

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060523\
 Data File : VX036006.D
 Acq On : 05 Jun 2023 16:05
 Operator : JC/MD
 Sample : 02944-13RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW11-EB-20230524

Quant Time: Jun 06 06:46:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053123W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 31 12:50:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	229877	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	351627	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	322497	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	148631	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	153435	41.104	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	82.200%
35) Dibromofluoromethane	5.385	113	111072	46.964	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.920%
50) Toluene-d8	8.647	98	429179	50.564	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.120%
62) 4-Bromofluorobenzene	11.079	95	162478	48.491	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.980%

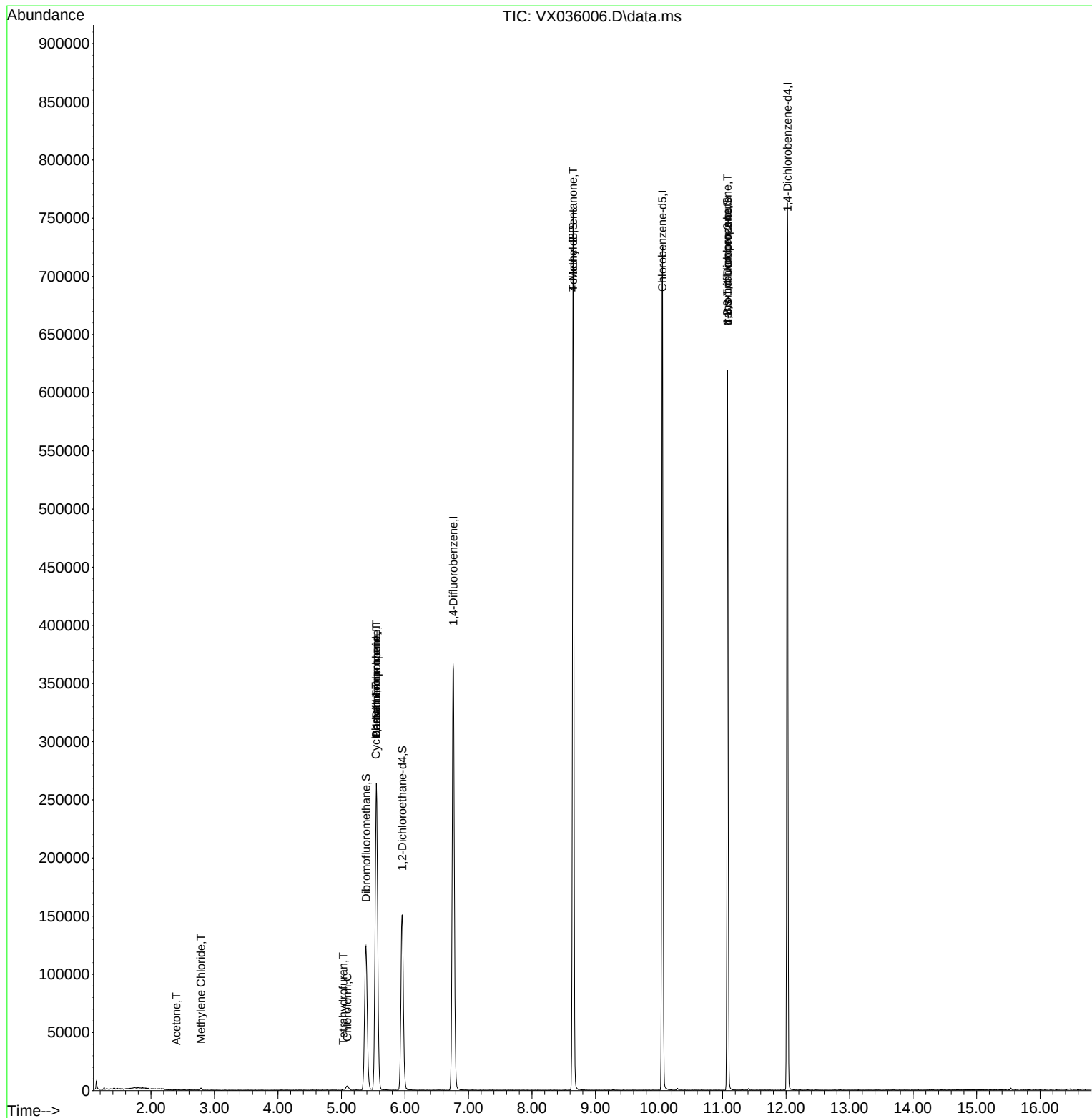
Target Compounds					Qvalue	
16) Acetone	2.398	43	969	0.629	ug/l #	61
20) Methylene Chloride	2.788	84	681	0.230	ug/l #	86
29) Tetrahydrofuran	5.026	42	728	0.513	ug/l #	65
30) Chloroform	5.093	83	4562	0.866	ug/l	87
31) Cyclohexane	5.544	56	5651	1.446	ug/l #	19
36) 1,1-Dichloropropene	5.550	75	20049	6.358	ug/l #	52
38) Carbon Tetrachloride	5.550	117	25845	8.410	ug/l #	17
51) 4-Methyl-2-Pentanone	8.647	43	2052	0.582	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	85838	25.606	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	85838	86.249	ug/l #	3

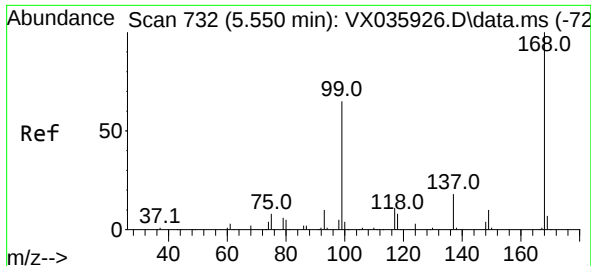
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 06 06:46:01 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053123W.M
Quant Title : SW846 8260
QLast Update : Wed May 31 12:50:30 2023
Response via : Initial Calibration

