

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020723\
 Data File : VX034035.D
 Acq On : 06 Feb 2023 18:15
 Operator : JC/MD
 Sample : 01421-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW10-GW-598-600

Quant Time: Feb 07 00:55:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020423W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 03 23:25:45 2023
 Response via : Initial Calibration

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

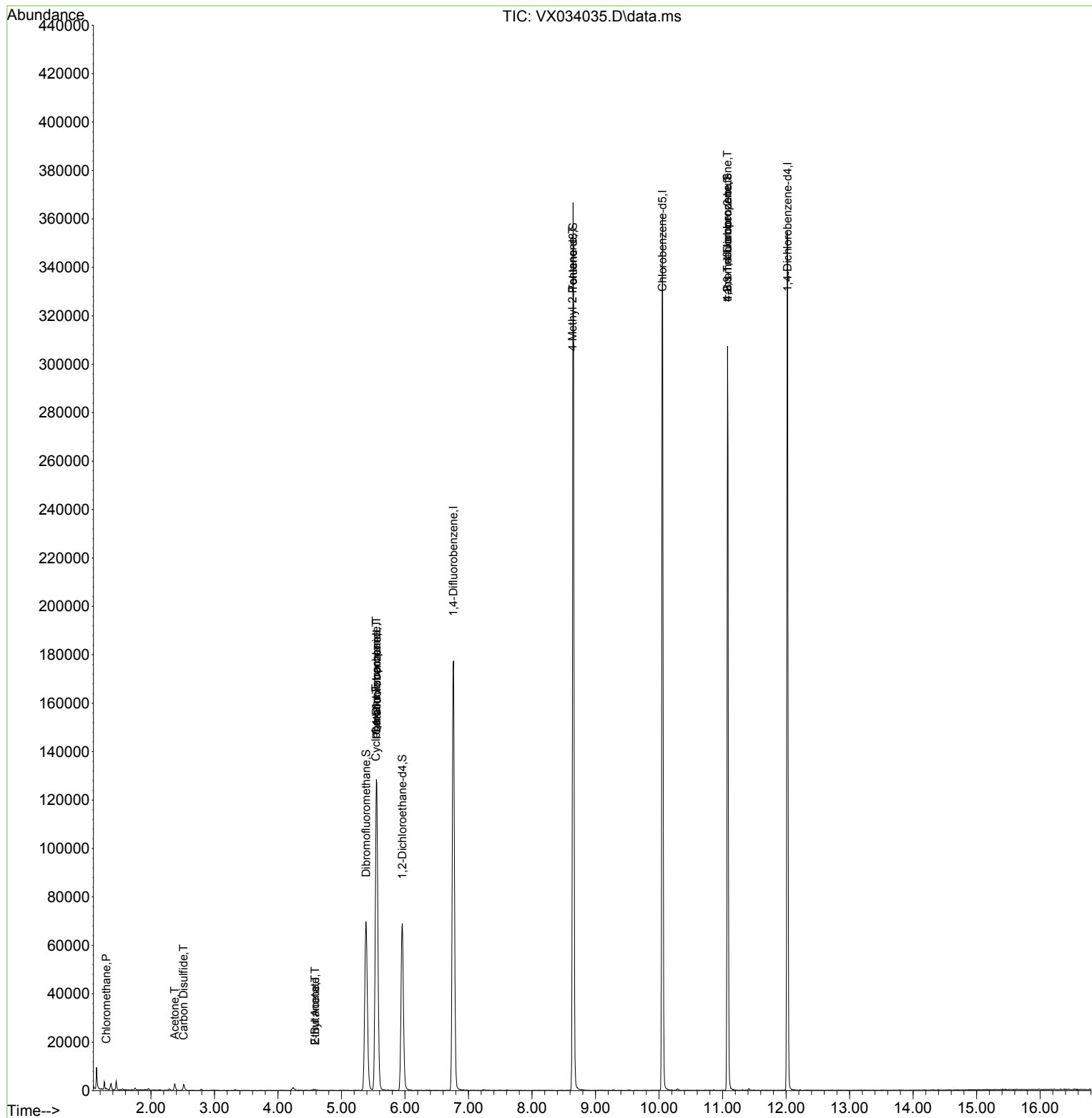
Internal Standards						
1) Pentafluorobenzene	5.556	168	140511	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	198480	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	176884	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	85906	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	65667	48.477	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.960%
35) Dibromofluoromethane	5.385	113	61870	48.979	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.960%
50) Toluene-d8	8.647	98	224689	49.369	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.740%
62) 4-Bromofluorobenzene	11.079	95	78298	48.169	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.340%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	433	0.402	ug/l	97
16) Acetone	2.373	43	2842	4.967	ug/l	96
17) Carbon Disulfide	2.514	76	1795	0.615	ug/l	96
25) 2-Butanone	4.586	43	745	0.894	ug/l #	51
31) Cyclohexane	5.544	56	1965	0.996	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	8049	4.647	ug/l #	48
37) Ethyl Acetate	4.586	43	745	0.462	ug/l #	68
38) Carbon Tetrachloride	5.550	117	11908	6.447	ug/l #	14
51) 4-Methyl-2-Pentanone	8.641	43	838	0.531	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	35921	24.352	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	35921	74.995	ug/l #	8

