

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060523\
 Data File : VX036001.D
 Acq On : 05 Jun 2023 14:08
 Operator : JC/MD
 Sample : 03022-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW11-GW-538-540

Quant Time: Jun 06 06:44:36 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)

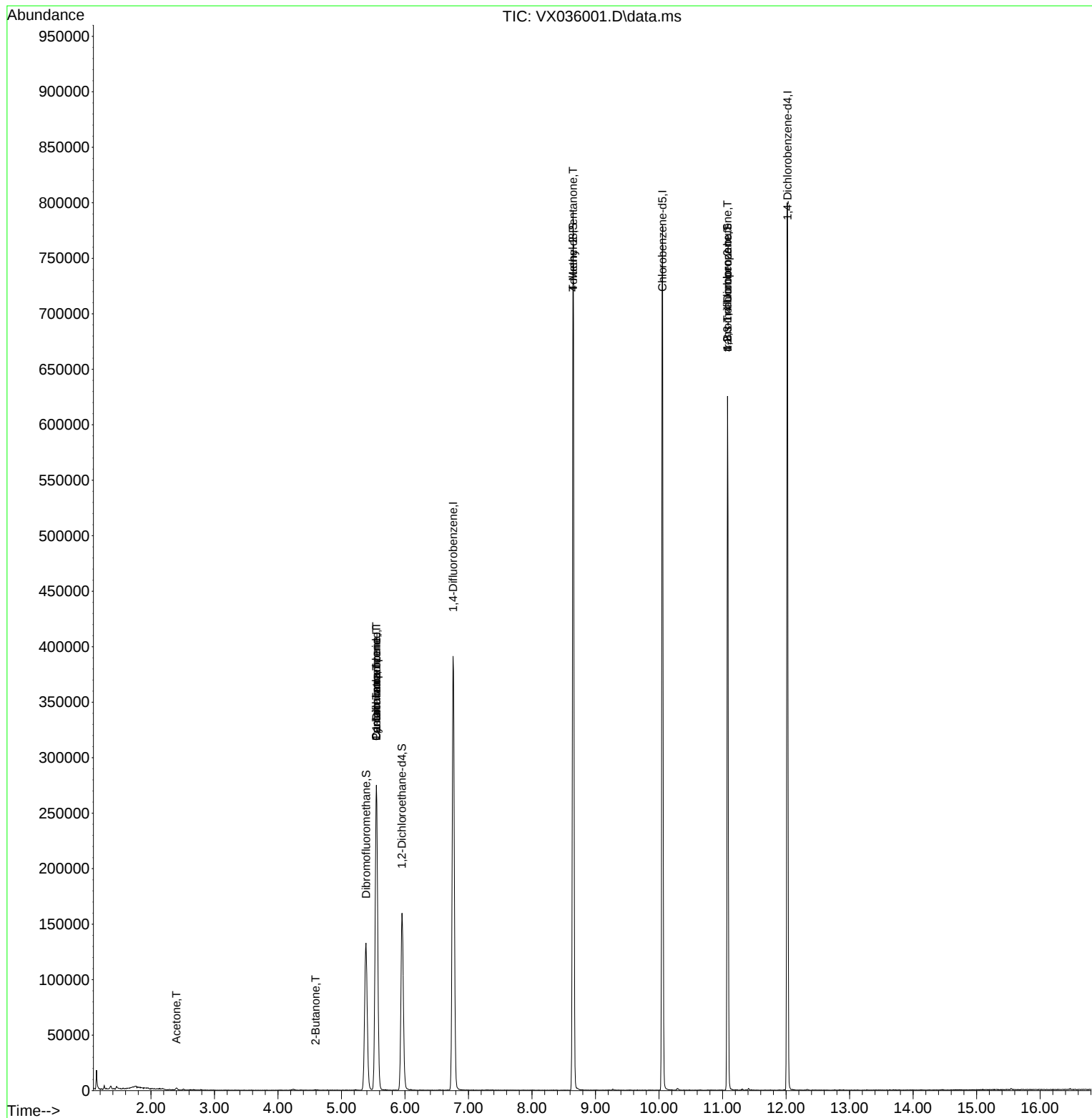
Internal Standards						
1) Pentafluorobenzene	5.550	168	240817	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	385335	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	340336	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	149315	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	159679	40.833	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	81.660%
35) Dibromofluoromethane	5.385	113	117835	45.466	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.940%
50) Toluene-d8	8.647	98	452815	48.681	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.360%
62) 4-Bromofluorobenzene	11.079	95	168689	45.941	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.880%
Target Compounds						
					Qvalue	
16) Acetone	2.398	43	2602	1.613	ug/l #	87
25) 2-Butanone	4.593	43	525	0.227	ug/l #	51
31) Cyclohexane	5.550	56	5593	1.366	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	21477	6.215	ug/l #	52
38) Carbon Tetrachloride	5.550	117	26407	7.842	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	2268	0.587	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	92435	27.448	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	92435	92.452	ug/l #	3