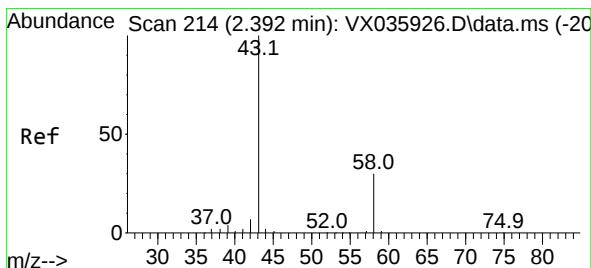
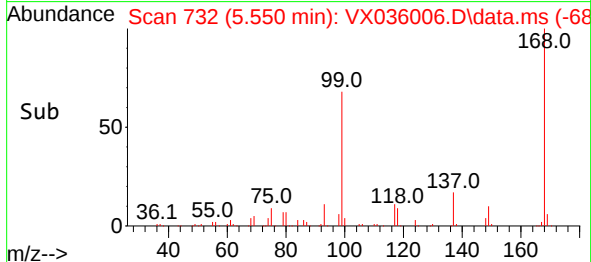
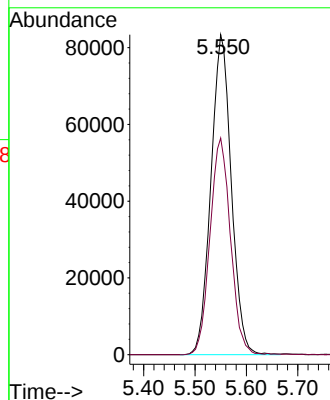
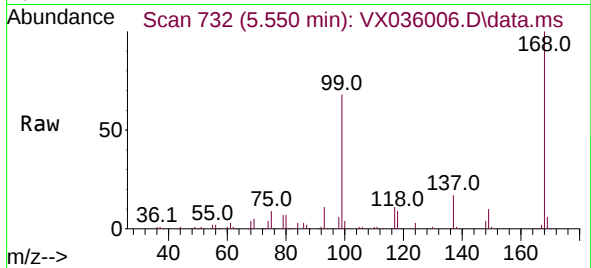




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX036006.D
Acq: 05 Jun 2023 16:05

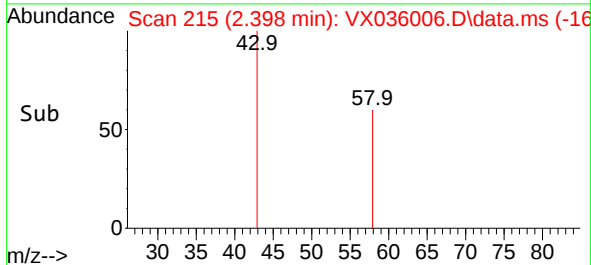
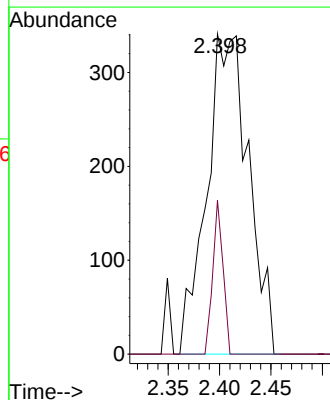
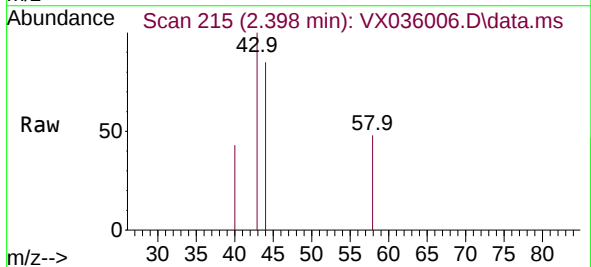
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW11-EB-20230524

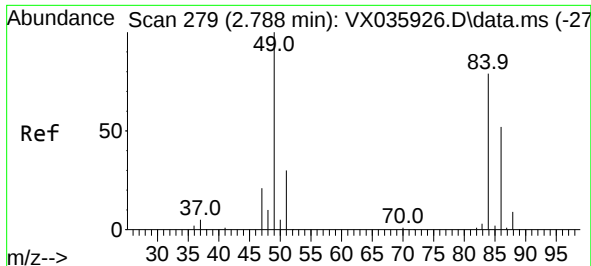
Tgt Ion:168 Resp: 229877
Ion Ratio Lower Upper
168 100
99 67.7 57.0 85.6



#16
Acetone
Concen: 0.629 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.007 min
Lab File: VX036006.D
Acq: 05 Jun 2023 16:05

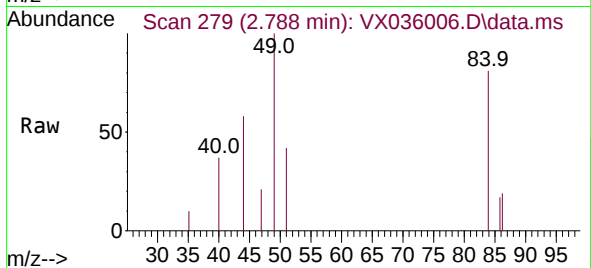
Tgt Ion: 43 Resp: 969
Ion Ratio Lower Upper
43 100
58 48.1 22.2 33.2#