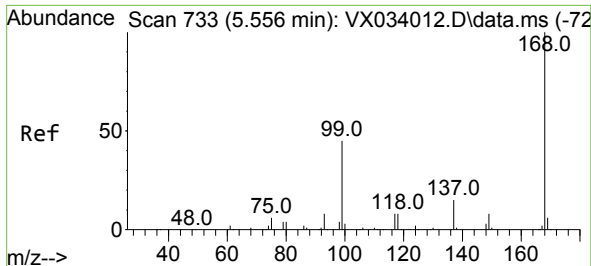
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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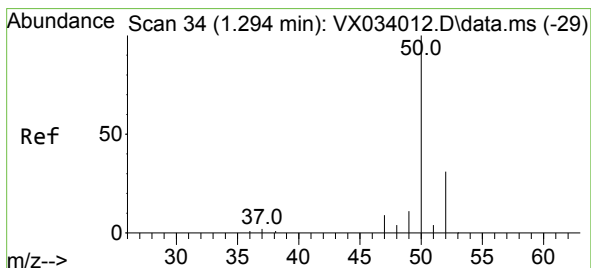
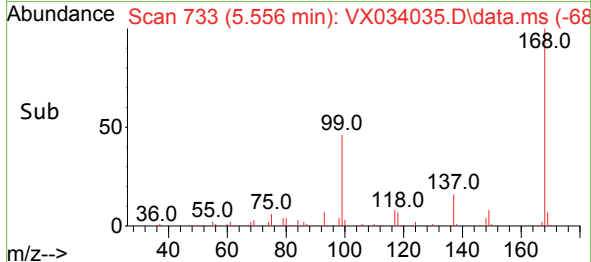
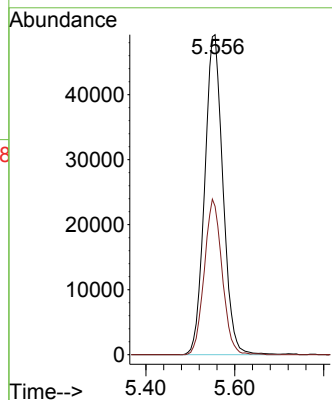
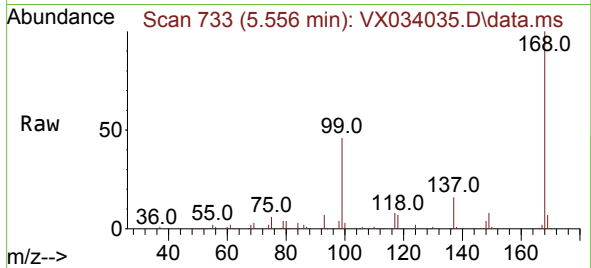




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX034035.D
Acq: 06 Feb 2023 18:15

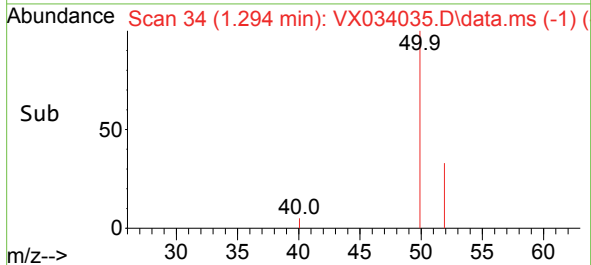
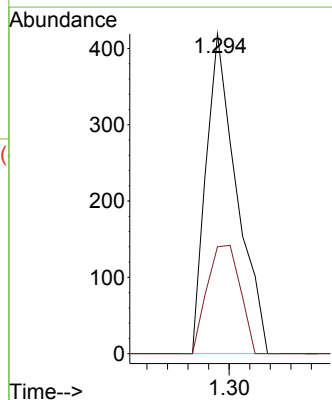
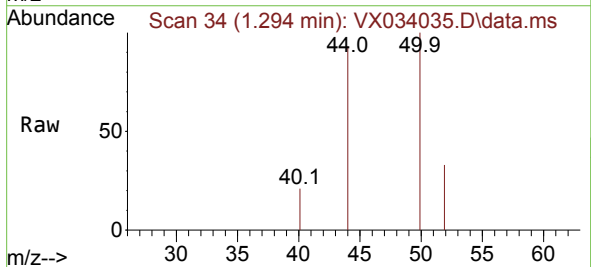
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10-GW-598-600

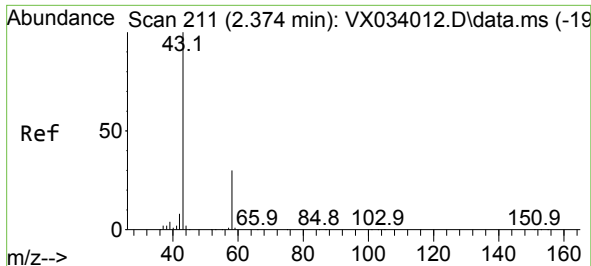
Tgt Ion:168 Resp: 140511
Ion Ratio Lower Upper
168 100
99 46.4 39.6 59.4



#3
Chloromethane
Concen: 0.402 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX034035.D
Acq: 06 Feb 2023 18:15

Tgt Ion: 50 Resp: 433
Ion Ratio Lower Upper
50 100
52 33.4 25.2 37.8

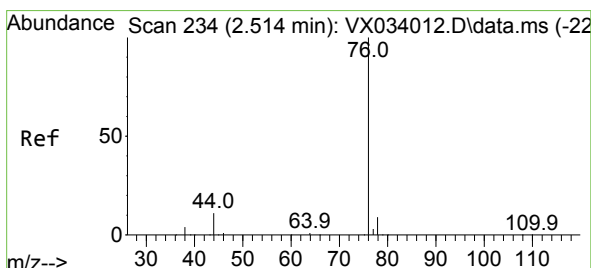
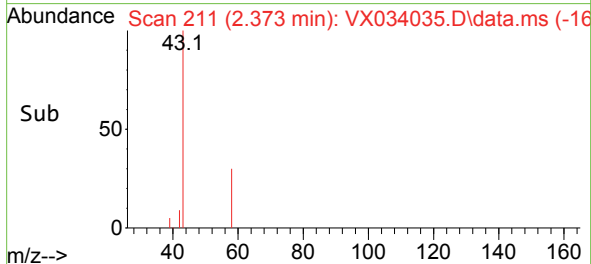
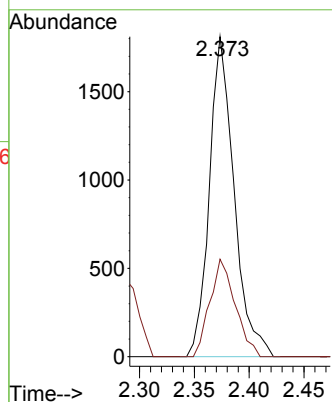
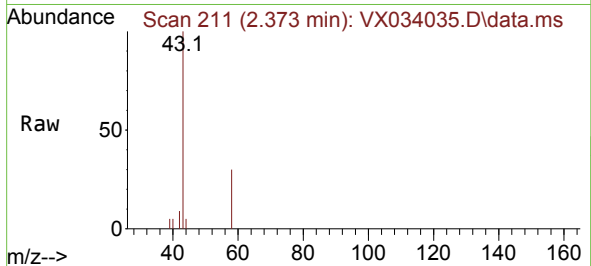




