

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091421\
 Data File : VX024210.D
 Acq On : 14 Sep 2021 16:17
 Operator : JC/MD
 Sample : M3729-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-VPB-RW7-EB-20210909

Quant Time: Sep 15 01:57:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 14 12:18:04 2021
 Response via : Initial Calibration

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

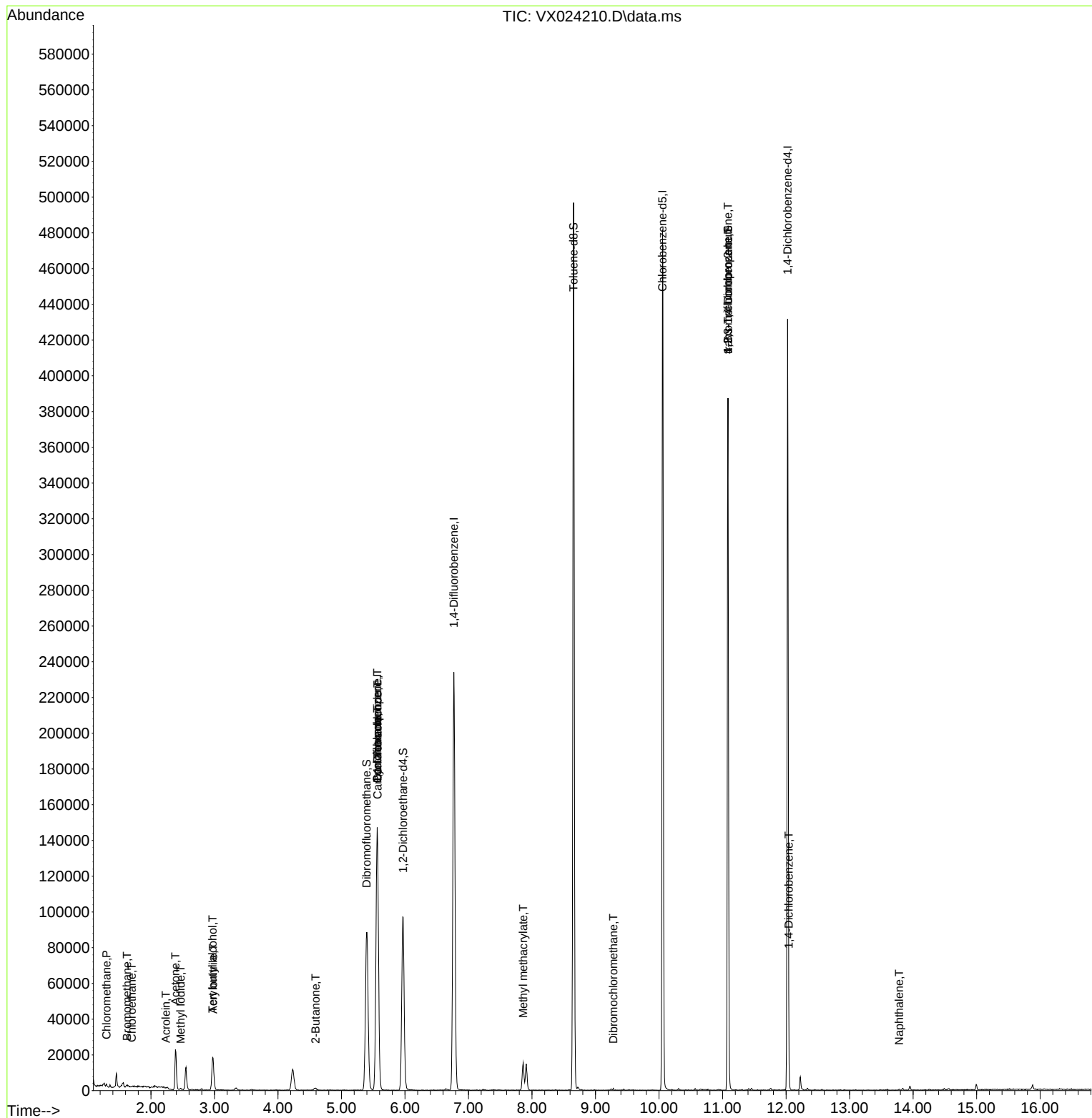
Internal Standards						
1) Pentafluorobenzene	5.562	168	135775	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	231615	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	214047	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	85476	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	99176	51.224	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.440%			
35) Dibromofluoromethane	5.397	113	77576	49.942	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.880%			
50) Toluene-d8	8.653	98	283719	50.139	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.280%			
62) 4-Bromofluorobenzene	11.085	95	98441	44.702	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 89.400%			
Target Compounds						Qvalue
3) Chloromethane	1.301	50	856	0.628	ug/l	91
5) Bromomethane	1.624	94	686	0.850	ug/l #	63
6) Chloroethane	1.697	64	186	2.164	ug/l #	43
10) Methyl Iodide	2.465	142	910	0.492	ug/l #	88
11) Tert butyl alcohol	2.971	59	21075	33.275	ug/l	97
13) Acrolein	2.233	56	26	0.204	ug/l #	1
15) Acrylonitrile	2.977	53	223	0.282	ug/l #	27
16) Acetone	2.386	43	24637	29.843	ug/l	91
25) 2-Butanone	4.593	43	1537	1.264	ug/l	98
31) Cyclohexane	5.562	56	3071	1.356	ug/l #	25
36) 1,1-Dichloropropene	5.562	75	10338	4.855	ug/l #	50
38) Carbon Tetrachloride	5.568	117	14076	5.873	ug/l #	16
48) Methyl methacrylate	7.860	41	6244	3.168	ug/l #	34
60) Dibromochloromethane	9.281	129	158	1.805	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	52654	26.790	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	52654	78.789	ug/l #	12
88) 1,4-Dichlorobenzene	12.042	146	817	0.279	ug/l #	1
95) Naphthalene	13.780	128	478	1.363	ug/l #	69