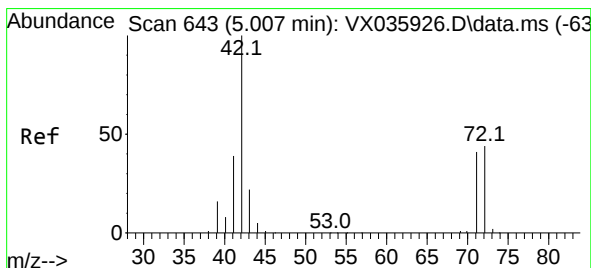
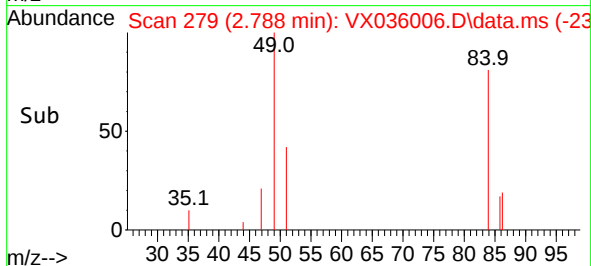
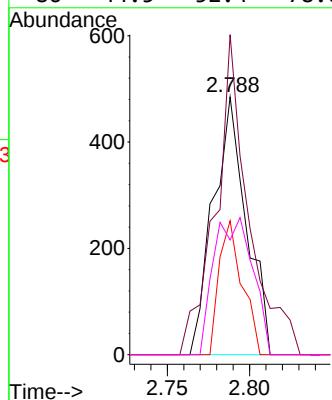


#20
Methylene Chloride
Concen: 0.230 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX036006.D
Acq: 05 Jun 2023 16:05

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW11-EB-20230524

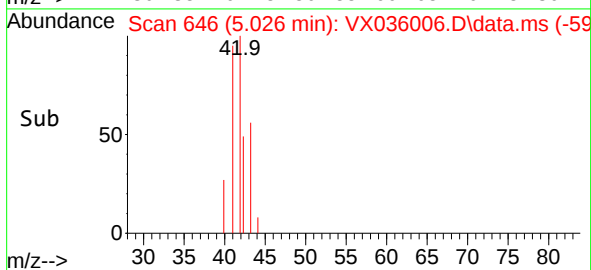
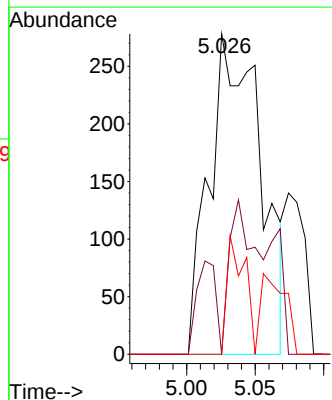
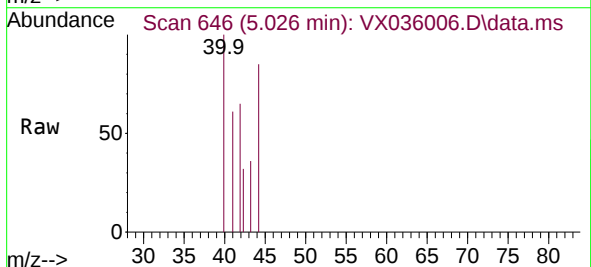


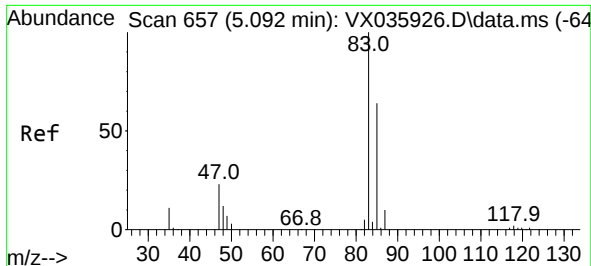
Tgt Ion:	84	Resp:	681
Ion	Ratio	Lower	Upper
84	100		
49	124.1	104.6	156.8
51	52.0	32.2	48.4#
86	44.5	52.4	78.6#



#29
Tetrahydrofuran
Concen: 0.513 ug/l
RT: 5.026 min Scan# 646
Delta R.T. 0.013 min
Lab File: VX036006.D
Acq: 05 Jun 2023 16:05

Tgt Ion:	42	Resp:	728
Ion	Ratio	Lower	Upper
42	100		
72	25.1	34.2	51.2#
71	12.8	31.8	47.8#

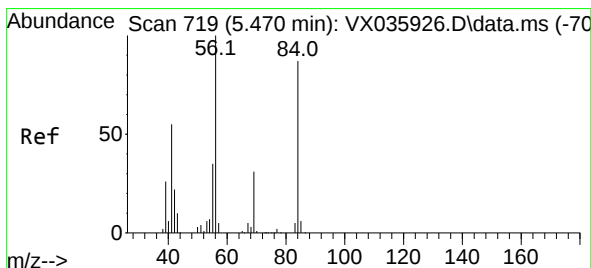
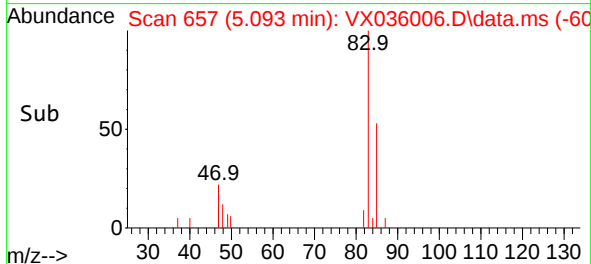
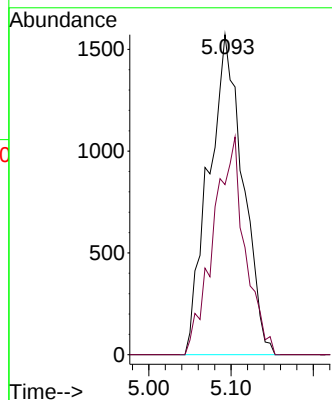
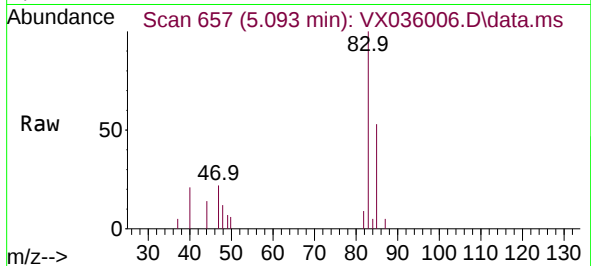