#16
Acetone
Concen: 4.967 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX034035.D
Acq: 06 Feb 2023 18:15

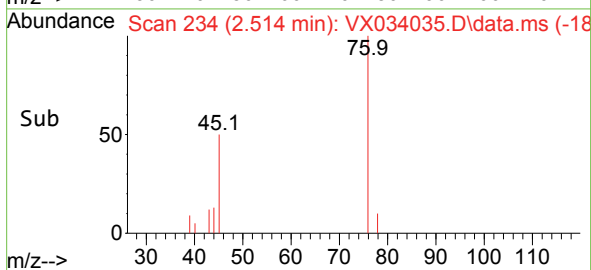
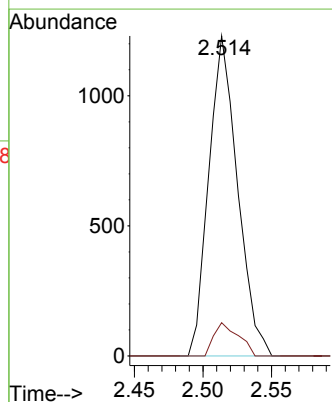
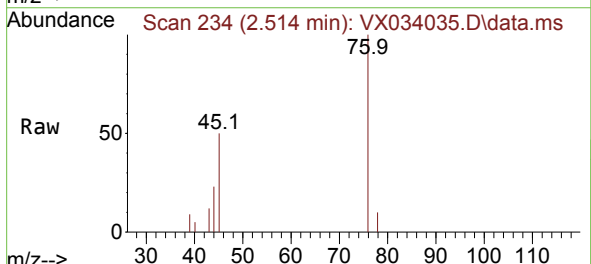
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10-GW-598-600

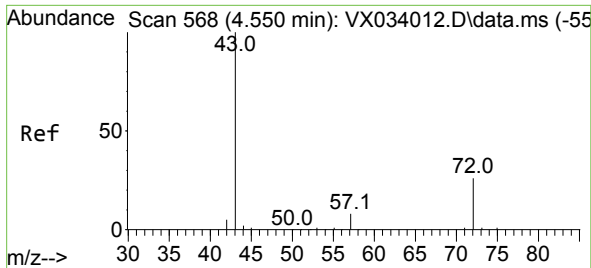
Tgt Ion: 43 Resp: 2842
Ion Ratio Lower Upper
43 100
58 30.5 22.6 33.8



#17
Carbon Disulfide
Concen: 0.615 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX034035.D
Acq: 06 Feb 2023 18:15

Tgt Ion: 76 Resp: 1795
Ion Ratio Lower Upper
76 100
78 10.4 7.0 10.6

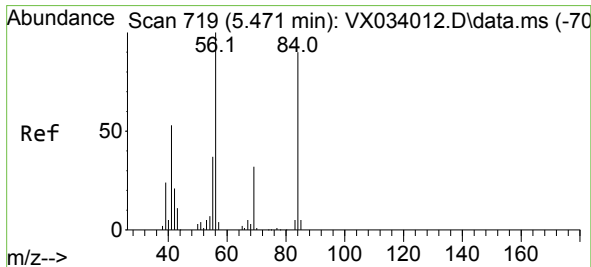
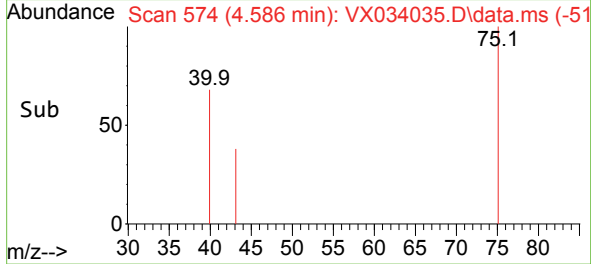
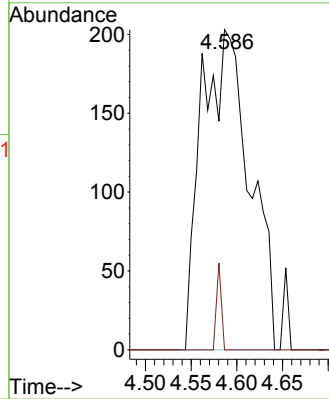
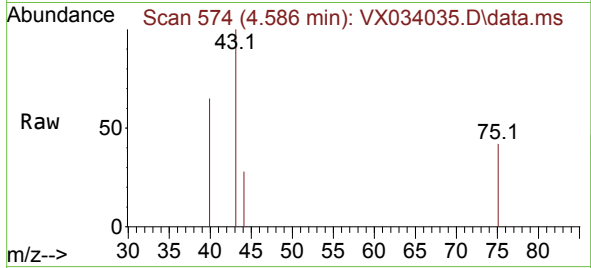




#25
2-Butanone
Concen: 0.894 ug/l
RT: 4.586 min Scan# 51
Delta R.T. 0.036 min
Lab File: VX034035.D
Acq: 06 Feb 2023 18:15

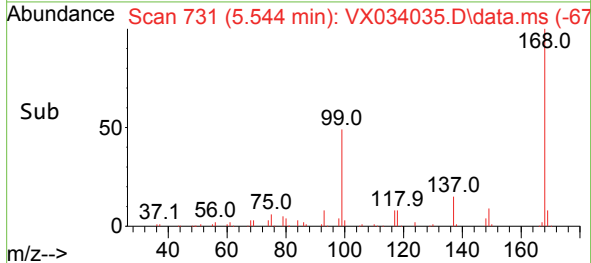
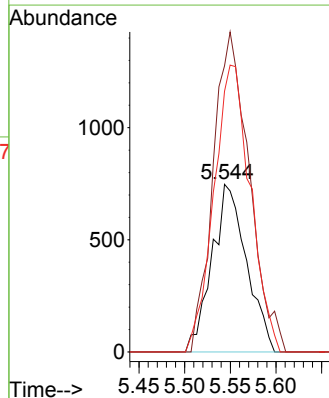
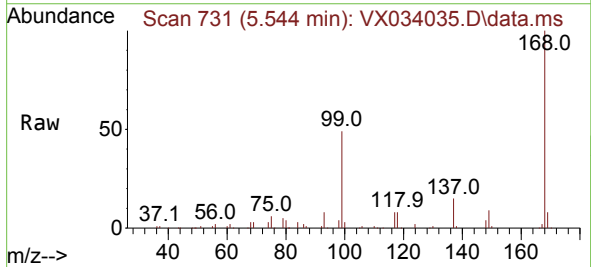
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10-GW-598-600

