

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100522\
 Data File : VX031901.D
 Acq On : 05 Oct 2022 17:39
 Operator : JC/MD
 Sample : N4983-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW5-EB-20221003

Quant Time: Oct 06 06:47:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100522W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 05 12:20:53 2022
 Response via : Initial Calibration

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

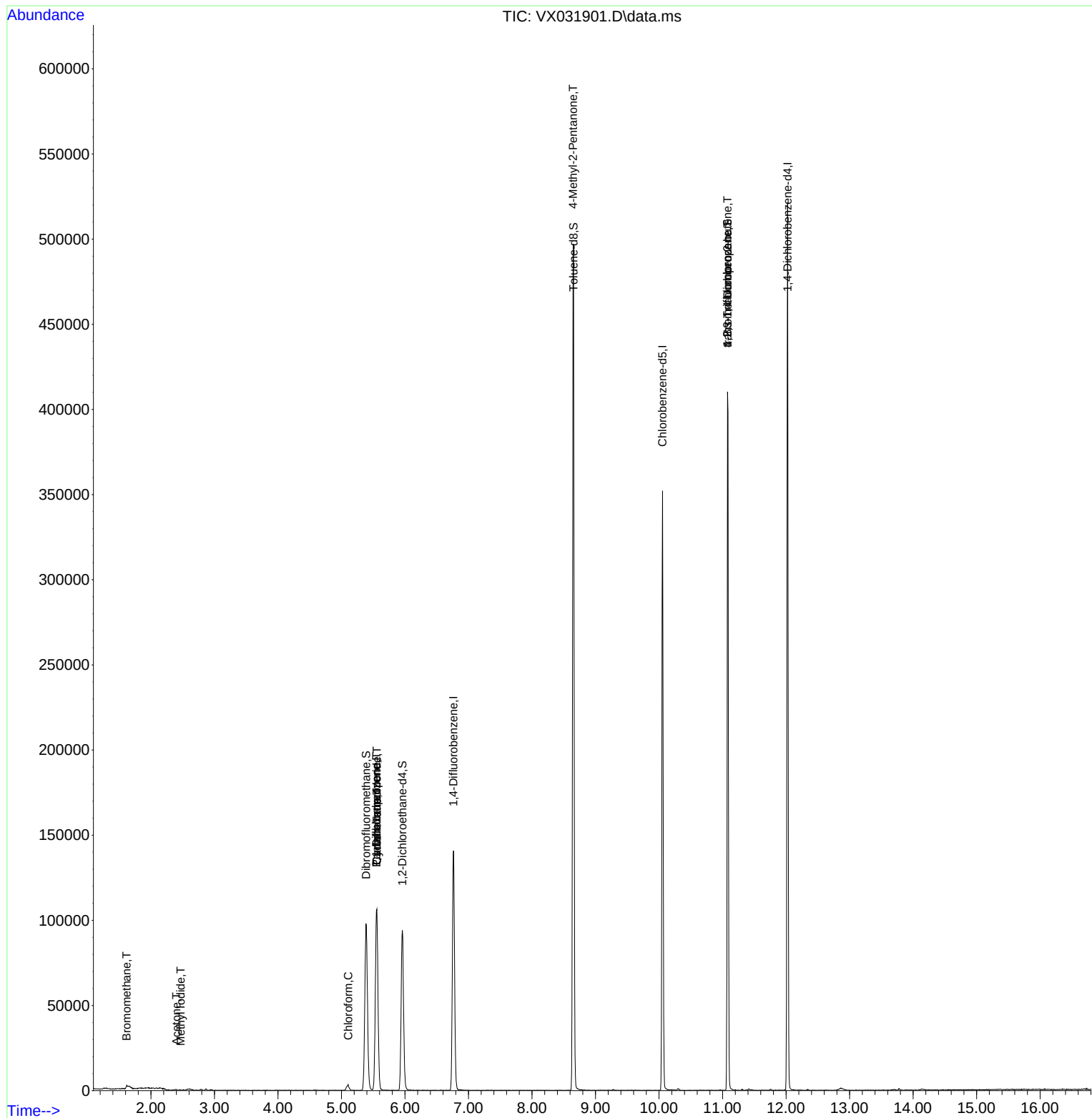
Internal Standards						
1) Pentafluorobenzene	5.549	168	114397	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	162993	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	173244	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	118670	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	88153	51.162	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.320%	
35) Dibromofluoromethane	5.385	113	85074	47.706	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 95.420%	
50) Toluene-d8	8.653	98	315948	50.017	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.040%	
62) 4-Bromofluorobenzene	11.079	95	107714	47.405	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 94.820%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.617	94	548	0.388	ug/l #	80
6) Chloroethane	1.709	64	95	Below Cal	#	43
10) Methyl Iodide	2.465	142	324	3.270	ug/l #	38
11) Tert butyl alcohol	2.946	59	185	Below Cal	#	73
16) Acetone	2.398	43	678	1.358	ug/l #	66
30) Chloroform	5.104	83	4091	1.394	ug/l	91
31) Cyclohexane	5.556	56	1711	0.860	ug/l #	1
36) 1,1-Dichloropropene	5.549	75	6998	3.381	ug/l #	50
38) Carbon Tetrachloride	5.556	117	10551	4.329	ug/l #	18
51) 4-Methyl-2-Pentanone	8.646	43	952	0.580	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	49758	26.371	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	49758	87.265	ug/l #	11

