

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022123\
 Data File : VX034203.D
 Acq On : 21 Feb 2023 11:58
 Operator : JC/MD
 Sample : 01613-01RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW10-TB-20230215

Quant Time: Feb 21 15:52:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 12:33:35 2023
 Response via : Initial Calibration

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

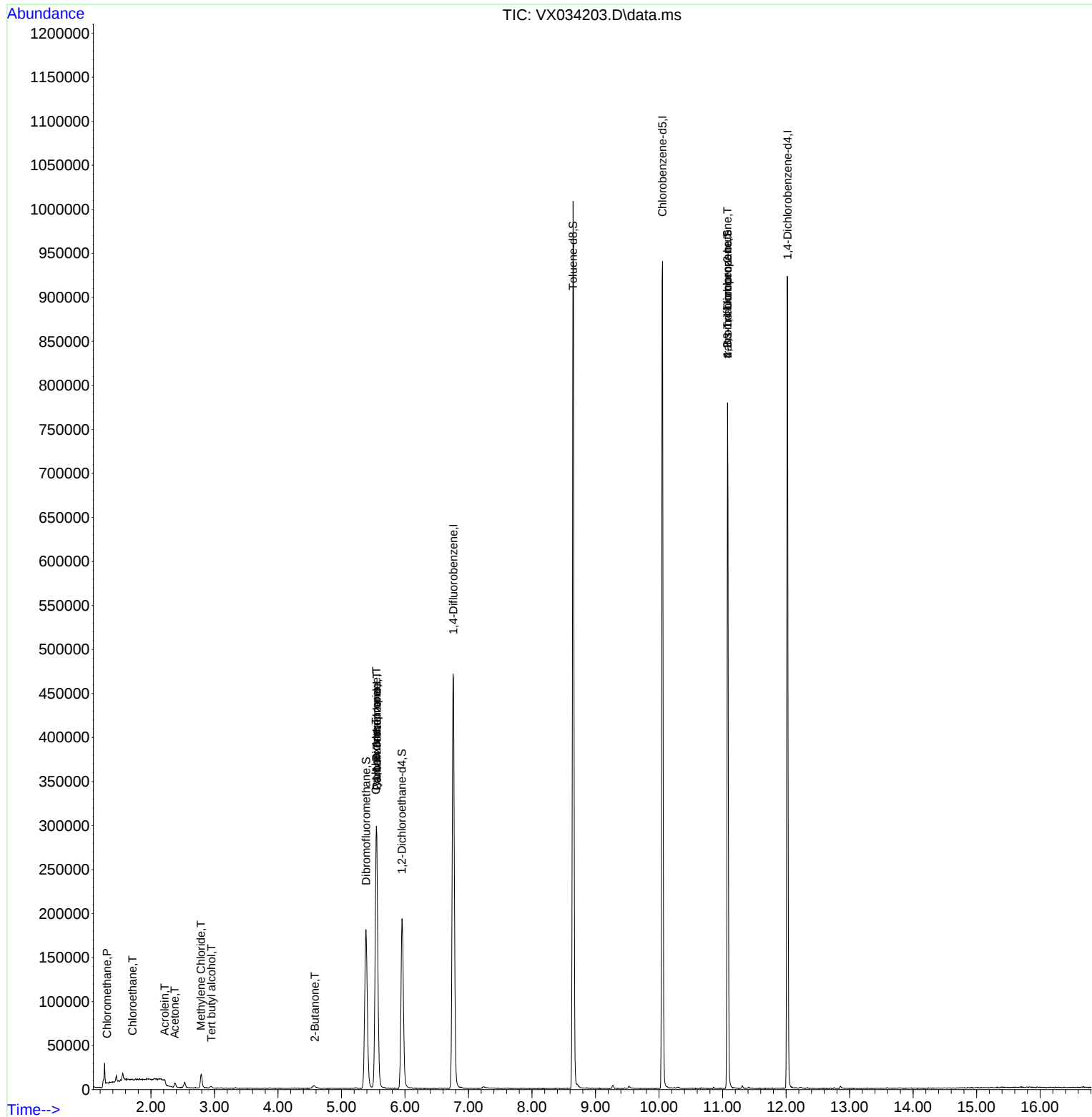
Internal Standards						
1) Pentafluorobenzene	5.556	168	301894	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	503774	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	445579	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	198683	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	178694	43.951	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.900%
35) Dibromofluoromethane	5.385	113	157731	48.088	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.180%
50) Toluene-d8	8.647	98	602405	51.153	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.300%
62) 4-Bromofluorobenzene	11.079	95	206286	45.795	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.580%
Target Compounds						
					Qvalue	
3) Chloromethane	1.307	50	1068	0.284	ug/l #	86
5) Bromomethane	1.624	94	341	Below Cal		85
6) Chloroethane	1.709	64	505	0.294	ug/l #	42
11) Tert butyl alcohol	2.953	59	1958	2.153	ug/l #	93
13) Acrolein	2.215	56	253	0.609	ug/l #	18
16) Acetone	2.373	43	5537	2.640	ug/l	97
20) Methylene Chloride	2.788	84	7579	2.006	ug/l	96
25) 2-Butanone	4.580	43	2031	0.669	ug/l	97
31) Cyclohexane	5.544	56	6266	1.032	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	22190	4.574	ug/l #	48
38) Carbon Tetrachloride	5.556	117	28328	5.675	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	101504	20.303	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	101504	52.157	ug/l #	8

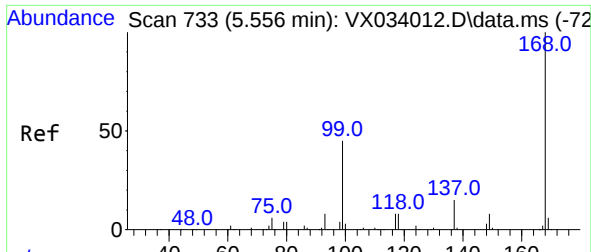
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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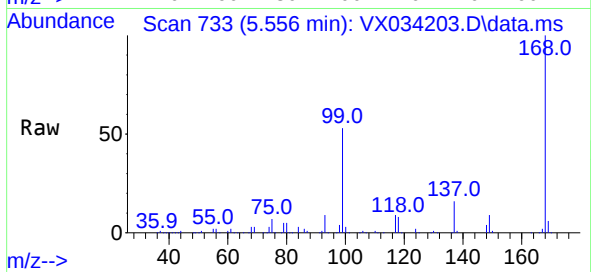
Quant Time: Feb 21 15:52:39 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 17 12:33:35 2023
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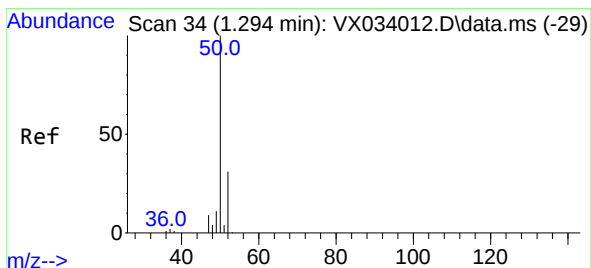
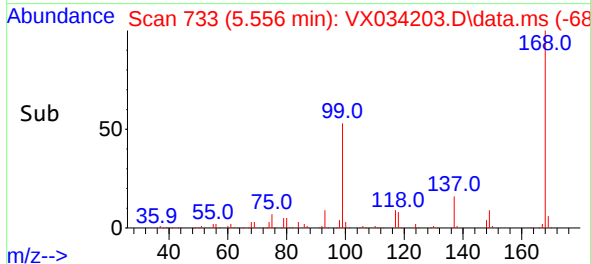
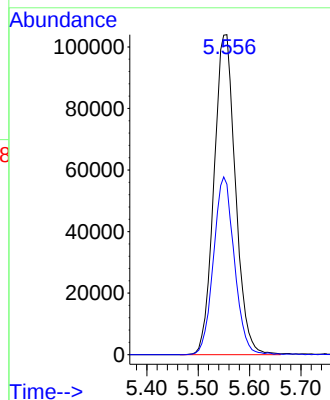


