

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060523\
 Data File : VX035999.D
 Acq On : 05 Jun 2023 13:21
 Operator : JC/MD
 Sample : 03022-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW11-EB-20230601

Quant Time: Jun 06 06:44:04 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	234794	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	381403	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	349538	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	164229	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	174123	45.669	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.340%
35) Dibromofluoromethane	5.385	113	118459	46.178	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.360%
50) Toluene-d8	8.647	98	469302	50.974	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.940%
62) 4-Bromofluorobenzene	11.079	95	175815	48.375	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.760%

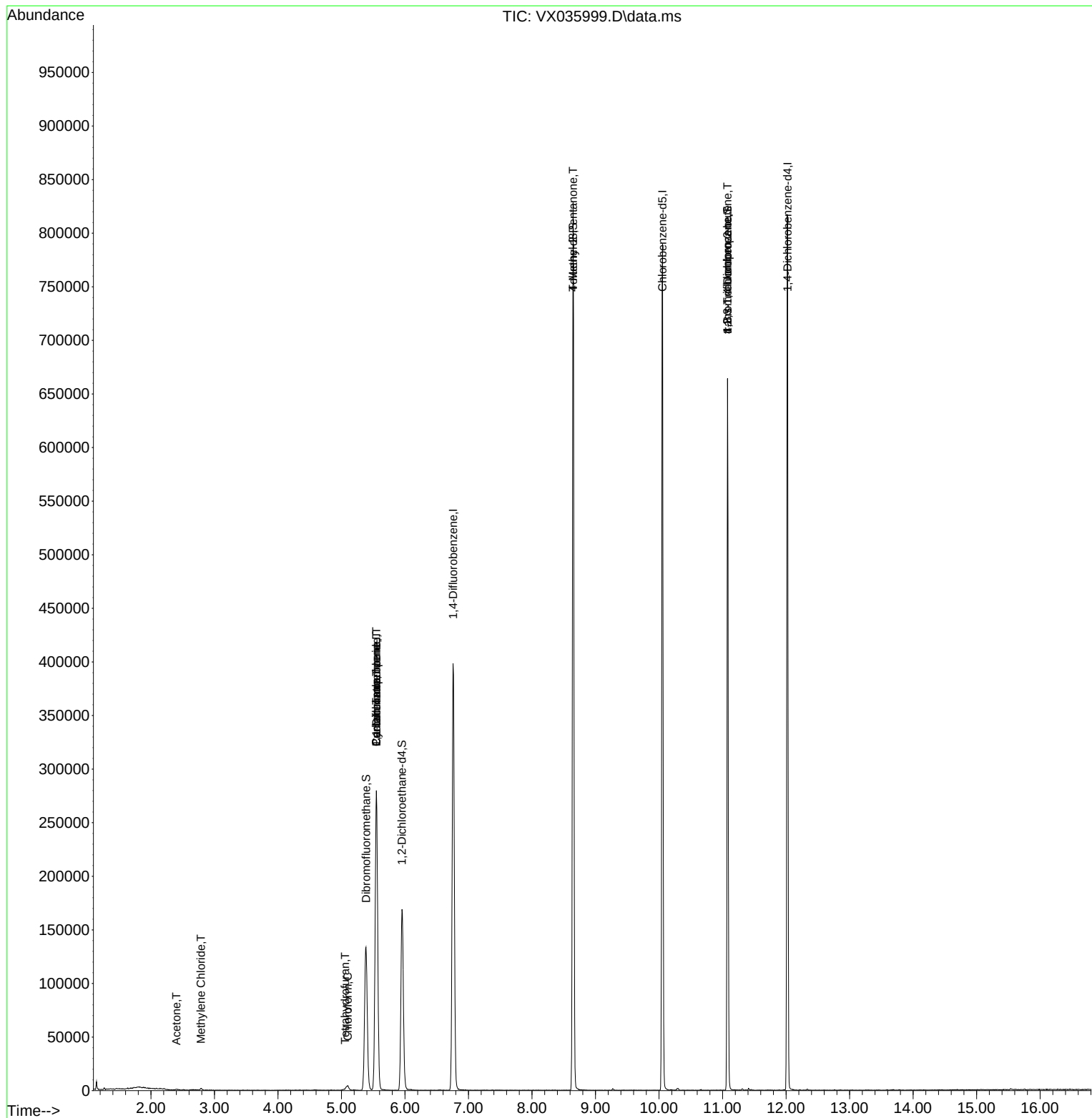
Target Compounds					Qvalue	
16) Acetone	2.398	43	1258	0.800	ug/l #	47
20) Methylene Chloride	2.788	84	674	0.222	ug/l	89
29) Tetrahydrofuran	5.056	42	885	0.610	ug/l #	42
30) Chloroform	5.098	83	5205	0.967	ug/l	95
31) Cyclohexane	5.550	56	6213	1.556	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	22444	6.562	ug/l #	51
38) Carbon Tetrachloride	5.550	117	27392	8.218	ug/l #	18
51) 4-Methyl-2-Pentanone	8.647	43	2229	0.583	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	93534	25.252	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	93534	85.055	ug/l #	3

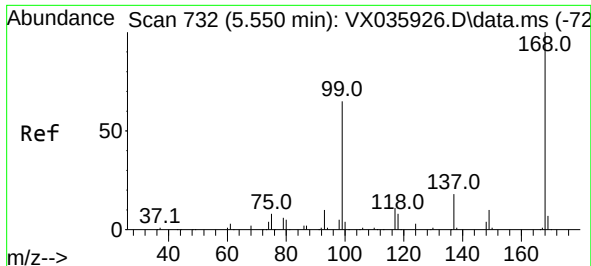
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 06 06:44:04 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

