

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060523\
 Data File : VX036005.D
 Acq On : 05 Jun 2023 15:42
 Operator : JC/MD
 Sample : 03022-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW11-GW-618-620

Quant Time: Jun 06 06:45:45 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)

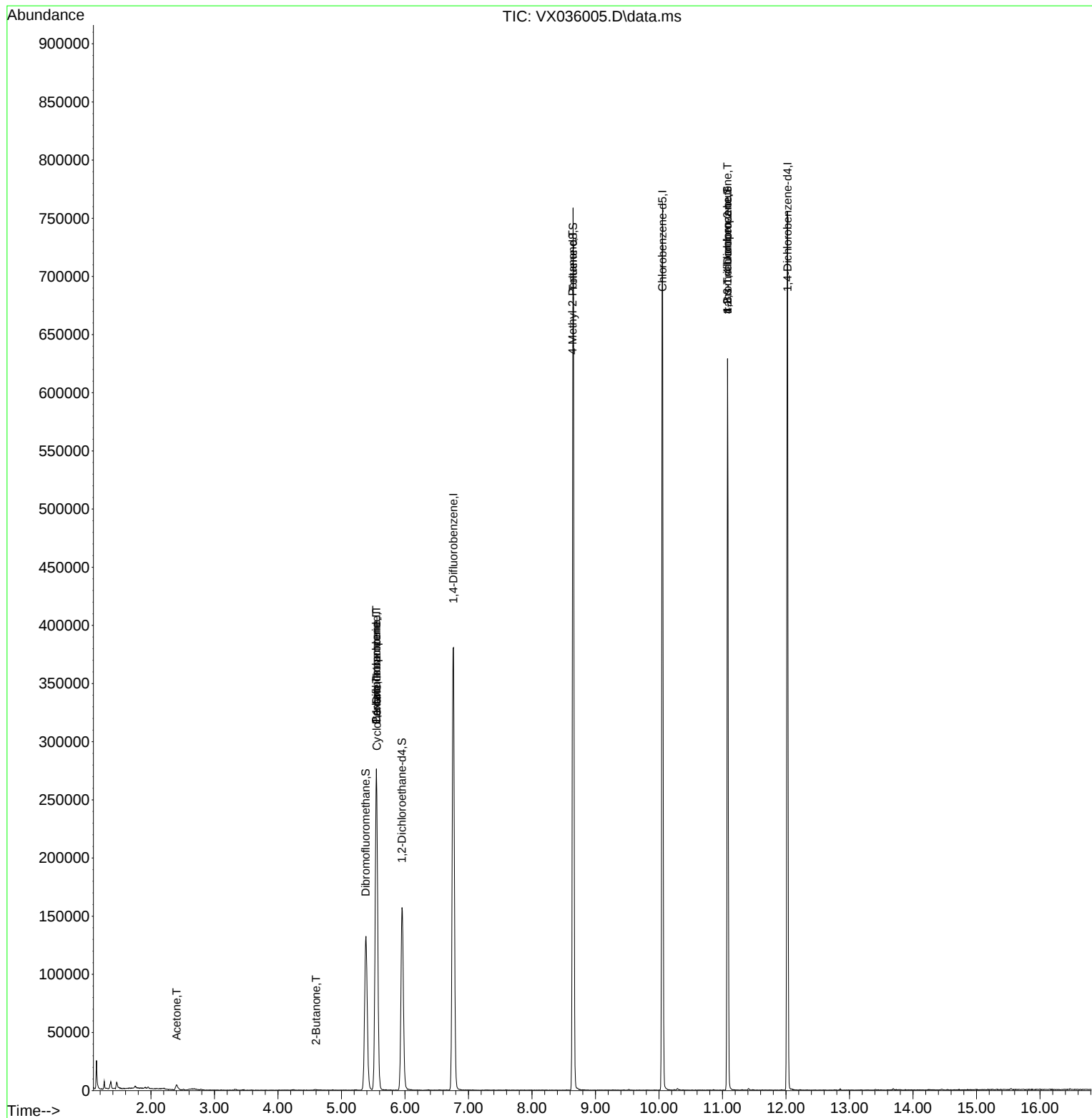
Internal Standards						
1) Pentafluorobenzene	5.550	168	237914	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	384043	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	328745	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	151727	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	159104	41.183	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	82.360%	
35) Dibromofluoromethane	5.379	113	116110	44.951	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	89.900%	
50) Toluene-d8	8.647	98	431385	46.534	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	93.060%	
62) 4-Bromofluorobenzene	11.079	95	164514	44.955	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	89.900%	
Target Compounds						
					Qvalue	
16) Acetone	2.404	43	7286	4.571	ug/l	93
25) 2-Butanone	4.599	43	1142	0.501	ug/l #	51
31) Cyclohexane	5.556	56	5656	1.398	ug/l #	21
36) 1,1-Dichloropropene	5.550	75	21401	6.214	ug/l #	52
38) Carbon Tetrachloride	5.550	117	26835	7.995	ug/l #	16
51) 4-Methyl-2-Pentanone	8.641	43	2347	0.610	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	86556	25.293	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	86556	85.195	ug/l #	3