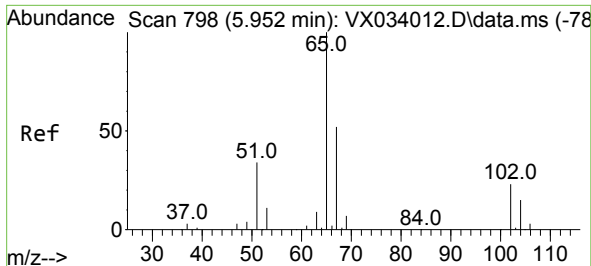
Tgt Ion: 43 Resp: 745
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#



#31
Cyclohexane
Concen: 0.996 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.073 min
Lab File: VX034035.D
Acq: 06 Feb 2023 18:15

Tgt Ion: 56 Resp: 1965
Ion Ratio Lower Upper
56 100
69 170.6 24.6 37.0#
84 155.3 71.0 106.6#





#33

1,2-Dichloroethane-d4

Concen: 48.477 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX034035.D

Acq: 06 Feb 2023 18:15

Instrument :

MSVOA_X

ClientSampleId :

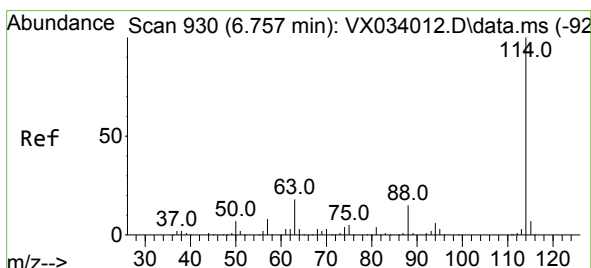
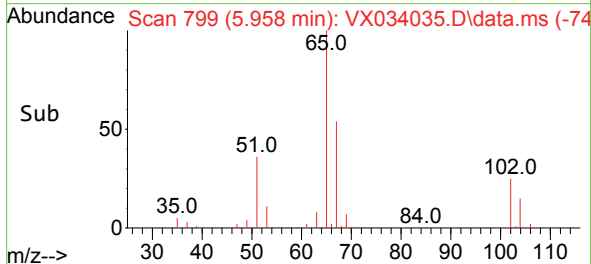
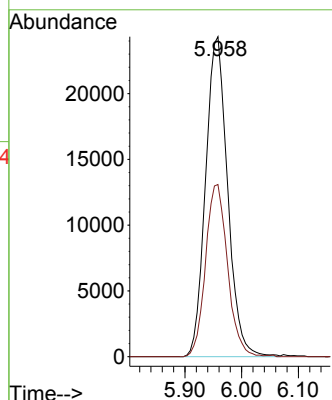
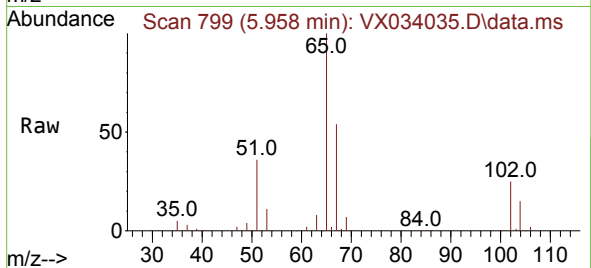
BP-VPB-RW10-GW-598-600

Tgt Ion: 65 Resp: 65667

Ion Ratio Lower Upper

65 100

67 53.8 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX034035.D

Acq: 06 Feb 2023 18:15

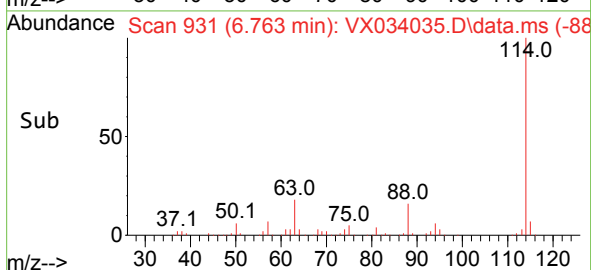
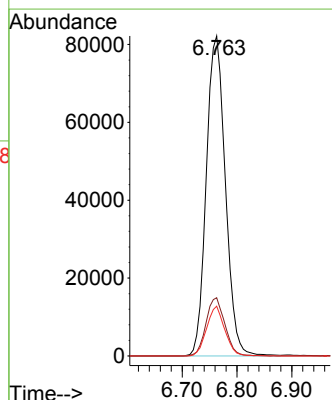
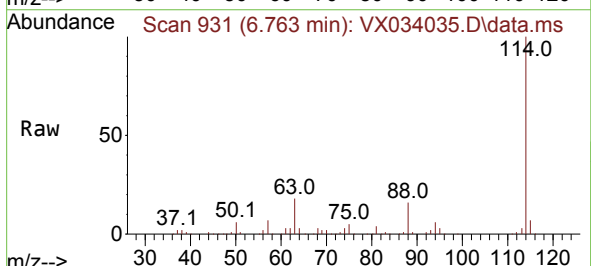
Tgt Ion: 114 Resp: 198480