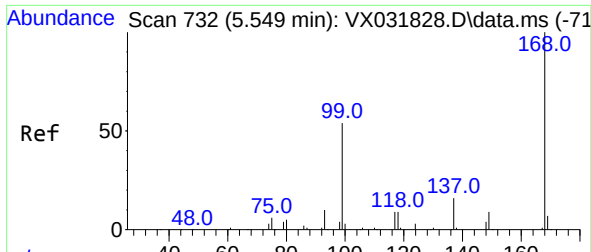
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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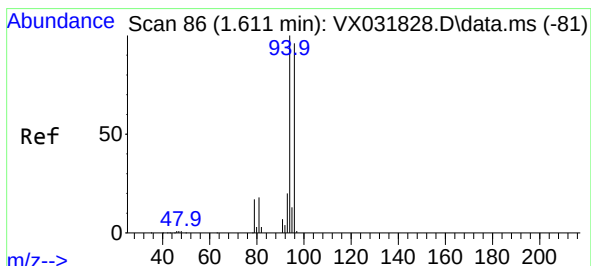
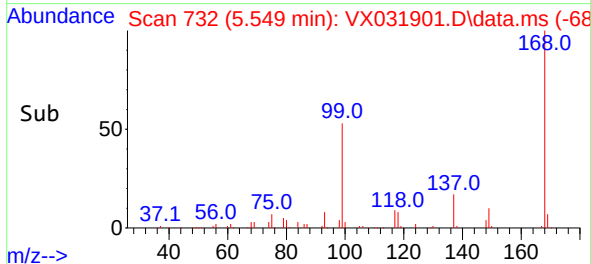
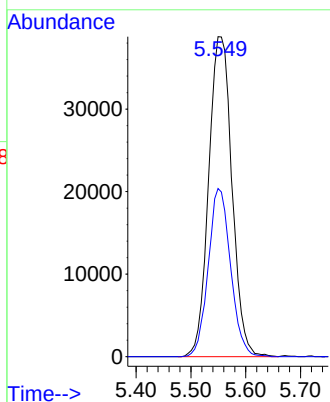
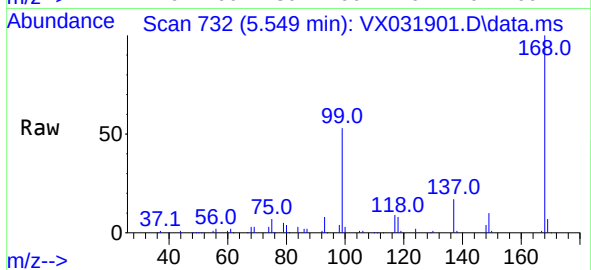




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX031901.D
Acq: 05 Oct 2022 17:39

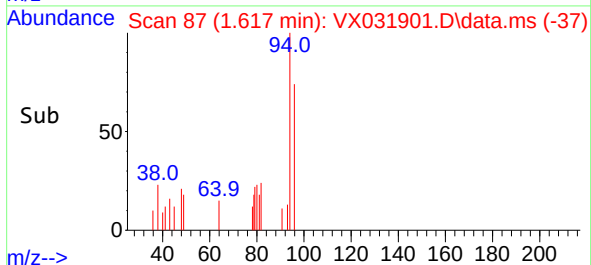
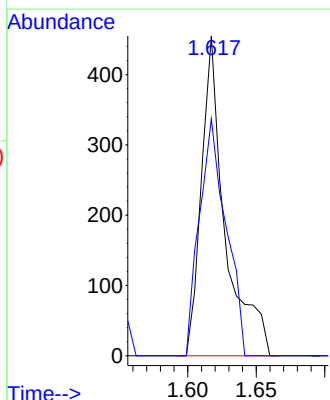
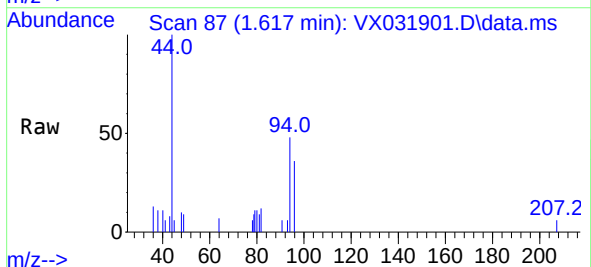
Instrument : MSVOA_X
ClientSampleId : BP-VPB-RW5-EB-20221003

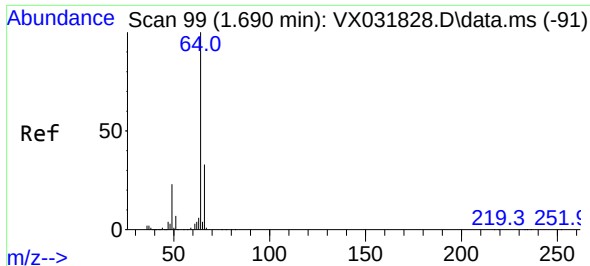
Tgt Ion:168 Resp: 114397
Ion Ratio Lower Upper
168 100
99 52.5 48.8 73.2



#5
Bromomethane
Concen: 0.388 ug/l
RT: 1.617 min Scan# 87
Delta R.T. 0.006 min
Lab File: VX031901.D
Acq: 05 Oct 2022 17:39

Tgt Ion: 94 Resp: 548
Ion Ratio Lower Upper
94 100
96 74.1 74.4 111.6#

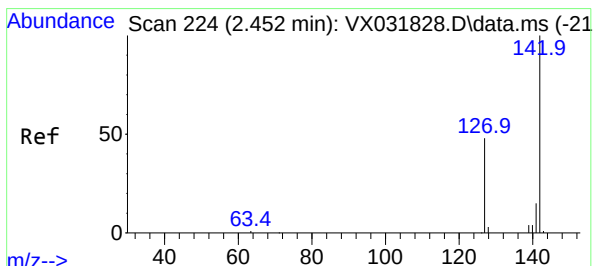
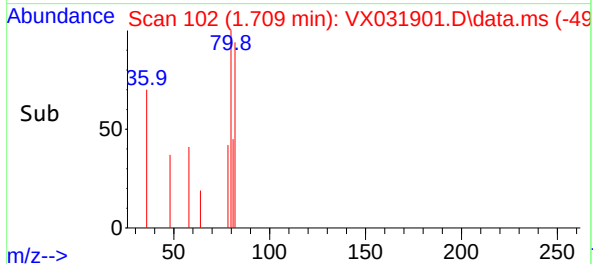
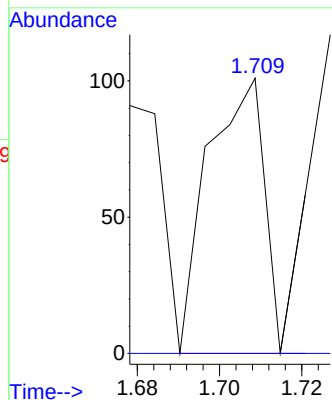
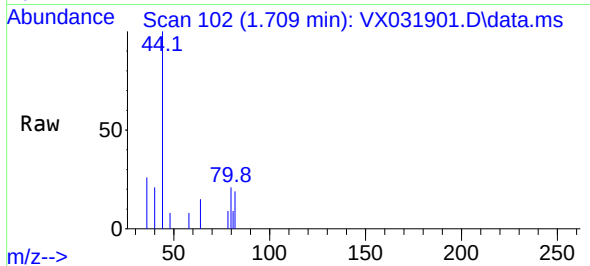