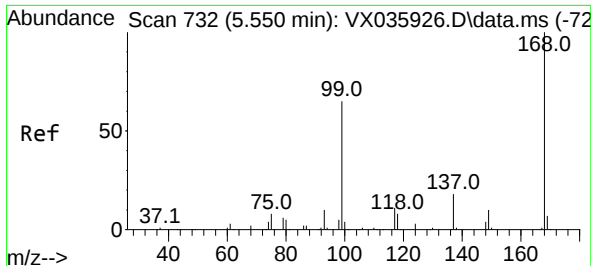
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed May 31 12:50:30 2023
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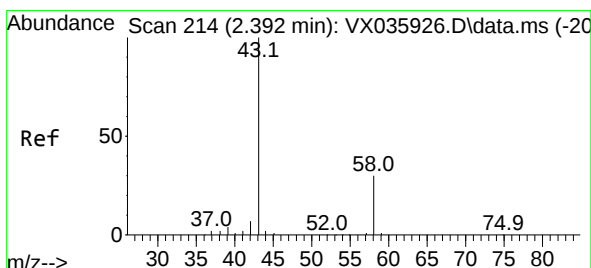
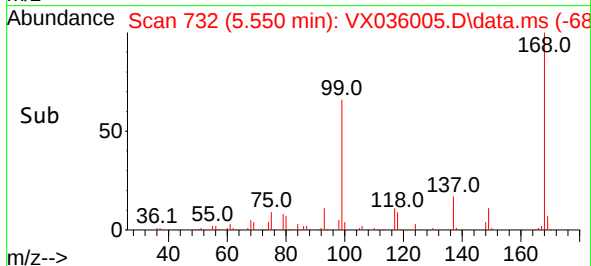
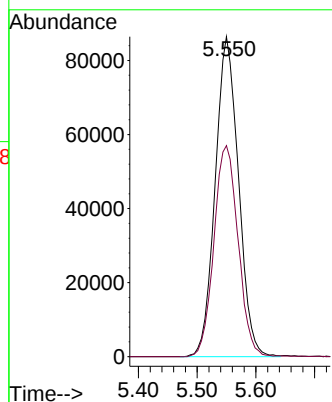
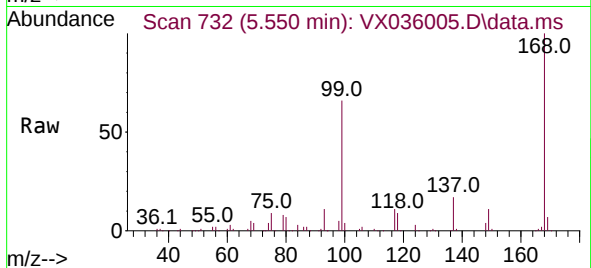




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.001 min
Lab File: VX036005.D
Acq: 05 Jun 2023 15:42

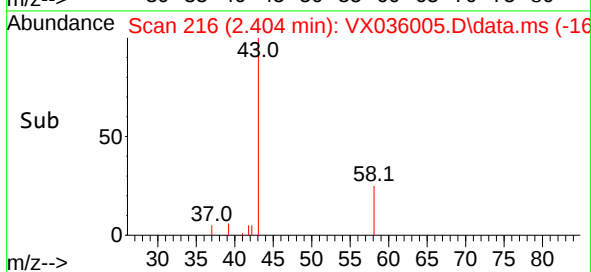
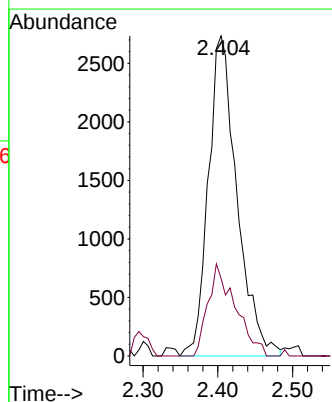
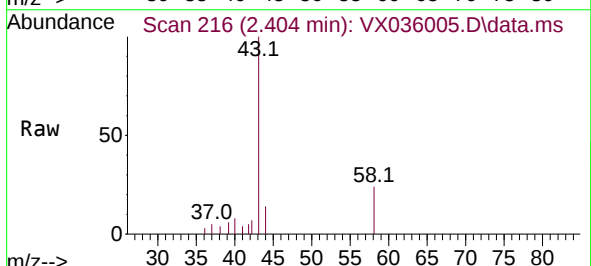
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW11-GW-618-620

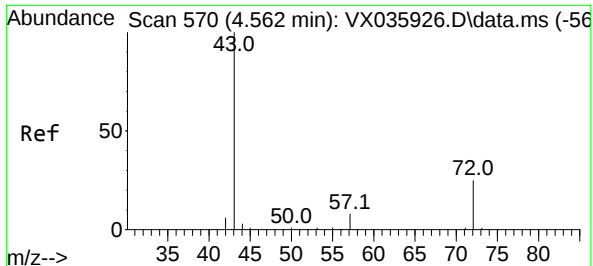
Tgt Ion:168 Resp: 237914
Ion Ratio Lower Upper
168 100
99 65.9 57.0 85.6



#16
Acetone
Concen: 4.571 ug/l
RT: 2.404 min Scan# 216
Delta R.T. 0.013 min
Lab File: VX036005.D
Acq: 05 Jun 2023 15:42

