

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092221\
 Data File : VX024434.D
 Acq On : 22 Sep 2021 15:07
 Operator : JC/MD
 Sample : M3818-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-VPB-RW7-EB-20210915

Quant Time: Sep 22 16:21:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 21 10:52:48 2021
 Response via : Initial Calibration

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

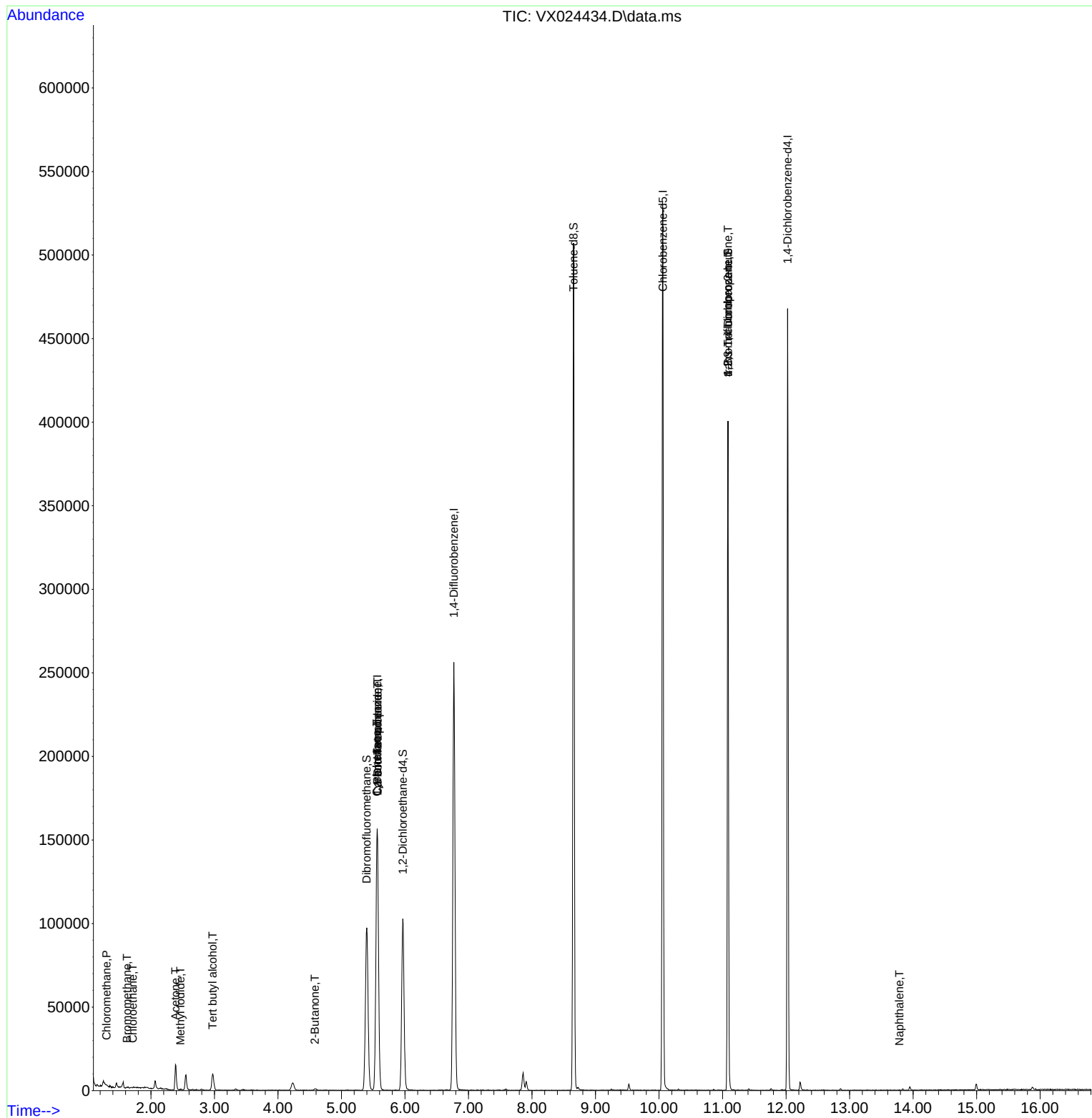
Internal Standards						
1) Pentafluorobenzene	5.562	168	145133	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	253593	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	243279	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	92164	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	102185	49.375	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.760%
35) Dibromofluoromethane	5.397	113	85914	50.517	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.040%
50) Toluene-d8	8.653	98	286829	46.296	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.600%
62) 4-Bromofluorobenzene	11.085	95	97809	40.566	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	81.140%#
Target Compounds						
					Qvalue	
3) Chloromethane	1.300	50	521	0.358	ug/l	96
5) Bromomethane	1.624	94	502	0.582	ug/l #	75
6) Chloroethane	1.715	64	738	0.771	ug/l #	43
10) Methyl Iodide	2.465	142	523	0.265	ug/l #	82
11) Tert butyl alcohol	2.971	59	11201	4.950	ug/l	97
16) Acetone	2.386	43	15678	17.767	ug/l #	87
25) 2-Butanone	4.580	43	420	0.323	ug/l #	45
31) Cyclohexane	5.556	56	2966	1.225	ug/l #	9
36) 1,1-Dichloropropene	5.568	75	11505	4.935	ug/l #	50
38) Carbon Tetrachloride	5.568	117	15571	5.934	ug/l #	16
76) 1,2,3-Trichloropropane	11.085	75	52804	24.917	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	52804	73.280	ug/l #	12
95) Naphthalene	13.786	128	112	1.304	ug/l #	69