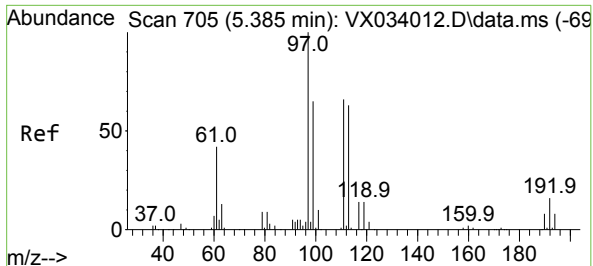
Ion Ratio Lower Upper

114 100

63 18.2 0.0 37.4

88 15.5 0.0 30.6

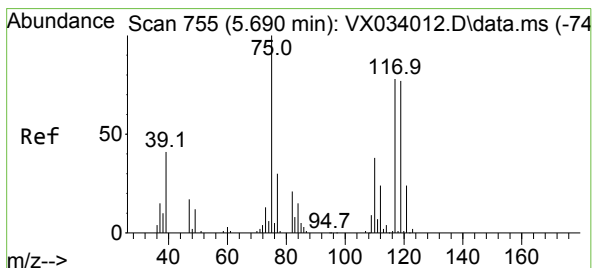
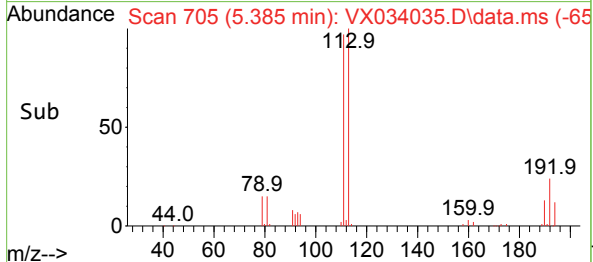
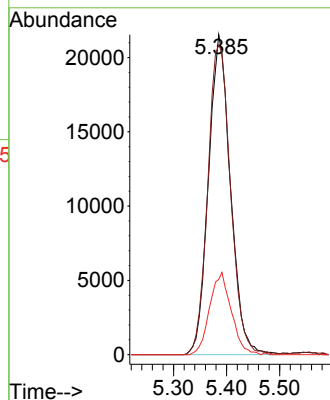
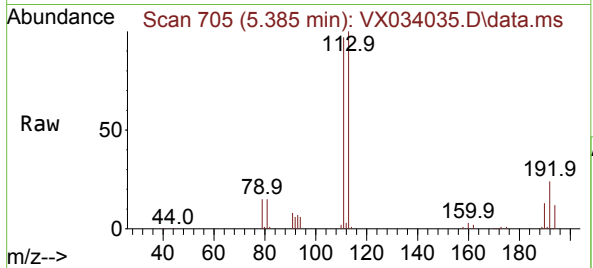




#35
Dibromofluoromethane
Concen: 48.979 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX034035.D
Acq: 06 Feb 2023 18:15

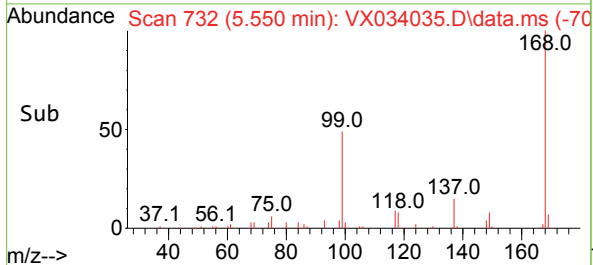
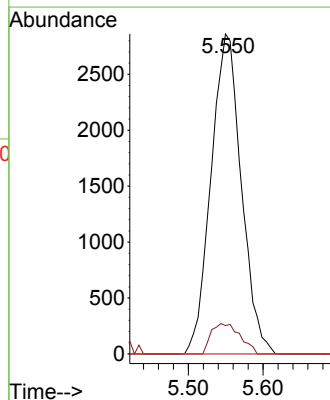
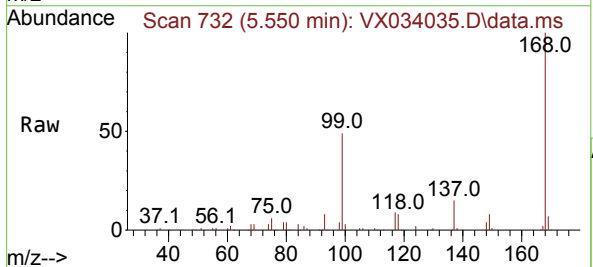
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10-GW-598-600

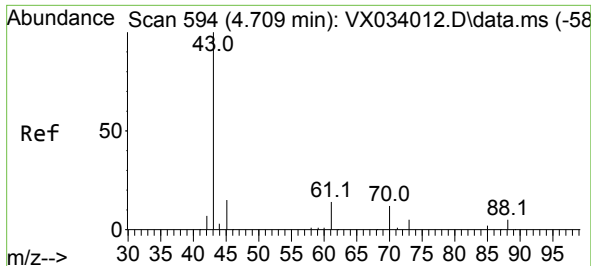
Tgt Ion:113 Resp: 61870
Ion Ratio Lower Upper
113 100
111 100.8 83.0 124.6
192 25.3 19.0 28.4



#36
1,1-Dichloropropene
Concen: 4.647 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX034035.D
Acq: 06 Feb 2023 18:15

Tgt Ion: 75 Resp: 8049
Ion Ratio Lower Upper
75 100
110 9.1 18.8 56.4#
77 0.0 25.1 37.7#





#37

Ethyl Acetate

Concen: 0.462 ug/l

RT: 4.586 min Scan# 51

Delta R.T. -0.122 min

Lab File: VX034035.D

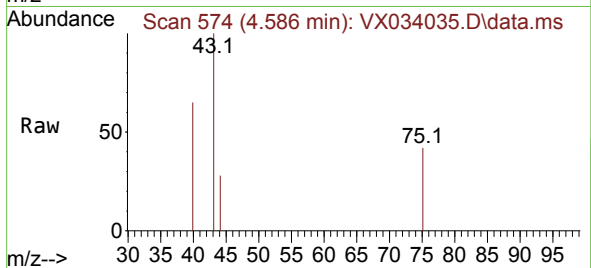
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Instrument :

