

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060223\
 Data File : VX035990.D
 Acq On : 02 Jun 2023 17:40
 Operator : JC/MD
 Sample : 03022-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW11-GW-658-660

Quant Time: Jun 05 09:32:09 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)

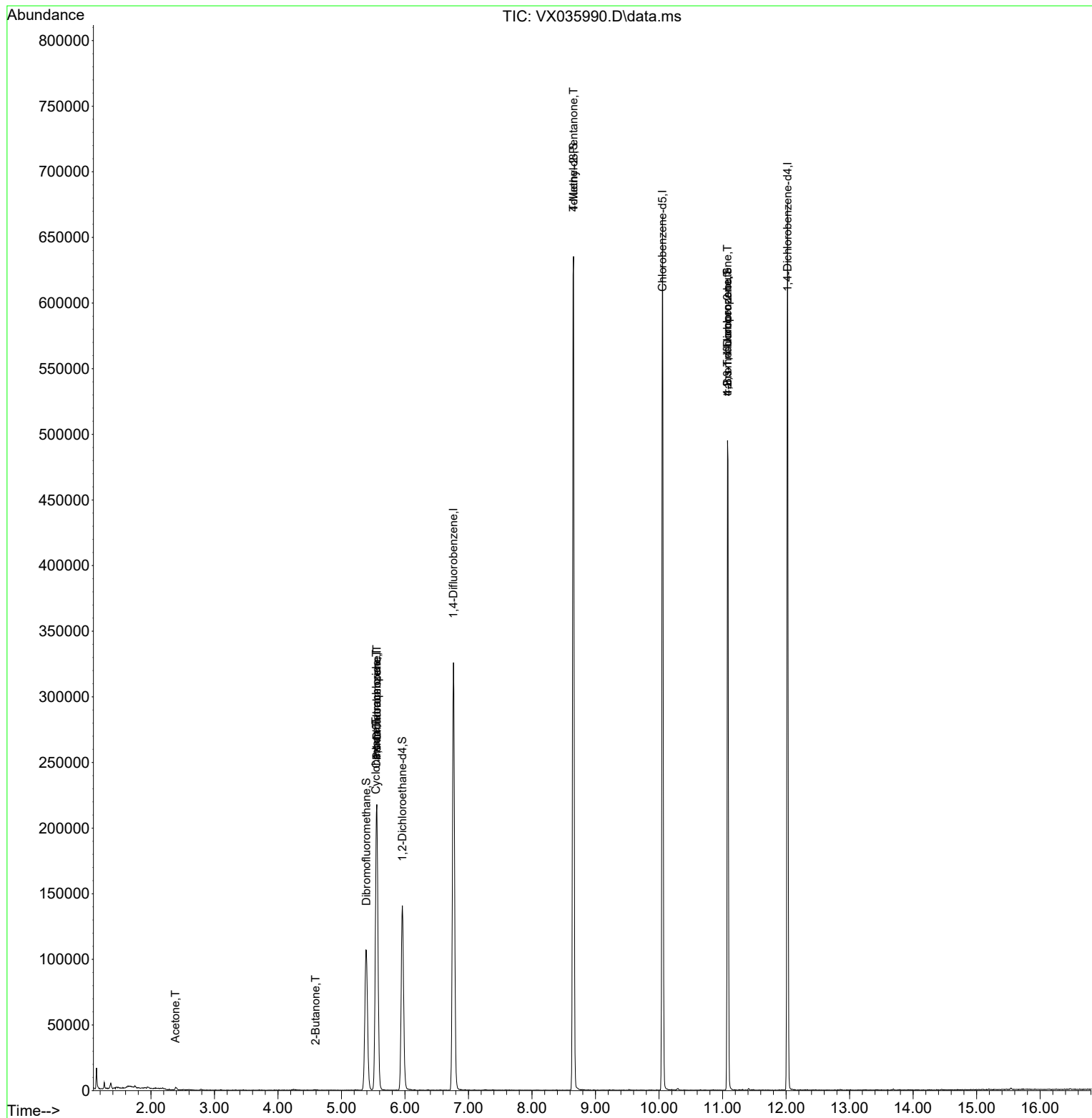
Internal Standards						
1) Pentafluorobenzene	5.556	168	181989	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	315069	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	278875	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	127994	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	143541	48.572	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	97.140%	
35) Dibromofluoromethane	5.391	113	93586	44.162	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	88.320%	
50) Toluene-d8	8.653	98	372283	48.950	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	97.900%	
62) 4-Bromofluorobenzene	11.079	95	140846	46.913	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	93.820%	
Target Compounds						
					Qvalue	
16) Acetone	2.385	43	2684	2.201	ug/l	100
25) 2-Butanone	4.592	43	608	0.348	ug/l #	51
31) Cyclohexane	5.543	56	5246	1.695	ug/l #	26
36) 1,1-Dichloropropene	5.556	75	17470	6.183	ug/l #	51
38) Carbon Tetrachloride	5.549	117	21623	7.853	ug/l #	18
51) 4-Methyl-2-Pentanone	8.653	43	1815	0.575	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	75146	26.031	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	75146	87.679	ug/l #	3