#6
Chloroethane
Concen: Below Cal
RT: 1.709 min Scan# 102
Delta R.T. 0.024 min
Lab File: VX031901.D
Acq: 05 Oct 2022 17:39

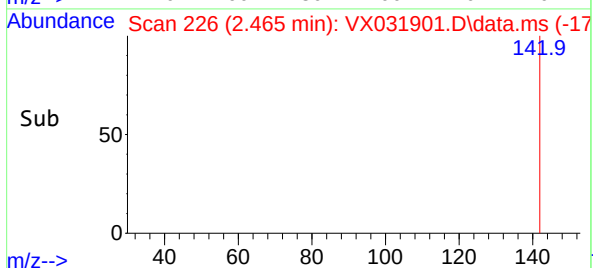
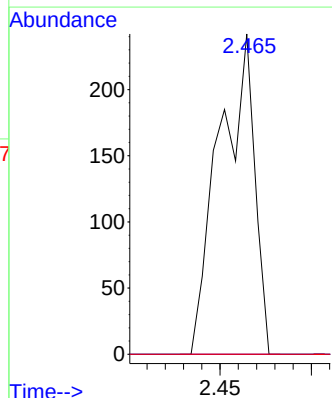
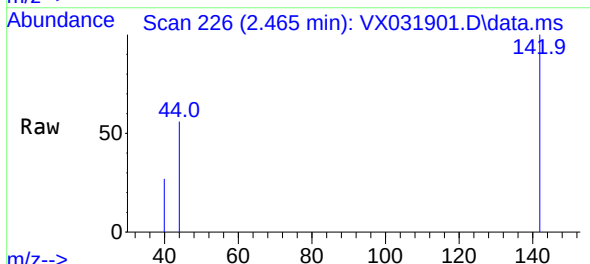
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-EB-20221003

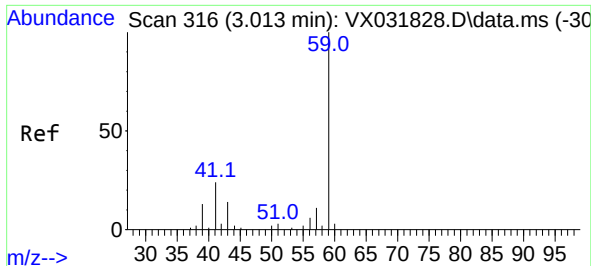
Tgt Ion: 64 Resp: 95
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#



#10
Methyl Iodide
Concen: 3.270 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX031901.D
Acq: 05 Oct 2022 17:39

Tgt Ion: 142 Resp: 324
Ion Ratio Lower Upper
142 100
127 0.0 37.4 56.0#
141 0.0 11.6 17.4#

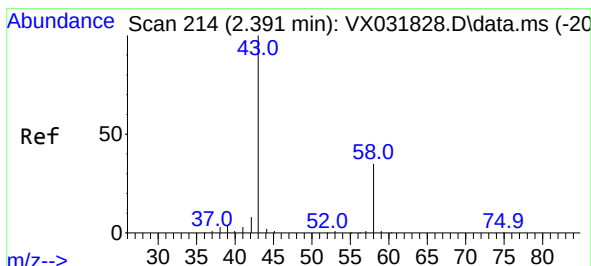
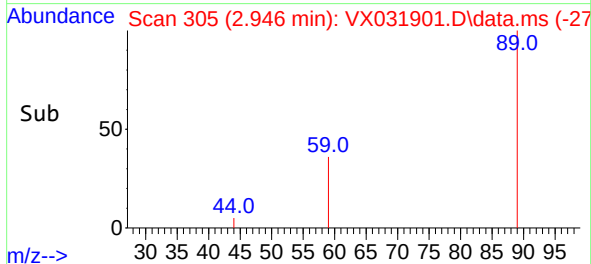
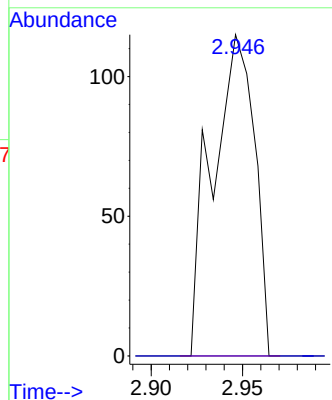
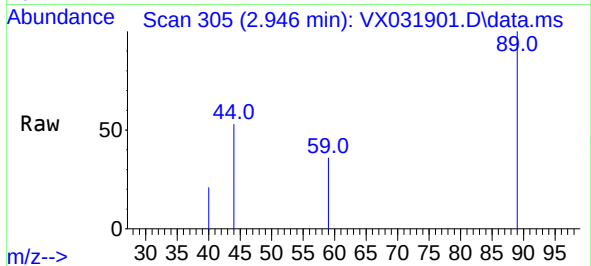




#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.946 min Scan# 30
Delta R.T. -0.135 min
Lab File: VX031901.D
Acq: 05 Oct 2022 17:39

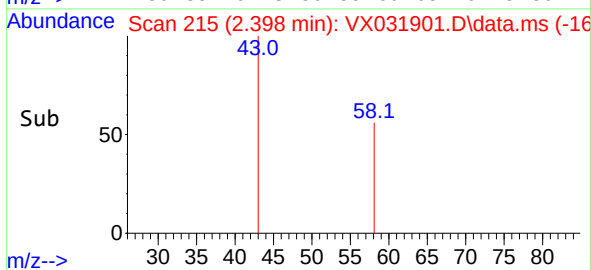
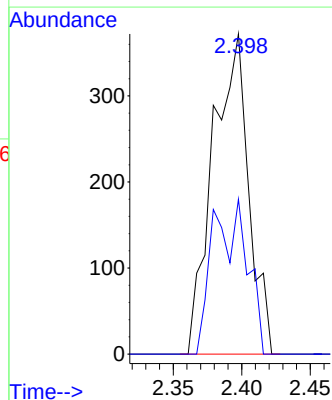
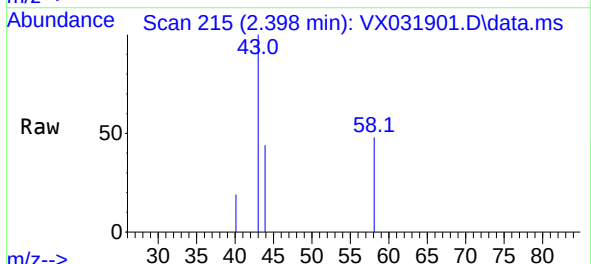
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-EB-20221003