#30
Chloroform
Concen: 0.866 ug/l
RT: 5.093 min Scan# 61
Delta R.T. 0.001 min
Lab File: VX036006.D
Acq: 05 Jun 2023 16:05

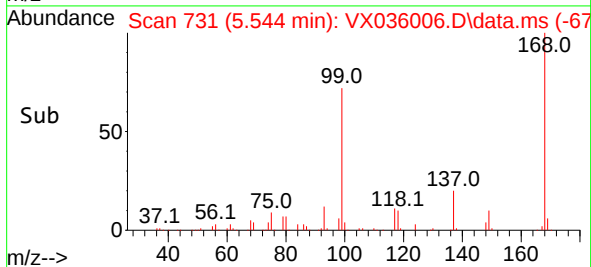
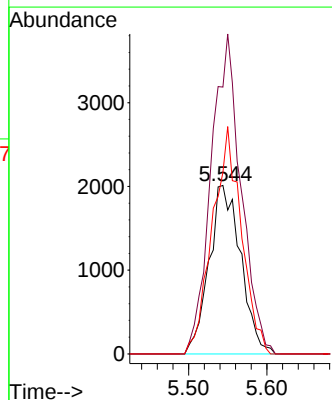
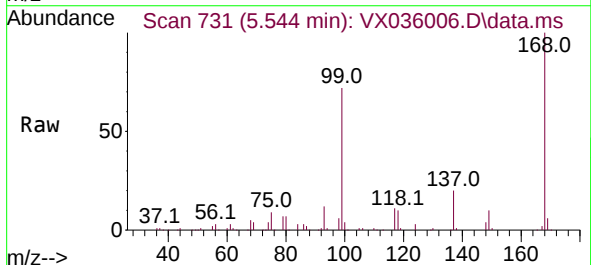
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW11-EB-20230524

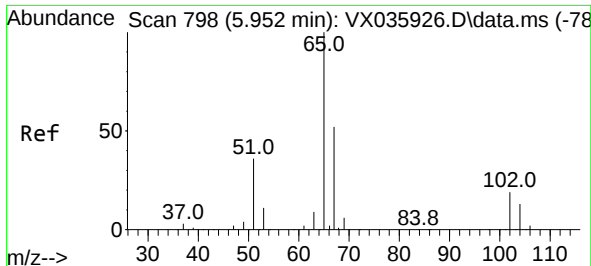
Tgt Ion: 83 Resp: 4562
Ion Ratio Lower Upper
83 100
85 53.2 51.0 76.4



#31
Cyclohexane
Concen: 1.446 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.074 min
Lab File: VX036006.D
Acq: 05 Jun 2023 16:05

Tgt Ion: 56 Resp: 5651
Ion Ratio Lower Upper
56 100
69 158.3 25.9 38.9#
84 107.8 67.6 101.4#





#33

1,2-Dichloroethane-d4

Concen: 41.104 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX036006.D

Acq: 05 Jun 2023 16:05

Instrument :

MSVOA_X

ClientSampleId :

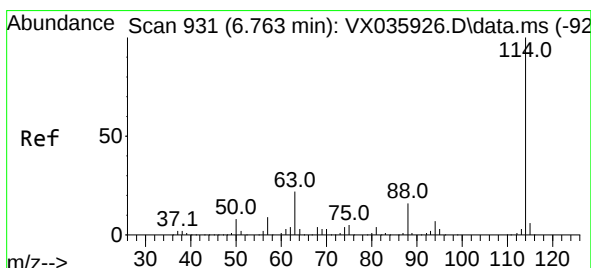
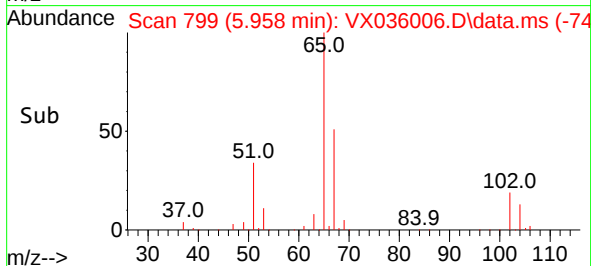
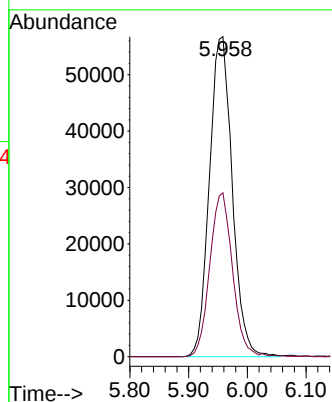
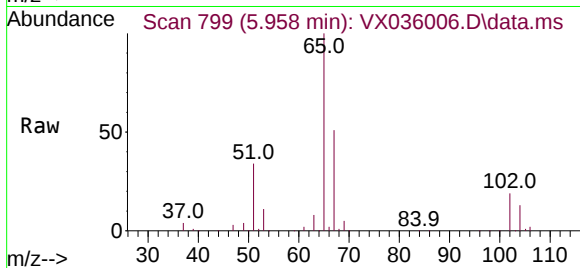
BP-VPB-RW11-EB-20230524