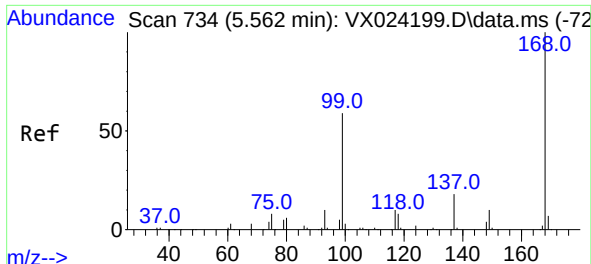
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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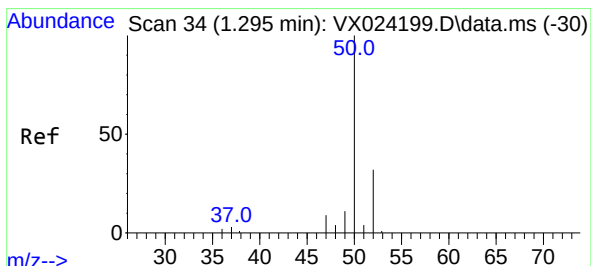
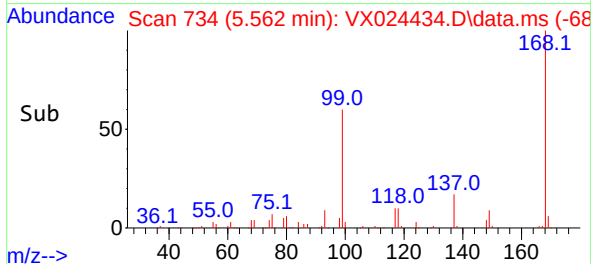
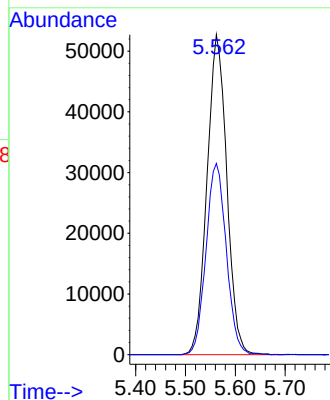
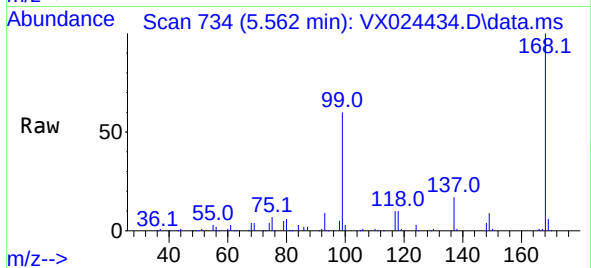




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX024434.D
Acq: 22 Sep 2021 15:07

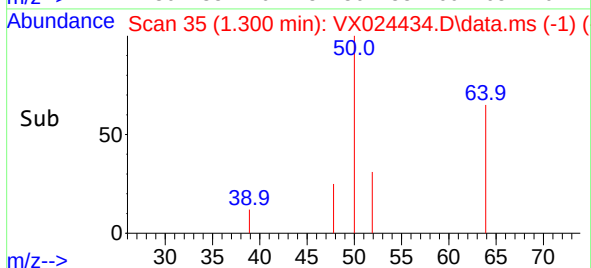
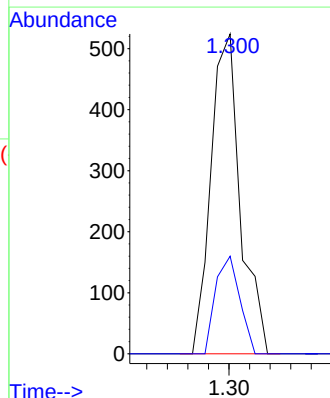
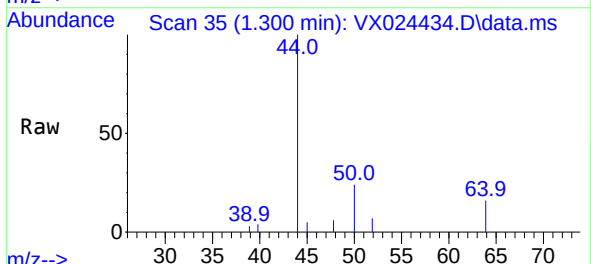
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-EB-20210915

Tgt Ion:168 Resp: 145133
Ion Ratio Lower Upper
168 100
99 59.7 45.8 68.6

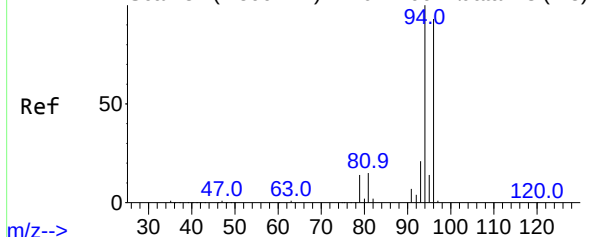


#3
Chloromethane
Concen: 0.358 ug/l
RT: 1.300 min Scan# 35
Delta R.T. 0.005 min
Lab File: VX024434.D
Acq: 22 Sep 2021 15:07

Tgt Ion: 50 Resp: 521
Ion Ratio Lower Upper
50 100
52 30.5 26.4 39.6



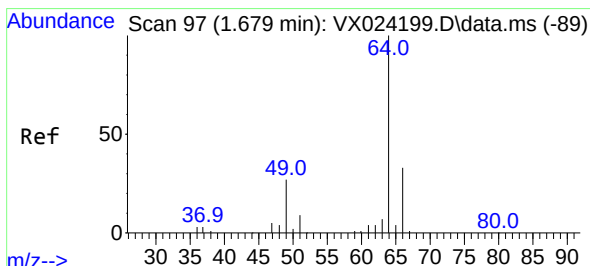
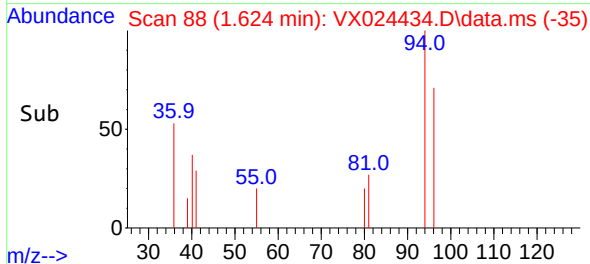
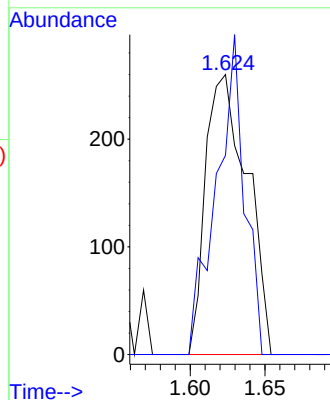
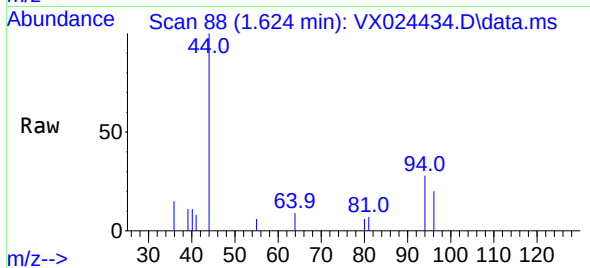
Abundance Scan 84 (1.599 min): VX024199.D\data.ms (-78)



#5
Bromomethane
Concen: 0.582 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.025 min
Lab File: VX024434.D
Acq: 22 Sep 2021 15:07