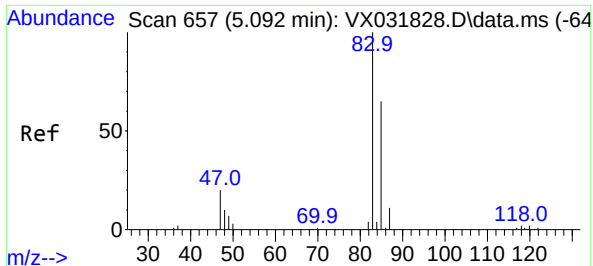
Tgt Ion: 59 Resp: 185
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



#16
Acetone
Concen: 1.358 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX031901.D
Acq: 05 Oct 2022 17:39

Tgt Ion: 43 Resp: 678
Ion Ratio Lower Upper
43 100
58 48.4 23.8 35.8#





#30

Chloroform

Concen: 1.394 ug/l

RT: 5.104 min Scan# 61

Delta R.T. 0.012 min

Lab File: VX031901.D

Acq: 05 Oct 2022 17:39

Instrument :

MSVOA_X

ClientSampleId :

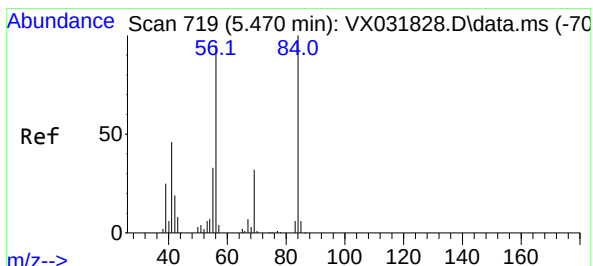
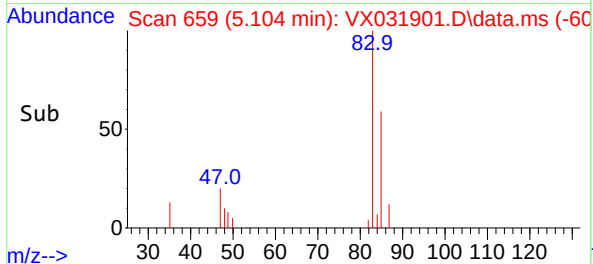
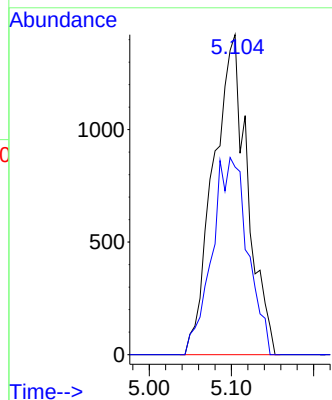
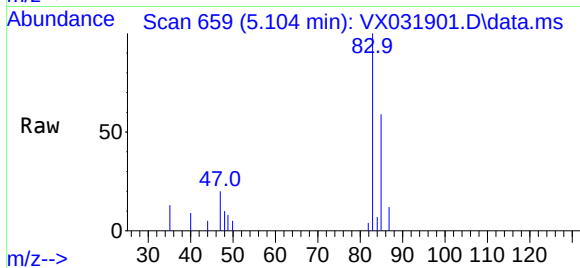
BP-VPB-RW5-EB-20221003

Tgt Ion: 83 Resp: 4091

Ion Ratio Lower Upper

83 100

85 58.6 52.8 79.2



#31

Cyclohexane

Concen: 0.860 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.086 min

Lab File: VX031901.D

Acq: 05 Oct 2022 17:39

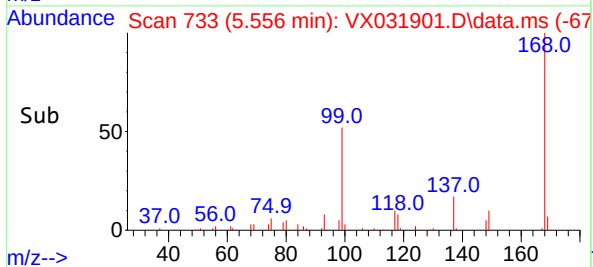
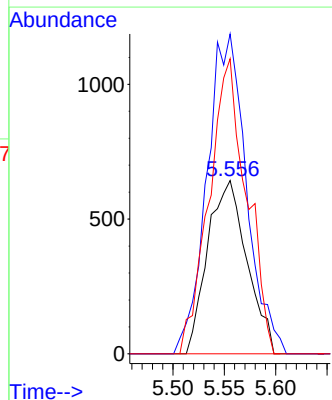
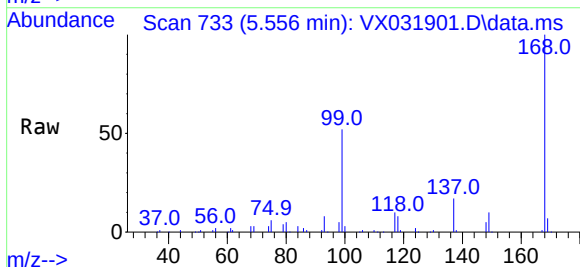
Tgt Ion: 56 Resp: 1711