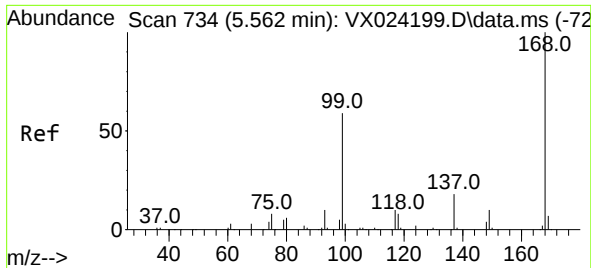
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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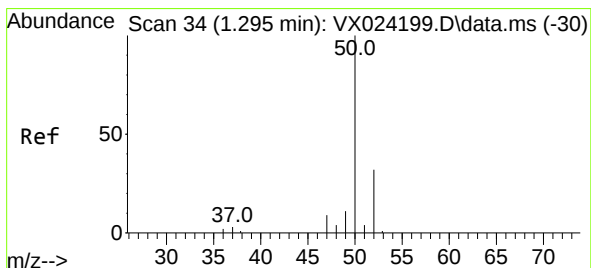
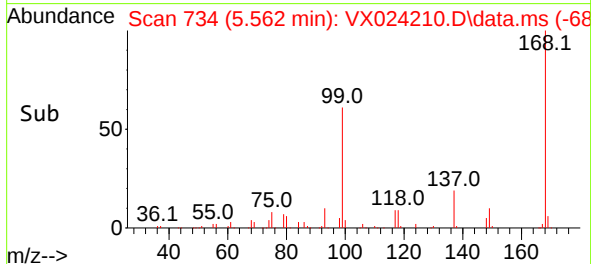
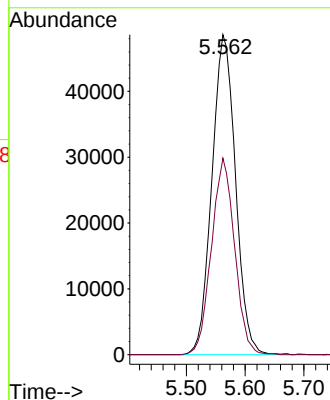
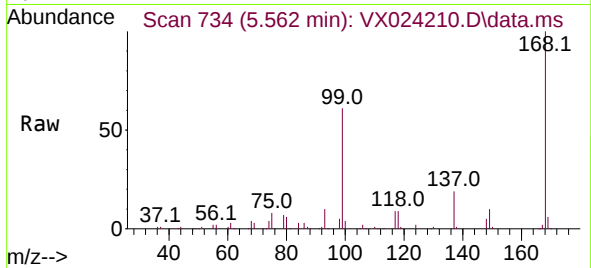




