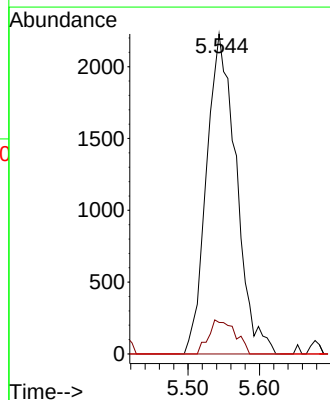
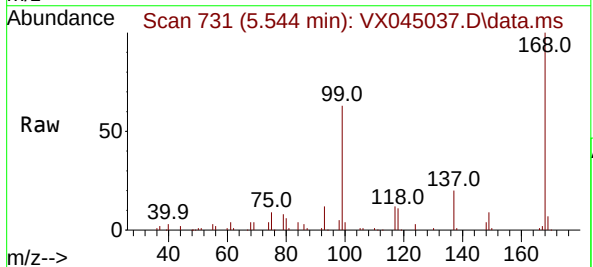
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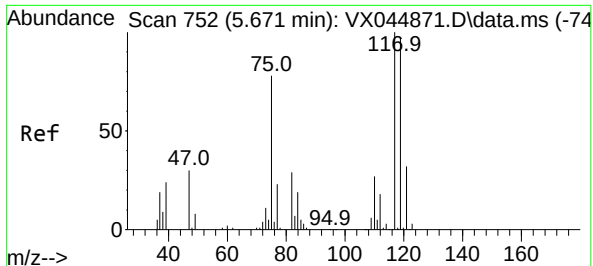
Tgt Ion:113 Resp: 50727
Ion Ratio Lower Upper
113 100
111 101.5 83.5 125.3
192 17.6 14.4 21.6



#36
1,1-Dichloropropene
Concen: 4.589 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX045037.D
Acq: 25 Feb 2025 14:30

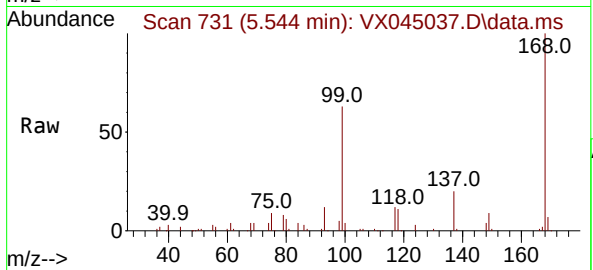
Tgt Ion: 75 Resp: 6430
Ion Ratio Lower Upper
75 100
110 9.5 17.2 51.6#
77 0.0 24.6 37.0#



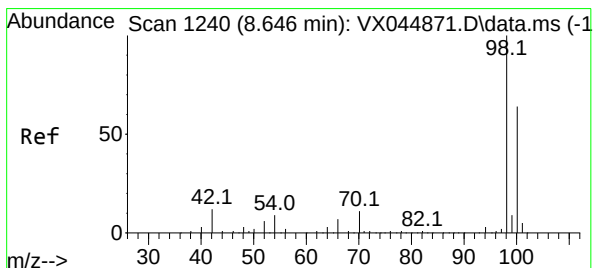
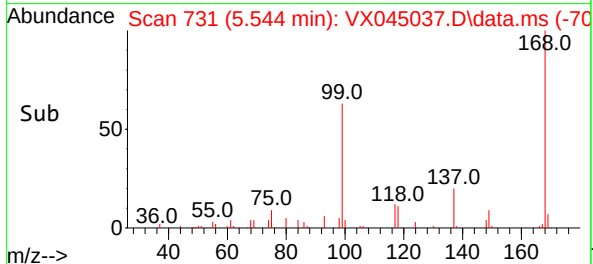
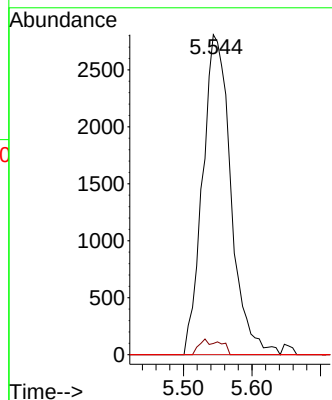