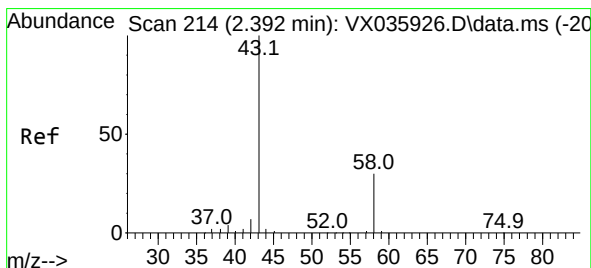
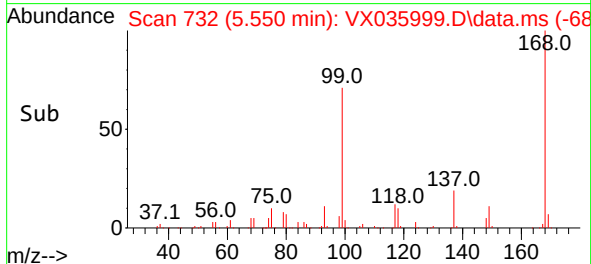
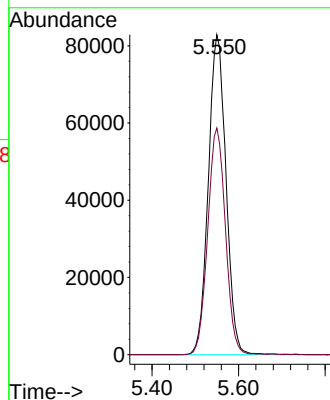
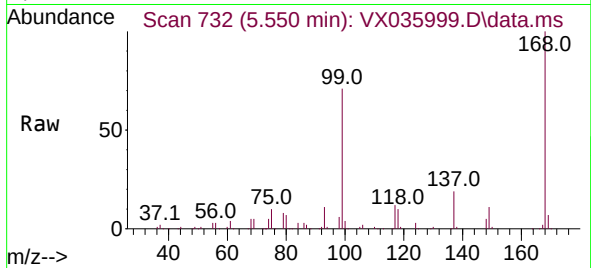




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX035999.D
Acq: 05 Jun 2023 13:21

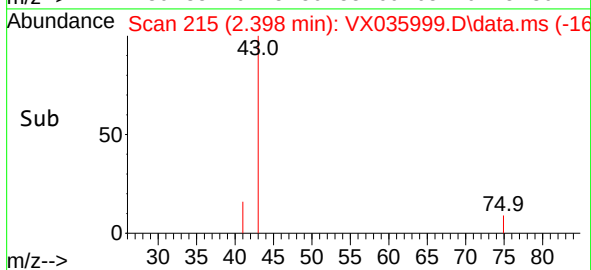
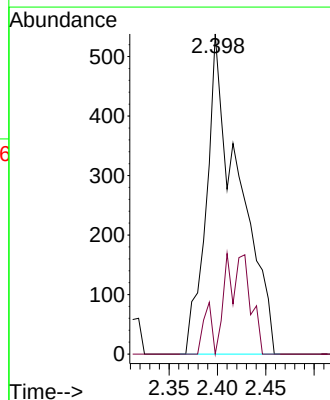
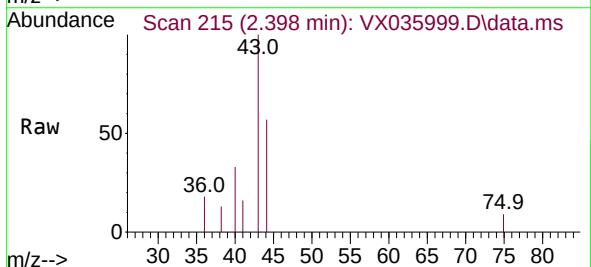
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW11-EB-20230601

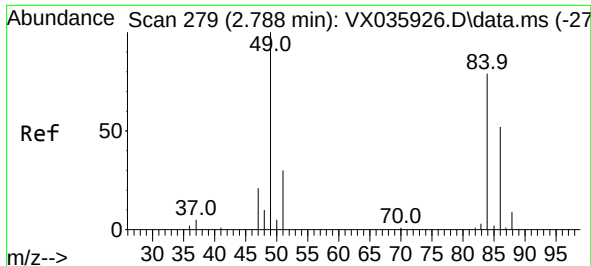
Tgt Ion:168 Resp: 234794
Ion Ratio Lower Upper
168 100
99 70.8 57.0 85.6



#16
Acetone
Concen: 0.800 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.007 min
Lab File: VX035999.D
Acq: 05 Jun 2023 13:21