Tgt Ion: 43 Resp: 7286
Ion Ratio Lower Upper
43 100
58 24.3 22.2 33.2

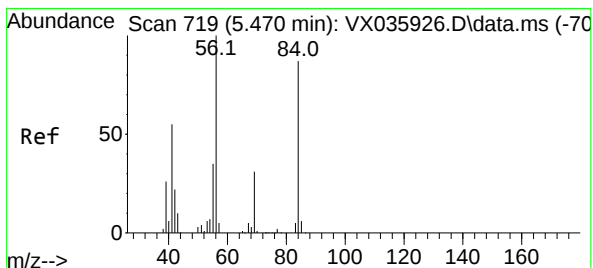
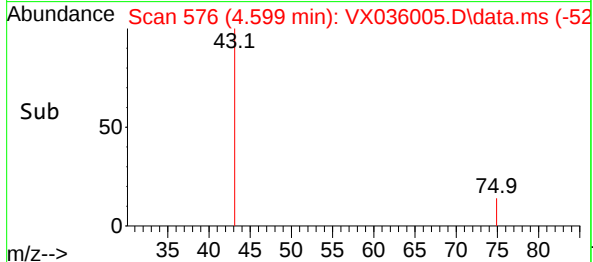
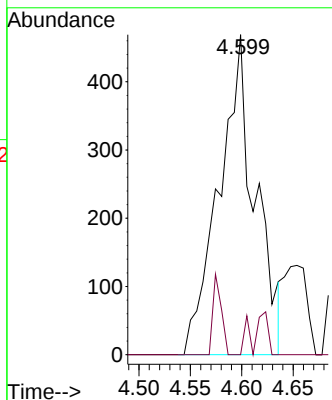
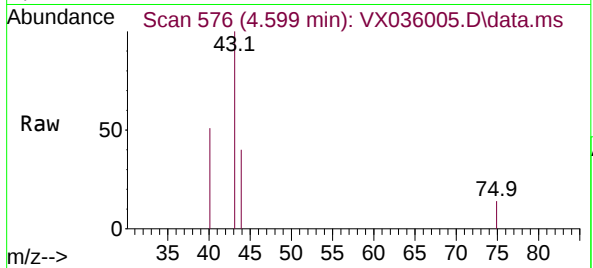




#25
2-Butanone
Concen: 0.501 ug/l
RT: 4.599 min Scan# 51
Delta R.T. 0.037 min
Lab File: VX036005.D
Acq: 05 Jun 2023 15:42

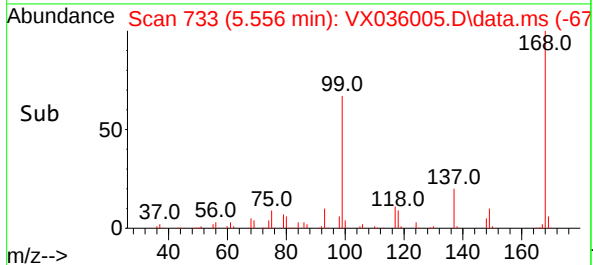
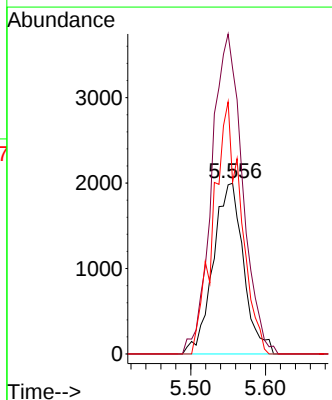
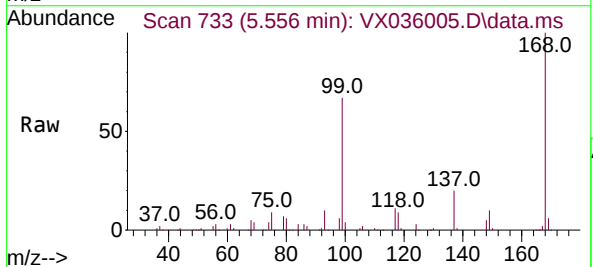
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW11-GW-618-620

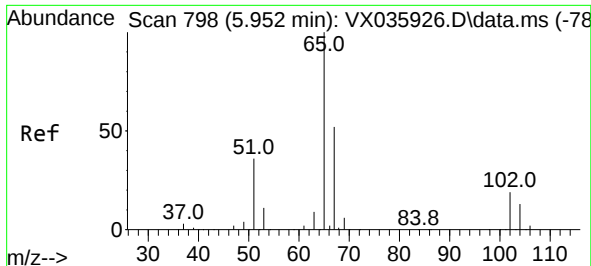
Tgt Ion: 43 Resp: 1142
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#



#31
Cyclohexane
Concen: 1.398 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.086 min
Lab File: VX036005.D
Acq: 05 Jun 2023 15:42

Tgt Ion: 56 Resp: 5656
Ion Ratio Lower Upper
56 100
69 167.2 25.9 38.9#
84 100.6 67.6 101.4





#33

1,2-Dichloroethane-d4

Concen: 41.183 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX036005.D

Acq: 05 Jun 2023 15:42

Instrument :

MSVOA_X

ClientSampleId :