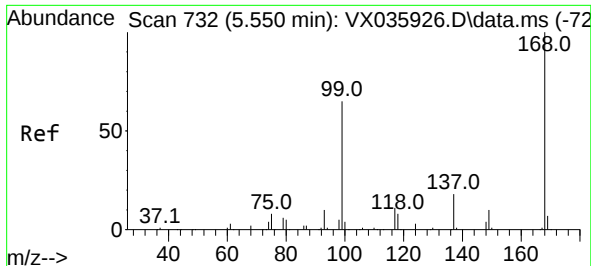
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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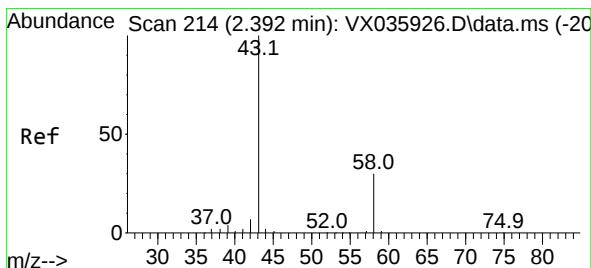
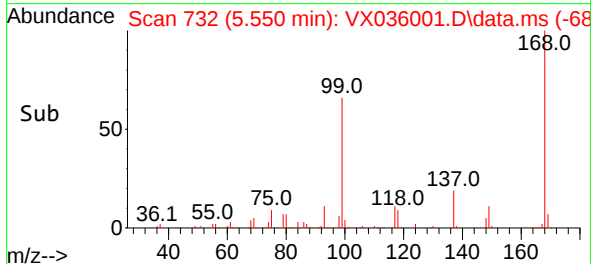
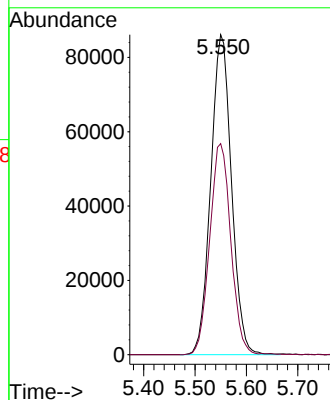
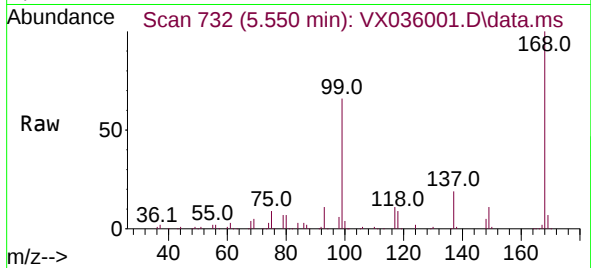




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX036001.D
Acq: 05 Jun 2023 14:08

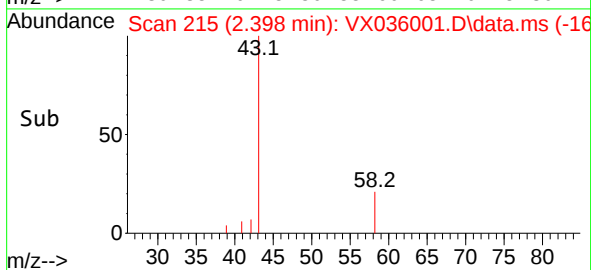
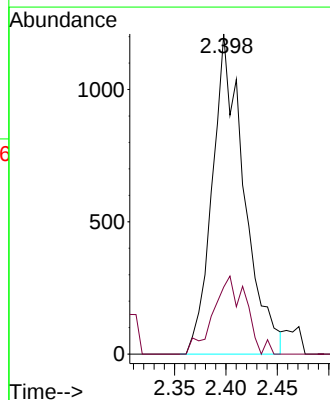
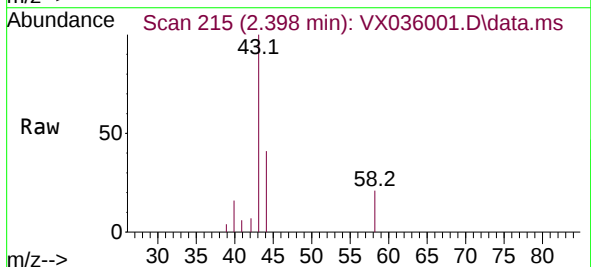
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW11-GW-538-540

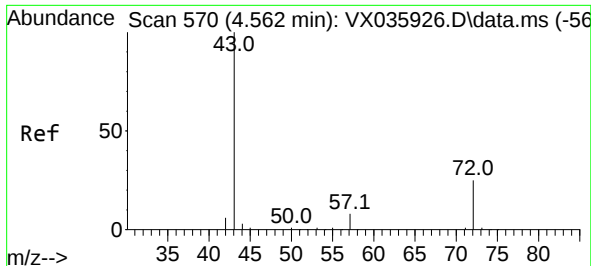
Tgt Ion:168 Resp: 240817
Ion Ratio Lower Upper
168 100
99 66.0 57.0 85.6



#16
Acetone
Concen: 1.613 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.007 min
Lab File: VX036001.D
Acq: 05 Jun 2023 14:08

Tgt Ion: 43 Resp: 2602
Ion Ratio Lower Upper
43 100
58 20.9 22.2 33.2#





#25

2-Butanone

Concen: 0.227 ug/l

RT: 4.593 min Scan# 51

Delta R.T. 0.031 min

Lab File: VX036001.D

Acq: 05 Jun 2023 14:08

Instrument :