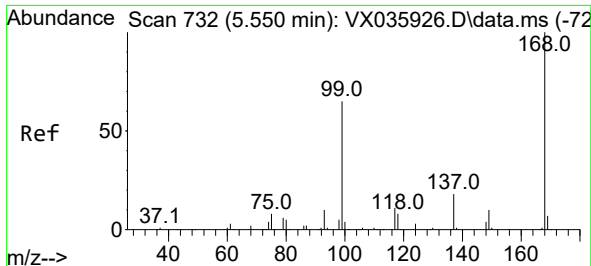
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

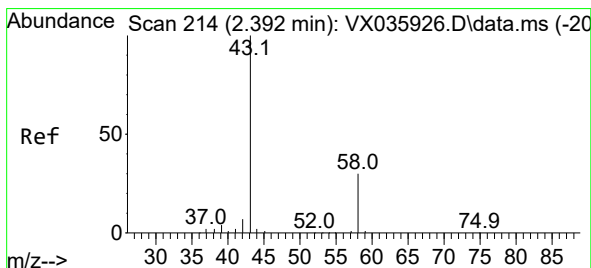
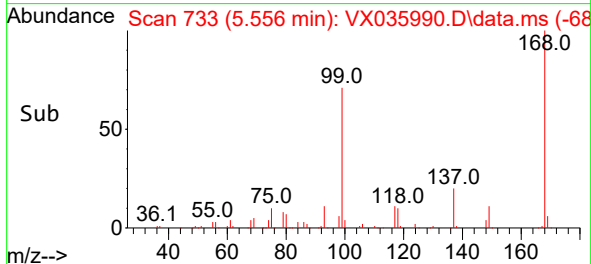
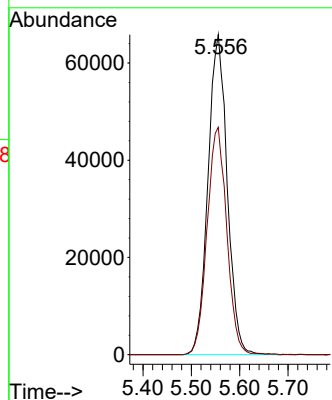
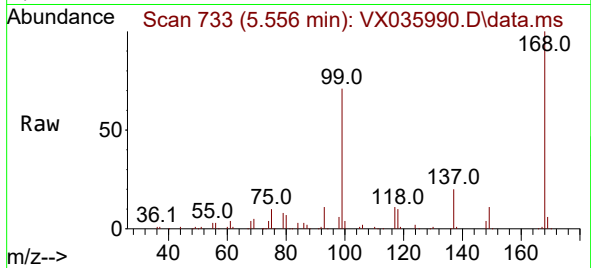




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX035990.D
Acq: 02 Jun 2023 17:40

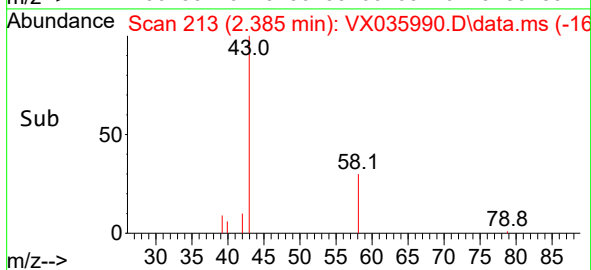
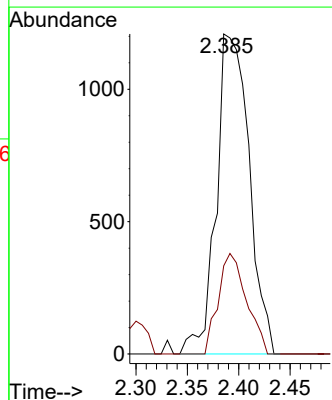
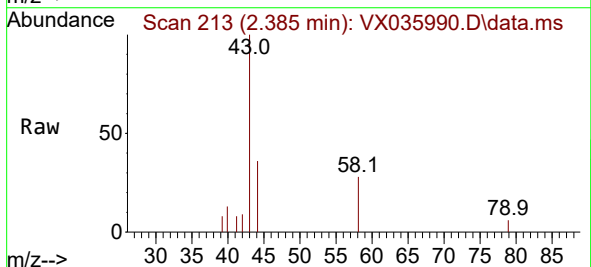
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW11-GW-658-660

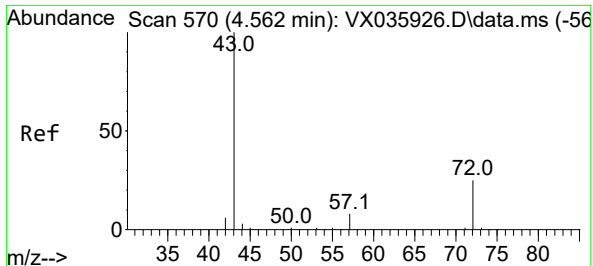
Tgt Ion:168 Resp: 181989
Ion Ratio Lower Upper
168 100
99 71.1 57.0 85.6



#16
Acetone
Concen: 2.201 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX035990.D
Acq: 02 Jun 2023 17:40

Tgt Ion: 43 Resp: 2684
Ion Ratio Lower Upper
43 100
58 27.5 22.2 33.2





#25

2-Butanone

Concen: 0.348 ug/l

RT: 4.592 min Scan# 51

Delta R.T. 0.030 min

Lab File: VX035990.D

Acq: 02 Jun 2023 17:40

Instrument :