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034203.D
Acq: 21 Feb 2023 11:58

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10-TB-20230215

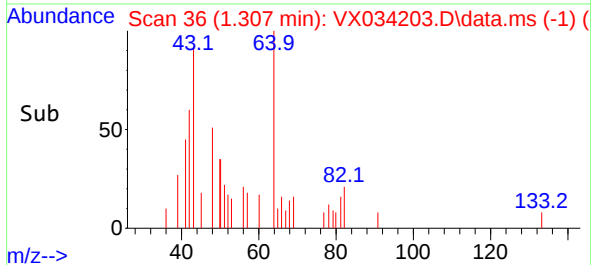
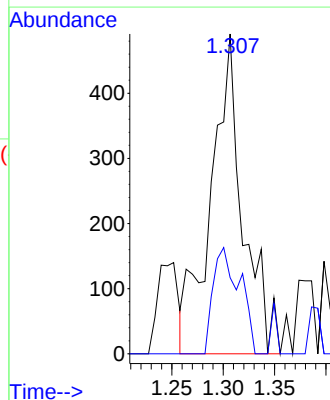
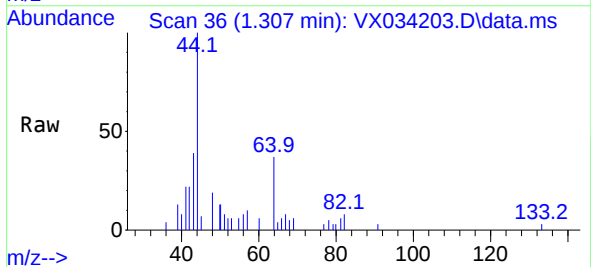


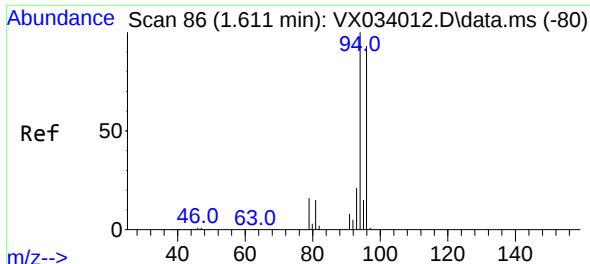
Tgt Ion:168 Resp: 301894
Ion Ratio Lower Upper
168 100
99 53.3 39.6 59.4



#3
Chloromethane
Concen: 0.284 ug/l
RT: 1.307 min Scan# 36
Delta R.T. 0.012 min
Lab File: VX034203.D
Acq: 21 Feb 2023 11:58

Tgt Ion: 50 Resp: 1068
Ion Ratio Lower Upper
50 100
52 23.8 25.2 37.8#

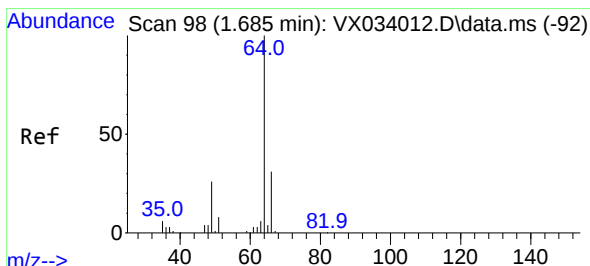
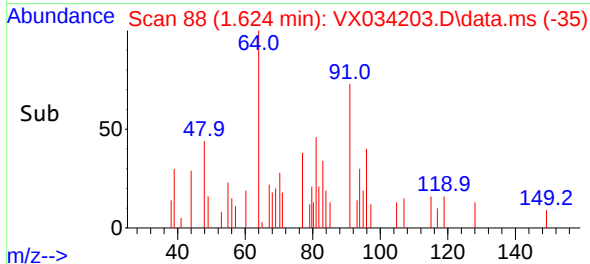
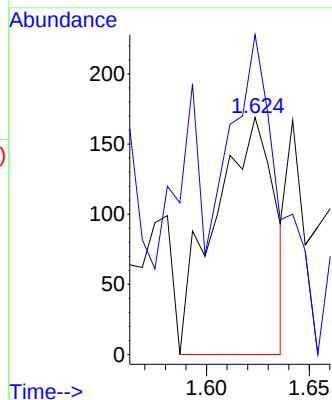
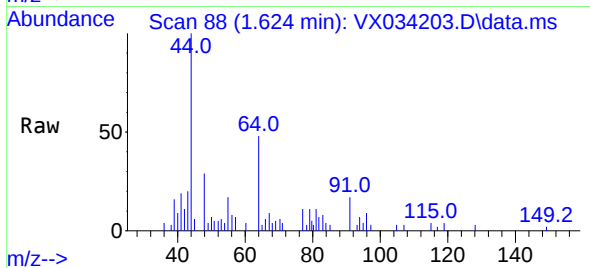




#5
Bromomethane
Concen: Below Cal
RT: 1.624 min Scan# 81
Delta R.T. 0.025 min
Lab File: VX034203.D
Acq: 21 Feb 2023 11:58