#38
Carbon Tetrachloride
Concen: 5.871 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX045037.D
Acq: 25 Feb 2025 14:30

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-192-EB-20250221

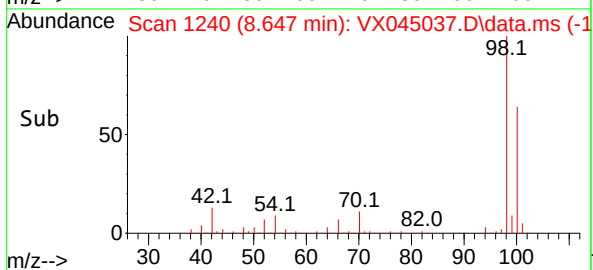
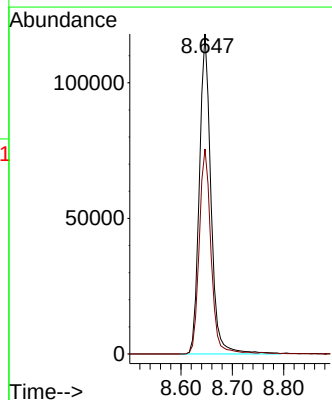
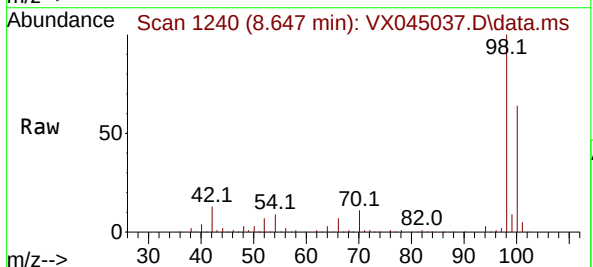


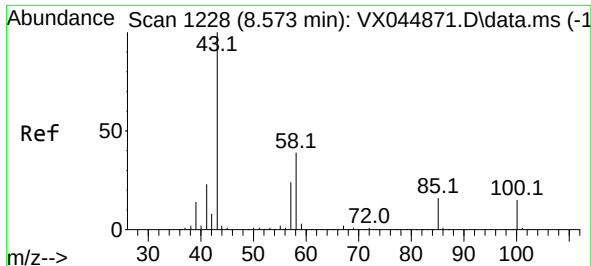
Tgt Ion:117 Resp: 8060
Ion Ratio Lower Upper
117 100
119 3.5 77.5 116.3#
121 0.0 25.6 38.4#



#50
Toluene-d8
Concen: 50.365 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045037.D
Acq: 25 Feb 2025 14:30