Tgt Ion: 43 Resp: 1258
Ion Ratio Lower Upper
43 100
58 0.0 22.2 33.2#





#20

Methylene Chloride

Concen: 0.222 ug/l

RT: 2.788 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX035999.D

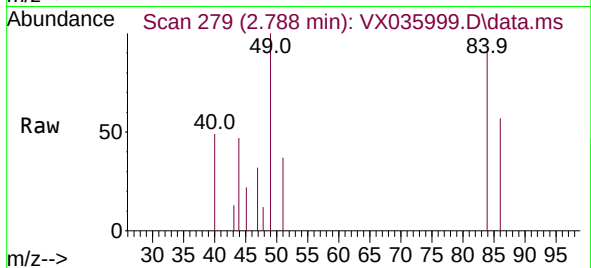
Acq: 05 Jun 2023 13:21

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-RW11-EB-20230601



Tgt Ion: 84 Resp: 674

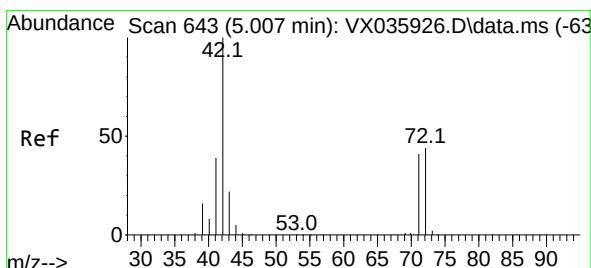
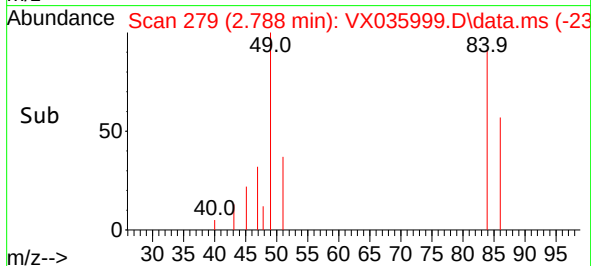
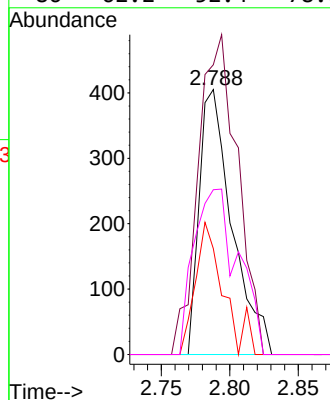
Ion Ratio Lower Upper

84 100

49 109.4 104.6 156.8

51 40.0 32.2 48.4

86 62.2 52.4 78.6



#29

Tetrahydrofuran

Concen: 0.610 ug/l

RT: 5.056 min Scan# 651

Delta R.T. 0.043 min

Lab File: VX035999.D

Acq: 05 Jun 2023 13:21

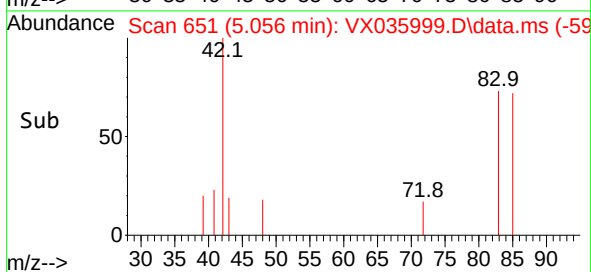
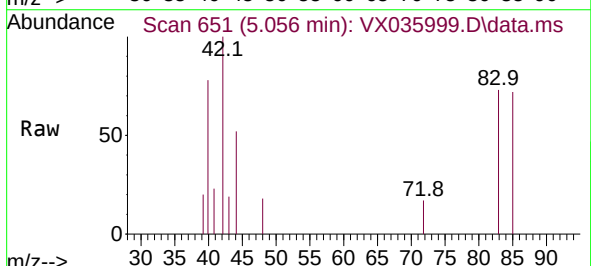
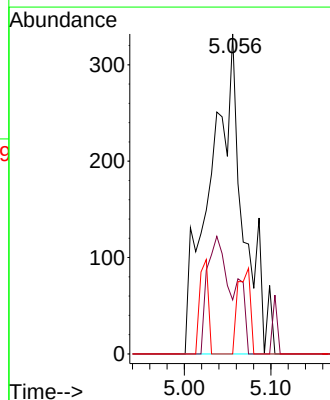
Tgt Ion: 42 Resp: 885

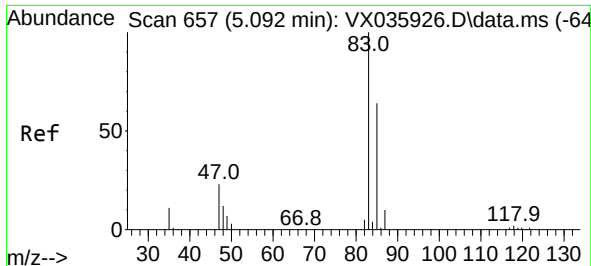
Ion Ratio Lower Upper

42 100

72 0.0 34.2 51.2#

71 9.8 31.8 47.8#

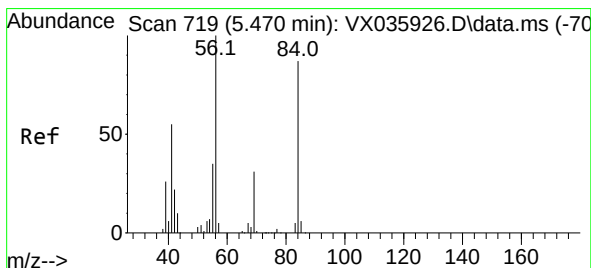
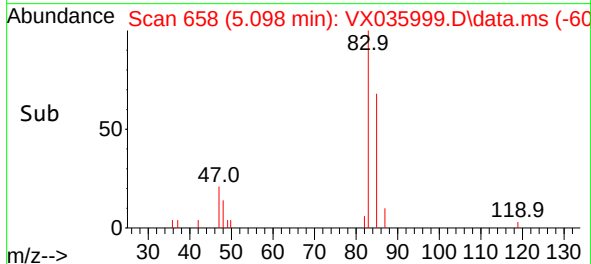
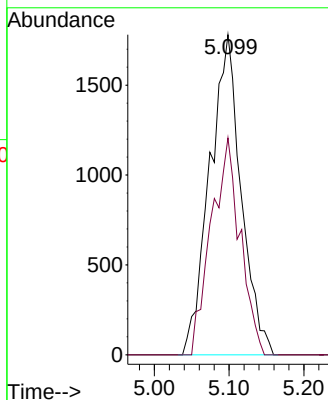
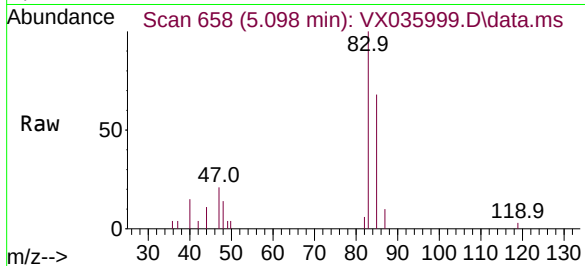




#30
Chloroform
Concen: 0.967 ug/l
RT: 5.098 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX035999.D
Acq: 05 Jun 2023 13:21