Tgt Ion: 65 Resp: 153435

Ion Ratio Lower Upper

65 100

67 50.9 0.0 99.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX036006.D

Acq: 05 Jun 2023 16:05

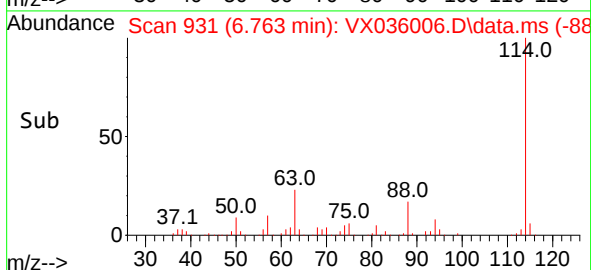
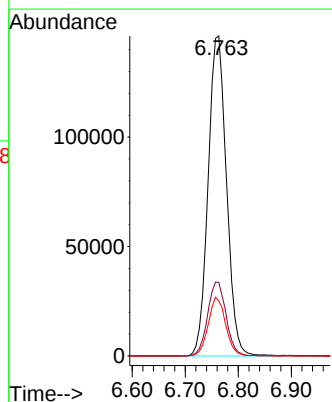
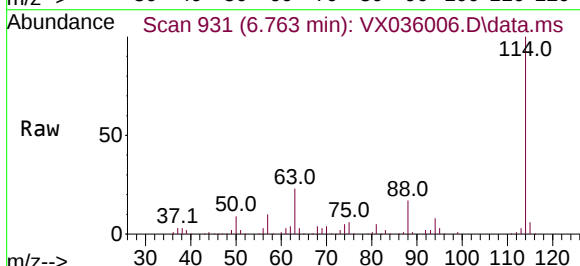
Tgt Ion: 114 Resp: 351627

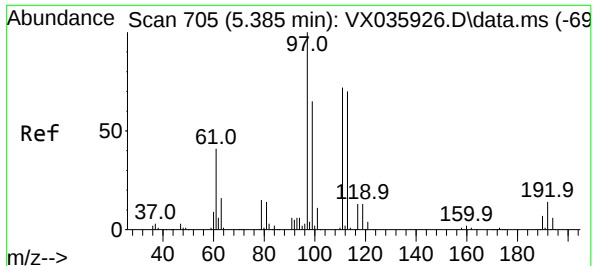
Ion Ratio Lower Upper

114 100

63 23.0 0.0 46.0

88 17.2 0.0 35.2





#35

Dibromofluoromethane

Concen: 46.964 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX036006.D

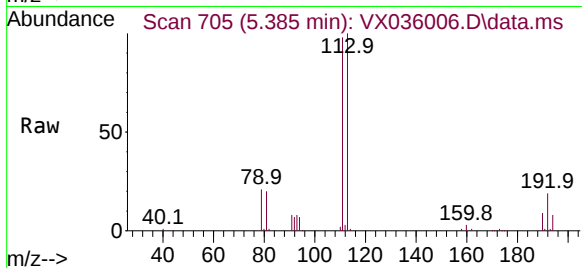
Acq: 05 Jun 2023 16:05

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-RW11-EB-20230524



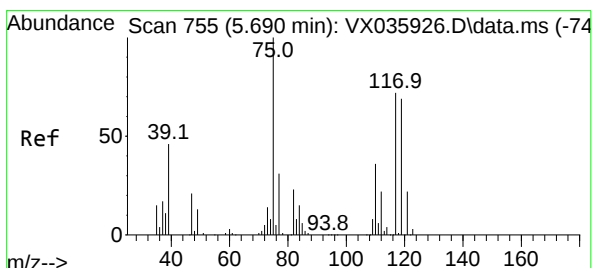
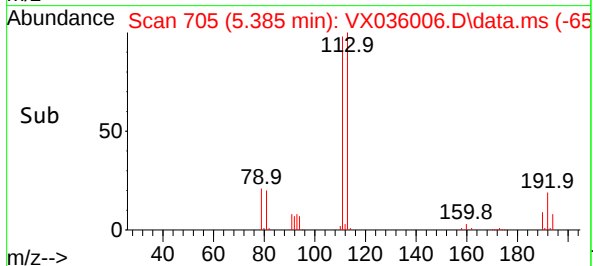
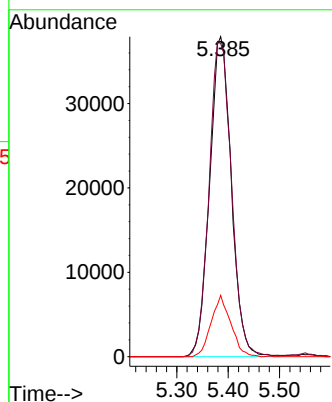
Tgt Ion:113 Resp: 111072

Ion Ratio Lower Upper

113 100

111 101.9 81.7 122.5

192 17.4 13.5 20.3



#36

1,1-Dichloropropene

Concen: 6.358 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.140 min

Lab File: VX036006.D

Acq: 05 Jun 2023 16:05

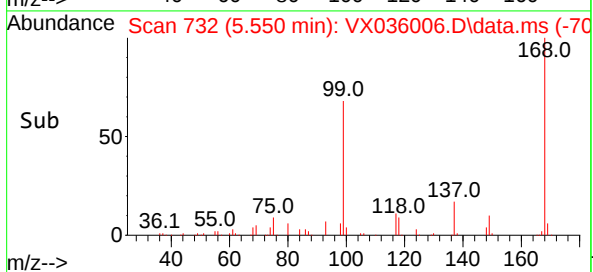
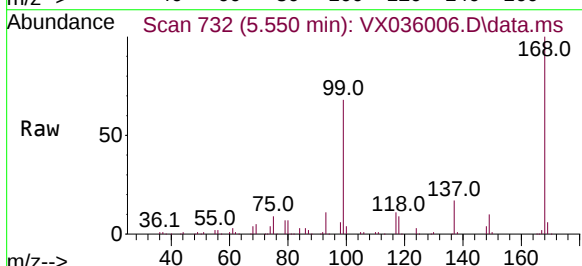
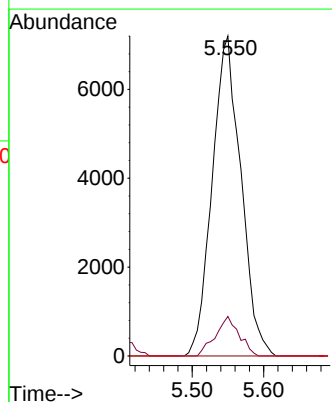
Tgt Ion: 75 Resp: 20049