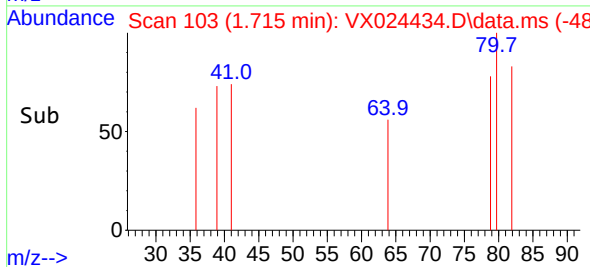
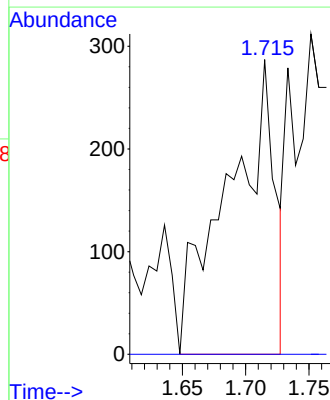
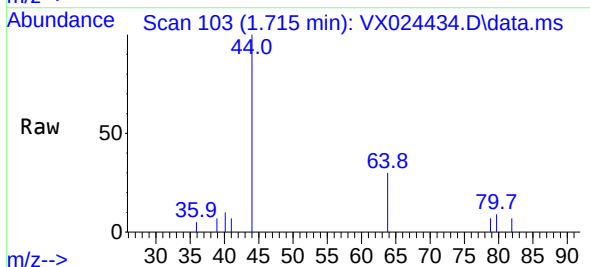
Tgt Ion: 94 Resp: 502
Ion Ratio Lower Upper
94 100
96 71.2 76.4 114.6#

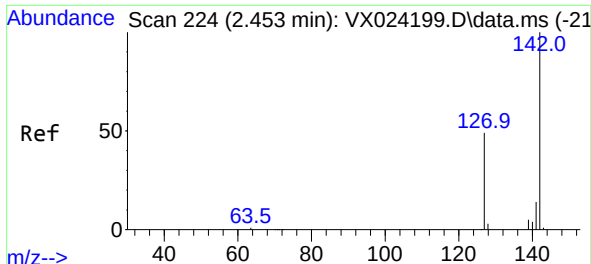
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-EB-20210915



#6
Chloroethane
Concen: 0.771 ug/l
RT: 1.715 min Scan# 103
Delta R.T. 0.036 min
Lab File: VX024434.D
Acq: 22 Sep 2021 15:07

Tgt Ion: 64 Resp: 738
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#

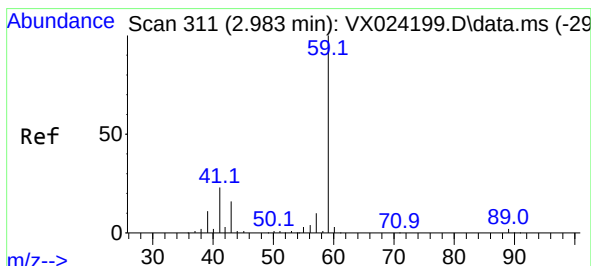
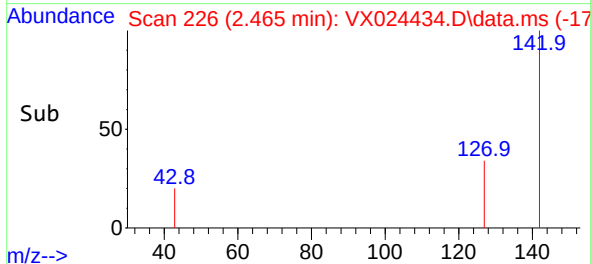
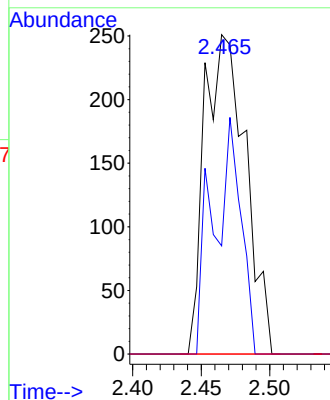
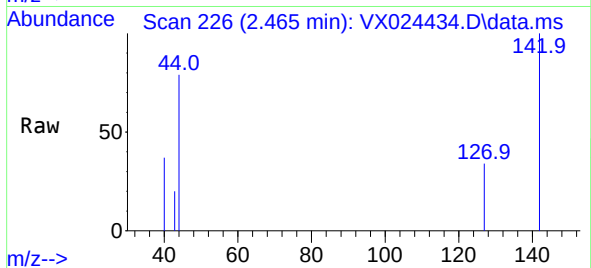




#10
Methyl Iodide
Concen: 0.265 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX024434.D
Acq: 22 Sep 2021 15:07

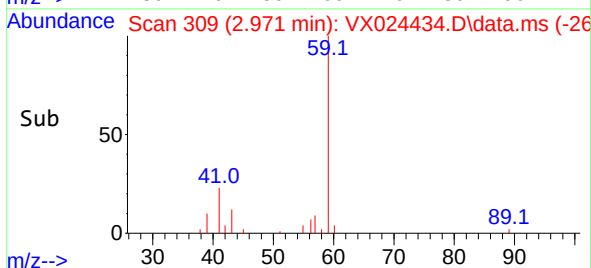
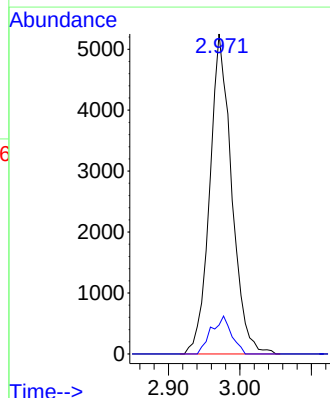
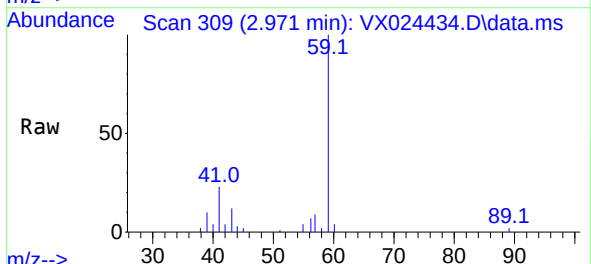
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-EB-20210915

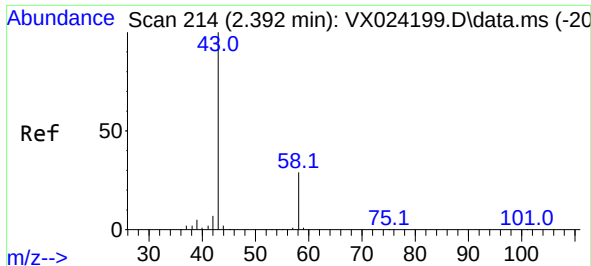
Tgt Ion:142 Resp: 523
Ion Ratio Lower Upper
142 100
127 49.7 33.3 49.9
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 4.950 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.012 min
Lab File: VX024434.D
Acq: 22 Sep 2021 15:07