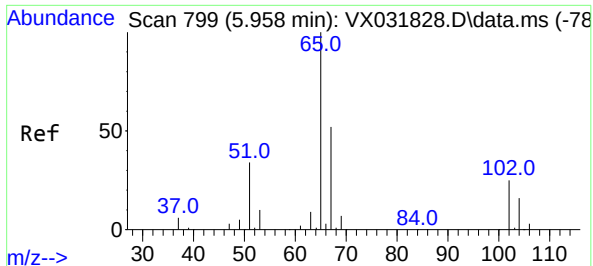
Ion Ratio Lower Upper

56 100

69 175.7 25.1 37.7#

84 170.3 70.2 105.4#

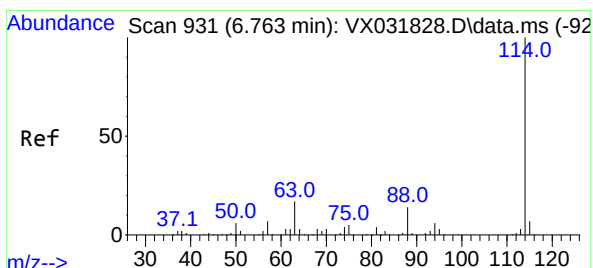
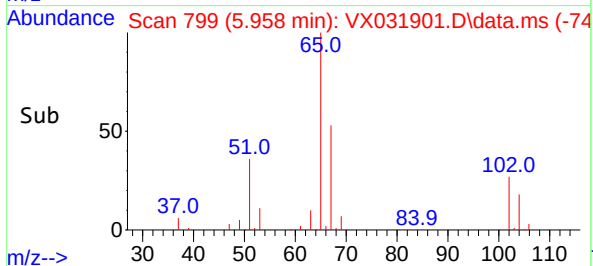
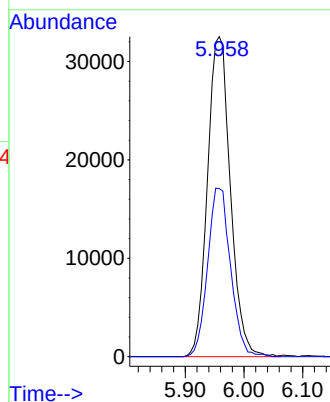
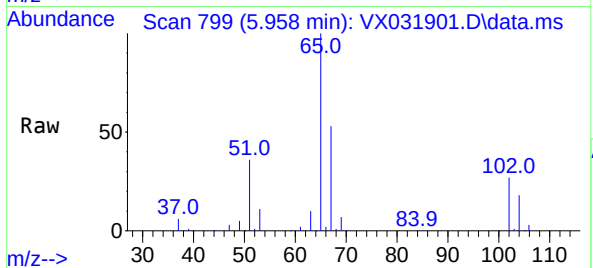




#33
 1,2-Dichloroethane-d4
 Concen: 51.162 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.006 min
 Lab File: VX031901.D
 Acq: 05 Oct 2022 17:39

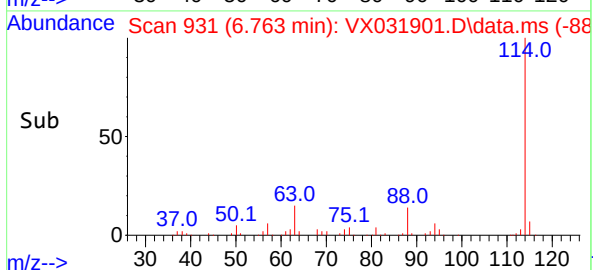
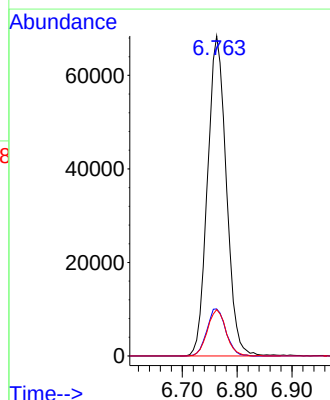
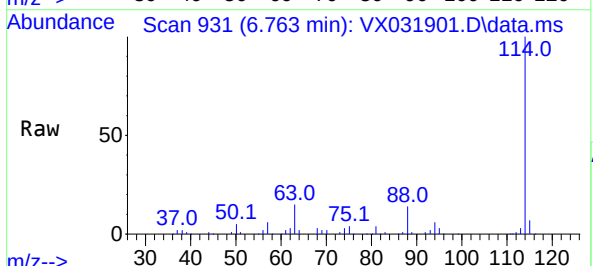
Instrument :
 MSVOA_X
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 BP-VPB-RW5-EB-20221003

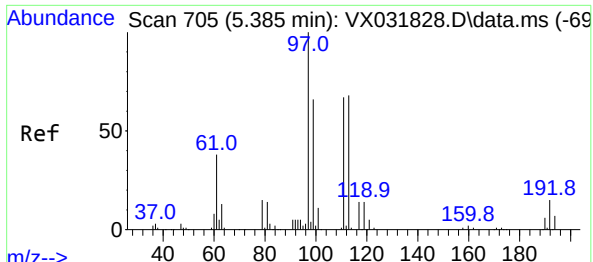
Tgt Ion: 65 Resp: 88153
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX031901.D
 Acq: 05 Oct 2022 17:39

Tgt Ion: 114 Resp: 162993
 Ion Ratio Lower Upper
 114 100
 63 14.7 0.0 42.6
 88 14.5 0.0 33.0

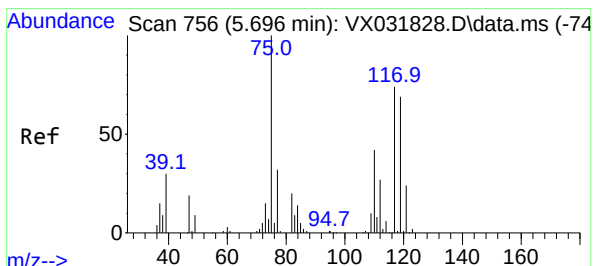
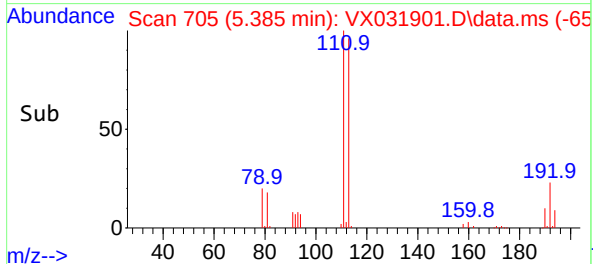
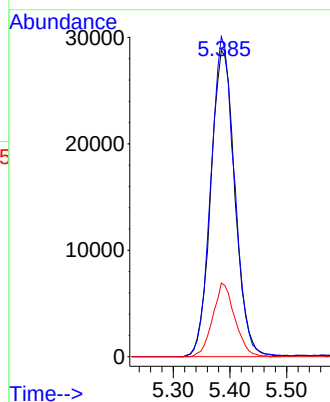
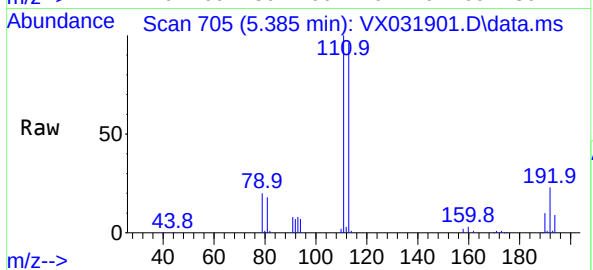




#35
Dibromofluoromethane
Concen: 47.706 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX031901.D
Acq: 05 Oct 2022 17:39