MSVOA_X

ClientSampleId :

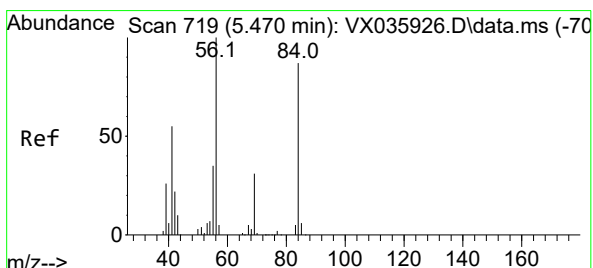
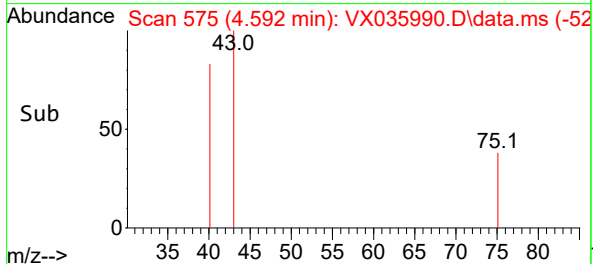
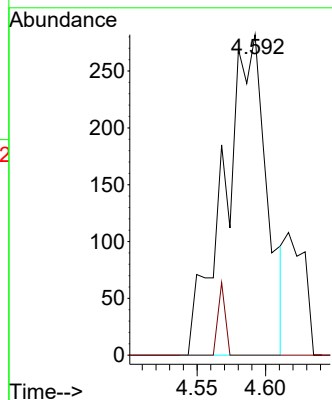
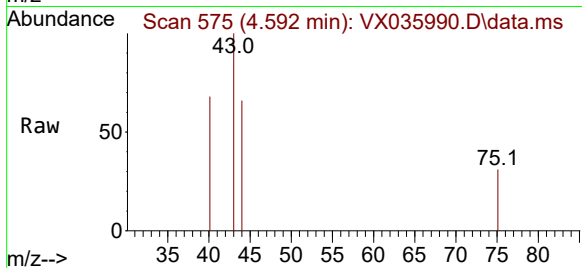
BP-VPB-RW11-GW-658-660

Tgt Ion: 43 Resp: 608

Ion Ratio Lower Upper

43 100

72 0.0 19.4 29.2#



#31

Cyclohexane

Concen: 1.695 ug/l

RT: 5.543 min Scan# 731

Delta R.T. 0.073 min

Lab File: VX035990.D

Acq: 02 Jun 2023 17:40

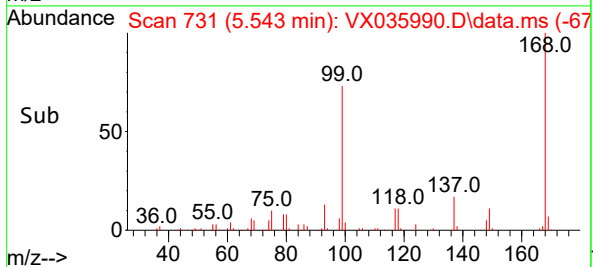
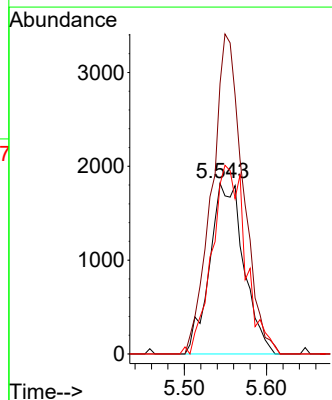
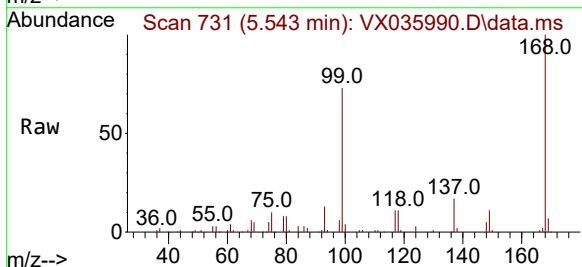
Tgt Ion: 56 Resp: 5246

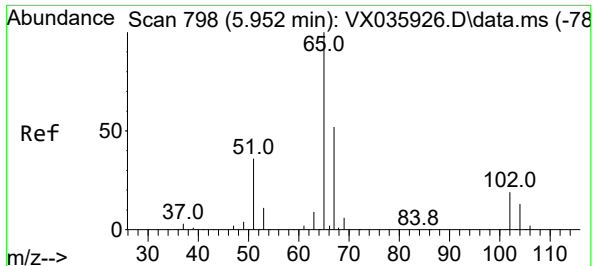
Ion Ratio Lower Upper

56 100

69 158.5 25.9 38.9#

84 99.5 67.6 101.4





#33

1,2-Dichloroethane-d4

Concen: 48.572 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX035990.D

Acq: 02 Jun 2023 17:40

Instrument :

MSVOA_X

ClientSampleId :