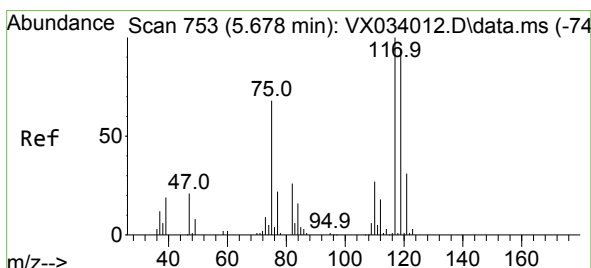
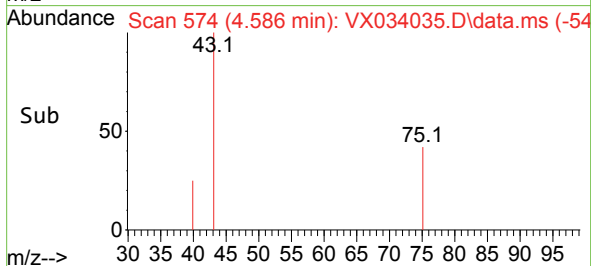
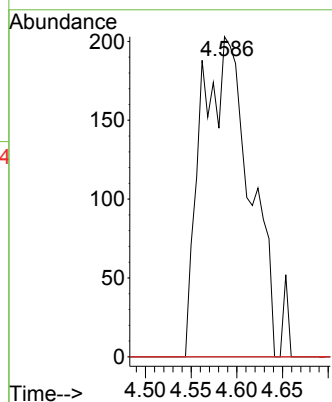
MSVOA_X

ClientSampleId :

BP-VPB-RW10-GW-598-600



Tgt Ion:	43	Resp:	745
Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.1	16.7#
70	0.0	8.5	12.7#



#38

Carbon Tetrachloride

Concen: 6.447 ug/l

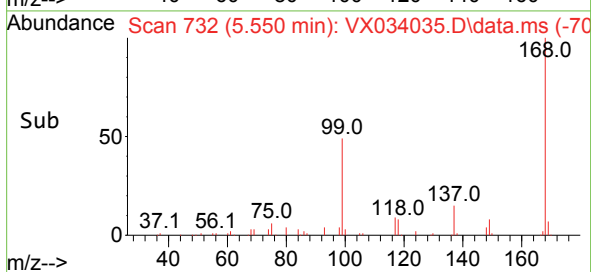
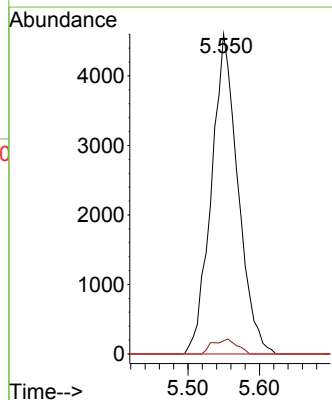
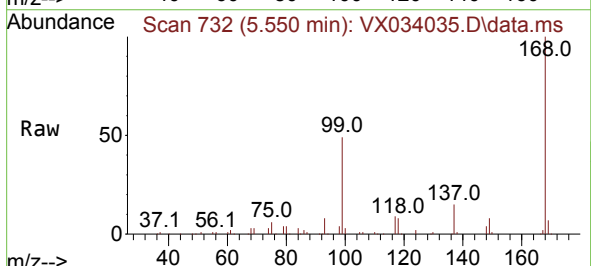
RT: 5.550 min Scan# 732

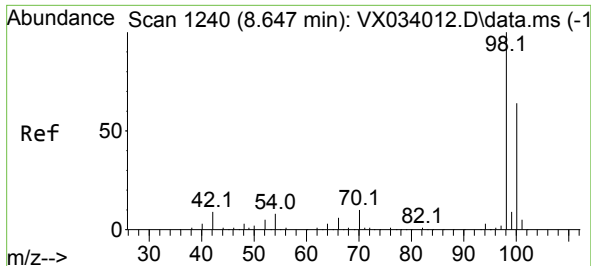
Delta R.T. -0.128 min

Lab File: VX034035.D

Acq: 06 Feb 2023 18:15

Tgt Ion:	117	Resp:	11908
Ion	Ratio	Lower	Upper
117	100		
119	4.1	78.0	117.0#
121	0.0	24.4	36.6#

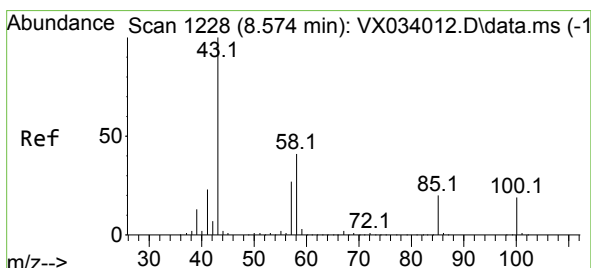
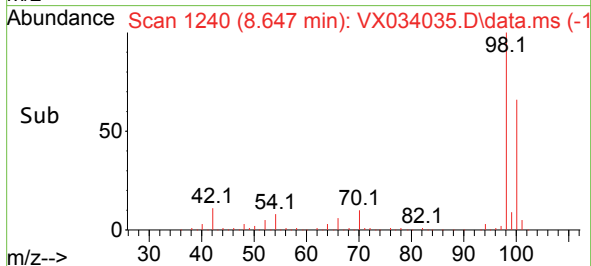
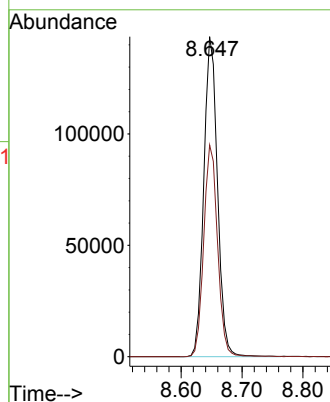
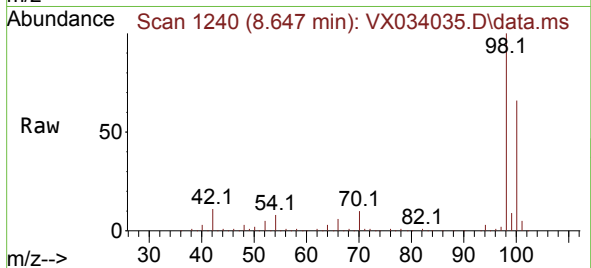