Tgt Ion: 59 Resp: 11201
Ion Ratio Lower Upper
59 100
57 10.8 7.8 11.8

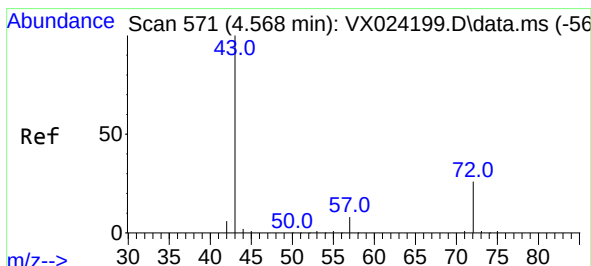
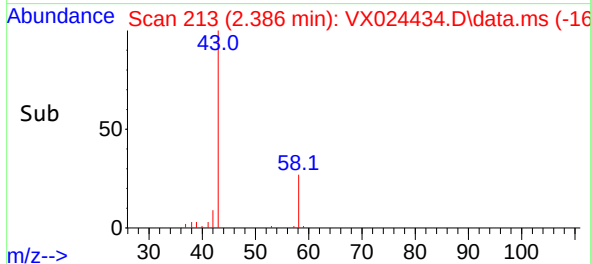
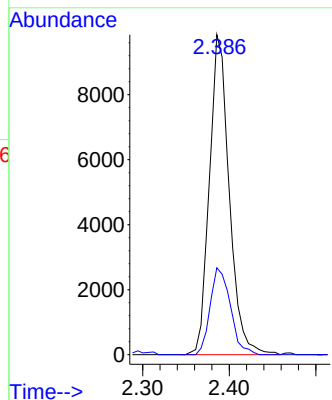
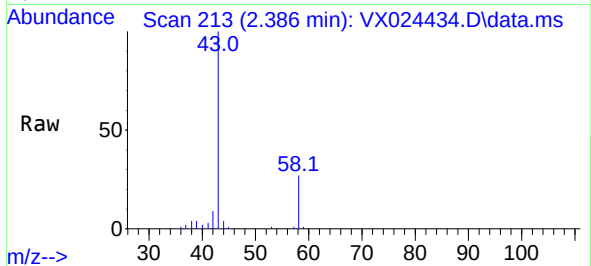




#16
Acetone
Concen: 17.767 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX024434.D
Acq: 22 Sep 2021 15:07

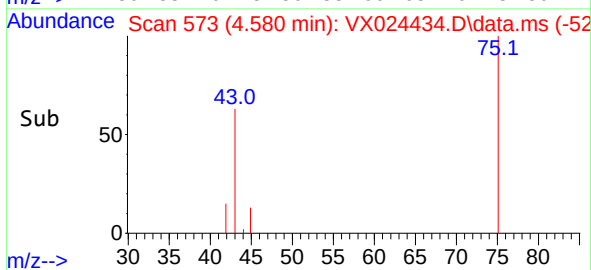
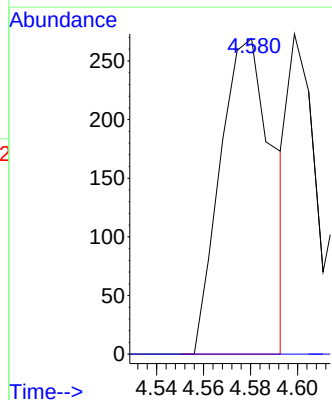
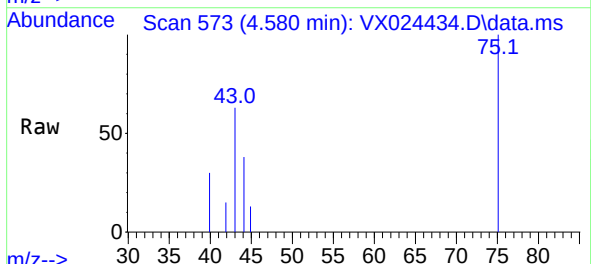
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-EB-20210915

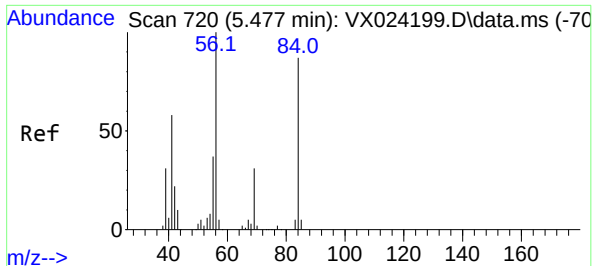
Tgt Ion: 43 Resp: 15678
Ion Ratio Lower Upper
43 100
58 27.1 27.8 41.8#



#25
2-Butanone
Concen: 0.323 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.012 min
Lab File: VX024434.D
Acq: 22 Sep 2021 15:07

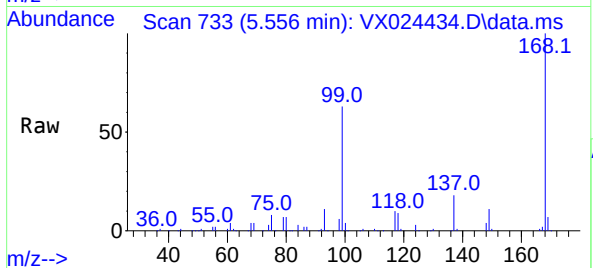
Tgt Ion: 43 Resp: 420
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#



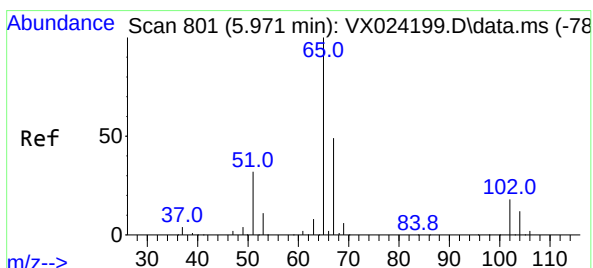
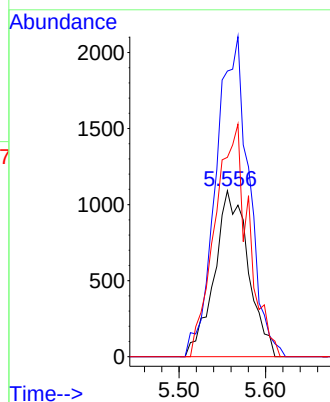
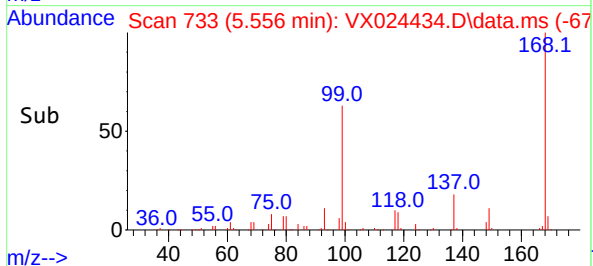