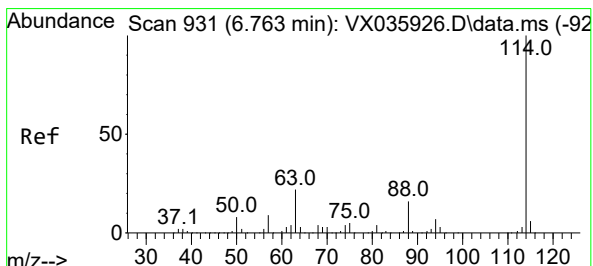
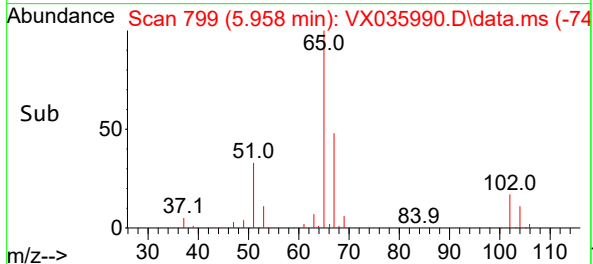
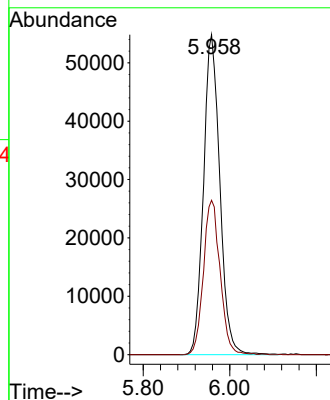
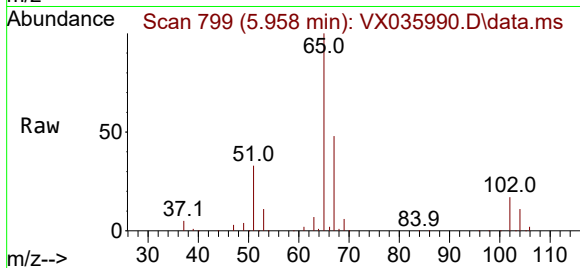
BP-VPB-RW11-GW-658-660

Tgt Ion: 65 Resp: 143541

Ion Ratio Lower Upper

65 100

67 49.2 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: VX035990.D

Acq: 02 Jun 2023 17:40

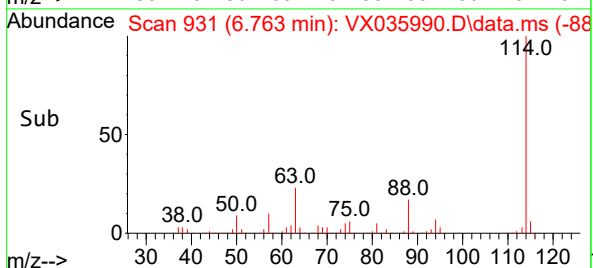
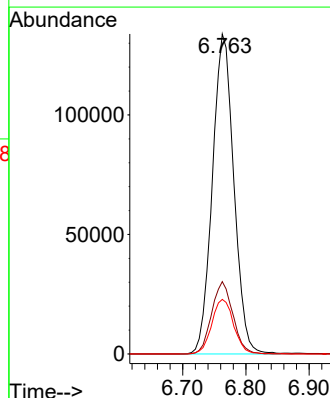
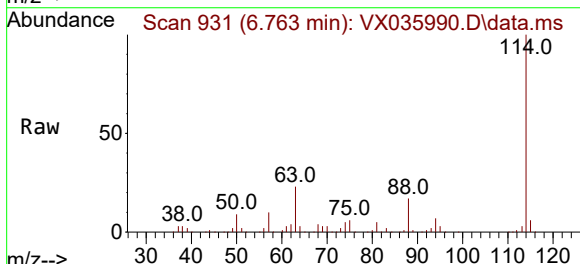
Tgt Ion: 114 Resp: 315069