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX024210.D
Acq: 14 Sep 2021 16:17

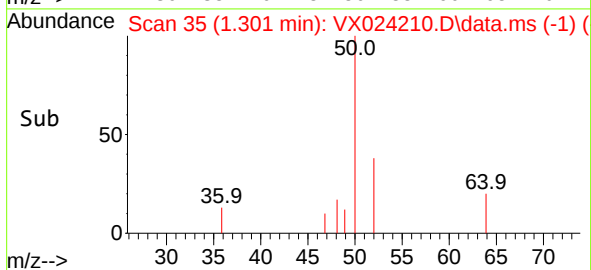
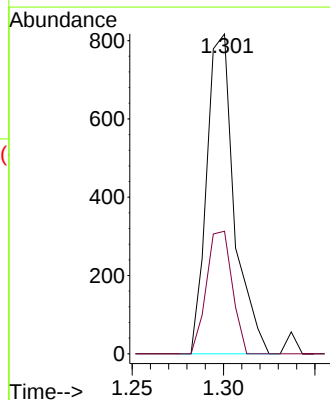
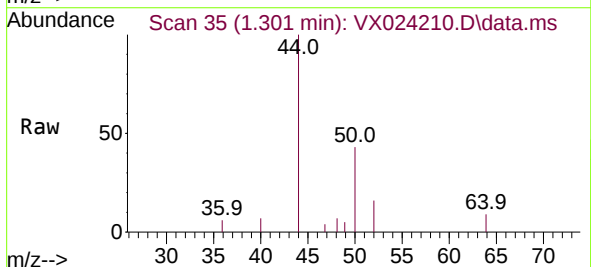
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-EB-20210909

Tgt Ion:168 Resp: 135775
Ion Ratio Lower Upper
168 100
99 61.4 45.8 68.6



#3
Chloromethane
Concen: 0.628 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX024210.D
Acq: 14 Sep 2021 16:17