#31
Cyclohexane
Concen: 1.225 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX024434.D
Acq: 22 Sep 2021 15:07

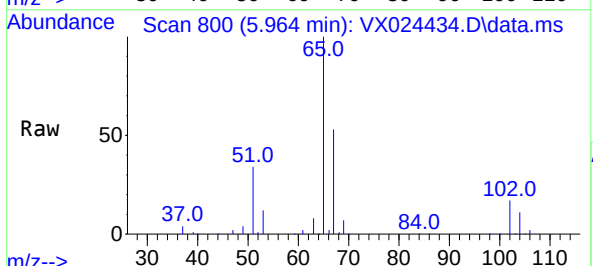
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-EB-20210915



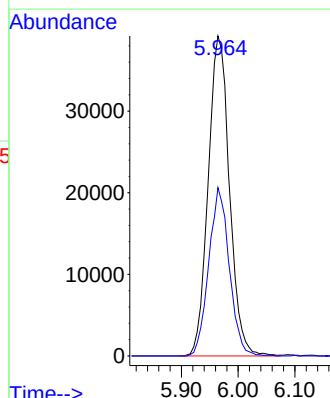
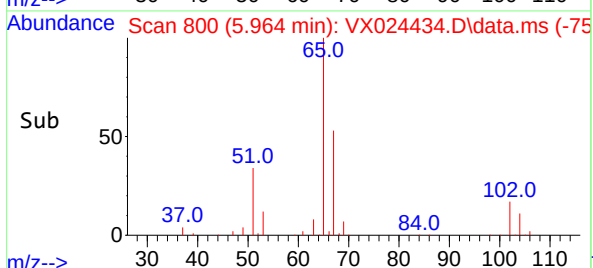
Tgt Ion: 56 Resp: 2966
Ion Ratio Lower Upper
56 100
69 172.1 25.3 37.9#
84 120.2 71.4 107.0#

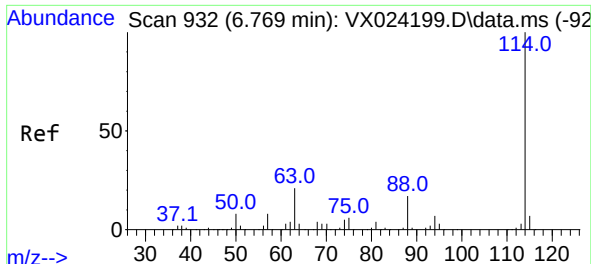


#33
1,2-Dichloroethane-d4
Concen: 49.375 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.007 min
Lab File: VX024434.D
Acq: 22 Sep 2021 15:07



Tgt Ion: 65 Resp: 102185
Ion Ratio Lower Upper
65 100
67 50.8 0.0 105.4

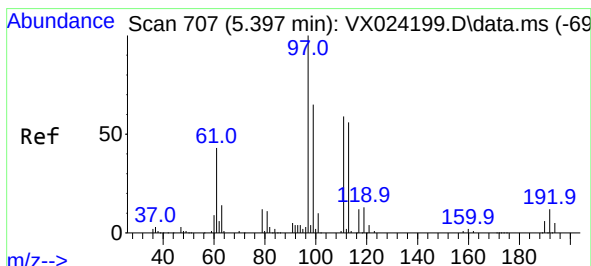
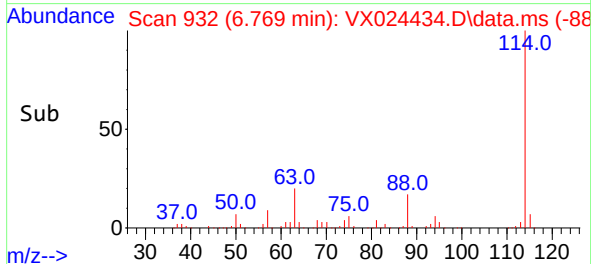
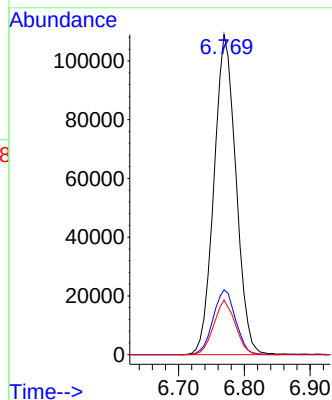
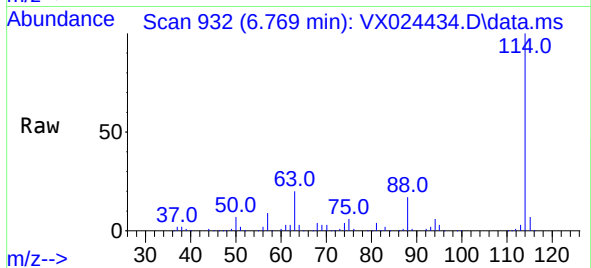




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024434.D
Acq: 22 Sep 2021 15:07

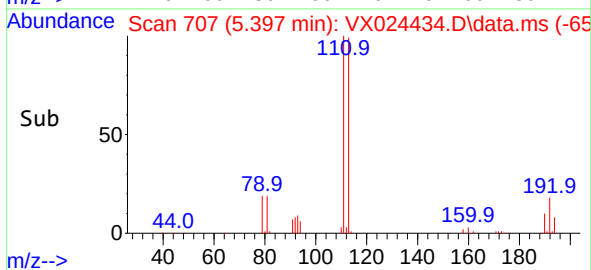
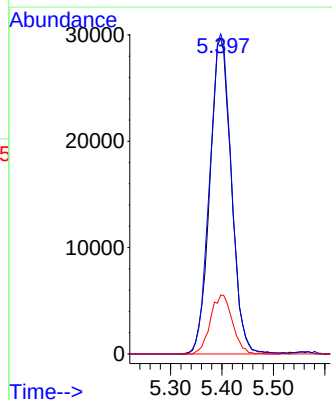
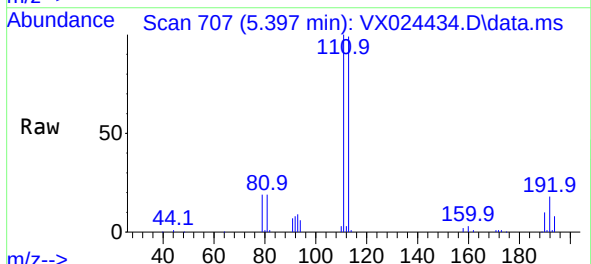
Instrument :
MSVOA_X
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BP-TT-VPB-RW7-EB-20210915