Tgt Ion: 98 Resp: 184947
Ion Ratio Lower Upper
98 100
100 65.1 52.7 79.1

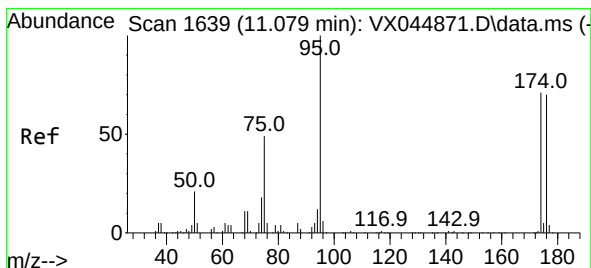
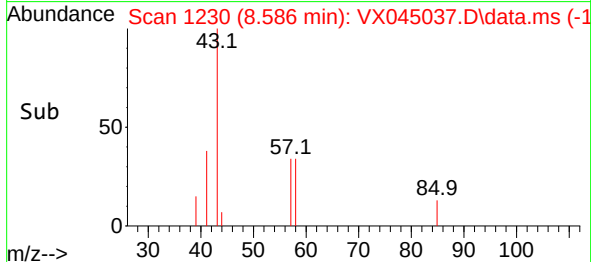
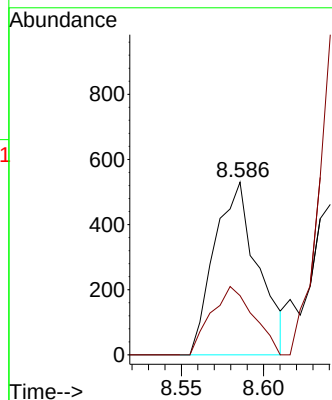
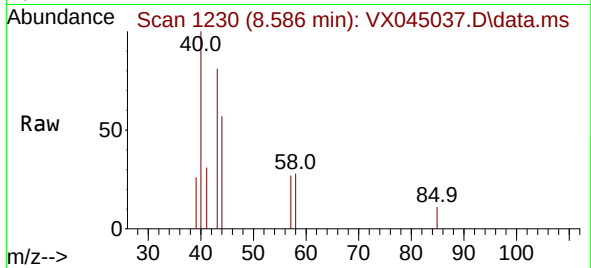




#51
4-Methyl-2-Pentanone
Concen: 0.636 ug/l
RT: 8.586 min Scan# 11
Delta R.T. 0.012 min
Lab File: VX045037.D
Acq: 25 Feb 2025 14:30

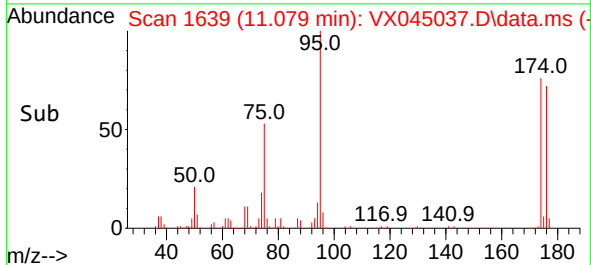
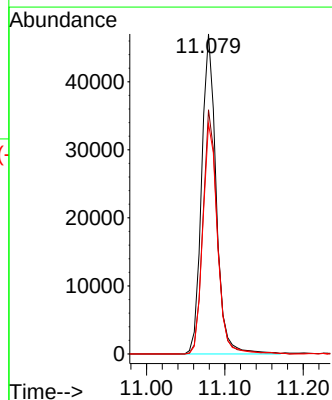
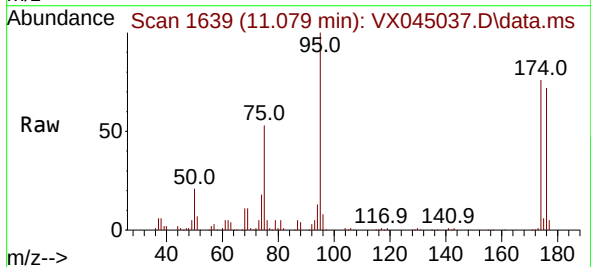
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-192-EB-20250221

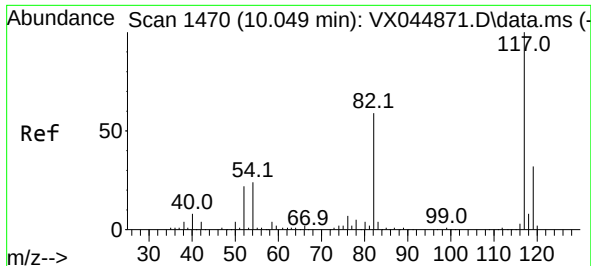
Tgt Ion: 43 Resp: 973
Ion Ratio Lower Upper
43 100
58 38.6 30.8 46.2