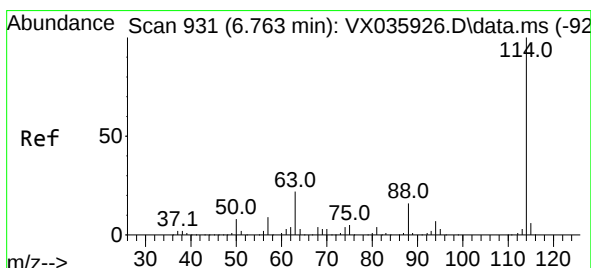
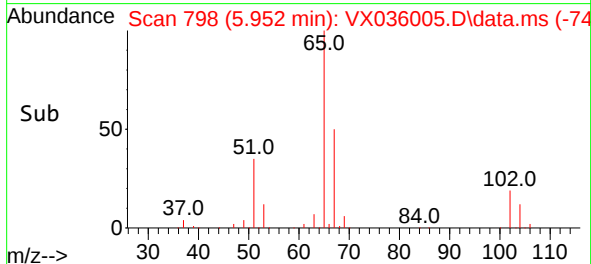
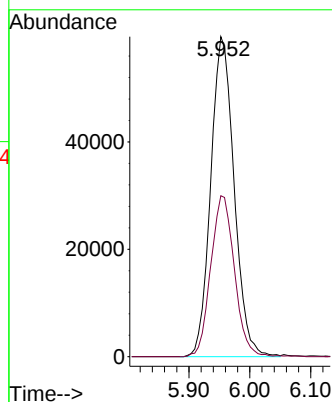
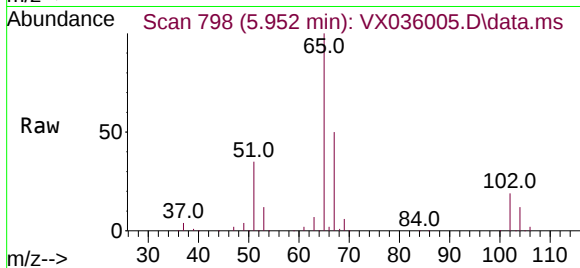
BP-VPB-RW11-GW-618-620

Tgt Ion: 65 Resp: 159104

Ion Ratio Lower Upper

65 100

67 50.8 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: VX036005.D

Acq: 05 Jun 2023 15:42

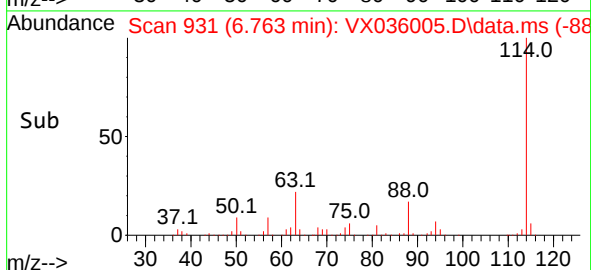
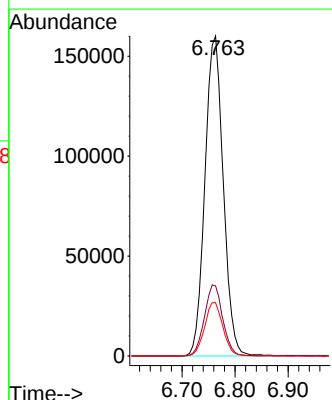
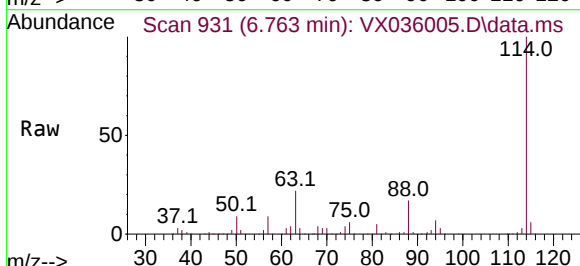
Tgt Ion: 114 Resp: 384043