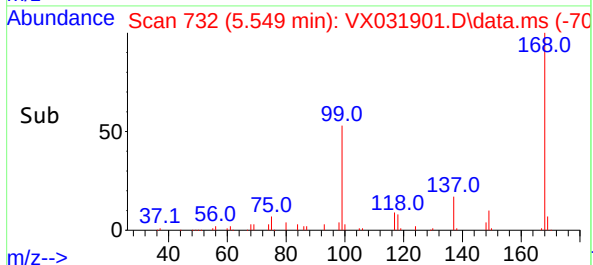
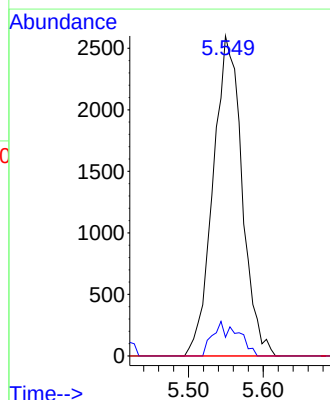
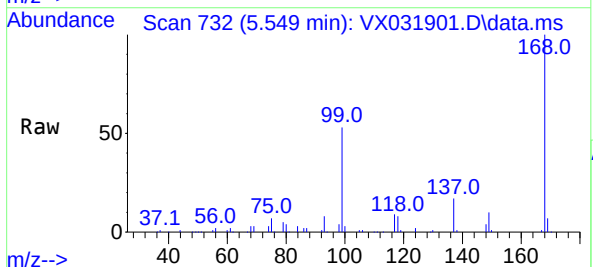
Instrument : MSVOA_X
ClientSampleId : BP-VPB-RW5-EB-20221003

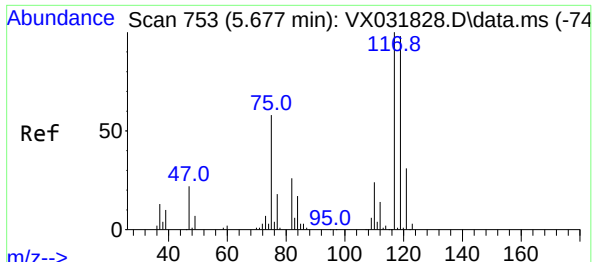
Tgt Ion:113 Resp: 85074
Ion Ratio Lower Upper
113 100
111 102.0 82.4 123.6
192 22.0 14.1 21.1#



#36
1,1-Dichloropropene
Concen: 3.381 ug/l
RT: 5.549 min Scan# 732
Delta R.T. -0.147 min
Lab File: VX031901.D
Acq: 05 Oct 2022 17:39

Tgt Ion: 75 Resp: 6998
Ion Ratio Lower Upper
75 100
110 9.5 17.5 52.5#
77 0.0 24.9 37.3#

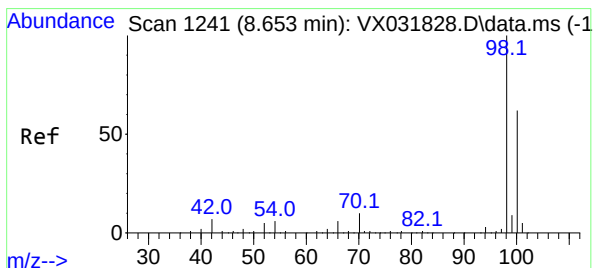
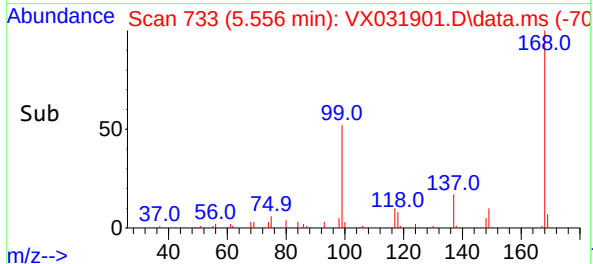
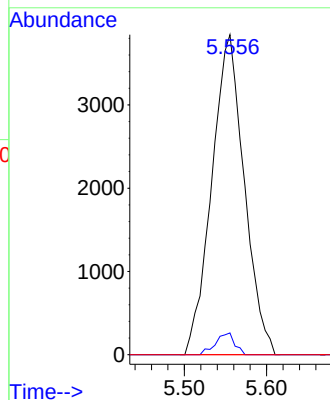
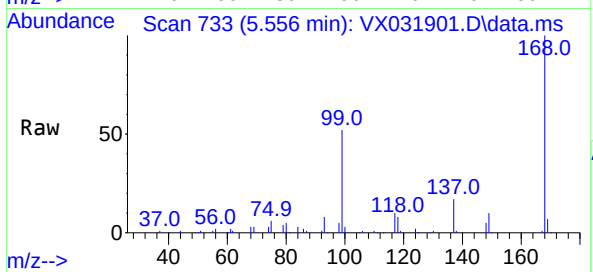




#38
Carbon Tetrachloride
Concen: 4.329 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX031901.D
Acq: 05 Oct 2022 17:39

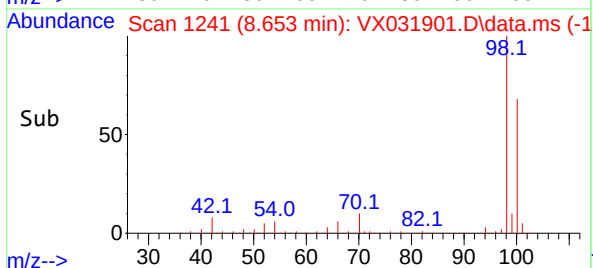
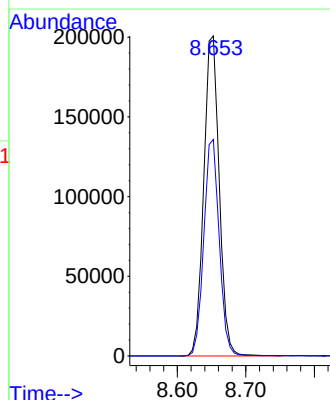
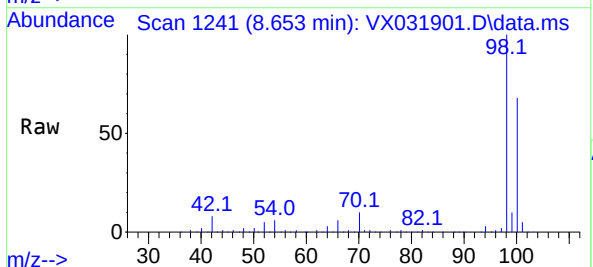
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-EB-20221003