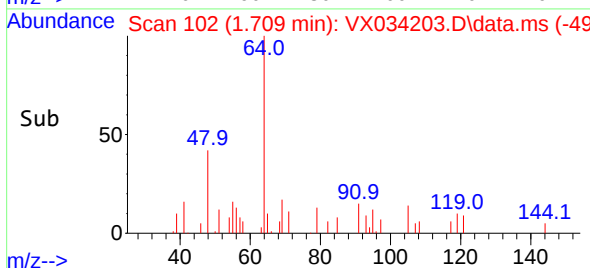
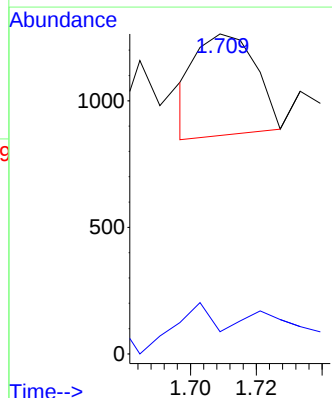
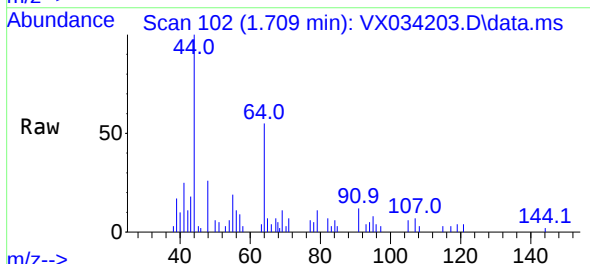
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10-TB-20230215

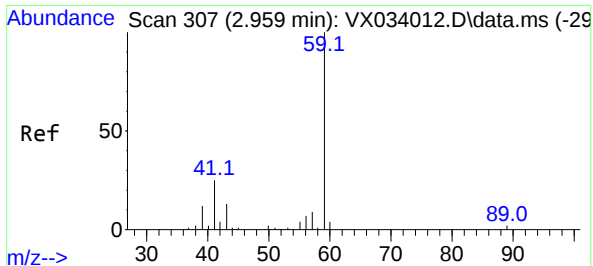
Tgt Ion: 94 Resp: 341
Ion Ratio Lower Upper
94 100
96 78.1 74.3 111.5



#6
Chloroethane
Concen: 0.294 ug/l
RT: 1.709 min Scan# 102
Delta R.T. 0.025 min
Lab File: VX034203.D
Acq: 21 Feb 2023 11:58

Tgt Ion: 64 Resp: 505
Ion Ratio Lower Upper
64 100
66 0.0 26.1 39.1#





#11

Tert butyl alcohol

Concen: 2.153 ug/l

RT: 2.953 min Scan# 307

Delta R.T. 0.000 min

Lab File: VX034203.D

Acq: 21 Feb 2023 11:58

Instrument :

MSVOA_X

ClientSampleId :

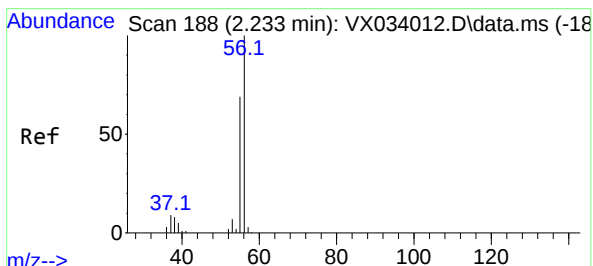
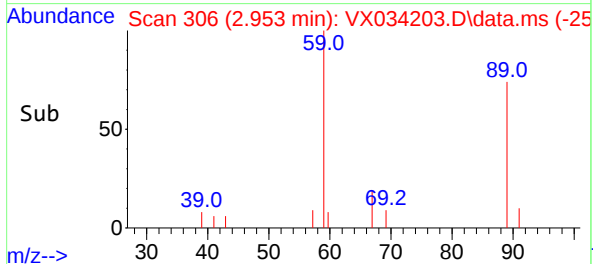
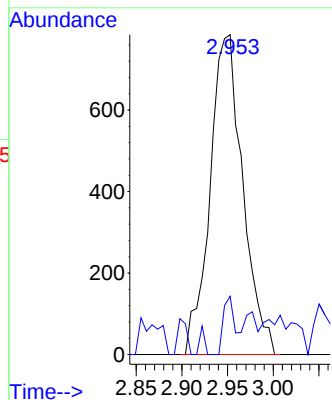
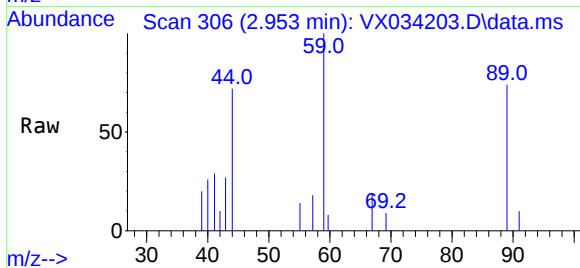
BP-VPB-RW10-TB-20230215

Tgt Ion: 59 Resp: 1958

Ion Ratio Lower Upper

59 100

57 6.9 3.7 5.5#



#13

Acrolein

Concen: 0.609 ug/l

RT: 2.215 min Scan# 185

Delta R.T. -0.018 min

Lab File: VX034203.D

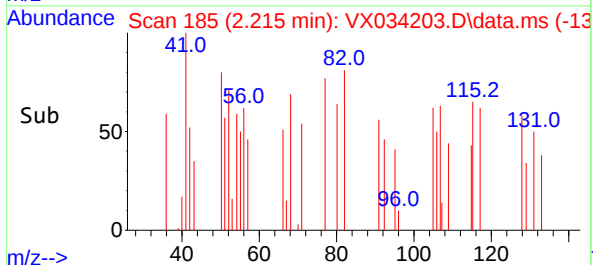
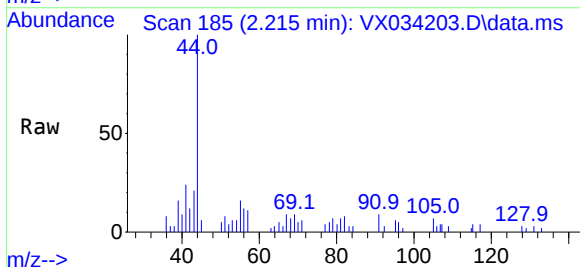
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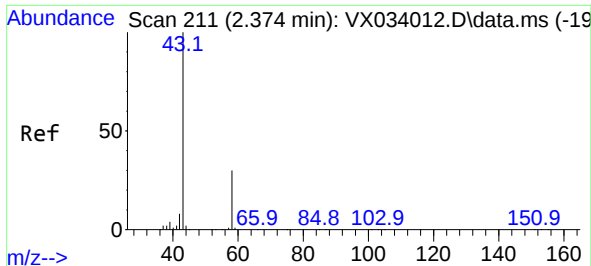
Tgt Ion: 56 Resp: 253