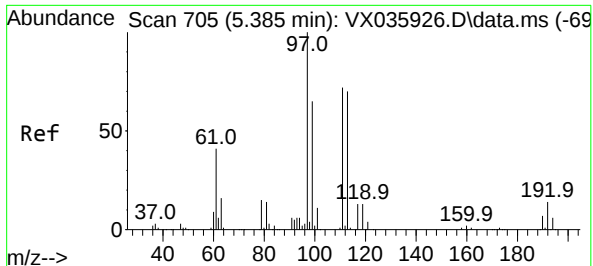
Ion Ratio Lower Upper

114 100

63 21.9 0.0 46.0

88 16.7 0.0 35.2





#35

Dibromofluoromethane

Concen: 44.951 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX036005.D

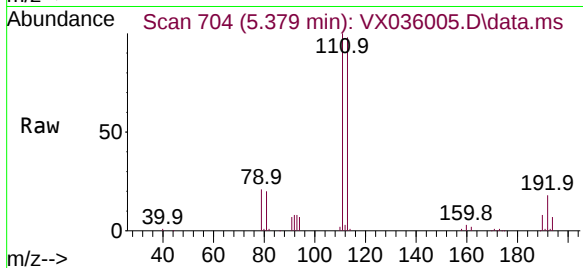
Acq: 05 Jun 2023 15:42

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-RW11-GW-618-620



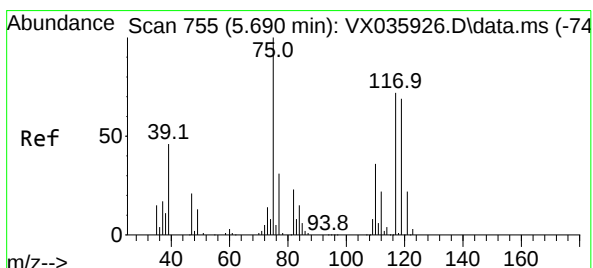
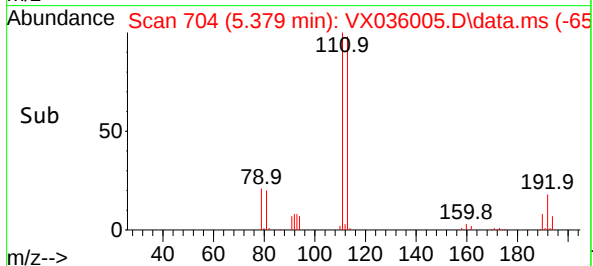
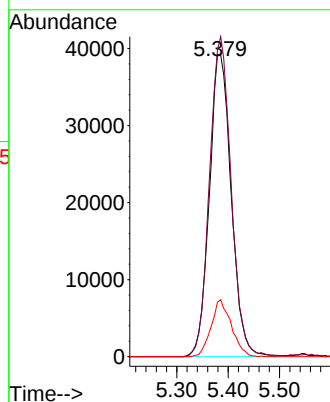
Tgt Ion:113 Resp: 116110

Ion Ratio Lower Upper

113 100

111 104.1 81.7 122.5

192 17.4 13.5 20.3



#36

1,1-Dichloropropene

Concen: 6.214 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.140 min

Lab File: VX036005.D

Acq: 05 Jun 2023 15:42

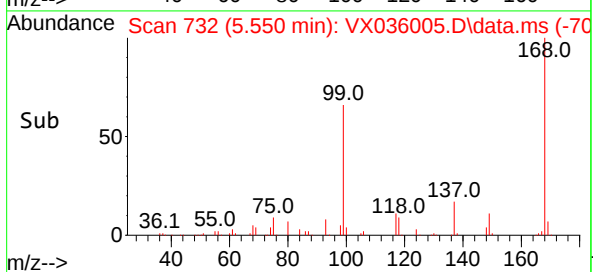
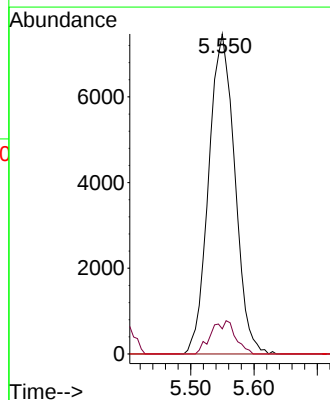
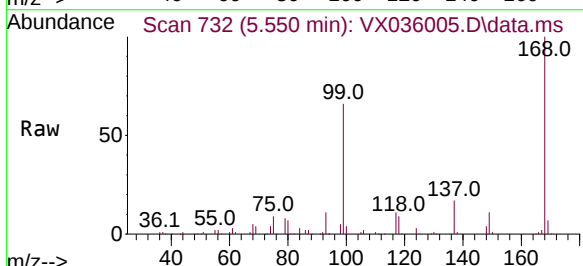
Tgt Ion: 75 Resp: 21401