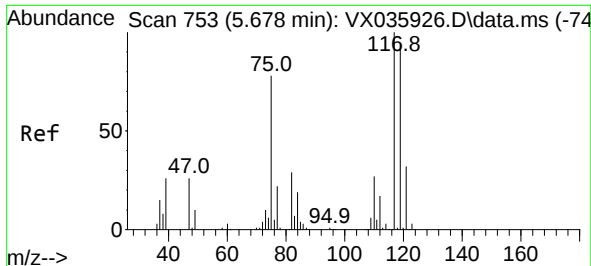
Ion Ratio Lower Upper

75 100

110 10.2 16.6 49.7#

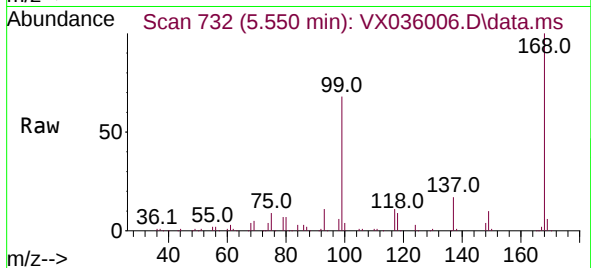
77 0.0 24.4 36.6#



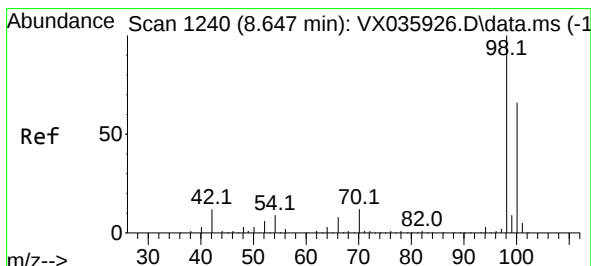
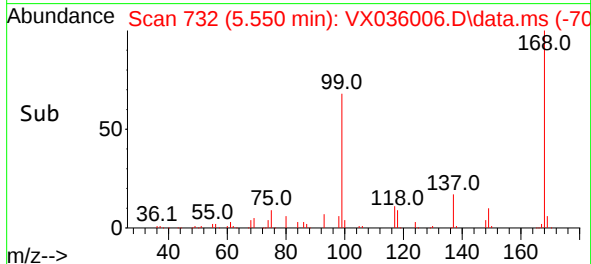
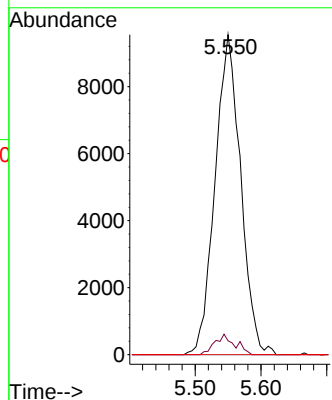


#38
Carbon Tetrachloride
Concen: 8.410 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.127 min
Lab File: VX036006.D
Acq: 05 Jun 2023 16:05

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW11-EB-20230524

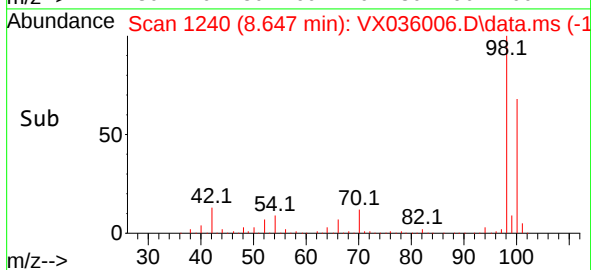
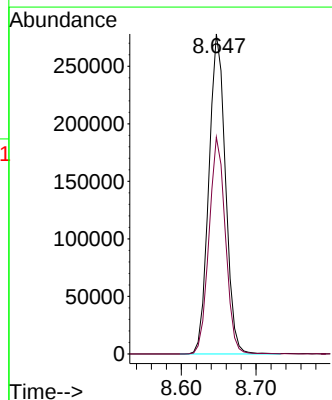
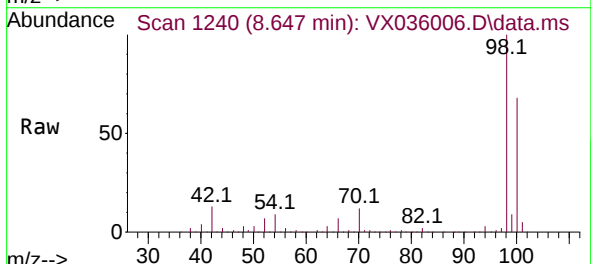


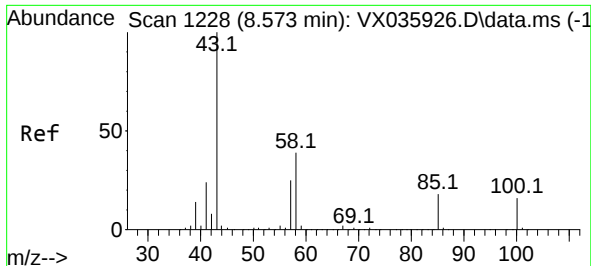
Tgt Ion:117 Resp: 25845
Ion Ratio Lower Upper
117 100
119 4.3 74.1 111.1#
121 0.0 25.0 37.4#



#50
Toluene-d8
Concen: 50.564 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX036006.D
Acq: 05 Jun 2023 16:05

Tgt Ion: 98 Resp: 429179
Ion Ratio Lower Upper
98 100
100 66.7 53.4 80.0





#51

4-Methyl-2-Pentanone

Concen: 0.582 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.074 min

Lab File: VX036006.D

Acq: 05 Jun 2023 16:05

Instrument :

MSVOA_X

ClientSampleId :