MSVOA_X

ClientSampleId :

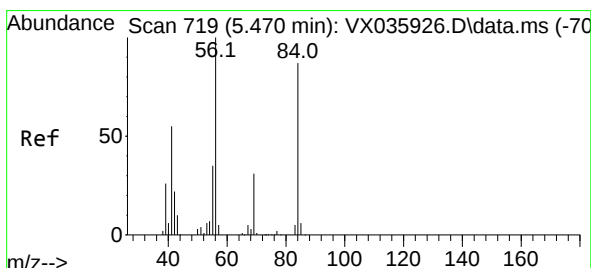
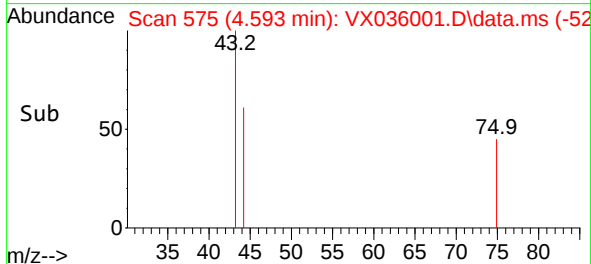
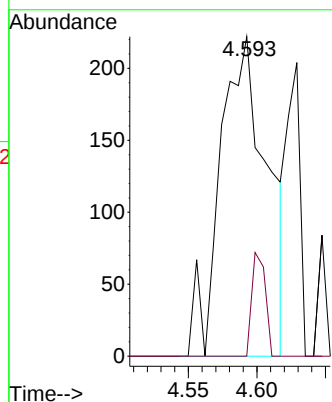
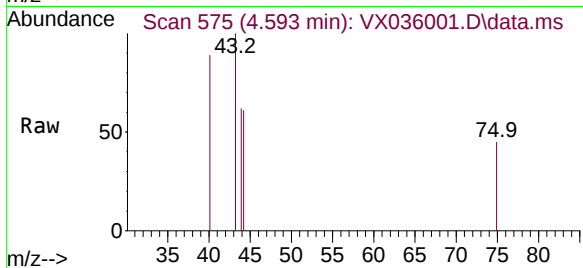
BP-VPB-RW11-GW-538-540

Tgt Ion: 43 Resp: 525

Ion Ratio Lower Upper

43 100

72 0.0 19.4 29.2#



#31

Cyclohexane

Concen: 1.366 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.080 min

Lab File: VX036001.D

Acq: 05 Jun 2023 14:08

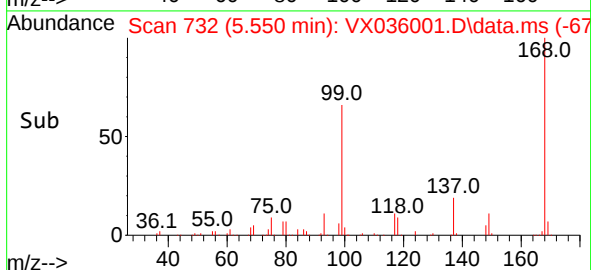
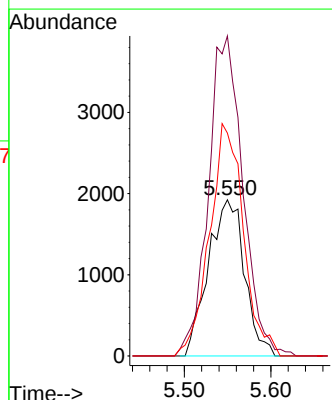
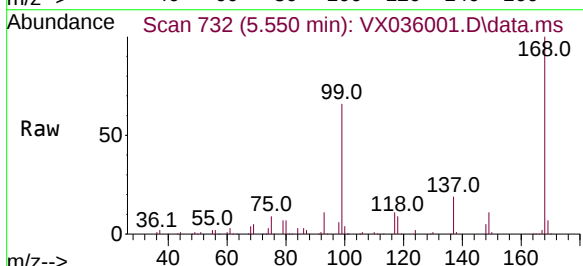
Tgt Ion: 56 Resp: 5593