#50
Toluene-d8
Concen: 49.369 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034035.D
Acq: 06 Feb 2023 18:15

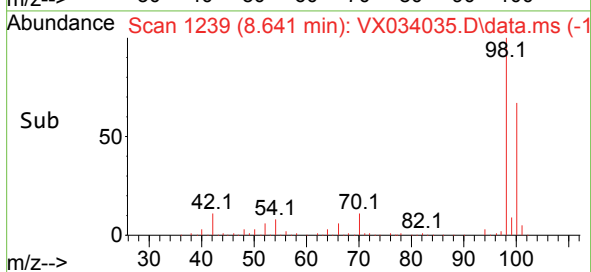
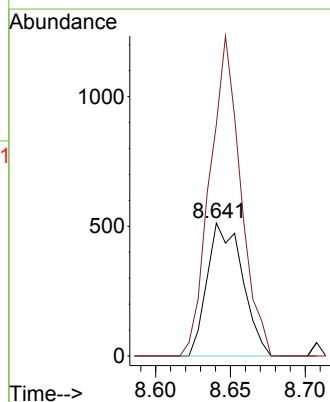
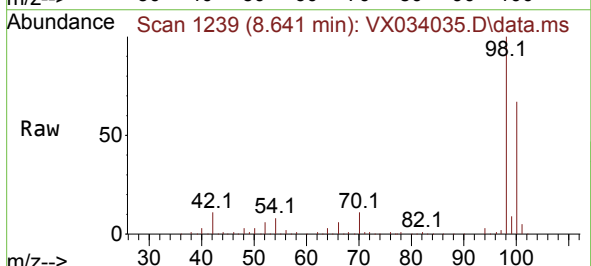
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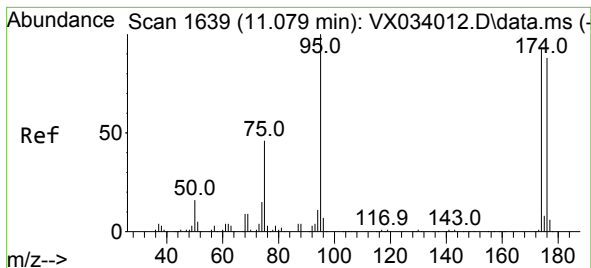
Tgt Ion: 98 Resp: 224689
Ion Ratio Lower Upper
98 100
100 66.7 53.6 80.4



#51
4-Methyl-2-Pentanone
Concen: 0.531 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX034035.D
Acq: 06 Feb 2023 18:15

Tgt Ion: 43 Resp: 838
Ion Ratio Lower Upper
43 100
58 210.4 31.2 46.8#





#62

4-Bromofluorobenzene

Concen: 48.169 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX034035.D

Acq: 06 Feb 2023 18:15

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-RW10-GW-598-600

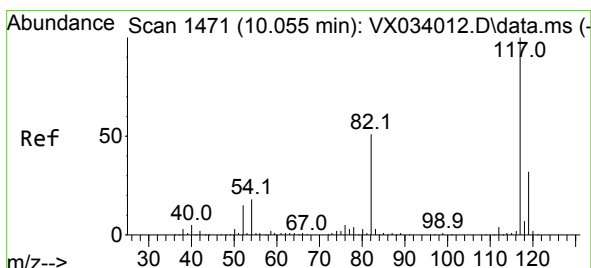
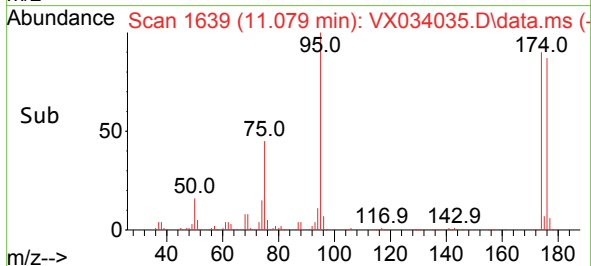
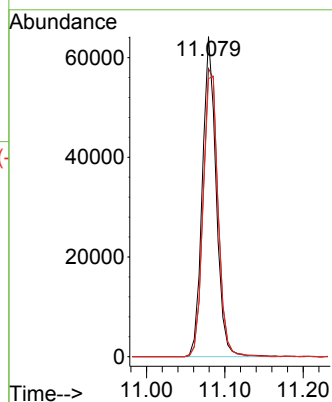
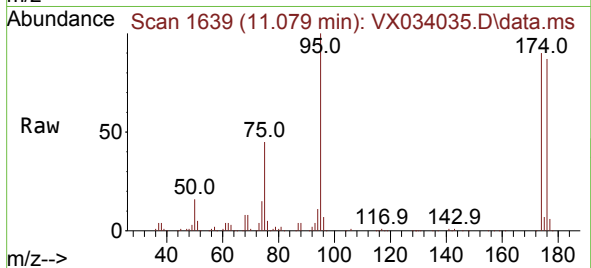
Tgt Ion: 95 Resp: 78298

Ion Ratio Lower Upper

95 100

174 97.3 0.0 184.4

176 95.8 0.0 178.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX034035.D

Acq: 06 Feb 2023 18:15

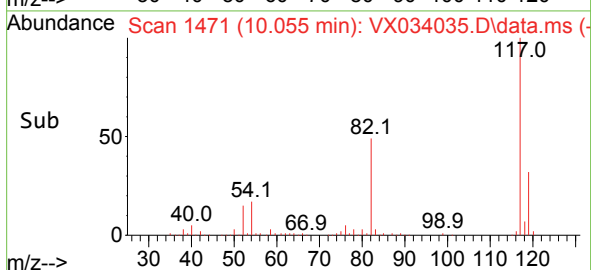
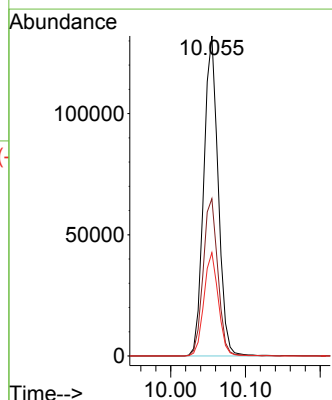
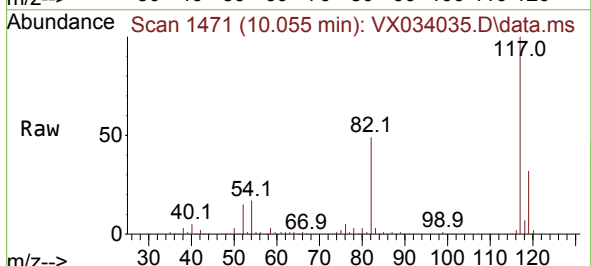
Tgt Ion: 117 Resp: 176884