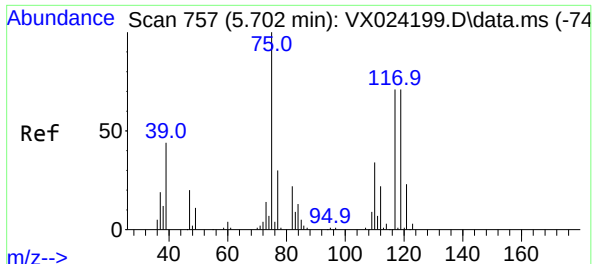
Tgt Ion:	114	Resp:	253593
Ion Ratio	Lower	Upper	
114	100		
63	20.2	0.0	40.8
88	17.1	0.0	32.8



#35
Dibromofluoromethane
Concen: 50.517 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024434.D
Acq: 22 Sep 2021 15:07

Tgt Ion:	113	Resp:	85914
Ion Ratio	Lower	Upper	
113	100		
111	102.6	81.9	122.9
192	19.1	16.7	25.1



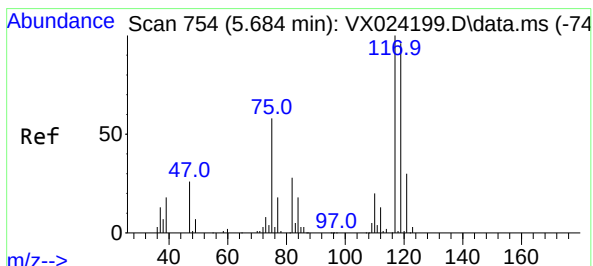
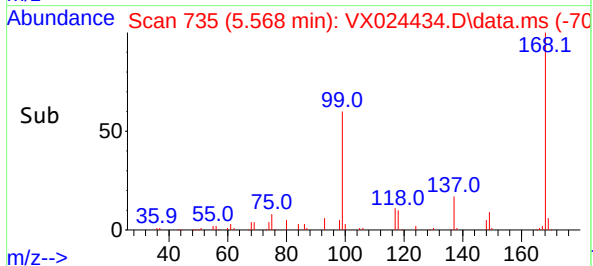
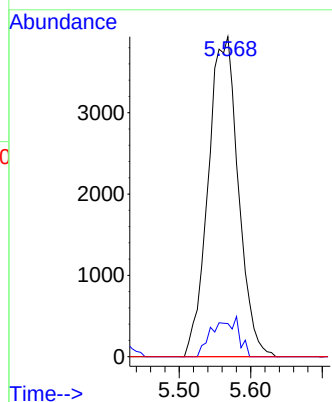
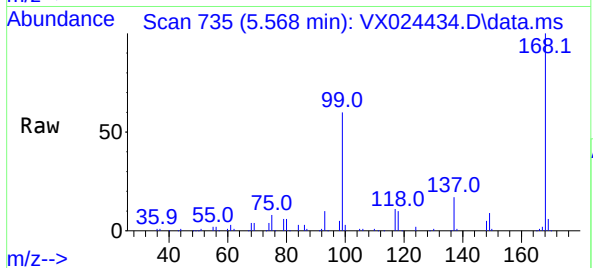


#36

1,1-Dichloropropene
Concen: 4.935 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.134 min
Lab File: VX024434.D
Acq: 22 Sep 2021 15:07

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-EB-20210915

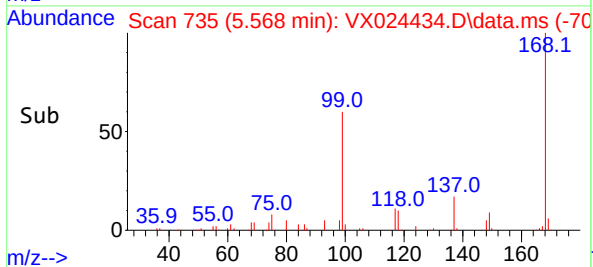
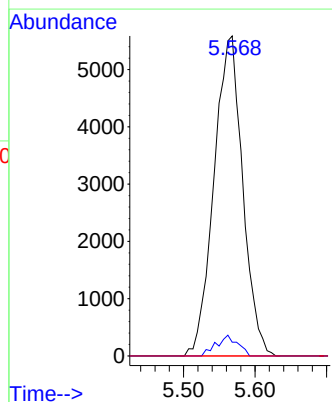
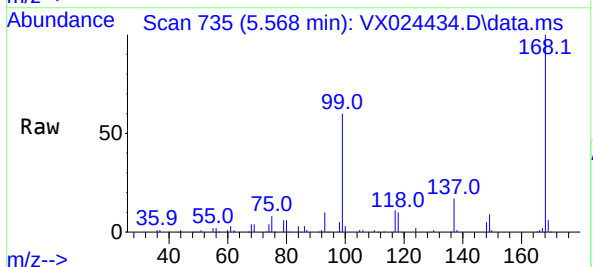
Tgt Ion:	75	Resp:	11505
Ion	Ratio	Lower	Upper
75	100		
110	10.7	18.1	54.4#
77	0.0	25.3	37.9#

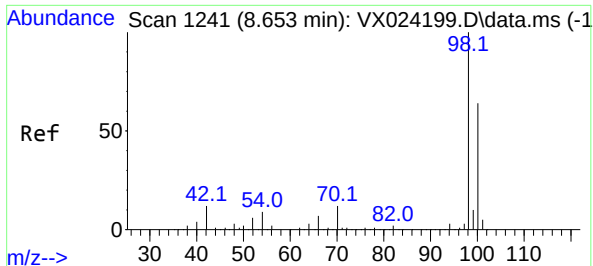


#38

Carbon Tetrachloride
Concen: 5.934 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.116 min
Lab File: VX024434.D
Acq: 22 Sep 2021 15:07

Tgt Ion:	117	Resp:	15571
Ion	Ratio	Lower	Upper
117	100		
119	4.3	76.2	114.2#
121	0.0	24.8	37.2#