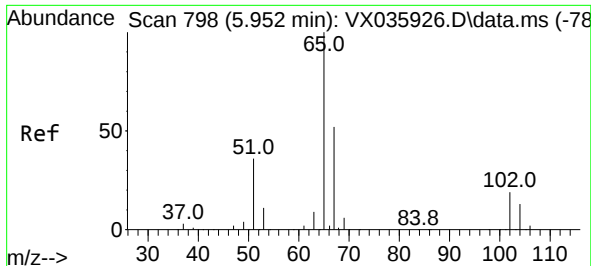
Ion Ratio Lower Upper

56 100

69 200.7 25.9 38.9#

84 142.8 67.6 101.4#

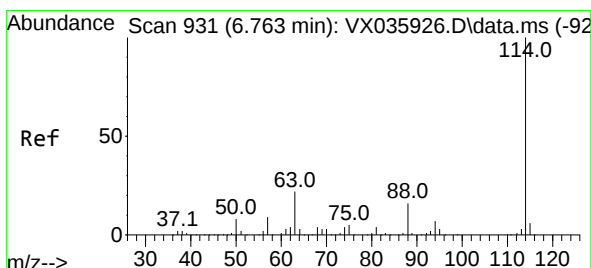
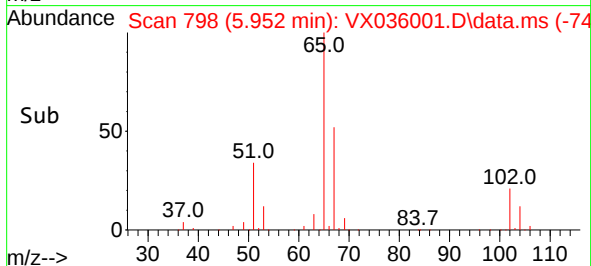
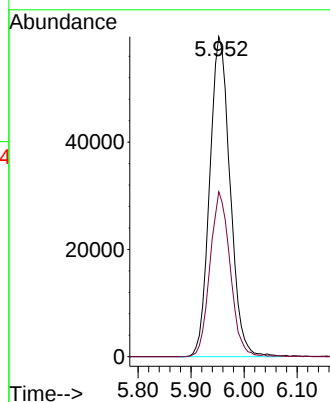
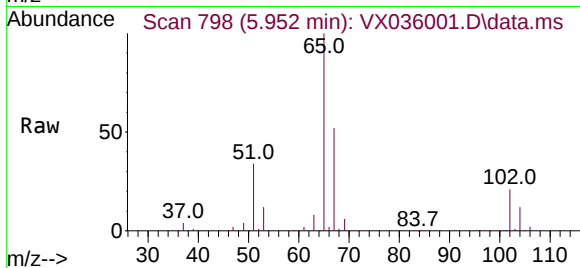




#33
 1,2-Dichloroethane-d4
 Concen: 40.833 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX036001.D
 Acq: 05 Jun 2023 14:08

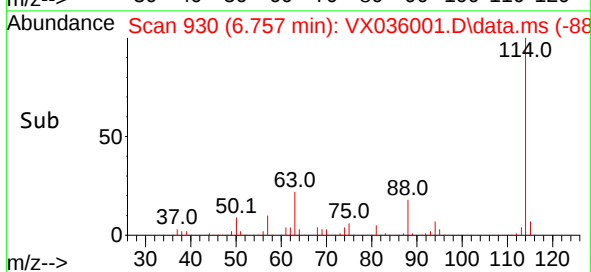
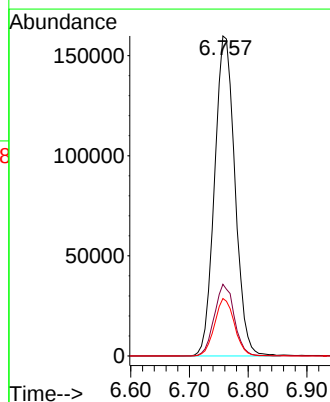
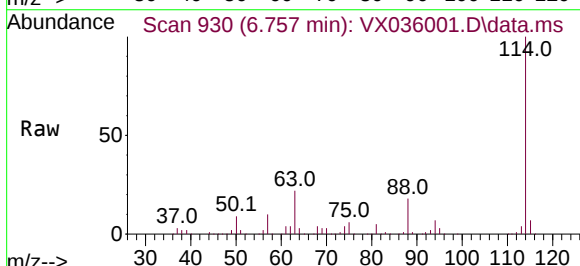
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW11-GW-538-540

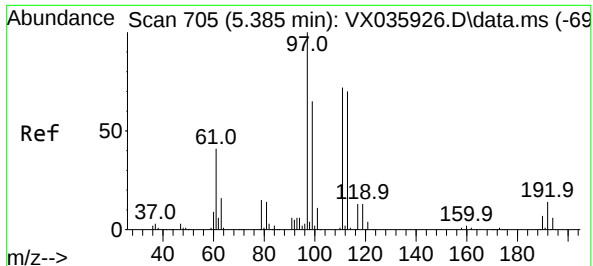
Tgt Ion: 65 Resp: 159679
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 99.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.006 min
 Lab File: VX036001.D
 Acq: 05 Jun 2023 14:08

Tgt Ion: 114 Resp: 385335
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 46.0
 88 17.9 0.0 35.2