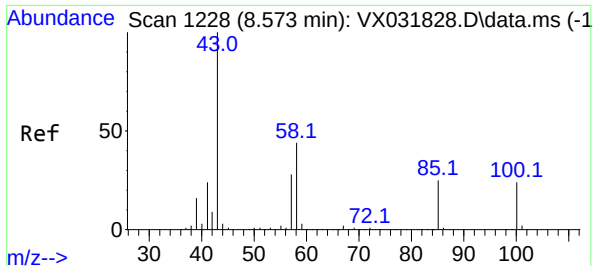
Tgt Ion:117 Resp: 10551
Ion Ratio Lower Upper
117 100
119 6.8 74.6 112.0#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 50.017 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX031901.D
Acq: 05 Oct 2022 17:39

Tgt Ion: 98 Resp: 315948
Ion Ratio Lower Upper
98 100
100 67.3 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 0.580 ug/l

RT: 8.646 min Scan# 11

Delta R.T. 0.066 min

Lab File: VX031901.D

Acq: 05 Oct 2022 17:39

Instrument :

MSVOA_X

ClientSampleId :

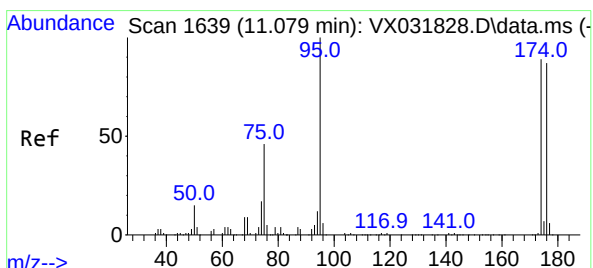
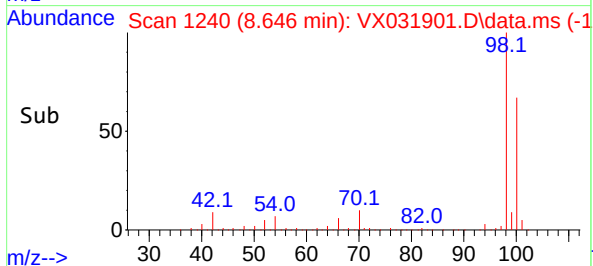
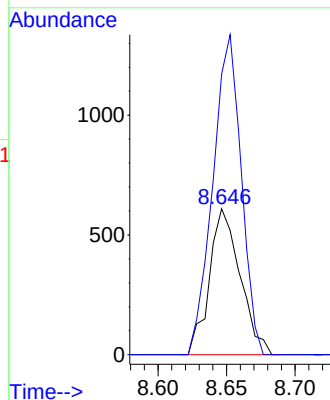
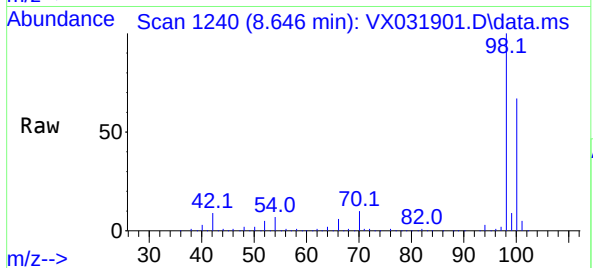
BP-VPB-RW5-EB-20221003

Tgt Ion: 43 Resp: 952

Ion Ratio Lower Upper

43 100

58 202.5 30.6 46.0#



#62

4-Bromofluorobenzene

Concen: 47.405 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX031901.D

Acq: 05 Oct 2022 17:39

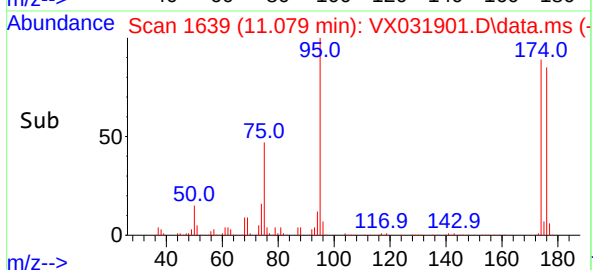
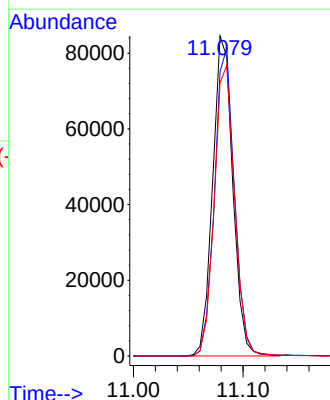
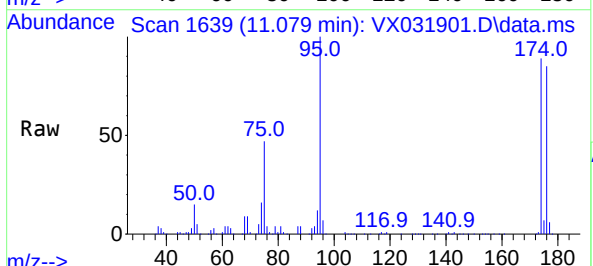
Tgt Ion: 95 Resp: 107714