Ion Ratio Lower Upper

56 100

55 137.5 56.3 84.5#

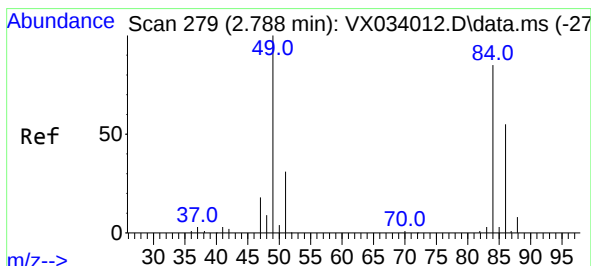
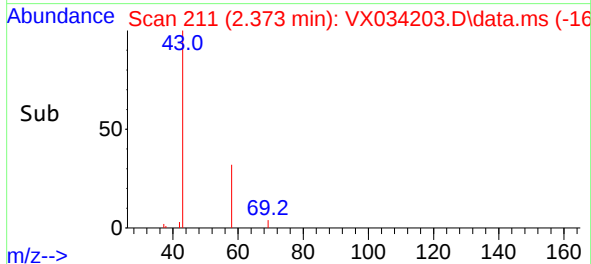
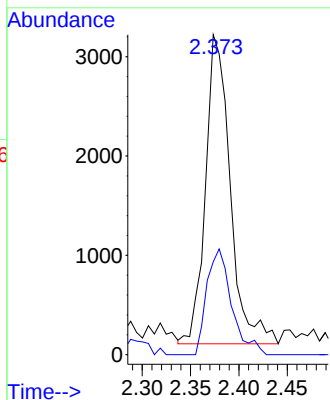
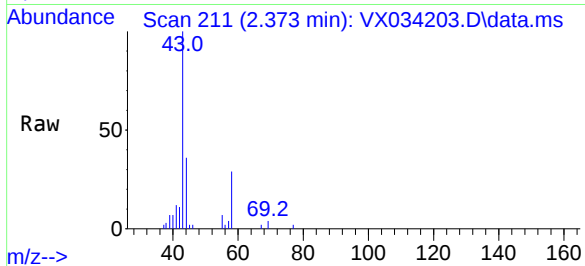




#16
Acetone
Concen: 2.640 ug/l
RT: 2.373 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX034203.D
Acq: 21 Feb 2023 11:58

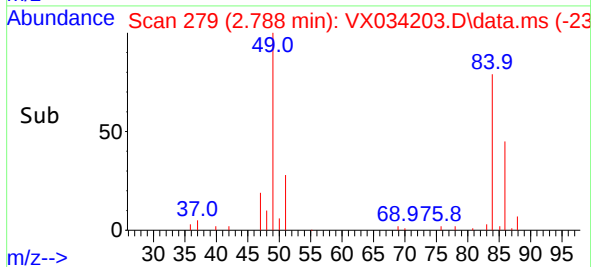
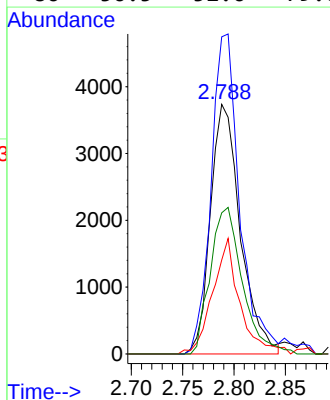
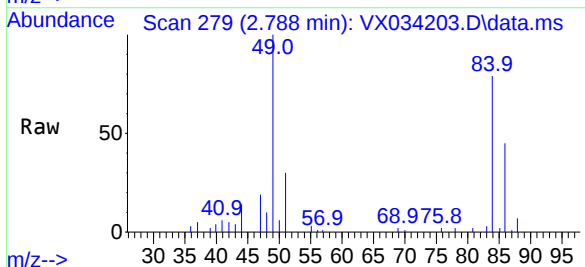
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10-TB-20230215

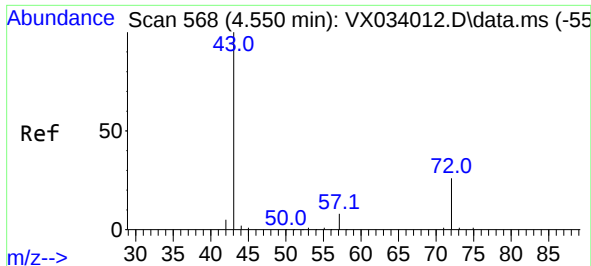
Tgt Ion: 43 Resp: 5537
Ion Ratio Lower Upper
43 100
58 30.0 22.6 33.8



#20
Methylene Chloride
Concen: 2.006 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX034203.D
Acq: 21 Feb 2023 11:58

Tgt Ion: 84 Resp: 7579
Ion Ratio Lower Upper
84 100
49 127.0 101.1 151.7
51 37.6 31.0 46.6
86 56.5 52.6 79.0

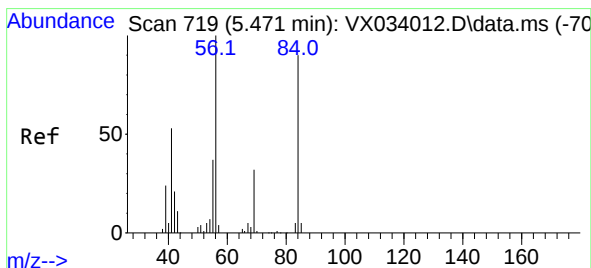
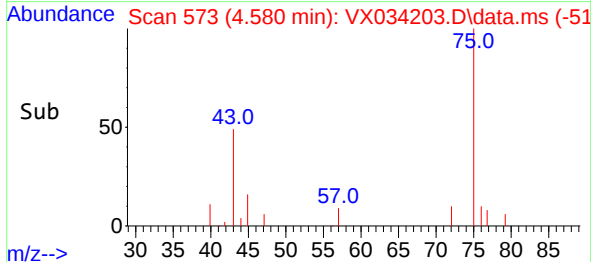
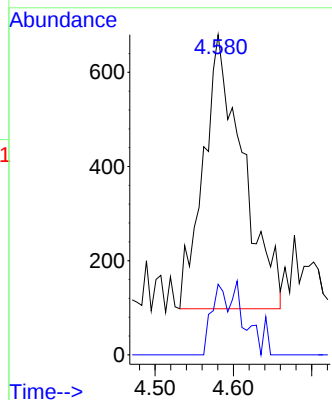
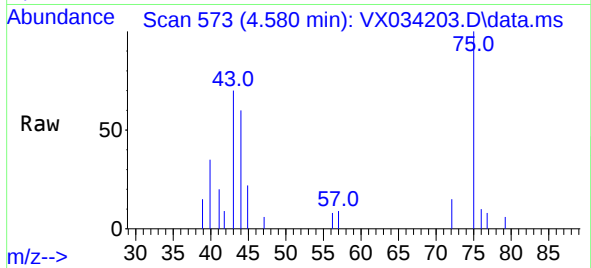