#35

Dibromofluoromethane

Concen: 45.466 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX036001.D

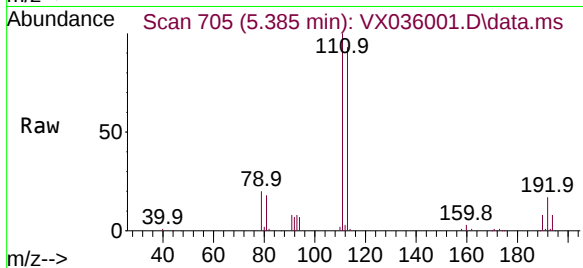
Acq: 05 Jun 2023 14:08

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-RW11-GW-538-540



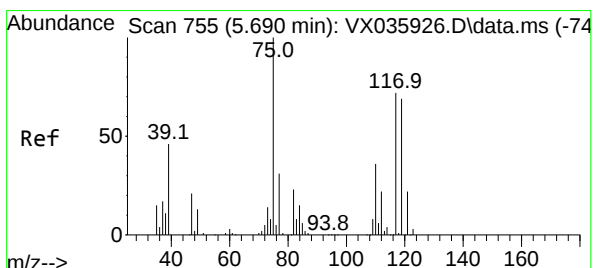
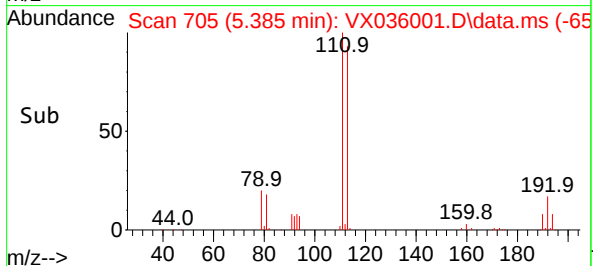
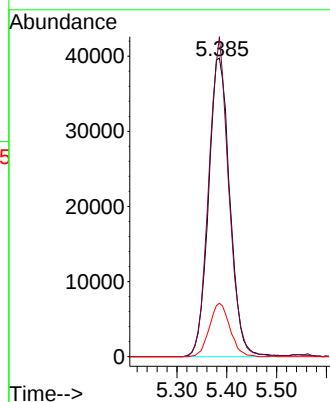
Tgt Ion:113 Resp: 117835

Ion Ratio Lower Upper

113 100

111 100.8 81.7 122.5

192 17.3 13.5 20.3



#36

1,1-Dichloropropene

Concen: 6.215 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.140 min

Lab File: VX036001.D

Acq: 05 Jun 2023 14:08

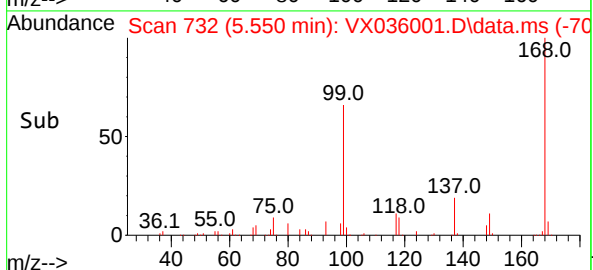
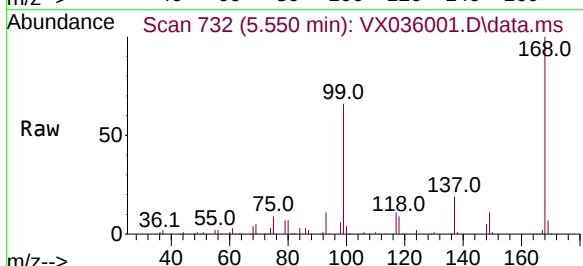
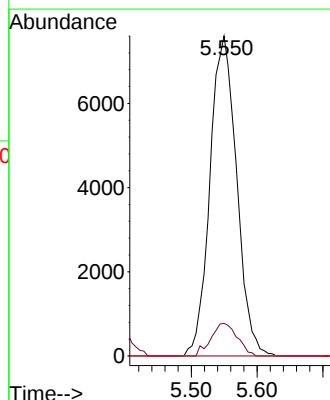
Tgt Ion: 75 Resp: 21477

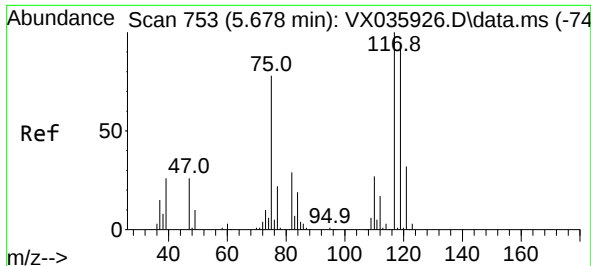
Ion Ratio Lower Upper

75 100

110 10.1 16.6 49.7#

77 0.0 24.4 36.6#

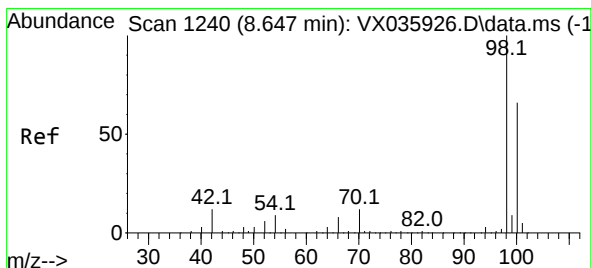
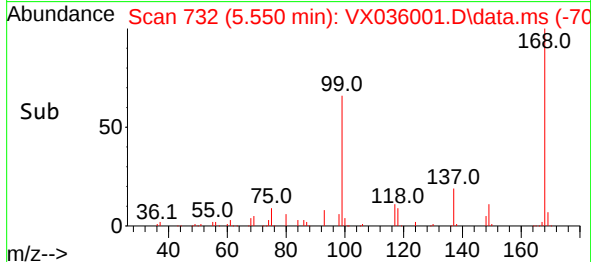
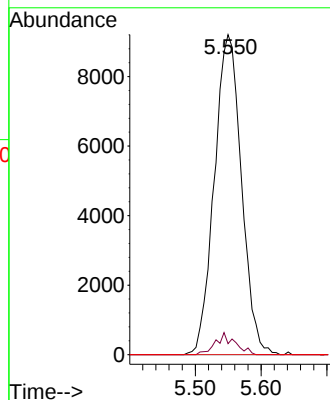
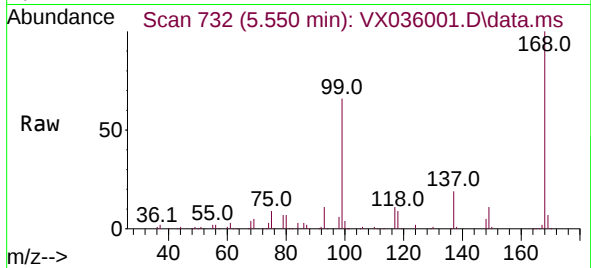