Tgt Ion: 50 Resp: 856
Ion Ratio Lower Upper
50 100
52 38.3 26.4 39.6

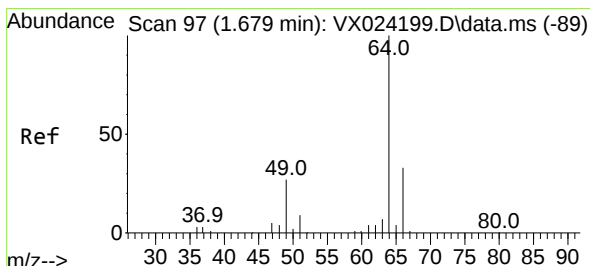
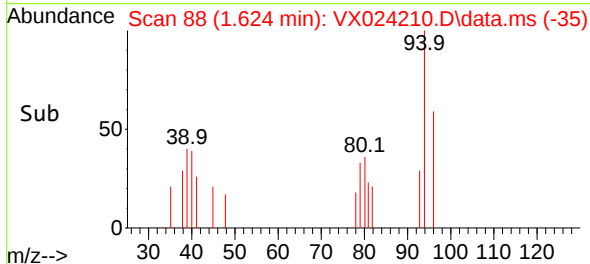
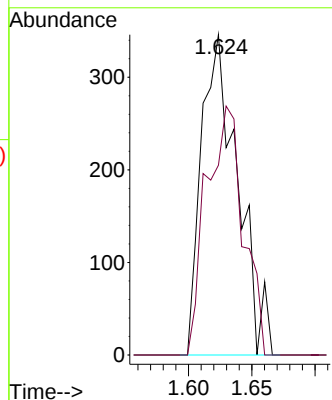
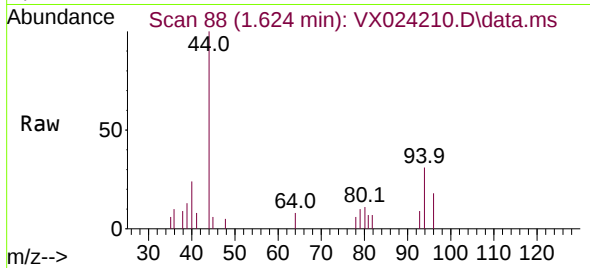




#5
Bromomethane
Concen: 0.850 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.025 min
Lab File: VX024210.D
Acq: 14 Sep 2021 16:17

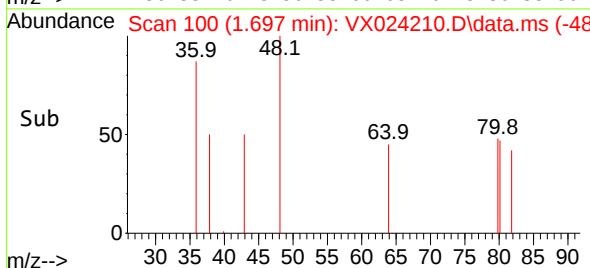
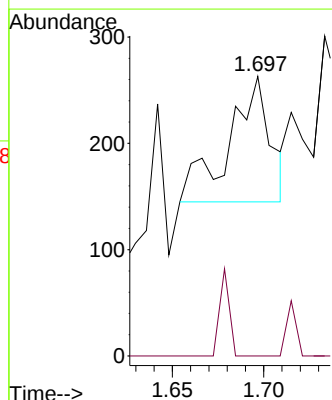
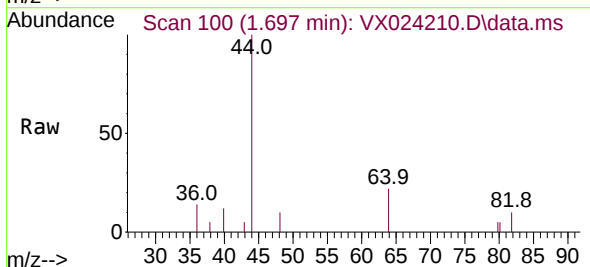
Instrument :
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ClientSampleId :
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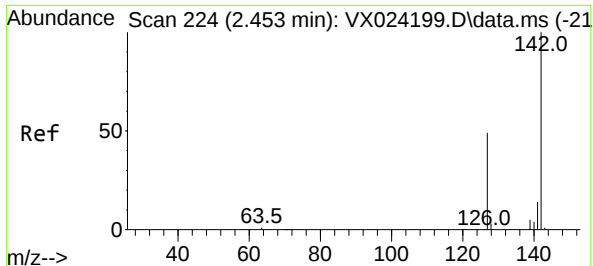
Tgt Ion: 94 Resp: 686
Ion Ratio Lower Upper
94 100
96 59.2 76.4 114.6#



#6
Chloroethane
Concen: 2.164 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.018 min
Lab File: VX024210.D
Acq: 14 Sep 2021 16:17