#25
2-Butanone
Concen: 0.669 ug/l
RT: 4.580 min Scan# 51
Delta R.T. 0.037 min
Lab File: VX034203.D
Acq: 21 Feb 2023 11:58

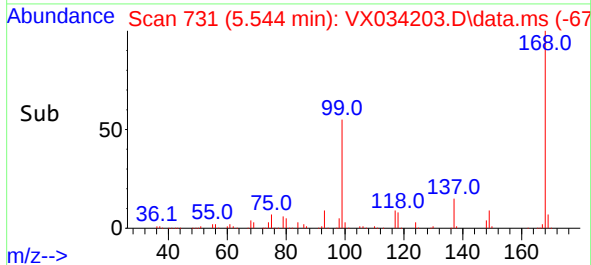
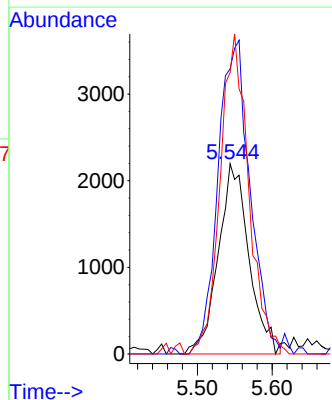
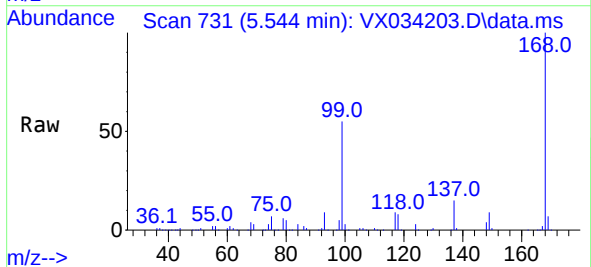
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10-TB-20230215

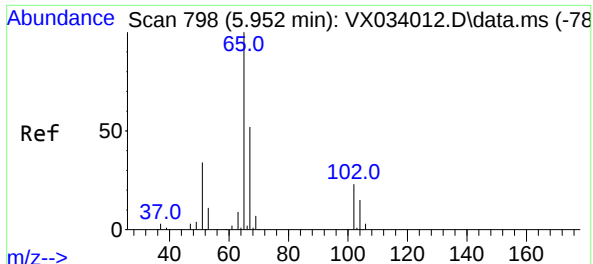
Tgt Ion: 43 Resp: 2031
Ion Ratio Lower Upper
43 100
72 25.8 19.4 29.2



#31
Cyclohexane
Concen: 1.032 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.073 min
Lab File: VX034203.D
Acq: 21 Feb 2023 11:58

Tgt Ion: 56 Resp: 6266
Ion Ratio Lower Upper
56 100
69 149.9 24.6 37.0#
84 143.6 71.0 106.6#

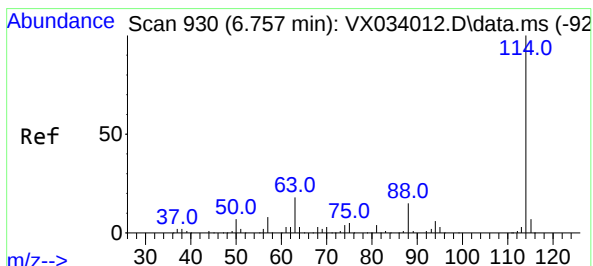
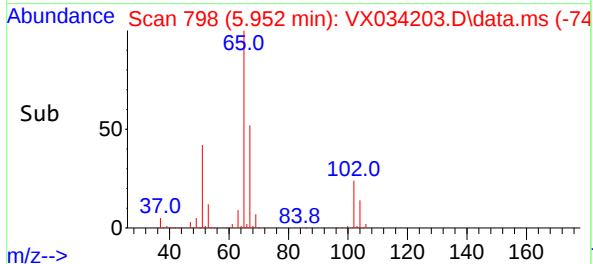
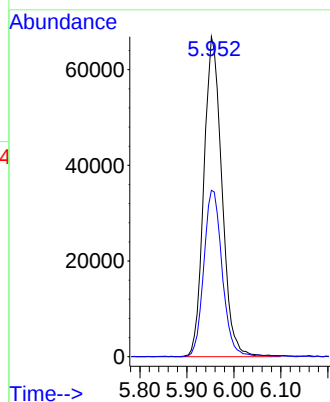
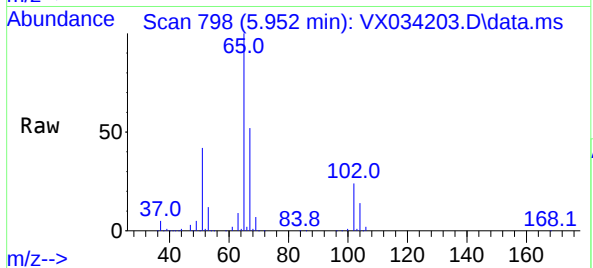




#33
1,2-Dichloroethane-d4
Concen: 43.951 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX034203.D
Acq: 21 Feb 2023 11:58

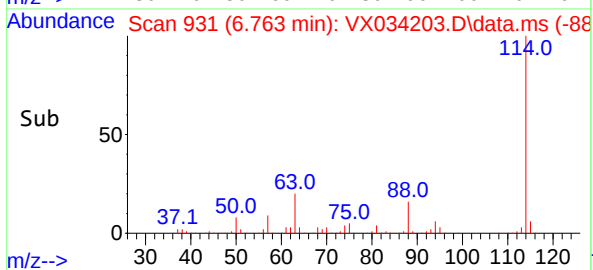
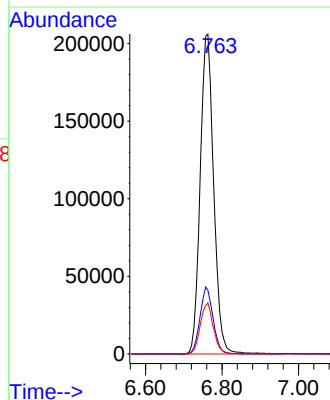
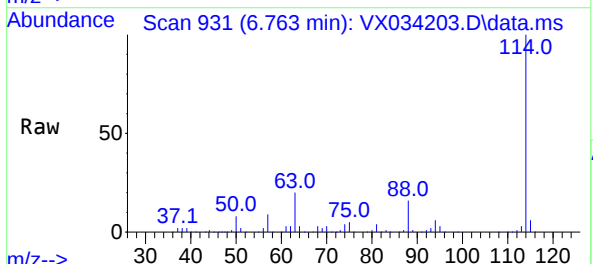
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ClientSampleId : BP-VPB-RW10-TB-20230215