#38
Carbon Tetrachloride
Concen: 7.842 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.127 min
Lab File: VX036001.D
Acq: 05 Jun 2023 14:08

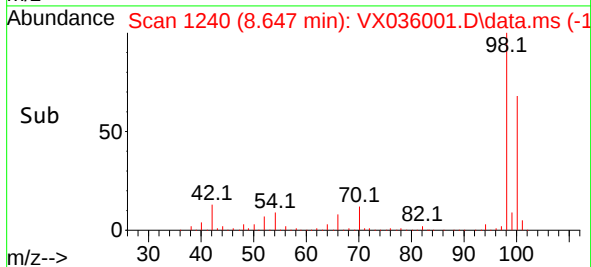
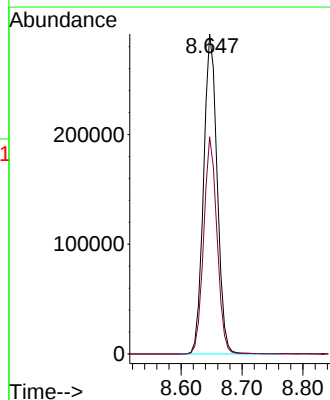
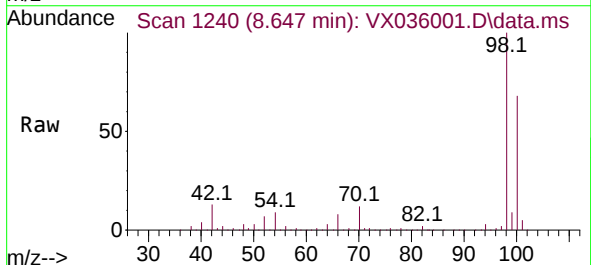
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW11-GW-538-540

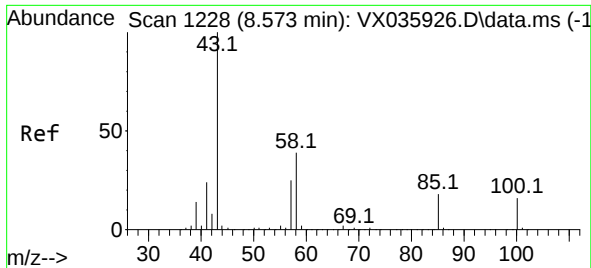
Tgt Ion:117 Resp: 26407
Ion Ratio Lower Upper
117 100
119 3.5 74.1 111.1#
121 0.0 25.0 37.4#



#50
Toluene-d8
Concen: 48.681 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX036001.D
Acq: 05 Jun 2023 14:08

Tgt Ion: 98 Resp: 452815
Ion Ratio Lower Upper
98 100
100 66.3 53.4 80.0

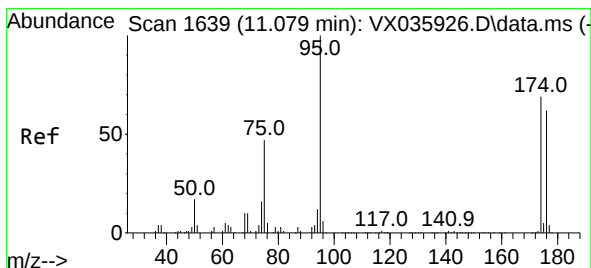
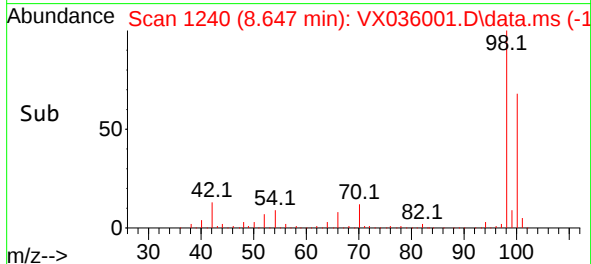
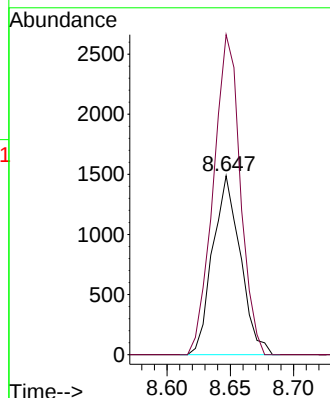
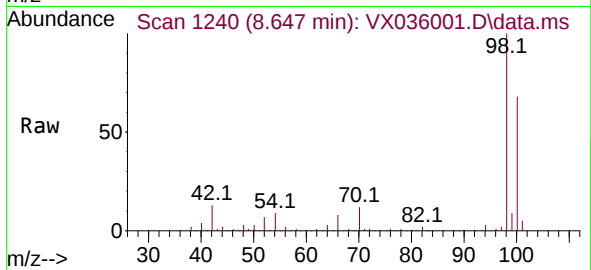