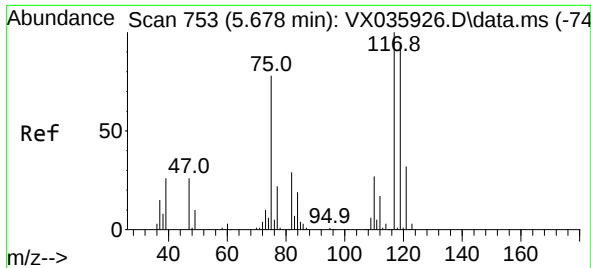
Ion Ratio Lower Upper

75 100

110 9.7 16.6 49.7#

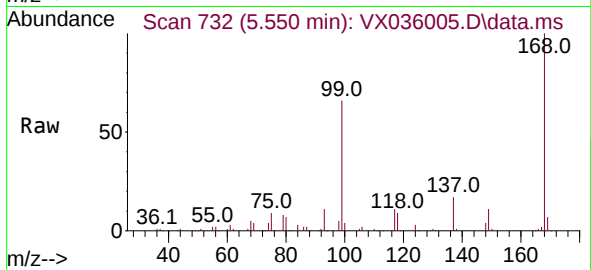
77 0.0 24.4 36.6#



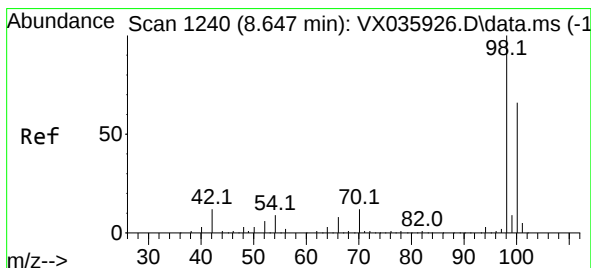
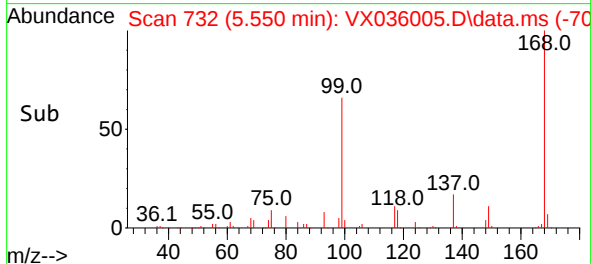
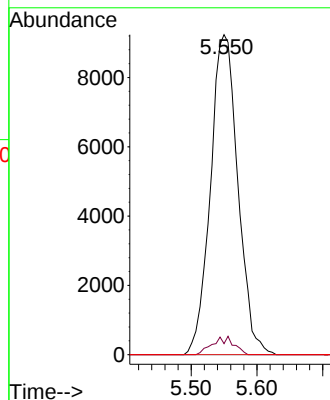


#38
Carbon Tetrachloride
Concen: 7.995 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.127 min
Lab File: VX036005.D
Acq: 05 Jun 2023 15:42

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW11-GW-618-620

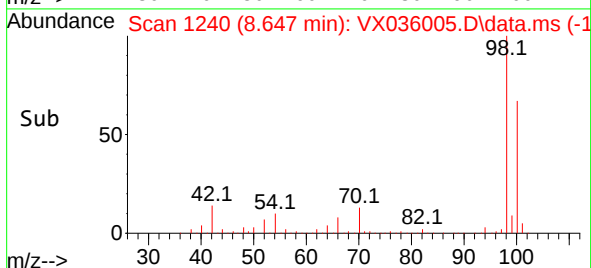
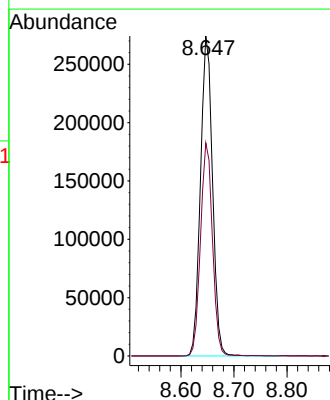
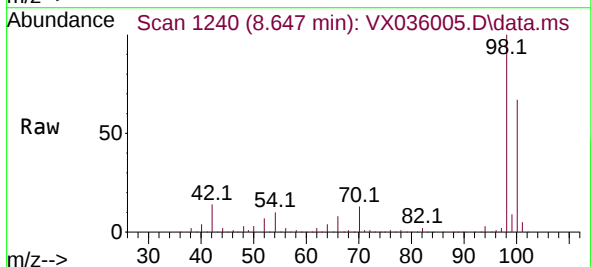


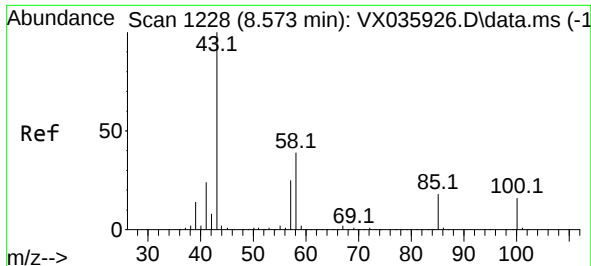
Tgt Ion:117 Resp: 26835
Ion Ratio Lower Upper
117 100
119 3.5 74.1 111.1#
121 0.0 25.0 37.4#



#50
Toluene-d8
Concen: 46.534 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX036005.D
Acq: 05 Jun 2023 15:42

Tgt Ion: 98 Resp: 431385
Ion Ratio Lower Upper
98 100
100 66.1 53.4 80.0





#51

4-Methyl-2-Pentanone

Concen: 0.610 ug/l

RT: 8.641 min Scan# 1

Delta R.T. 0.068 min

Lab File: VX036005.D

Acq: 05 Jun 2023 15:42

Instrument :

MSVOA_X

ClientSampleId :

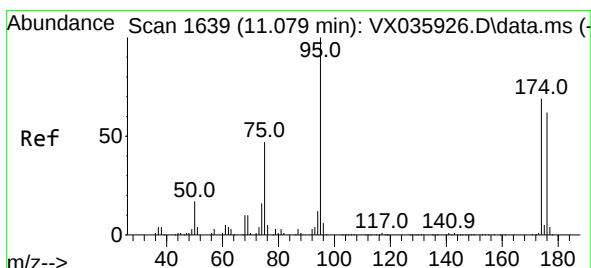
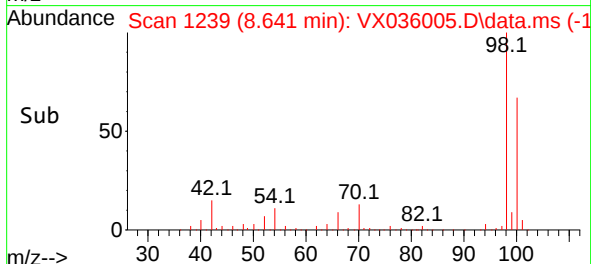
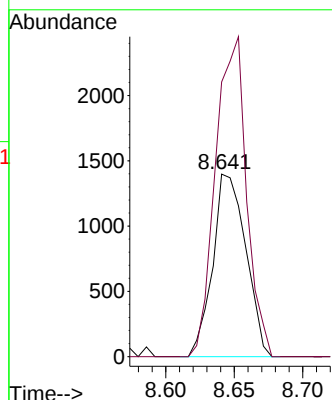
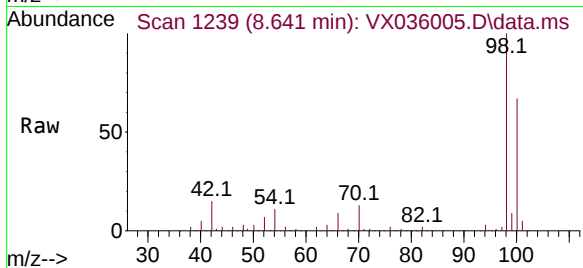
BP-VPB-RW11-GW-618-620