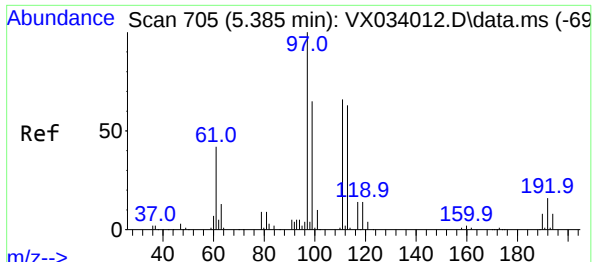
Tgt Ion: 65 Resp: 178694
Ion Ratio Lower Upper
65 100
67 52.6 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.006 min
Lab File: VX034203.D
Acq: 21 Feb 2023 11:58

Tgt Ion: 114 Resp: 503774
Ion Ratio Lower Upper
114 100
63 19.9 0.0 37.4
88 16.0 0.0 30.6



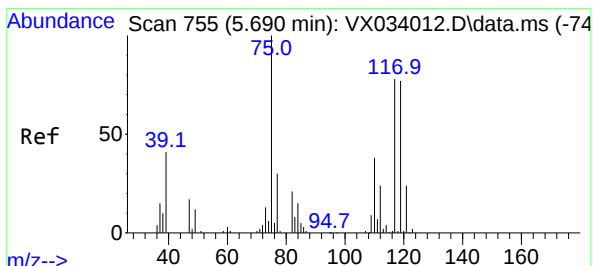
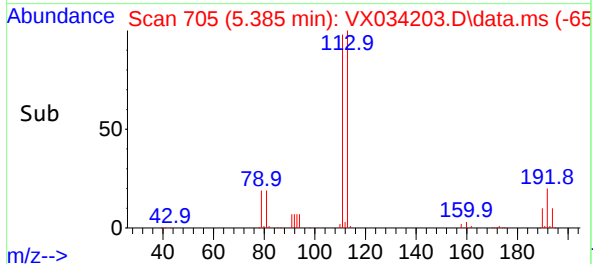
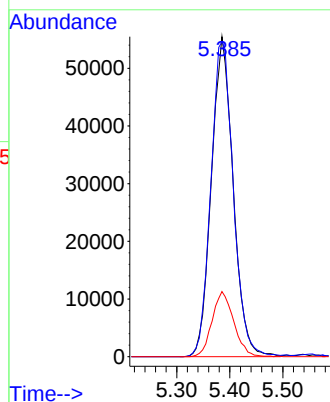
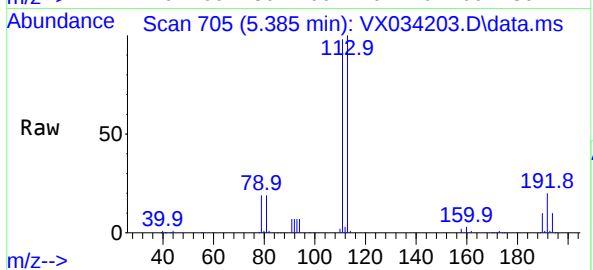


#35
 Dibromofluoromethane
 Concen: 48.088 ug/l
 RT: 5.385 min Scan# 705
 Delta R.T. 0.000 min
 Lab File: VX034203.D
 Acq: 21 Feb 2023 11:58

Instrument : MSVOA_X
 ClientSampleId : BP-VPB-RW10-TB-20230215

Tgt Ion:113 Resp: 157731

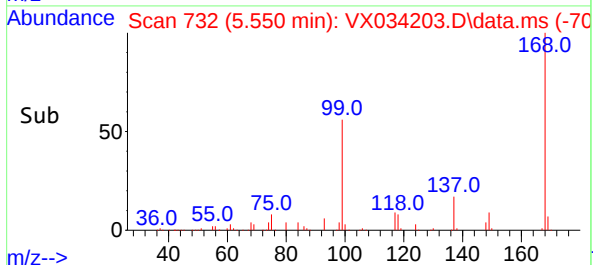
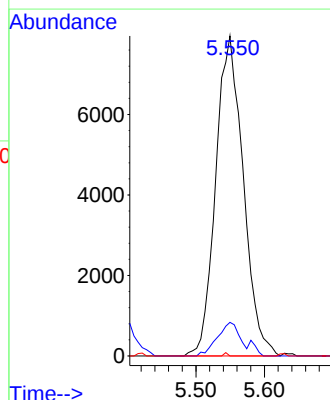
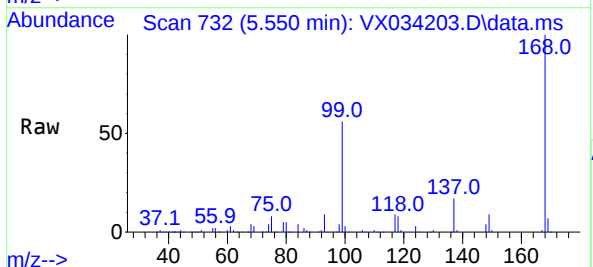
Ion	Ratio	Lower	Upper
113	100		
111	102.0	83.0	124.6
192	20.3	19.0	28.4

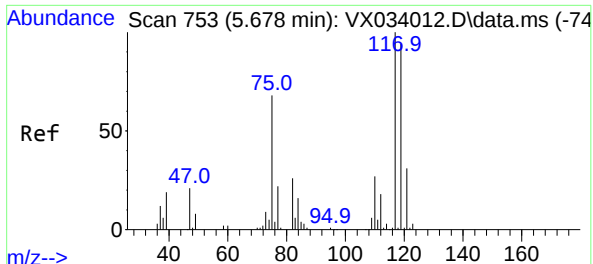


#36
 1,1-Dichloropropene
 Concen: 4.574 ug/l
 RT: 5.550 min Scan# 732
 Delta R.T. -0.140 min
 Lab File: VX034203.D
 Acq: 21 Feb 2023 11:58

Tgt Ion: 75 Resp: 22190

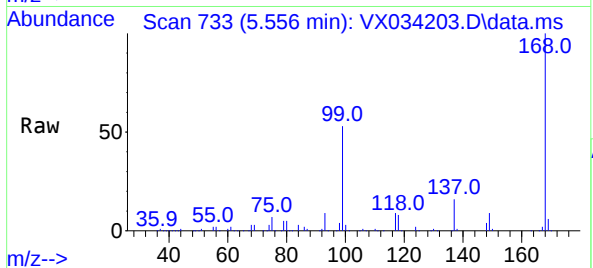
Ion	Ratio	Lower	Upper
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110	8.5	18.8	56.4#
77	0.1	25.1	37.7#