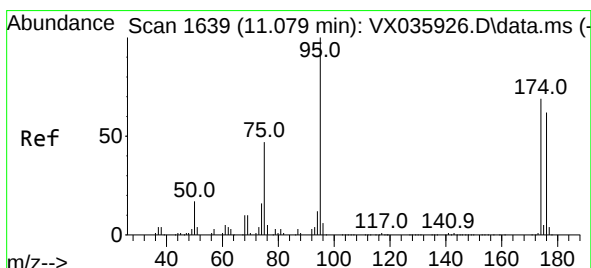
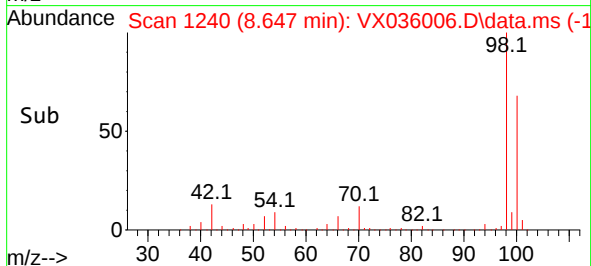
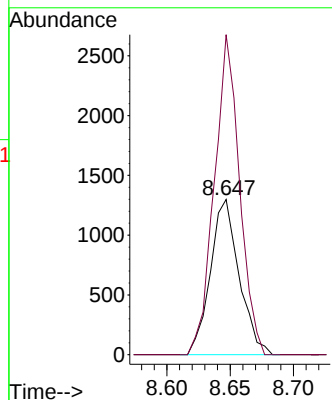
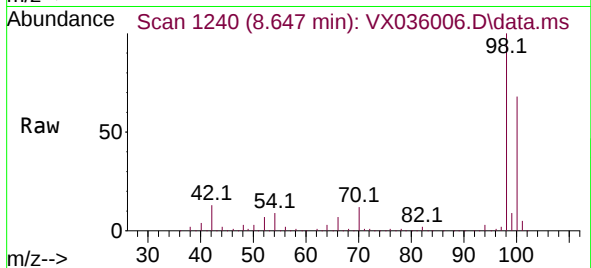
BP-VPB-RW11-EB-20230524

Tgt Ion: 43 Resp: 2052

Ion Ratio Lower Upper

43 100

58 181.0 30.1 45.1#



#62

4-Bromofluorobenzene

Concen: 48.491 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX036006.D

Acq: 05 Jun 2023 16:05

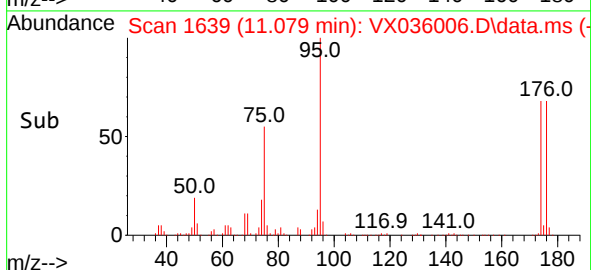
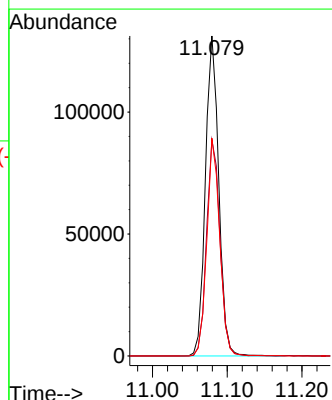
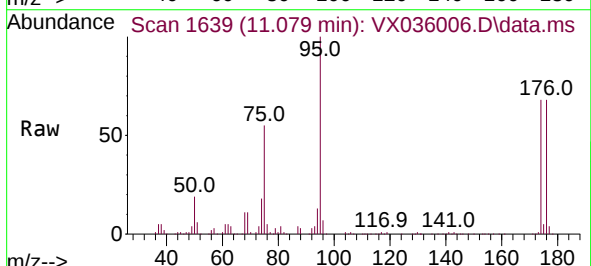
Tgt Ion: 95 Resp: 162478

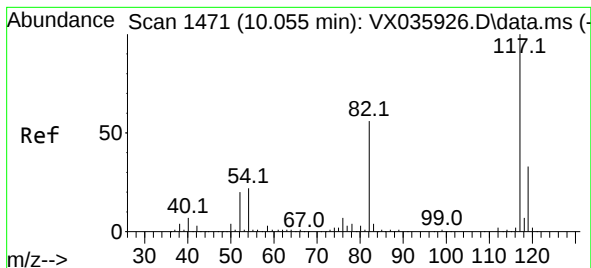
Ion Ratio Lower Upper

95 100

174 68.0 0.0 132.6

176 65.8 0.0 128.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX036006.D

Acq: 05 Jun 2023 16:05

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-RW11-EB-20230524

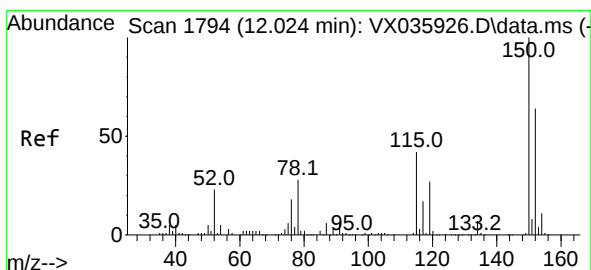
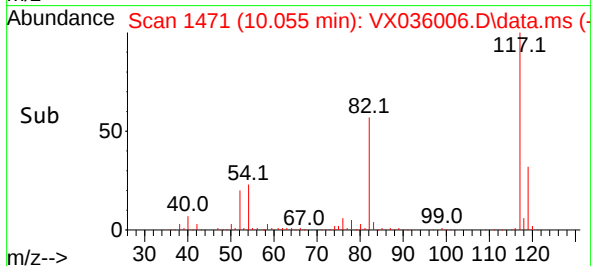
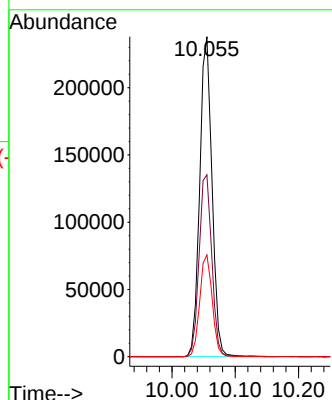
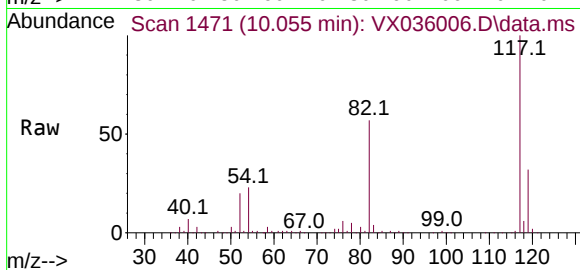
Tgt Ion:117 Resp: 322497