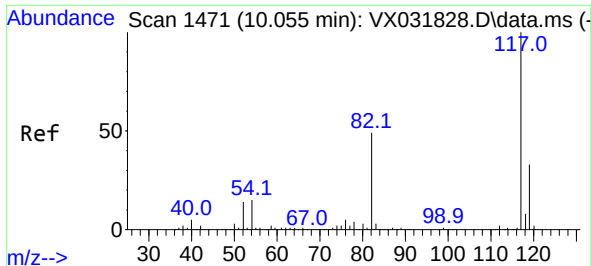
Ion Ratio Lower Upper

95 100

174 95.3 0.0 153.2

176 91.6 0.0 144.0

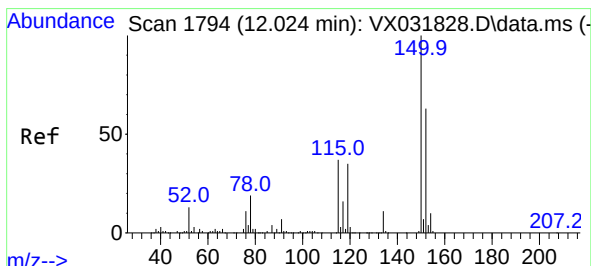
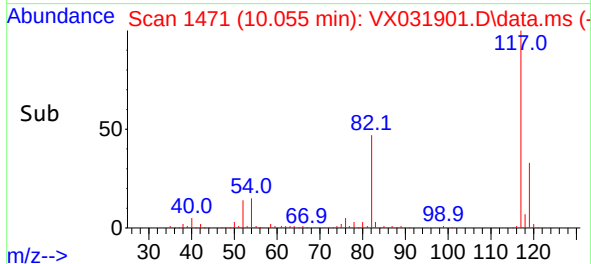
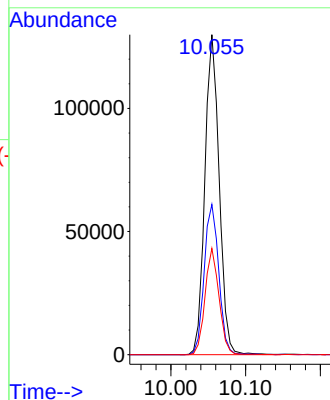
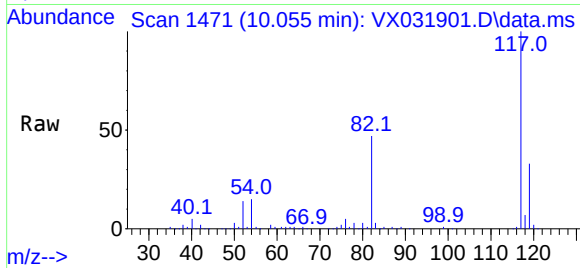




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031901.D
Acq: 05 Oct 2022 17:39

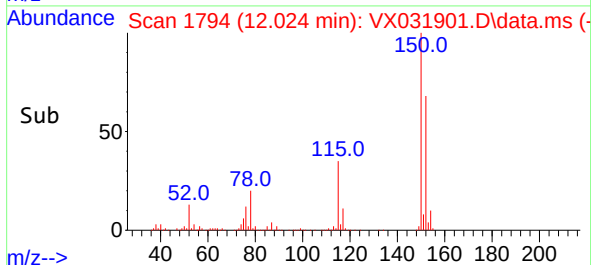
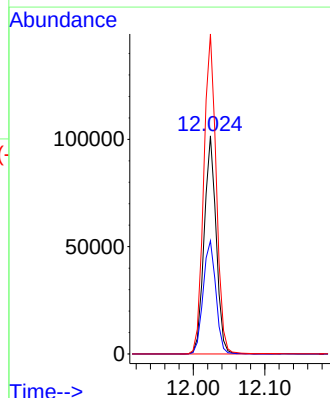
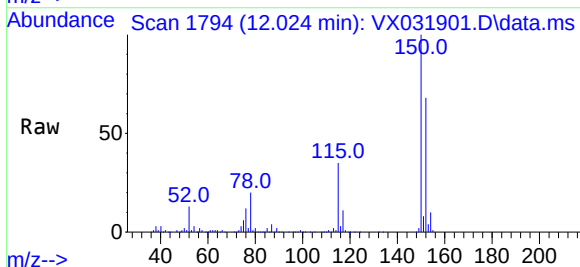
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-EB-20221003

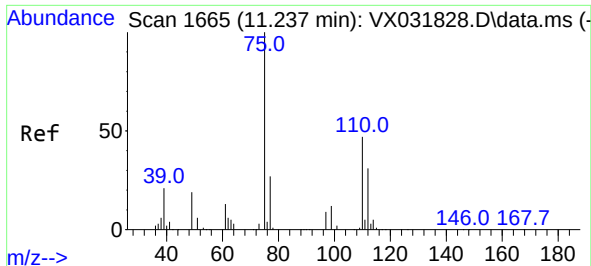
Tgt Ion:117 Resp: 173244
Ion Ratio Lower Upper
117 100
82 47.0 46.8 70.2
119 33.2 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX031901.D
Acq: 05 Oct 2022 17:39

Tgt Ion:152 Resp: 118670
Ion Ratio Lower Upper
152 100
115 54.7 43.4 130.1
150 152.6 0.0 346.8

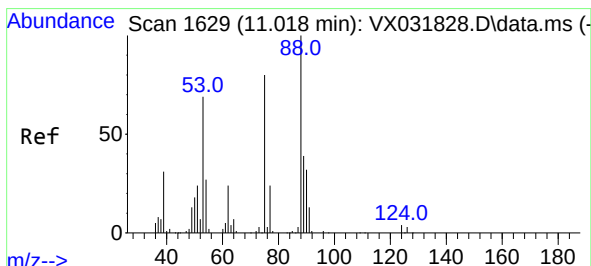
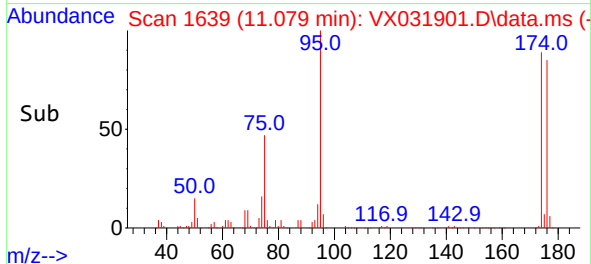
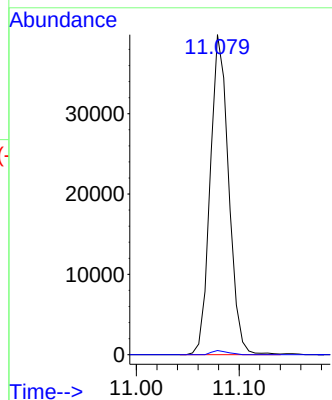
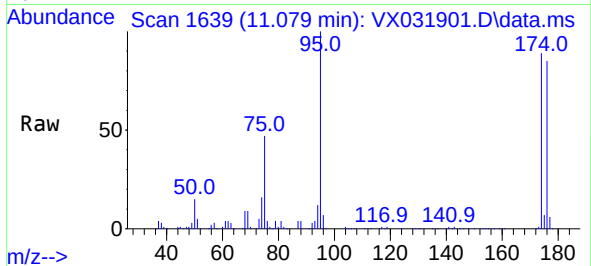




#76
1,2,3-Trichloropropane
Concen: 26.371 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX031901.D
Acq: 05 Oct 2022 17:39

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-EB-20221003

Tgt Ion: 75 Resp: 49758
Ion Ratio Lower Upper
75 100
77 1.1 20.3 60.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 87.265 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX031901.D
Acq: 05 Oct 2022 17:39

Tgt Ion: 75 Resp: 49758
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.1 37.4 56.0#