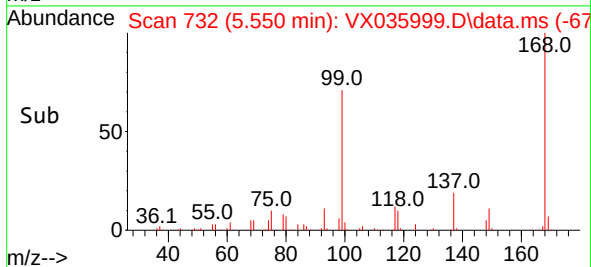
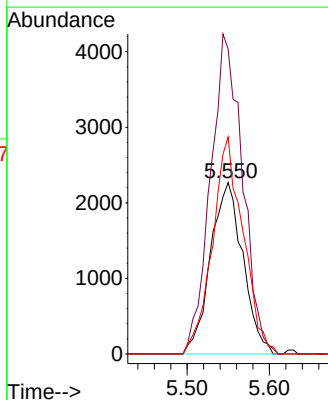
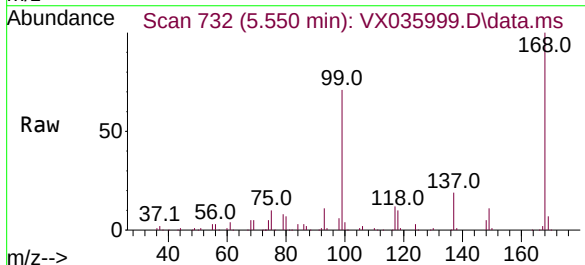
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW11-EB-20230601

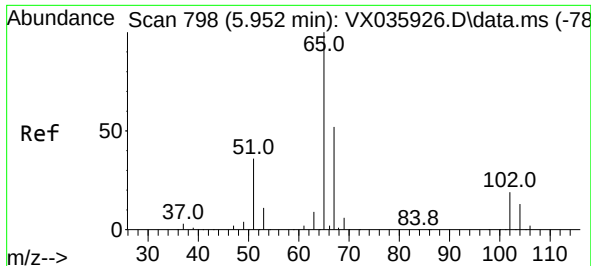
Tgt Ion: 83 Resp: 5205
Ion Ratio Lower Upper
83 100
85 67.8 51.0 76.4



#31
Cyclohexane
Concen: 1.556 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.080 min
Lab File: VX035999.D
Acq: 05 Jun 2023 13:21

Tgt Ion: 56 Resp: 6213
Ion Ratio Lower Upper
56 100
69 177.9 25.9 38.9#
84 126.6 67.6 101.4#

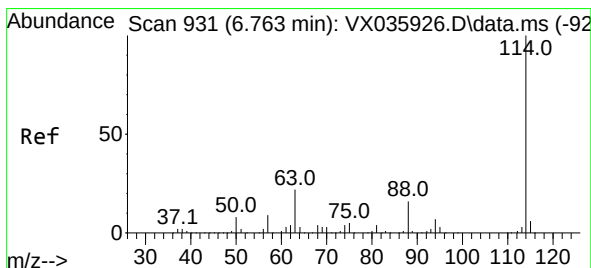
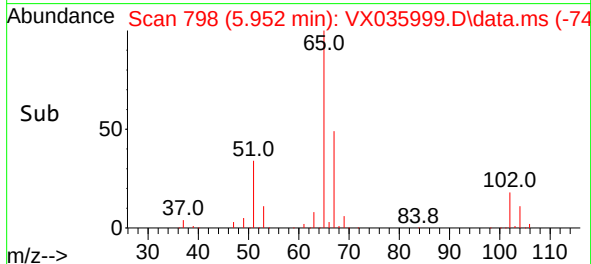
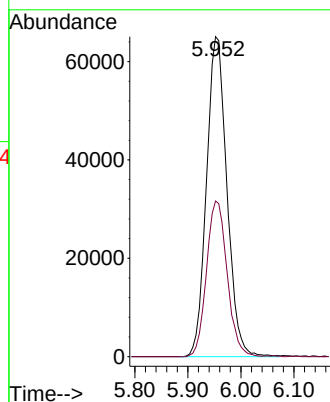
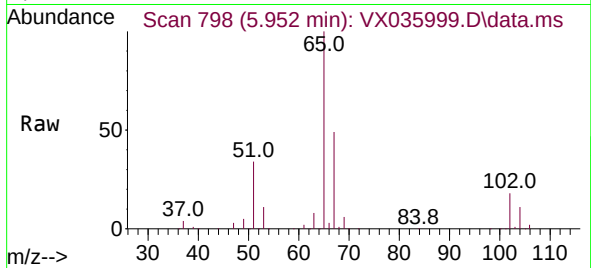




#33
 1,2-Dichloroethane-d4
 Concen: 45.669 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX035999.D
 Acq: 05 Jun 2023 13:21

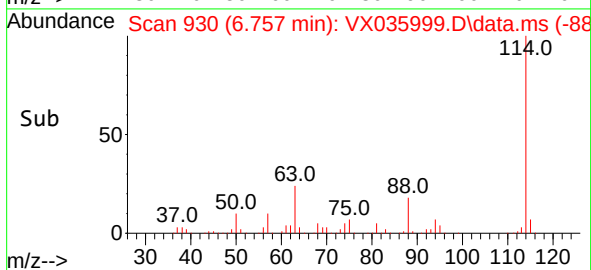
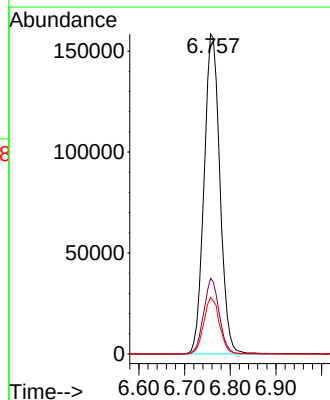
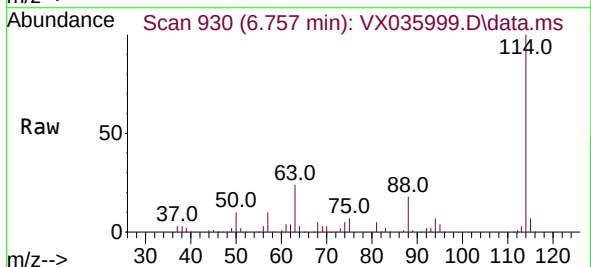
Instrument : MSVOA_X
 ClientSampleId : BP-VPB-RW11-EB-20230601