#51
4-Methyl-2-Pentanone
Concen: 0.587 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.074 min
Lab File: VX036001.D
Acq: 05 Jun 2023 14:08

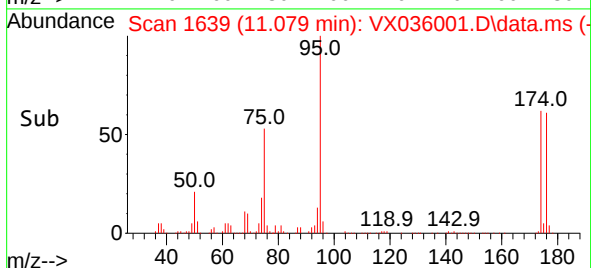
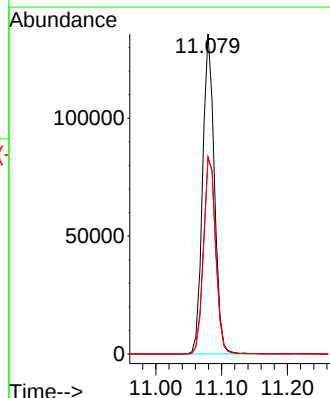
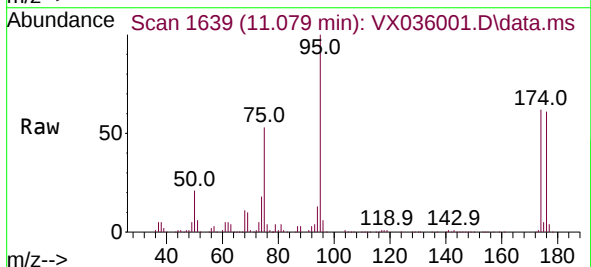
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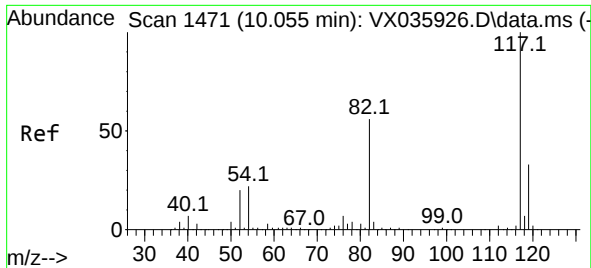
Tgt Ion: 43 Resp: 2268
Ion Ratio Lower Upper
43 100
58 173.9 30.1 45.1#



#62
4-Bromofluorobenzene
Concen: 45.941 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036001.D
Acq: 05 Jun 2023 14:08

Tgt Ion: 95 Resp: 168689
Ion Ratio Lower Upper
95 100
174 64.1 0.0 132.6
176 63.2 0.0 128.0

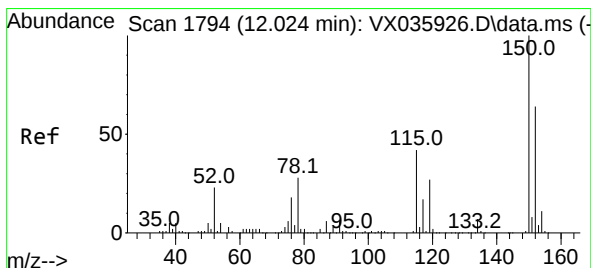
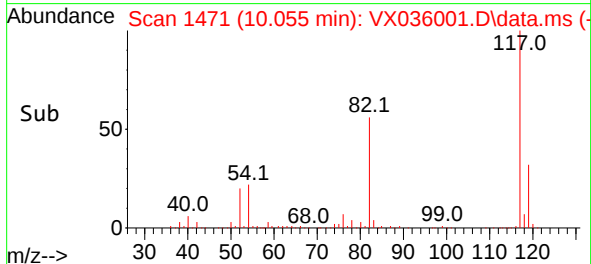
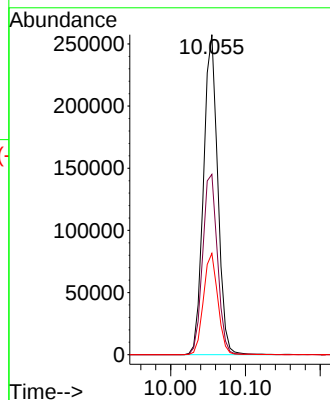
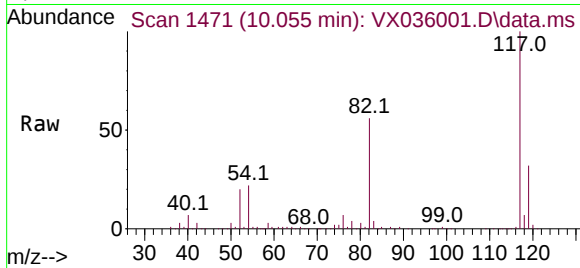




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036001.D
Acq: 05 Jun 2023 14:08