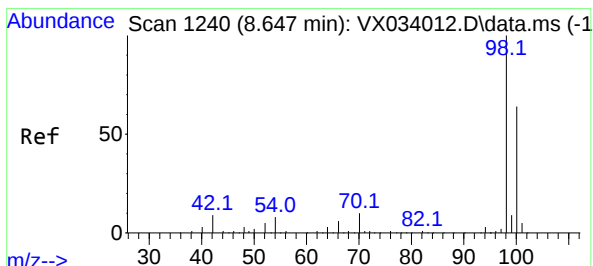
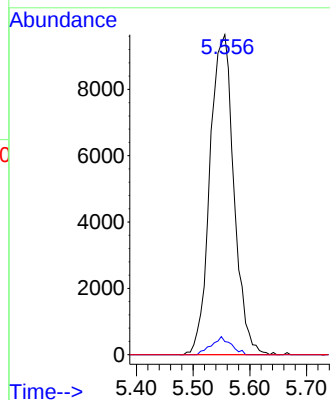
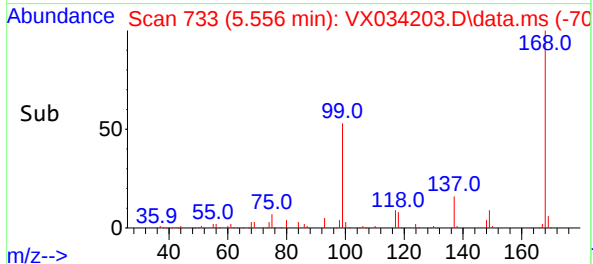


#38
Carbon Tetrachloride
Concen: 5.675 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.116 min
Lab File: VX034203.D
Acq: 21 Feb 2023 11:58

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10-TB-20230215

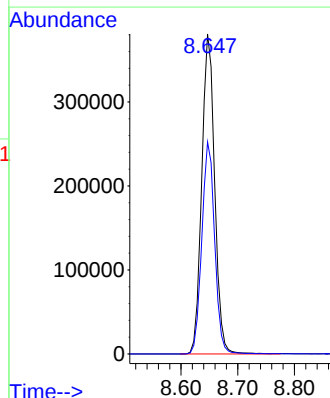
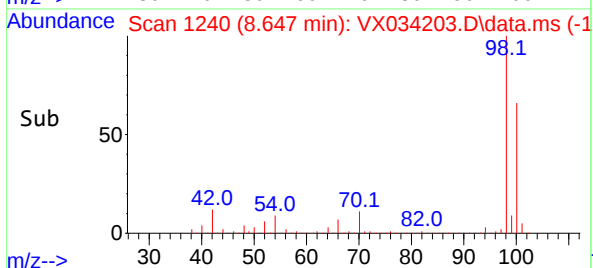
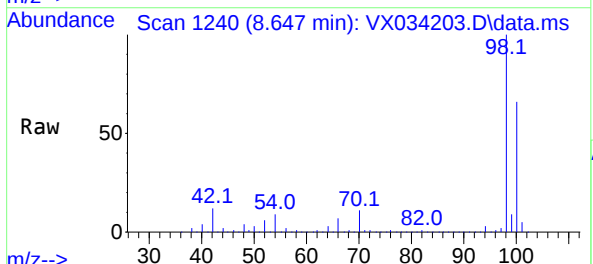


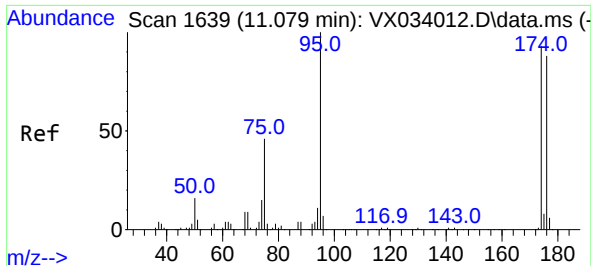
Tgt Ion:117 Resp: 28328
Ion Ratio Lower Upper
117 100
119 4.1 78.0 117.0#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 51.153 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034203.D
Acq: 21 Feb 2023 11:58

Tgt Ion: 98 Resp: 602405
Ion Ratio Lower Upper
98 100
100 66.0 53.6 80.4

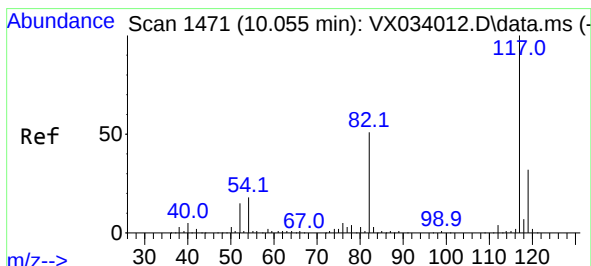
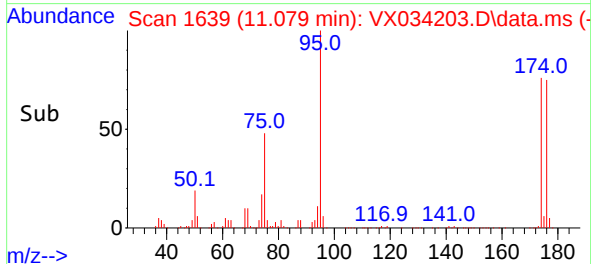
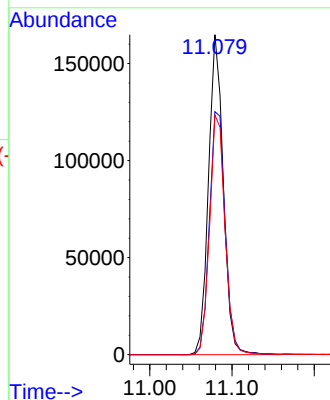
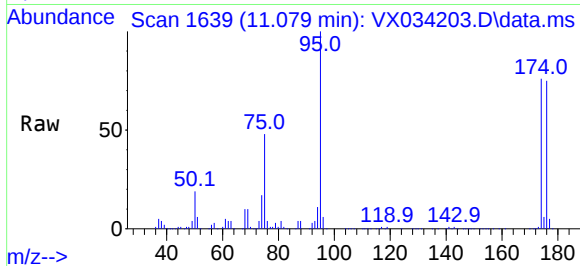




#62
4-Bromofluorobenzene
Concen: 45.795 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034203.D
Acq: 21 Feb 2023 11:58