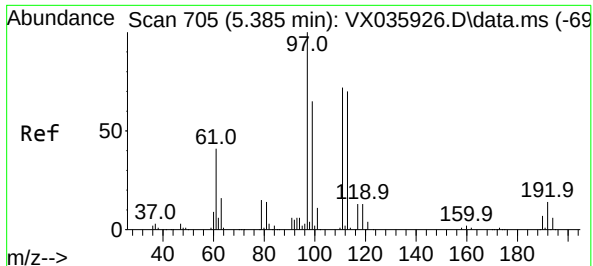
Tgt Ion: 65 Resp: 174123
 Ion Ratio Lower Upper
 65 100
 67 49.1 0.0 99.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.006 min
 Lab File: VX035999.D
 Acq: 05 Jun 2023 13:21

Tgt Ion: 114 Resp: 381403
 Ion Ratio Lower Upper
 114 100
 63 23.7 0.0 46.0
 88 17.7 0.0 35.2

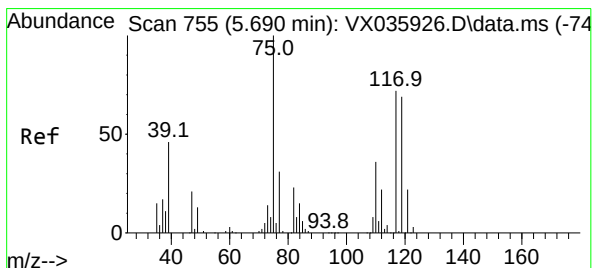
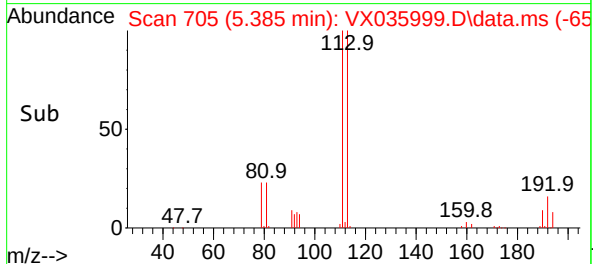
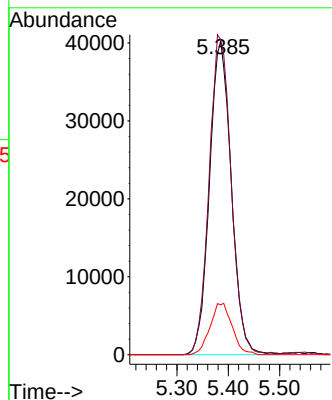
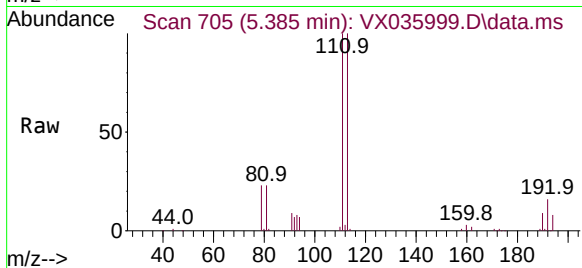




#35
Dibromofluoromethane
Concen: 46.178 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035999.D
Acq: 05 Jun 2023 13:21

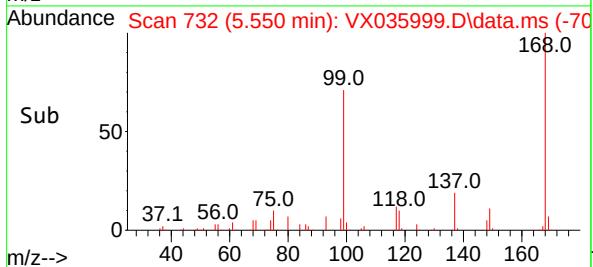
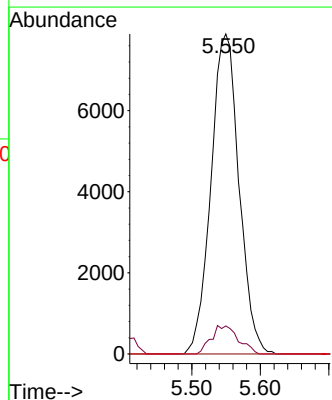
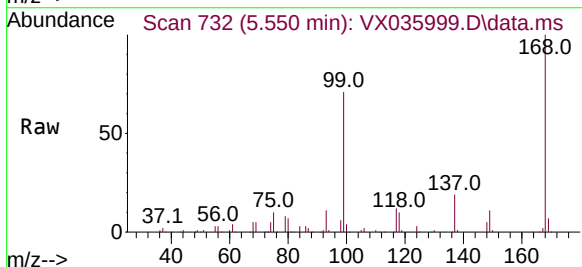
Instrument :
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ClientSampleId :
BP-VPB-RW11-EB-20230601

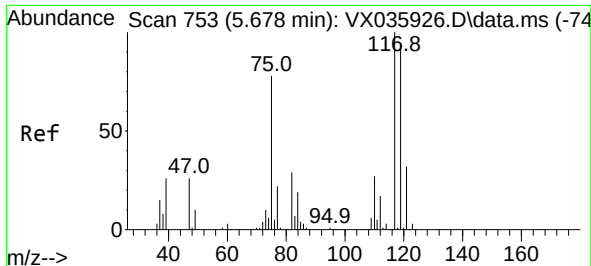
Tgt Ion:113 Resp: 118459
Ion Ratio Lower Upper
113 100
111 103.0 81.7 122.5
192 16.6 13.5 20.3