Ion Ratio Lower Upper

117 100

82 56.9 46.6 69.8

119 31.8 25.4 38.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX036006.D

Acq: 05 Jun 2023 16:05

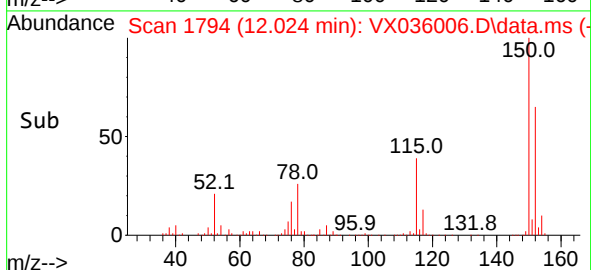
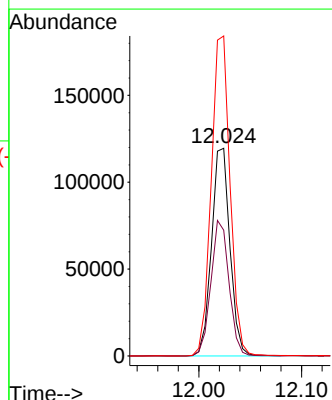
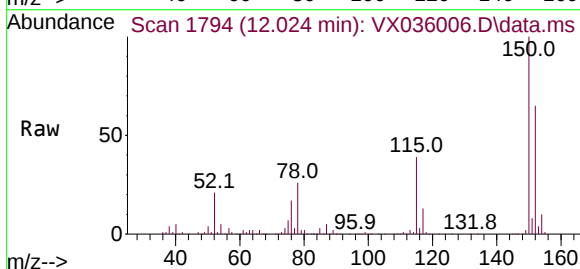
Tgt Ion:152 Resp: 148631

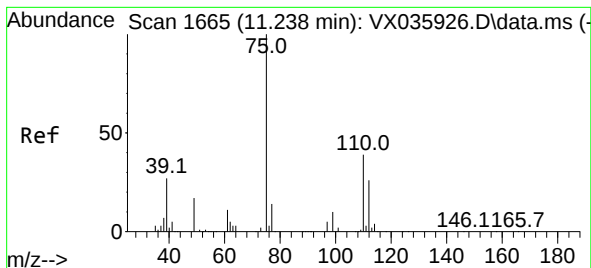
Ion Ratio Lower Upper

152 100

115 64.1 45.5 136.5

150 157.8 0.0 345.2





#76

1,2,3-Trichloropropane

Concen: 25.606 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX036006.D

Acq: 05 Jun 2023 16:05

Instrument :

MSVOA_X

ClientSampleId :

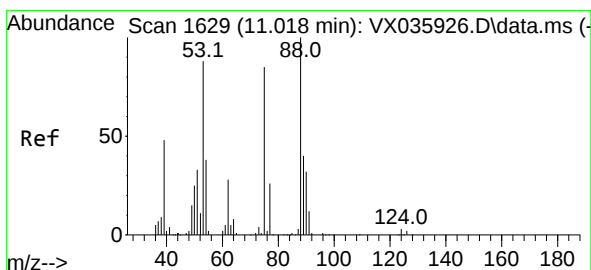
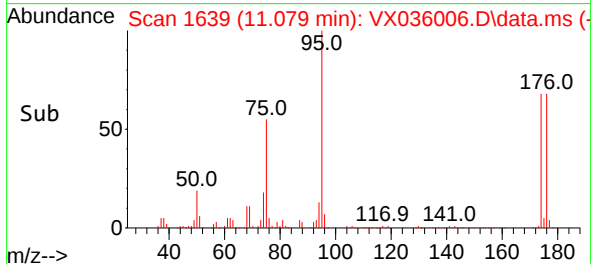
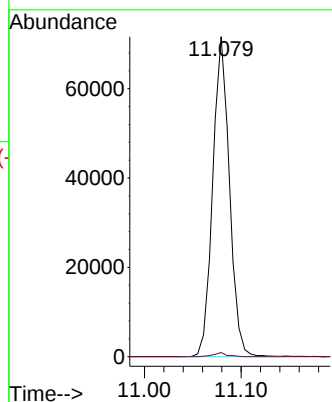
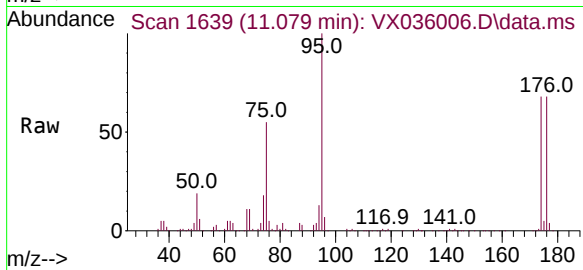
BP-VPB-RW11-EB-20230524

Tgt Ion: 75 Resp: 85838

Ion Ratio Lower Upper

75 100

77 1.1 21.4 64.2#



#81

trans-1,4-Dichloro-2-butene

Concen: 86.249 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX036006.D

Acq: 05 Jun 2023 16:05

Tgt Ion: 75 Resp: 85838

Ion Ratio Lower Upper

75 100

53 0.0 95.2 142.8#

89 0.0 38.0 57.0#