#62
4-Bromofluorobenzene
Concen: 48.988 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045037.D
Acq: 25 Feb 2025 14:30

Tgt Ion: 95 Resp: 60645
Ion Ratio Lower Upper
95 100
174 75.7 0.0 142.6
176 72.3 0.0 141.6

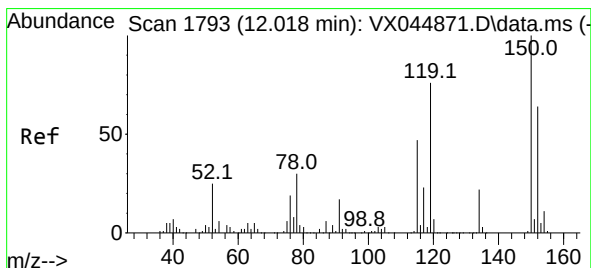
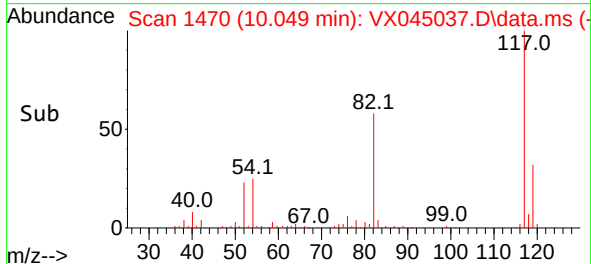
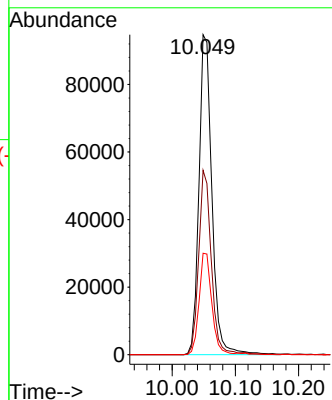
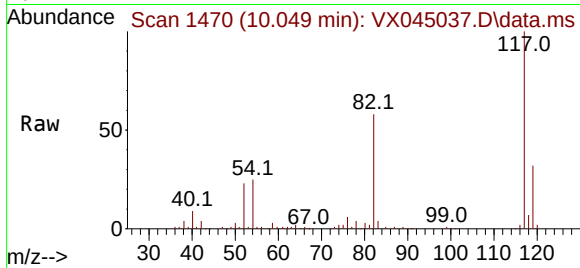




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045037.D
Acq: 25 Feb 2025 14:30

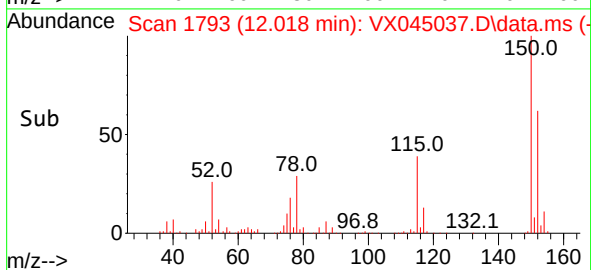
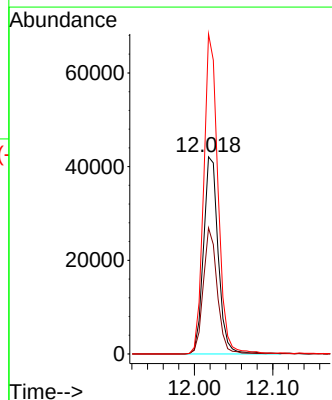
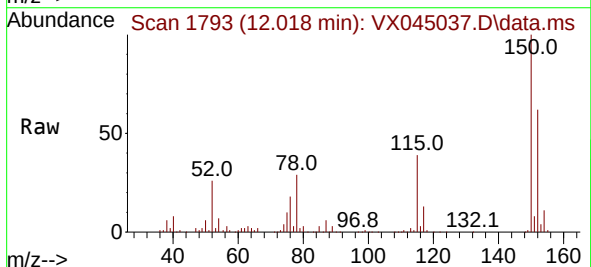
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-192-EB-20250221