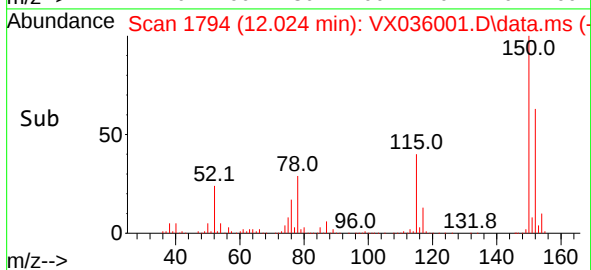
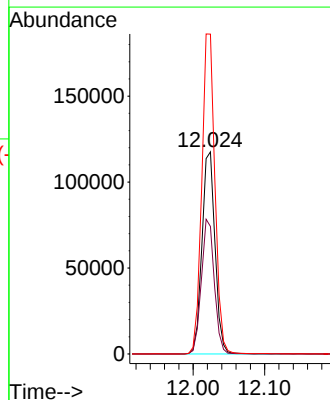
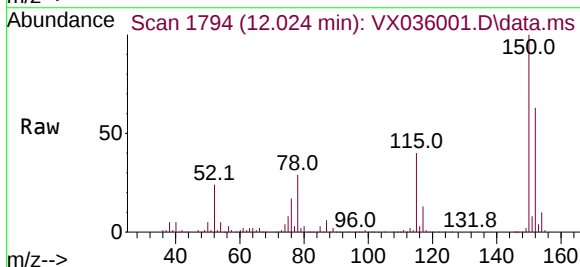
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW11-GW-538-540

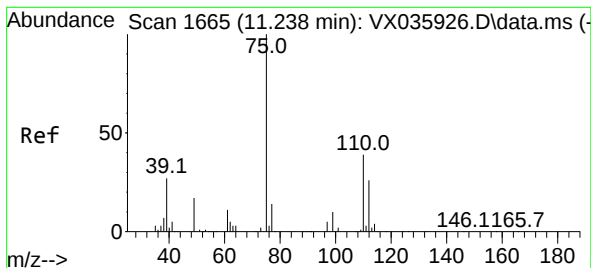
Tgt Ion:117 Resp: 340336
Ion Ratio Lower Upper
117 100
82 56.4 46.6 69.8
119 31.6 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX036001.D
Acq: 05 Jun 2023 14:08

Tgt Ion:152 Resp: 149315
Ion Ratio Lower Upper
152 100
115 65.9 45.5 136.5
150 159.0 0.0 345.2





#76

1,2,3-Trichloropropane

Concen: 27.448 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX036001.D

Acq: 05 Jun 2023 14:08

Instrument :

MSVOA_X

ClientSampleId :

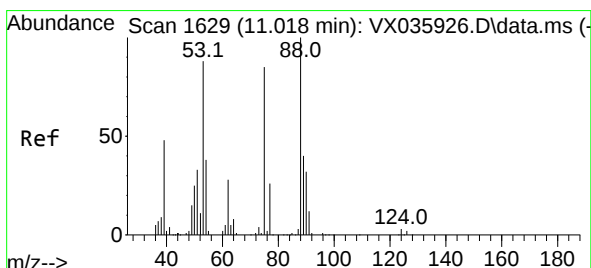
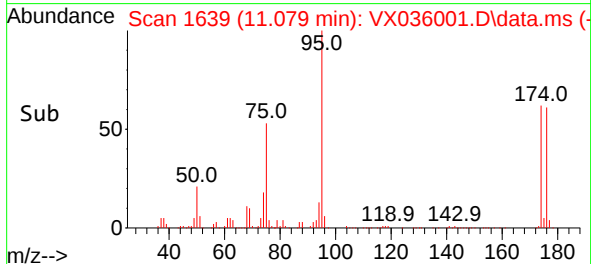
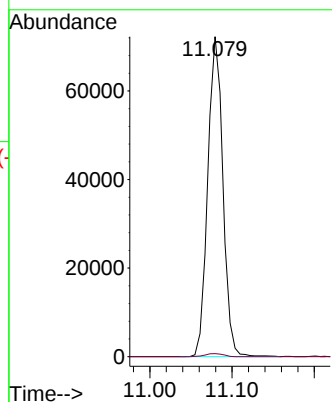
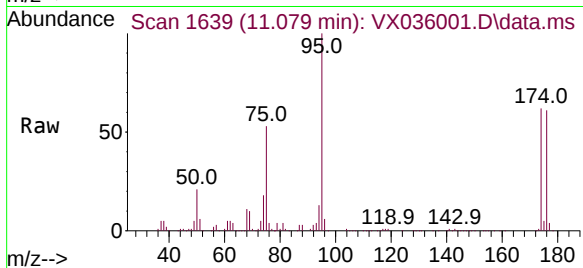
BP-VPB-RW11-GW-538-540

Tgt Ion: 75 Resp: 92435

Ion Ratio Lower Upper

75 100

77 1.1 21.4 64.2#



#81

trans-1,4-Dichloro-2-butene

Concen: 92.452 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX036001.D

Acq: 05 Jun 2023 14:08

Tgt Ion: 75 Resp: 92435

Ion Ratio Lower Upper

75 100

53 0.0 95.2 142.8#

89 0.1 38.0 57.0#