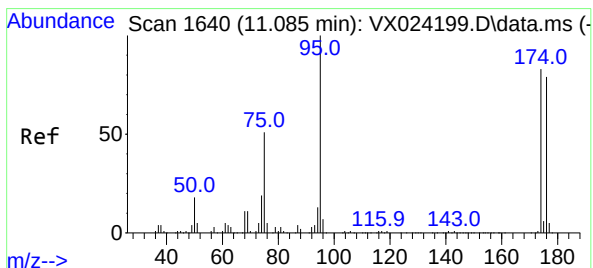
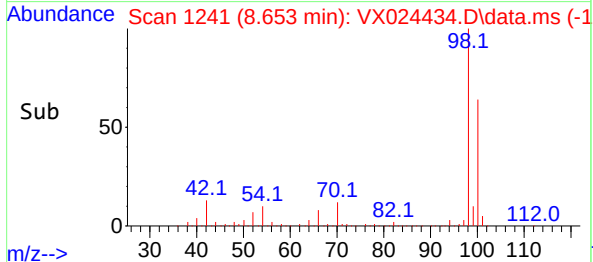
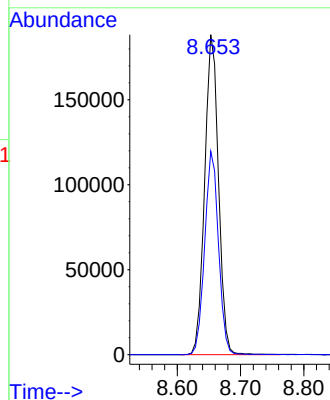
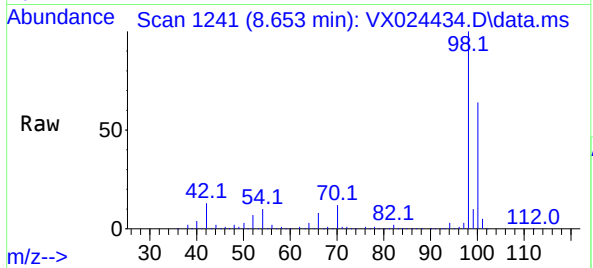




#50
Toluene-d8
Concen: 46.296 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024434.D
Acq: 22 Sep 2021 15:07

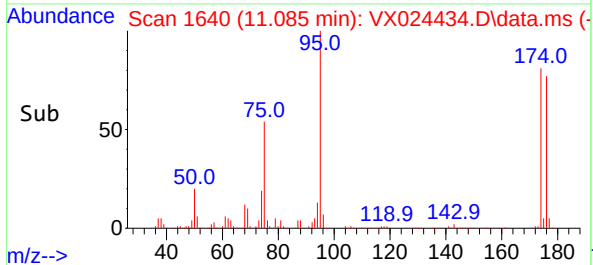
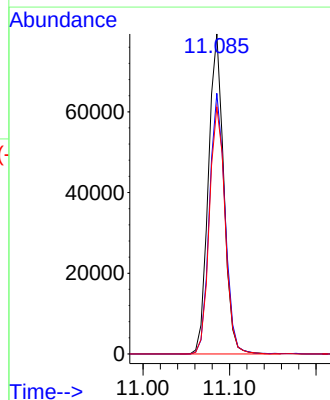
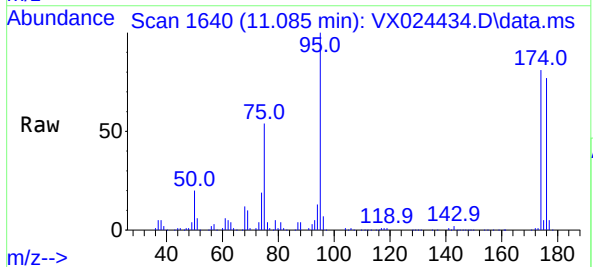
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-EB-20210915

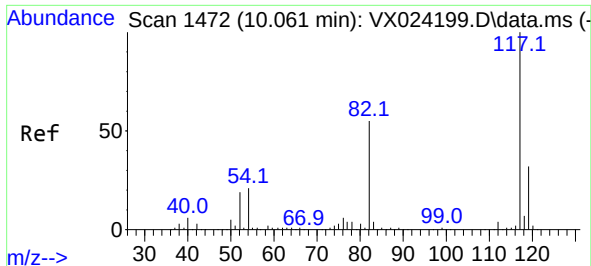
Tgt Ion: 98 Resp: 286829
Ion Ratio Lower Upper
98 100
100 63.5 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 40.566 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024434.D
Acq: 22 Sep 2021 15:07

Tgt Ion: 95 Resp: 97809
Ion Ratio Lower Upper
95 100
174 82.5 0.0 154.6
176 78.7 0.0 155.8

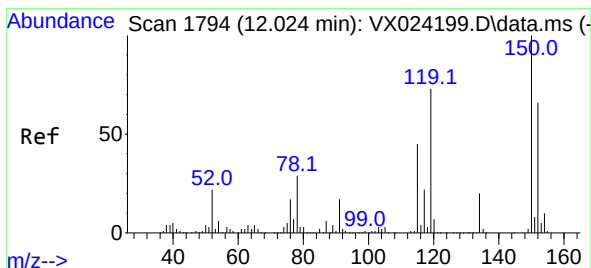
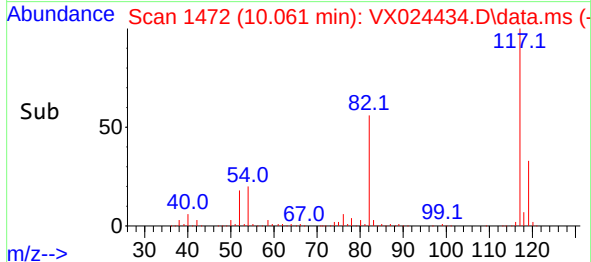
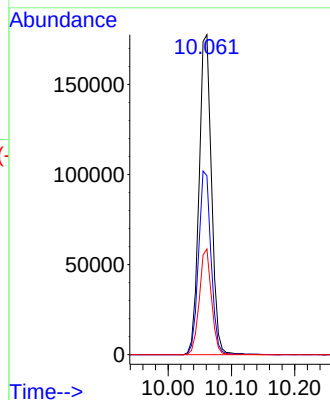
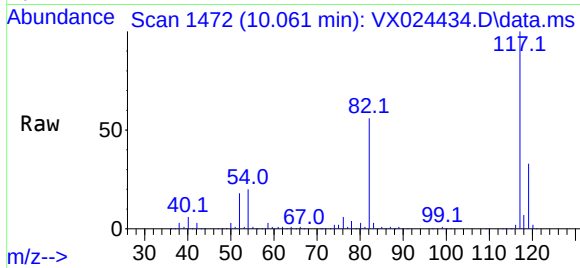




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX024434.D
Acq: 22 Sep 2021 15:07

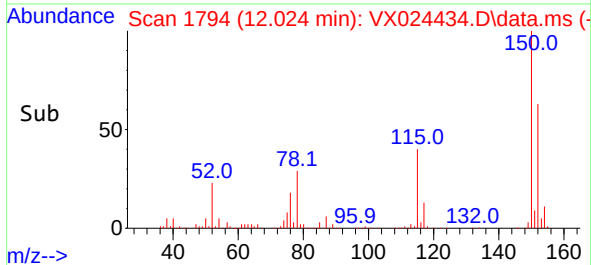
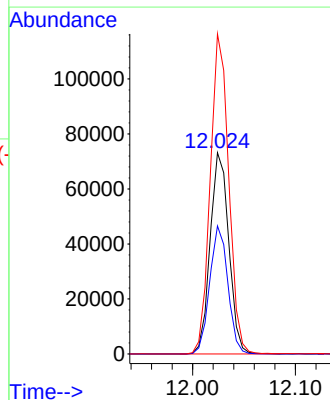
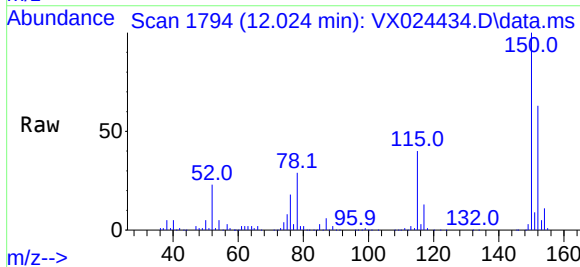
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-EB-20210915