Tgt Ion: 43 Resp: 2347

Ion Ratio Lower Upper

43 100

58 164.3 30.1 45.1#



#62

4-Bromofluorobenzene

Concen: 44.955 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX036005.D

Acq: 05 Jun 2023 15:42

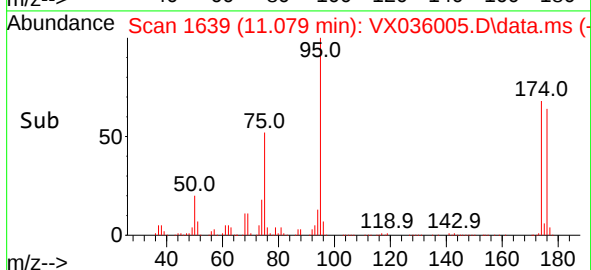
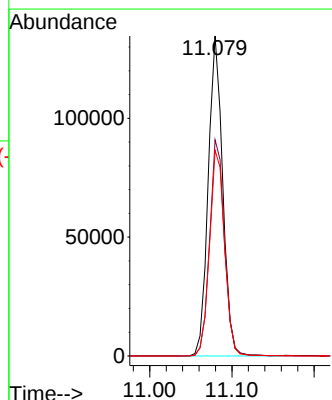
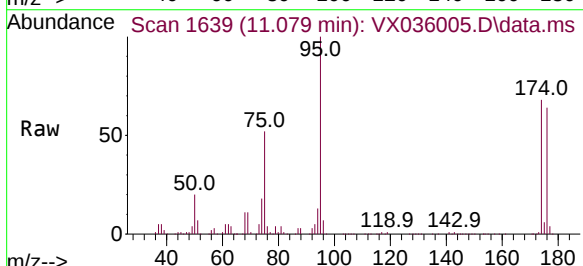
Tgt Ion: 95 Resp: 164514

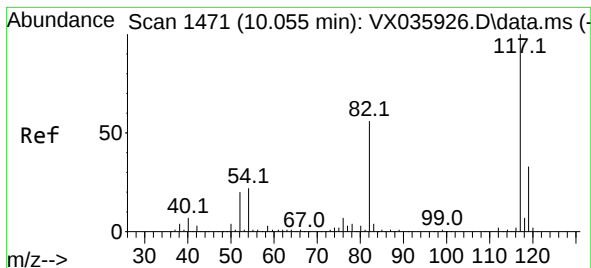
Ion Ratio Lower Upper

95 100

174 69.2 0.0 132.6

176 66.7 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: VX036005.D

Acq: 05 Jun 2023 15:42

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-RW11-GW-618-620

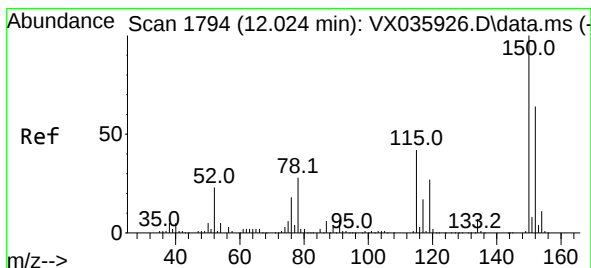
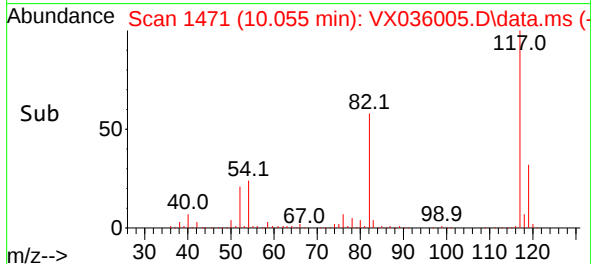
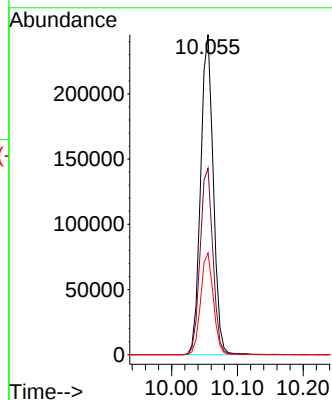
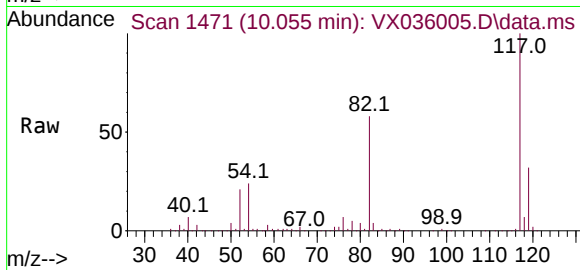
Tgt Ion:117 Resp: 328745