#36
1,1-Dichloropropene
Concen: 6.562 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX035999.D
Acq: 05 Jun 2023 13:21

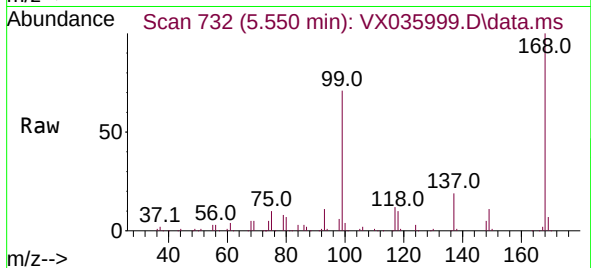
Tgt Ion: 75 Resp: 22444
Ion Ratio Lower Upper
75 100
110 8.6 16.6 49.7#
77 0.0 24.4 36.6#



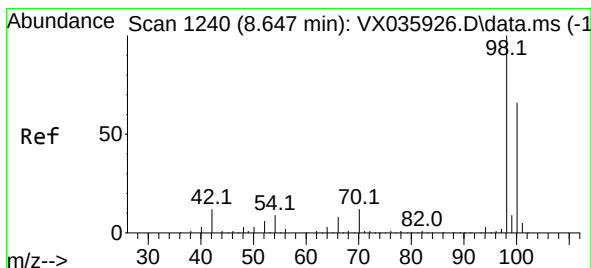
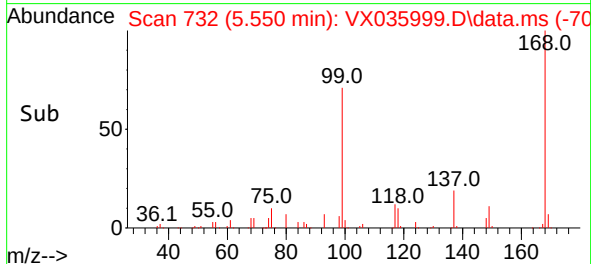
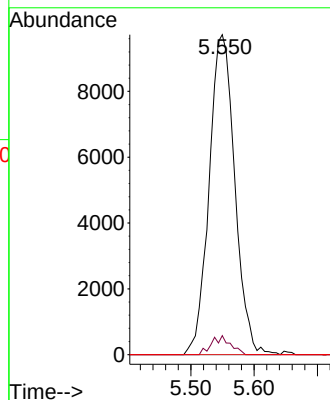


#38
Carbon Tetrachloride
Concen: 8.218 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.127 min
Lab File: VX035999.D
Acq: 05 Jun 2023 13:21

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW11-EB-20230601

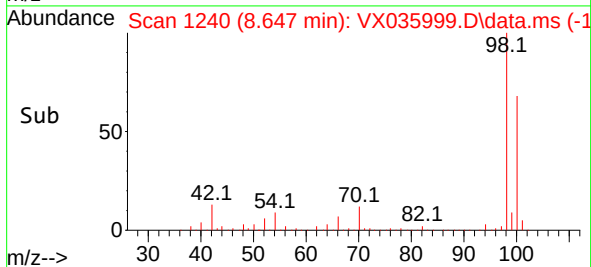
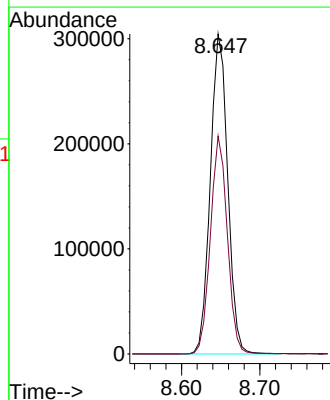
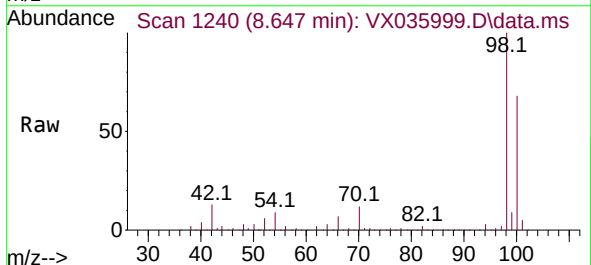


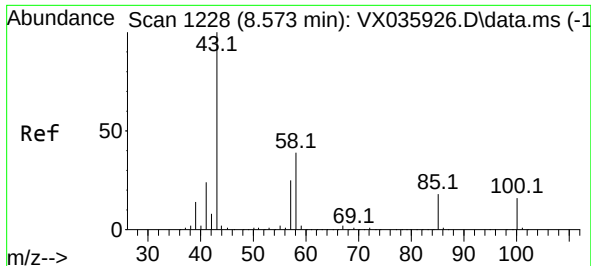
Tgt Ion:117 Resp: 27392
Ion Ratio Lower Upper
117 100
119 5.9 74.1 111.1#
121 0.0 25.0 37.4#



#50
Toluene-d8
Concen: 50.974 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX035999.D
Acq: 05 Jun 2023 13:21

Tgt Ion: 98 Resp: 469302
Ion Ratio Lower Upper
98 100
100 66.3 53.4 80.0





#51

4-Methyl-2-Pentanone

Concen: 0.583 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.074 min

Lab File: VX035999.D

Acq: 05 Jun 2023 13:21

Instrument :

MSVOA_X

ClientSampleId :