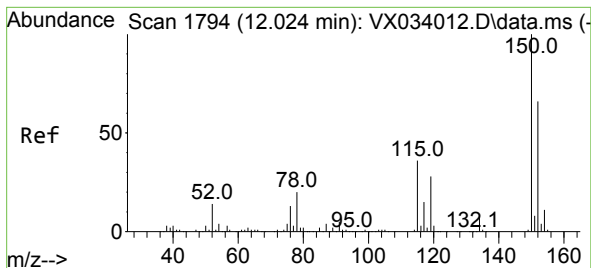
Ion Ratio Lower Upper

117 100

82 49.1 40.6 60.8

119 32.3 25.6 38.4

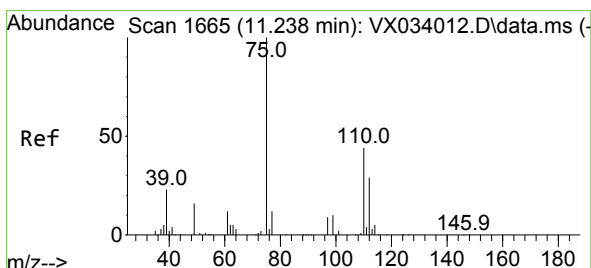
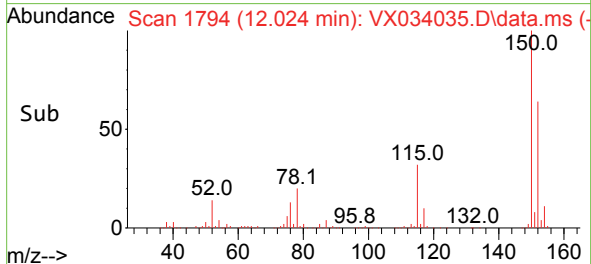
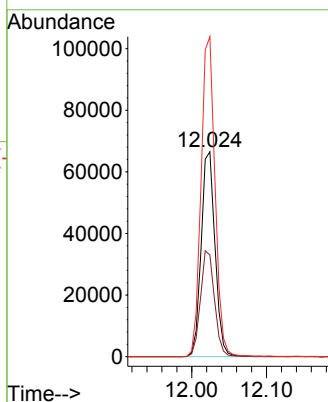
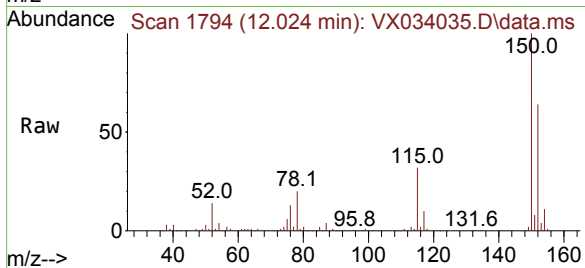




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034035.D
Acq: 06 Feb 2023 18:15

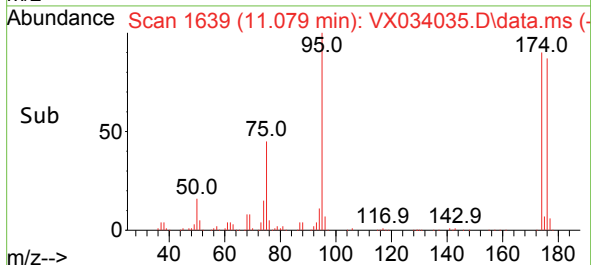
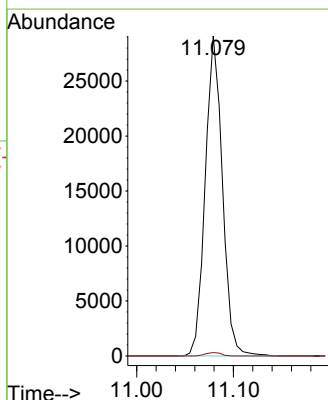
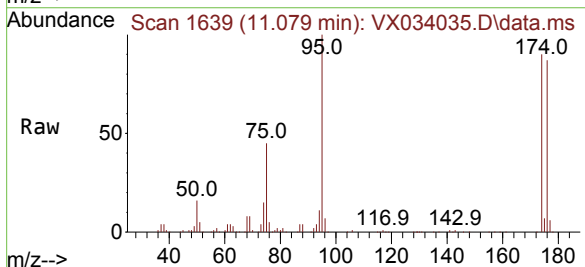
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10-GW-598-600

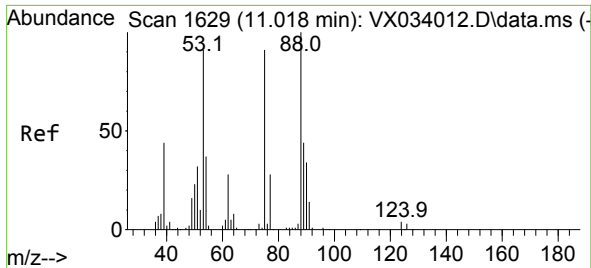
Tgt Ion:152 Resp: 85906
Ion Ratio Lower Upper
152 100
115 52.3 38.7 116.1
150 157.4 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 24.352 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX034035.D
Acq: 06 Feb 2023 18:15

Tgt Ion: 75 Resp: 35921
Ion Ratio Lower Upper
75 100
77 1.0 21.8 65.4#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 74.995 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX034035.D
 Acq: 06 Feb 2023 18:15

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW10-GW-598-600

Tgt Ion: 75 Resp: 35921
 Ion Ratio Lower Upper
 75 100
 53 0.0 83.0 124.6#
 89 0.0 37.7 56.5#