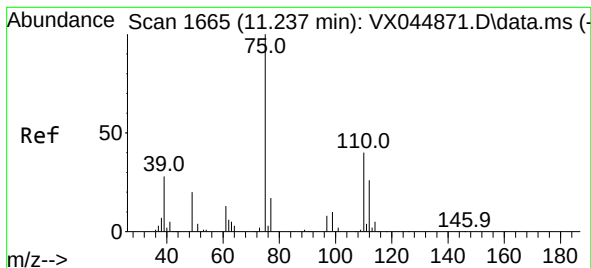
Tgt Ion:117 Resp: 135427
Ion Ratio Lower Upper
117 100
82 57.6 47.5 71.3
119 31.7 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045037.D
Acq: 25 Feb 2025 14:30

Tgt Ion:152 Resp: 54882
Ion Ratio Lower Upper
152 100
115 60.5 43.4 130.1
150 157.4 0.0 350.4





#76

1,2,3-Trichloropropane

Concen: 26.403 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX045037.D

Acq: 25 Feb 2025 14:30

Instrument :

MSVOA_X

ClientSampleId :

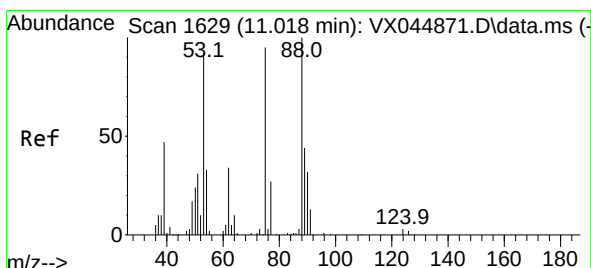
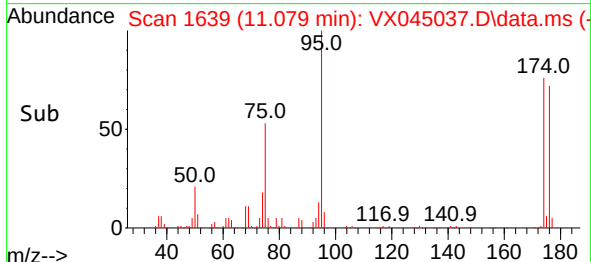
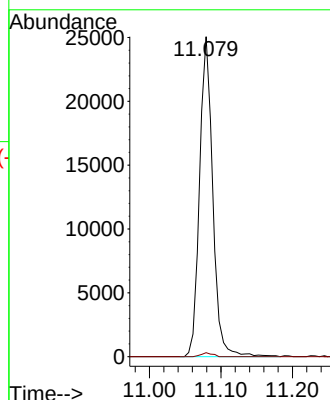
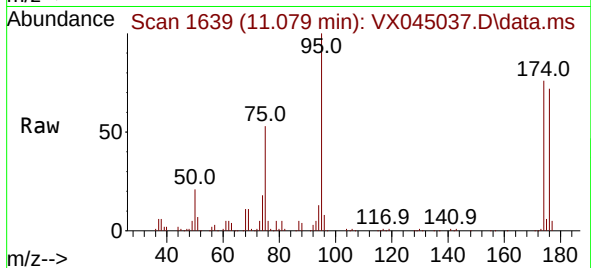
BP-VPB-192-EB-20250221

Tgt Ion: 75 Resp: 32127

Ion Ratio Lower Upper

75 100

77 1.1 21.9 65.7#



#81

trans-1,4-Dichloro-2-butene

Concen: 67.917 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX045037.D

Acq: 25 Feb 2025 14:30

Tgt Ion: 75 Resp: 32127

Ion Ratio Lower Upper

75 100

53 0.0 78.0 117.0#

89 0.0 36.6 54.8#