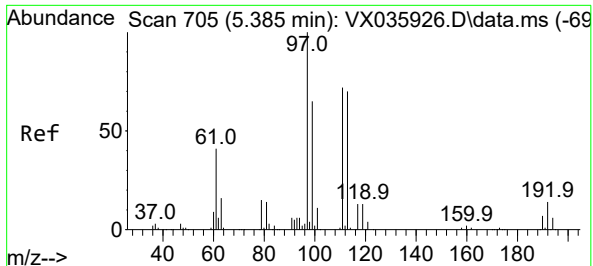
Ion Ratio Lower Upper

114 100

63 22.6 0.0 46.0

88 17.0 0.0 35.2

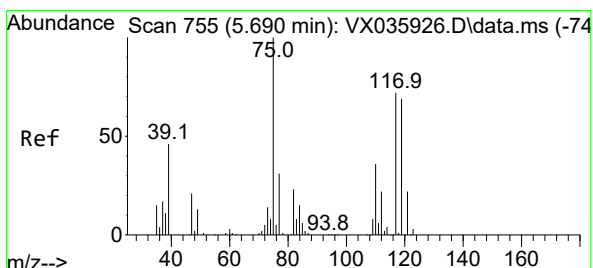
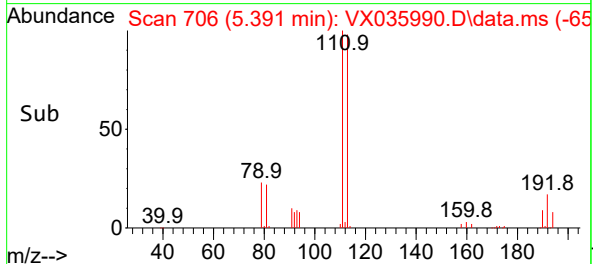
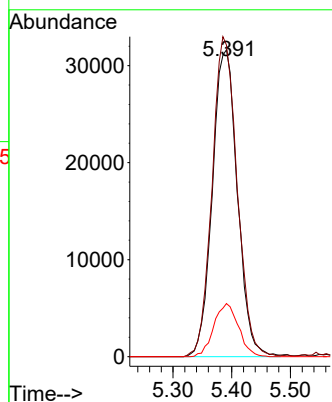
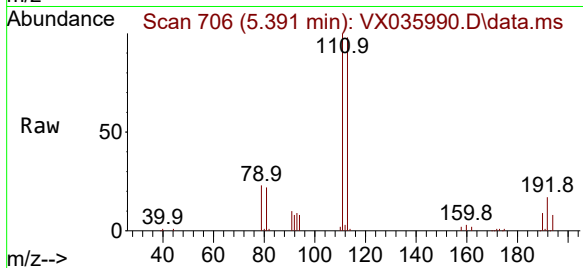




#35
Dibromofluoromethane
Concen: 44.162 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX035990.D
Acq: 02 Jun 2023 17:40

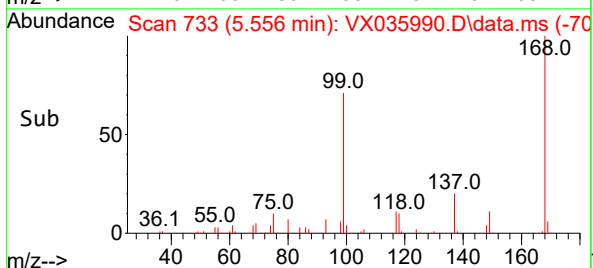
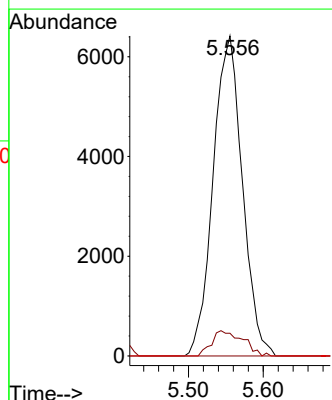
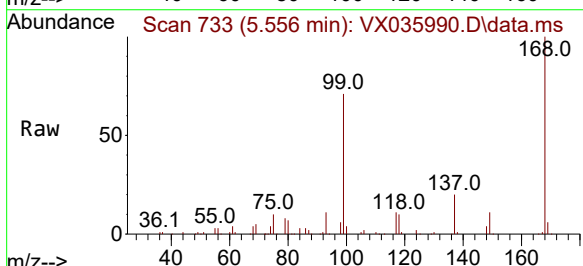
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW11-GW-658-660

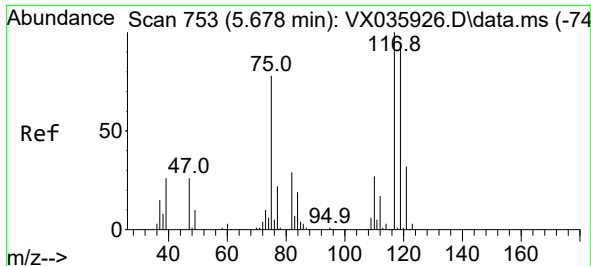
Tgt Ion:113 Resp: 93586
Ion Ratio Lower Upper
113 100
111 104.4 81.7 122.5
192 17.1 13.5 20.3



#36
1,1-Dichloropropene
Concen: 6.183 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX035990.D
Acq: 02 Jun 2023 17:40

Tgt Ion: 75 Resp: 17470
Ion Ratio Lower Upper
75 100
110 8.5 16.6 49.7#
77 0.0 24.4 36.6#

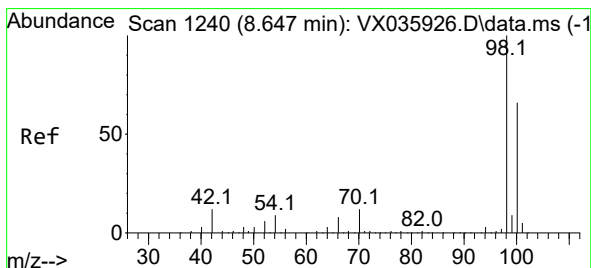
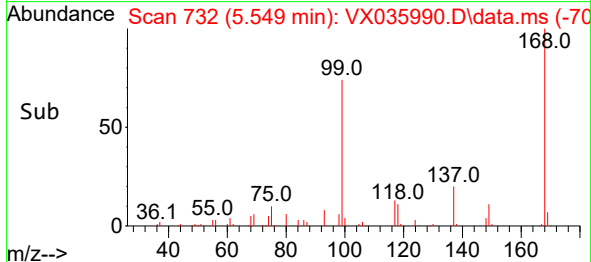
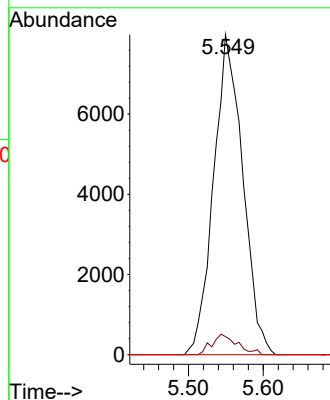
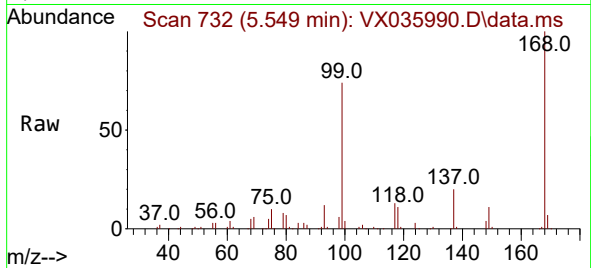