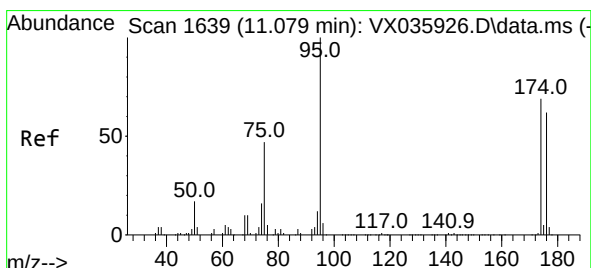
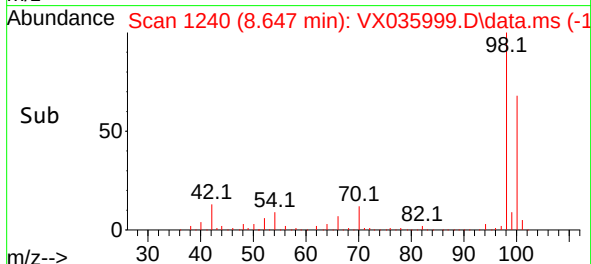
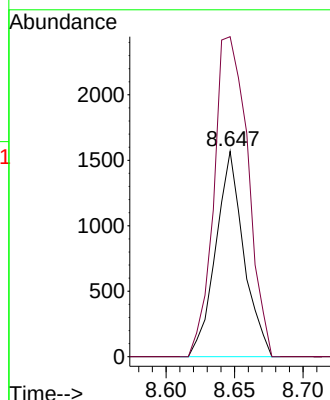
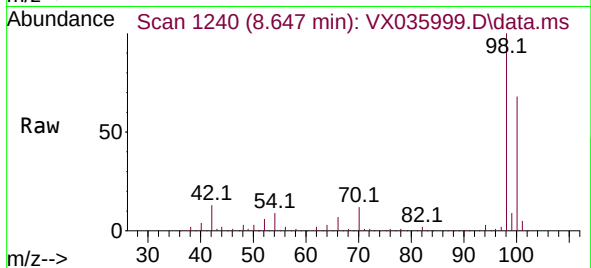
BP-VPB-RW11-EB-20230601

Tgt Ion: 43 Resp: 2229

Ion Ratio Lower Upper

43 100

58 188.9 30.1 45.1#



#62

4-Bromofluorobenzene

Concen: 48.375 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX035999.D

Acq: 05 Jun 2023 13:21

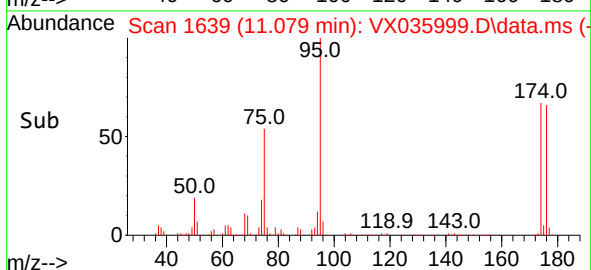
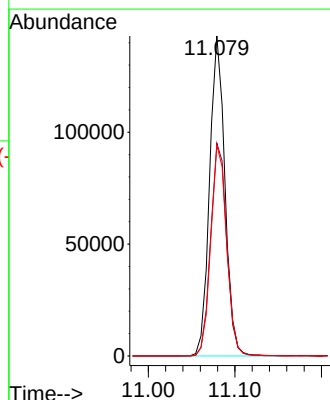
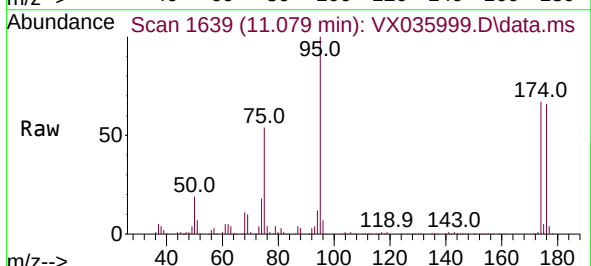
Tgt Ion: 95 Resp: 175815

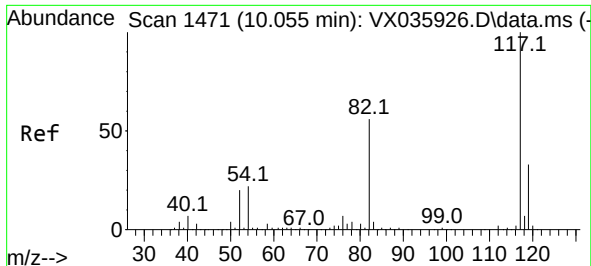
Ion Ratio Lower Upper

95 100

174 69.5 0.0 132.6

176 67.9 0.0 128.0

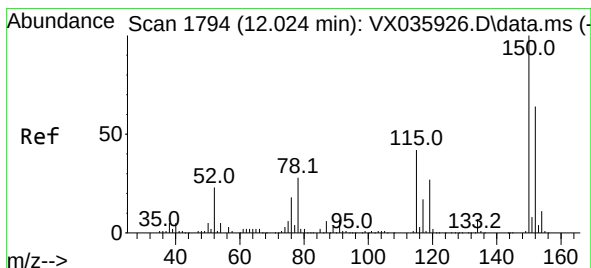
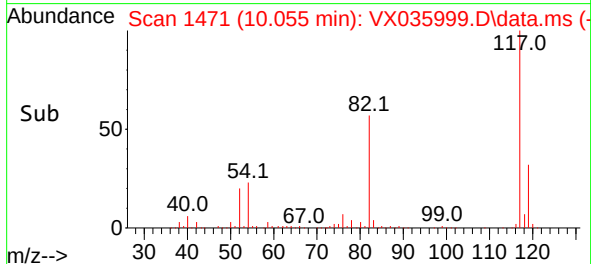
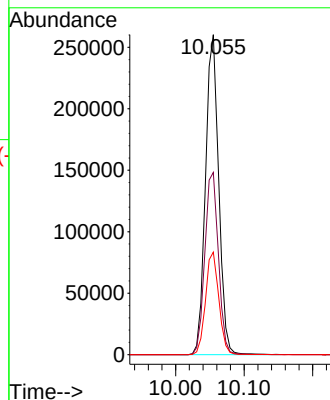
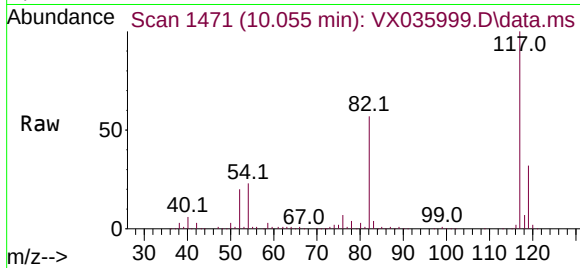