Ion Ratio Lower Upper

117 100

82 58.2 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: VX036005.D

Acq: 05 Jun 2023 15:42

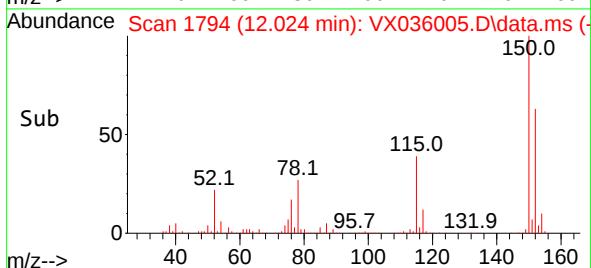
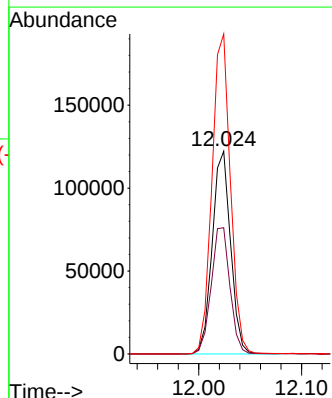
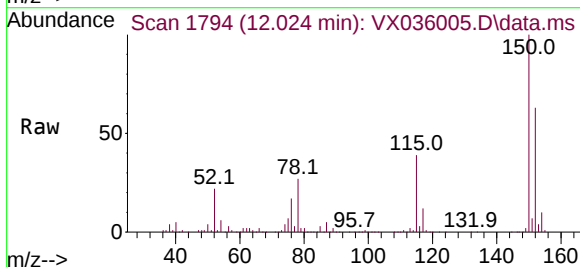
Tgt Ion:152 Resp: 151727

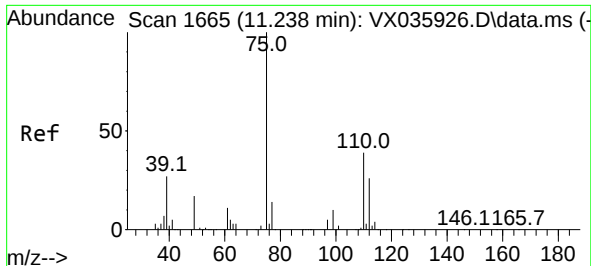
Ion Ratio Lower Upper

152 100

115 63.8 45.5 136.5

150 158.9 0.0 345.2

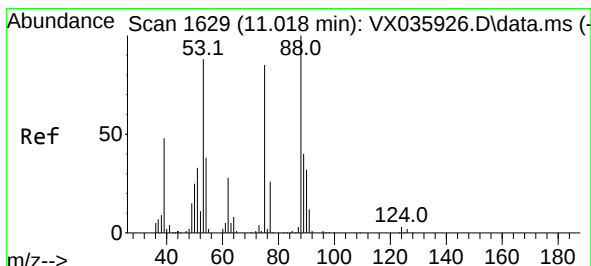
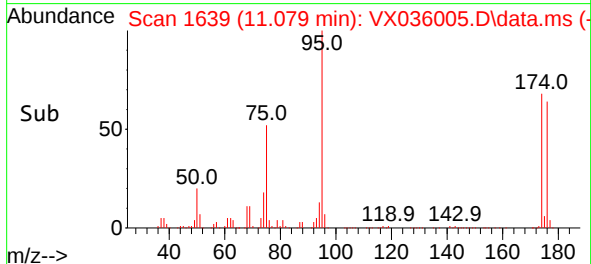
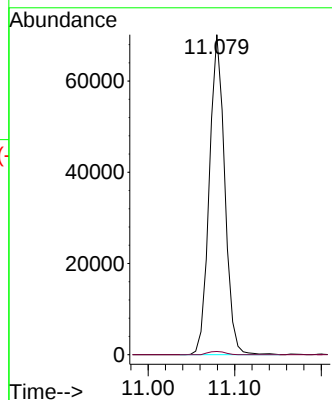
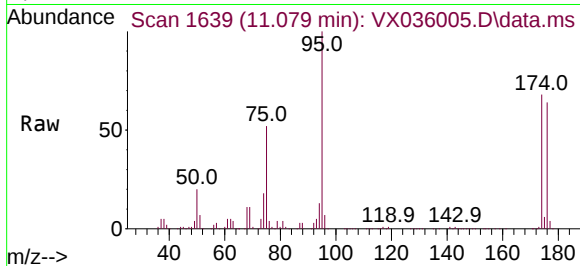




#76
1,2,3-Trichloropropane
Concen: 25.293 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX036005.D
Acq: 05 Jun 2023 15:42

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW11-GW-618-620

Tgt Ion: 75 Resp: 86556
Ion Ratio Lower Upper
75 100
77 1.1 21.4 64.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 85.195 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX036005.D
Acq: 05 Jun 2023 15:42

Tgt Ion: 75 Resp: 86556
Ion Ratio Lower Upper
75 100
53 0.0 95.2 142.8#
89 0.0 38.0 57.0#