#38
Carbon Tetrachloride
Concen: 7.853 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX035990.D
Acq: 02 Jun 2023 17:40

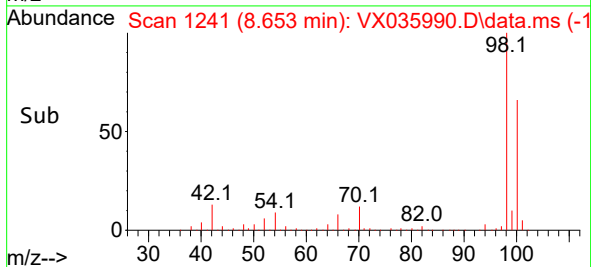
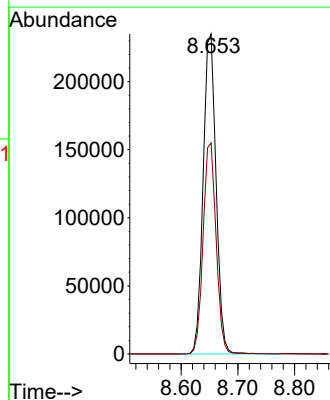
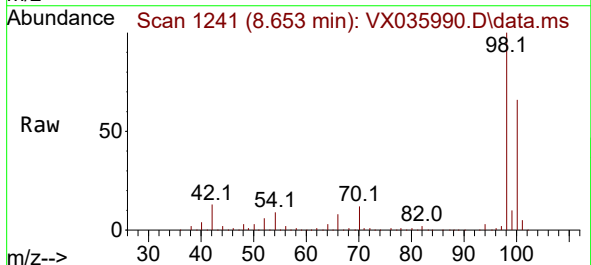
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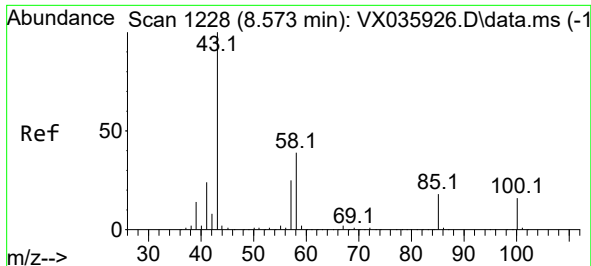
Tgt Ion:117 Resp: 21623
Ion Ratio Lower Upper
117 100
119 5.7 74.1 111.1#
121 0.0 25.0 37.4#



#50
Toluene-d8
Concen: 48.950 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX035990.D
Acq: 02 Jun 2023 17:40

Tgt Ion: 98 Resp: 372283
Ion Ratio Lower Upper
98 100
100 66.5 53.4 80.0

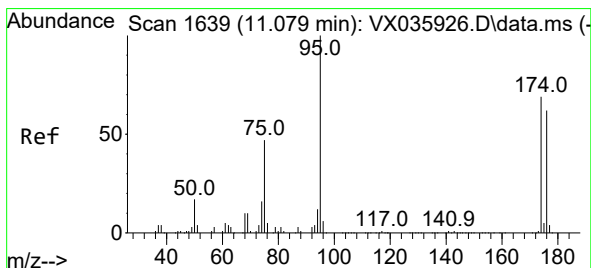
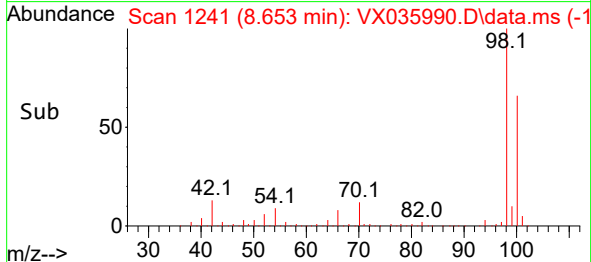
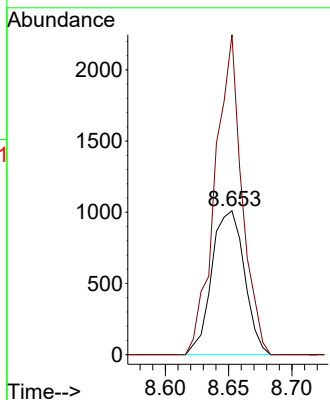
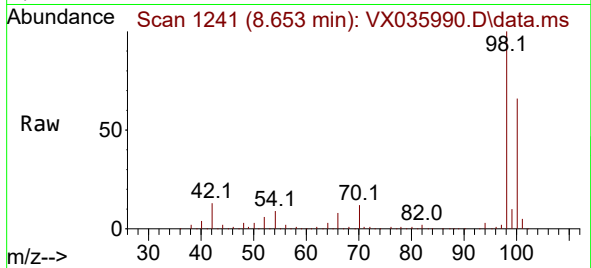