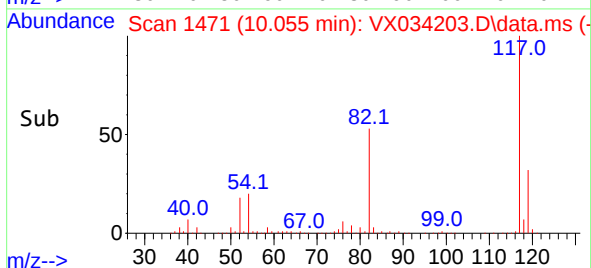
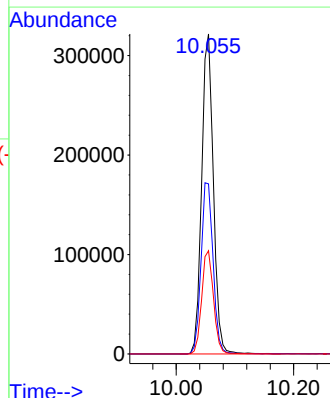
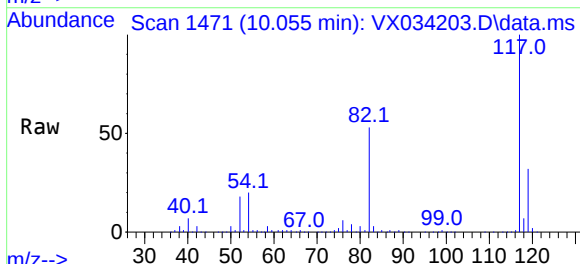
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10-TB-20230215

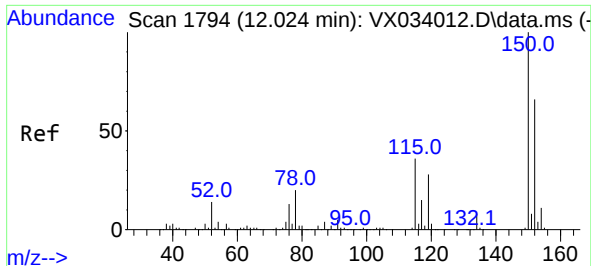
Tgt Ion: 95 Resp: 206286
Ion Ratio Lower Upper
95 100
174 81.5 0.0 184.4
176 78.1 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034203.D
Acq: 21 Feb 2023 11:58

Tgt Ion: 117 Resp: 445579
Ion Ratio Lower Upper
117 100
82 53.2 40.6 60.8
119 32.2 25.6 38.4

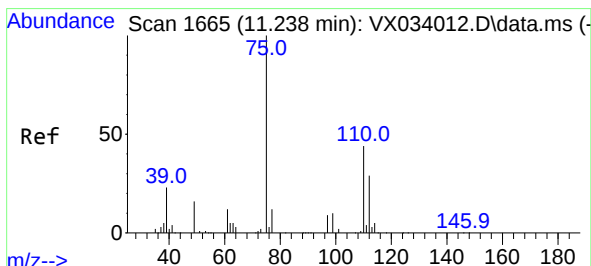
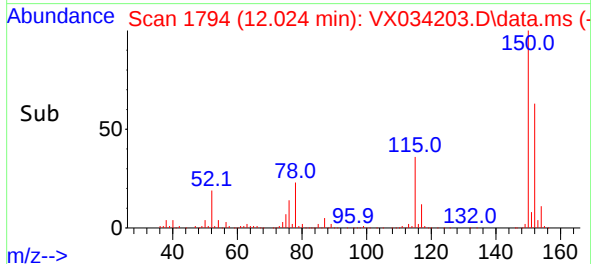
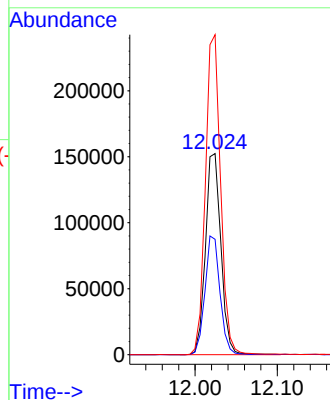
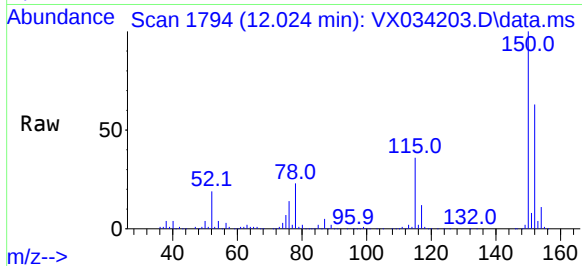




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034203.D
Acq: 21 Feb 2023 11:58

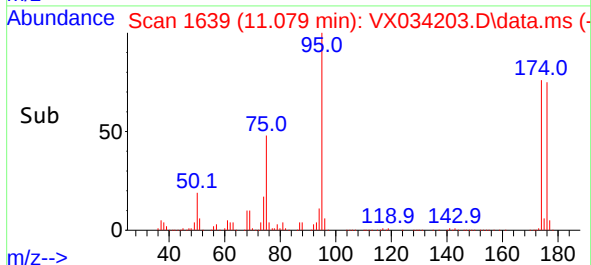
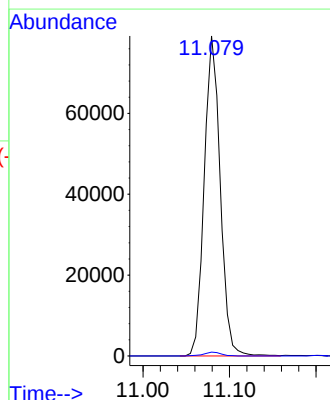
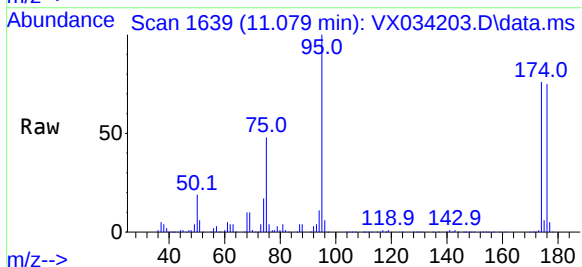
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10-TB-20230215

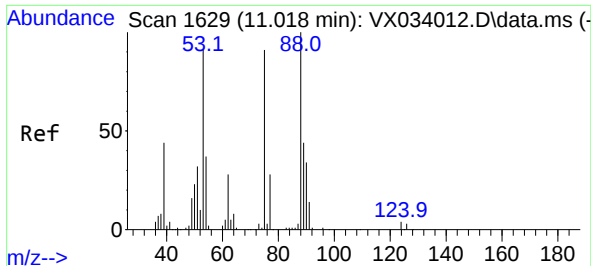
Tgt Ion:152 Resp: 198683
Ion Ratio Lower Upper
152 100
115 57.6 38.7 116.1
150 156.5 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 20.303 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX034203.D
Acq: 21 Feb 2023 11:58

Tgt Ion: 75 Resp: 101504
Ion Ratio Lower Upper
75 100
77 1.3 21.8 65.4#





#81
trans-1,4-Dichloro-2-butene
Concen: 52.157 ug/l
RT: 11.079 min Scan# 10
Delta R.T. 0.061 min
Lab File: VX034203.D
Acq: 21 Feb 2023 11:58

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10-TB-20230215

Tgt Ion: 75 Resp: 101504
Ion Ratio Lower Upper
75 100
53 0.0 83.0 124.6#
89 0.0 37.7 56.5#