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035999.D
Acq: 05 Jun 2023 13:21

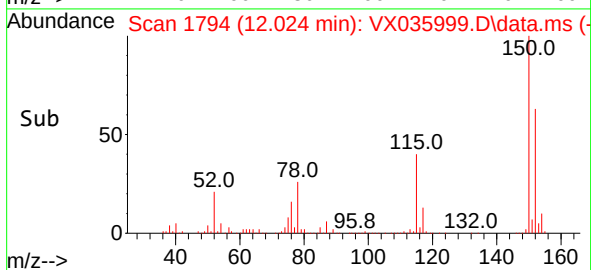
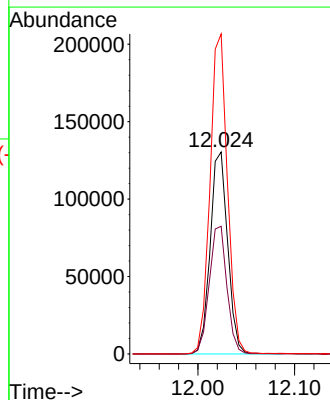
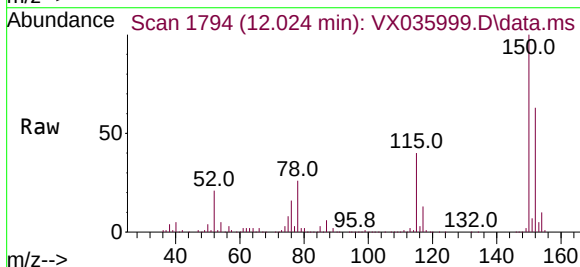
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW11-EB-20230601

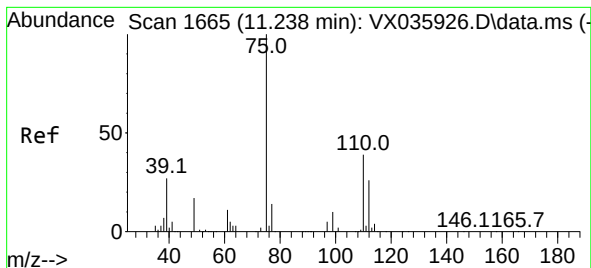
Tgt Ion:117 Resp: 349538
Ion Ratio Lower Upper
117 100
82 57.0 46.6 69.8
119 32.1 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035999.D
Acq: 05 Jun 2023 13:21

Tgt Ion:152 Resp: 164229
Ion Ratio Lower Upper
152 100
115 64.1 45.5 136.5
150 157.9 0.0 345.2





#76

1,2,3-Trichloropropane

Concen: 25.252 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.158 min

Lab File: VX035999.D

Acq: 05 Jun 2023 13:21

Instrument :

MSVOA_X

ClientSampleId :

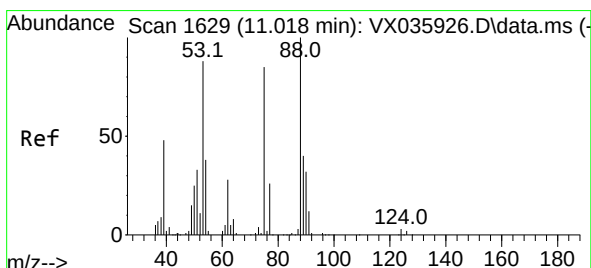
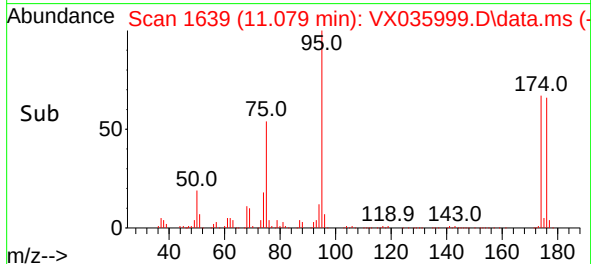
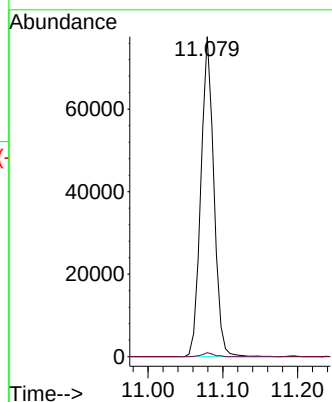
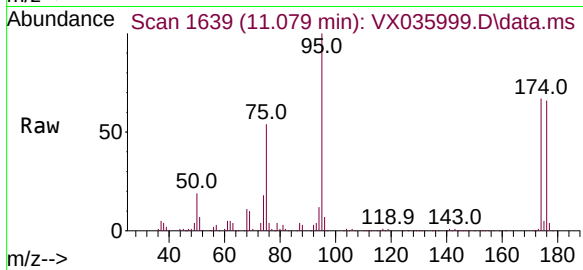
BP-VPB-RW11-EB-20230601

Tgt Ion: 75 Resp: 93534

Ion Ratio Lower Upper

75 100

77 1.1 21.4 64.2#



#81

trans-1,4-Dichloro-2-butene

Concen: 85.055 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX035999.D

Acq: 05 Jun 2023 13:21

Tgt Ion: 75 Resp: 93534

Ion Ratio Lower Upper

75 100

53 0.0 95.2 142.8#

89 0.0 38.0 57.0#