#51
4-Methyl-2-Pentanone
Concen: 0.575 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.080 min
Lab File: VX035990.D
Acq: 02 Jun 2023 17:40

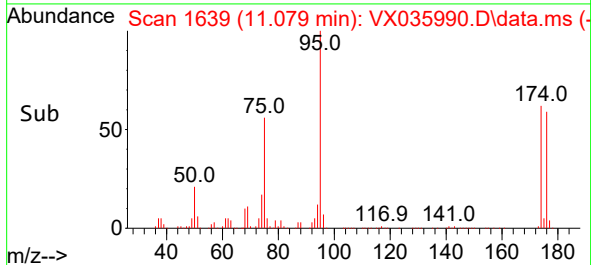
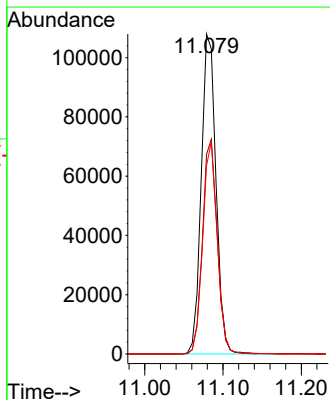
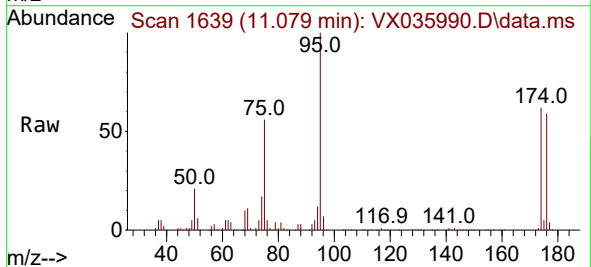
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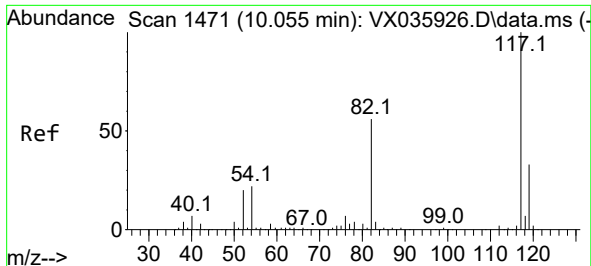
Tgt Ion: 43 Resp: 1815
Ion Ratio Lower Upper
43 100
58 183.1 30.1 45.1#



#62
4-Bromofluorobenzene
Concen: 46.913 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX035990.D
Acq: 02 Jun 2023 17:40

Tgt Ion: 95 Resp: 140846
Ion Ratio Lower Upper
95 100
174 66.9 0.0 132.6
176 65.1 0.0 128.0

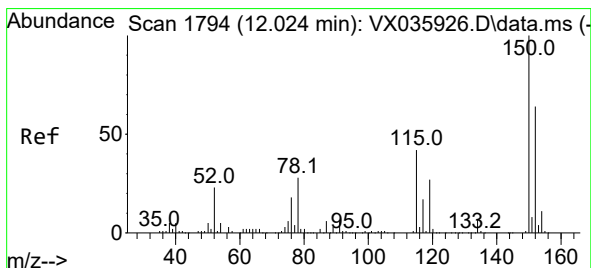
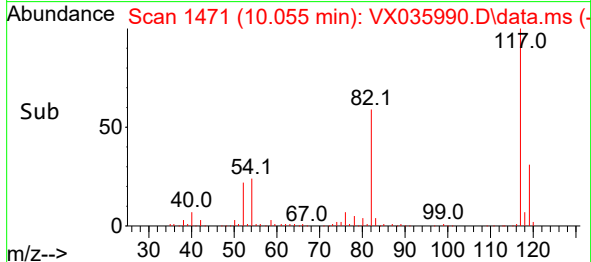
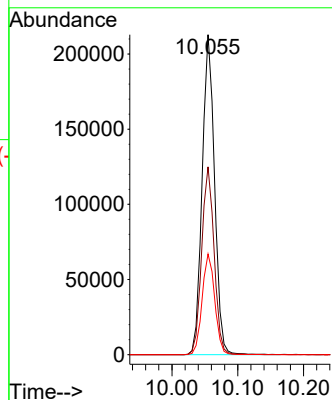
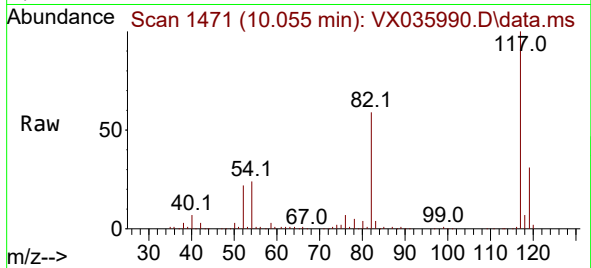