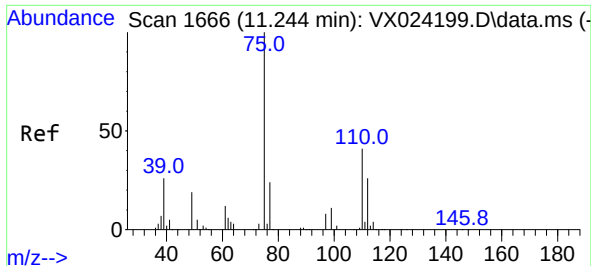
Tgt Ion:117 Resp: 243279
Ion Ratio Lower Upper
117 100
82 55.9 47.4 71.2
119 33.1 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024434.D
Acq: 22 Sep 2021 15:07

Tgt Ion:152 Resp: 92164
Ion Ratio Lower Upper
152 100
115 61.9 41.1 123.3
150 157.5 0.0 349.0

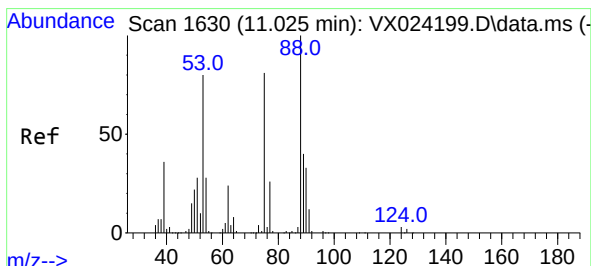
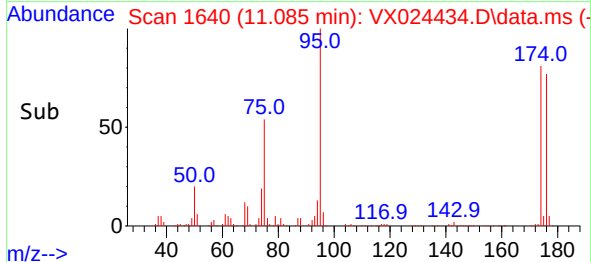
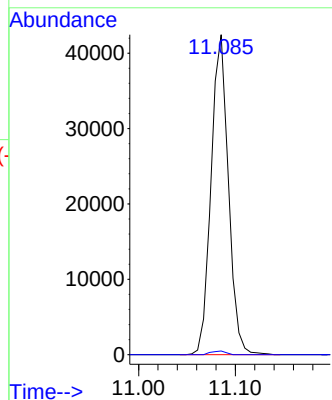
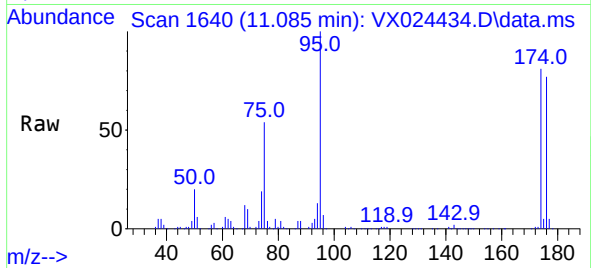




#76
1,2,3-Trichloropropane
Concen: 24.917 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024434.D
Acq: 22 Sep 2021 15:07

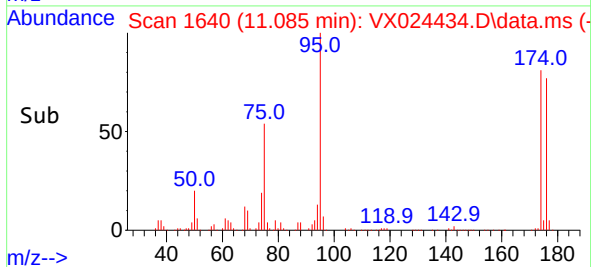
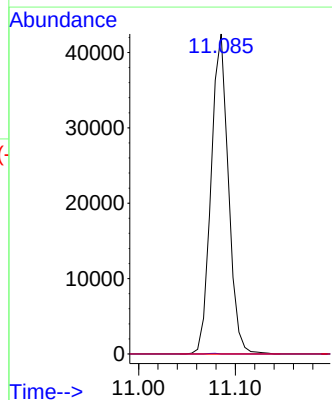
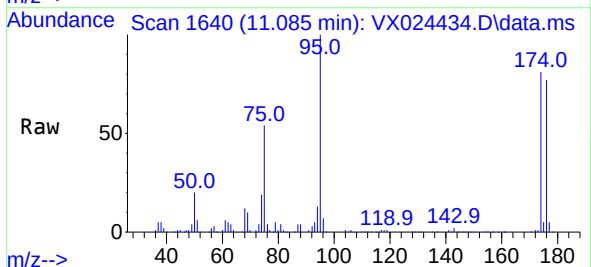
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-EB-20210915

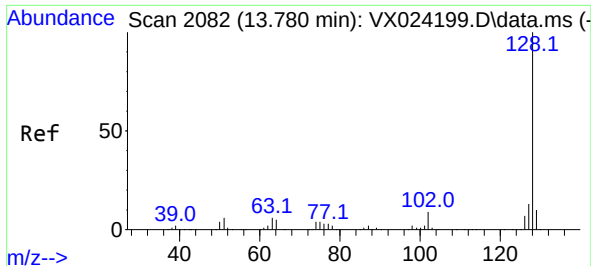
Tgt Ion: 75 Resp: 52804
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.280 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX024434.D
Acq: 22 Sep 2021 15:07

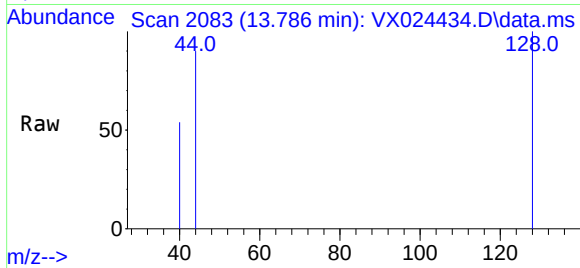
Tgt Ion: 75 Resp: 52804
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 1.304 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.006 min
Lab File: VX024434.D
Acq: 22 Sep 2021 15:07

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-EB-20210915



Tgt Ion:	128	Resp:	112
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.8	13.2#