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035990.D
Acq: 02 Jun 2023 17:40

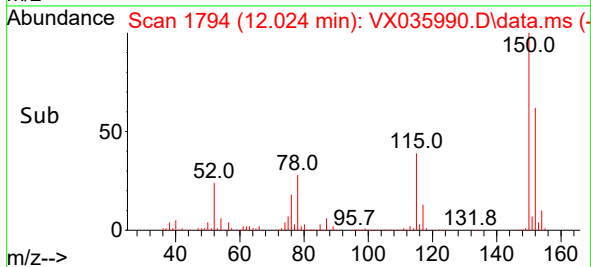
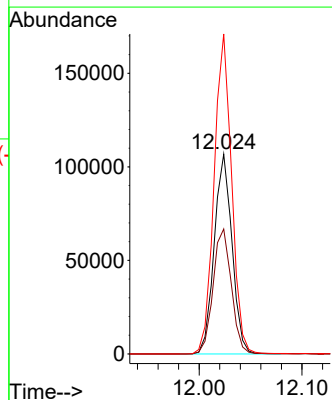
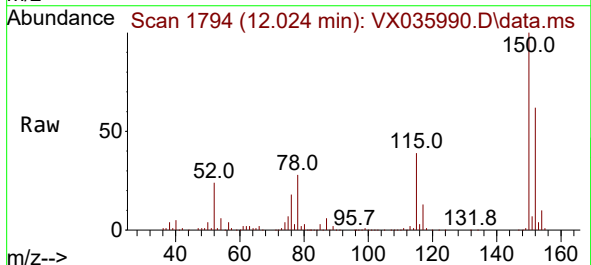
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW11-GW-658-660

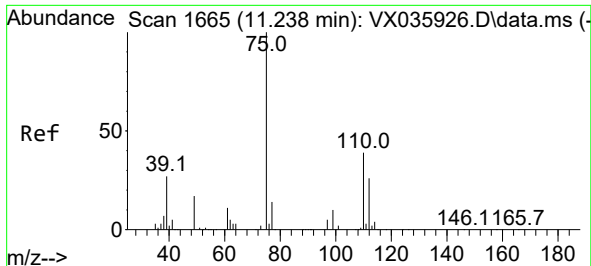
Tgt Ion:117 Resp: 278875
Ion Ratio Lower Upper
117 100
82 58.7 46.6 69.8
119 31.4 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX035990.D
Acq: 02 Jun 2023 17:40

Tgt Ion:152 Resp: 127994
Ion Ratio Lower Upper
152 100
115 64.2 45.5 136.5
150 157.6 0.0 345.2

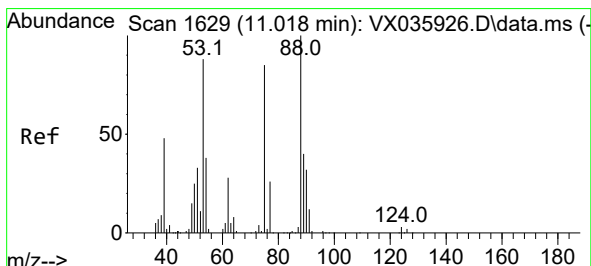
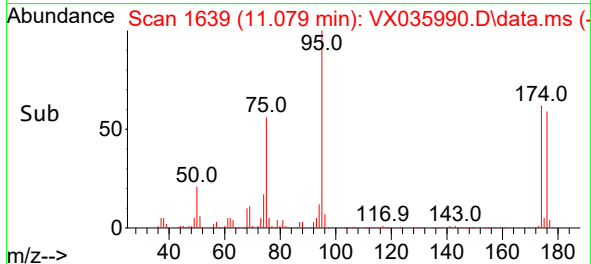
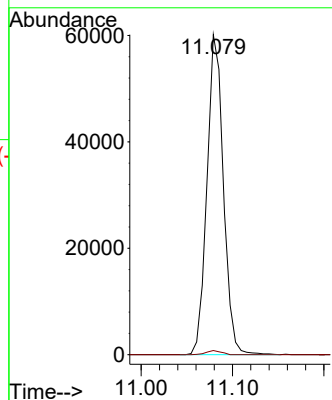
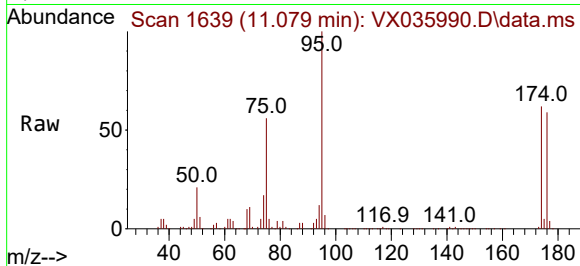




#76
1,2,3-Trichloropropane
Concen: 26.031 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX035990.D
Acq: 02 Jun 2023 17:40

Instrument : MSVOA_X
ClientSampleId : BP-VPB-RW11-GW-658-660

Tgt Ion: 75 Resp: 75146
Ion Ratio Lower Upper
75 100
77 1.2 21.4 64.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 87.679 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX035990.D
Acq: 02 Jun 2023 17:40

Tgt Ion: 75 Resp: 75146
Ion Ratio Lower Upper
75 100
53 0.0 95.2 142.8#
89 0.0 38.0 57.0#