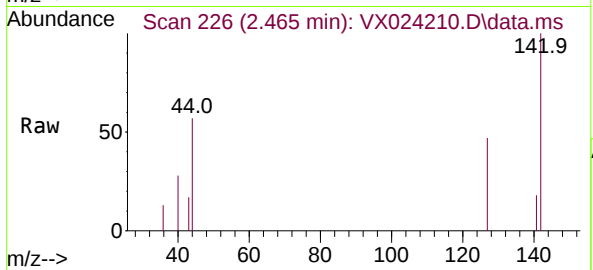
Tgt Ion: 64 Resp: 186
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



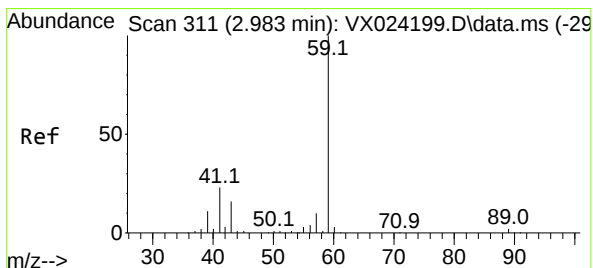
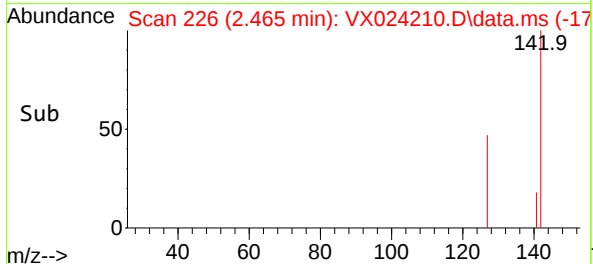
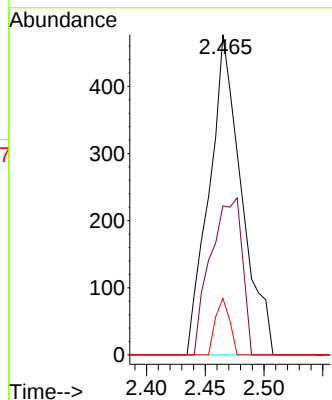


#10
Methyl Iodide
Concen: 0.492 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX024210.D
Acq: 14 Sep 2021 16:17

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-EB-20210909

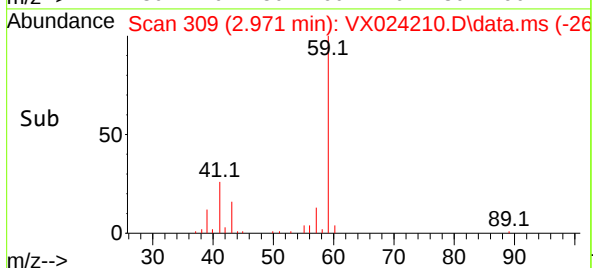
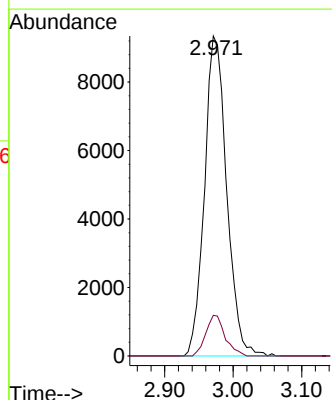
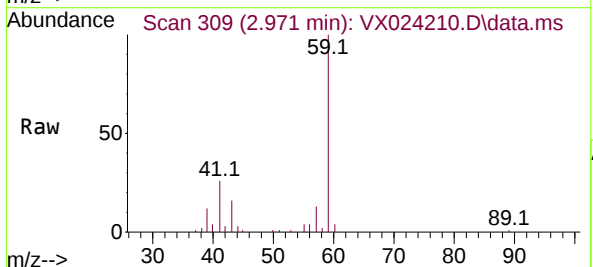


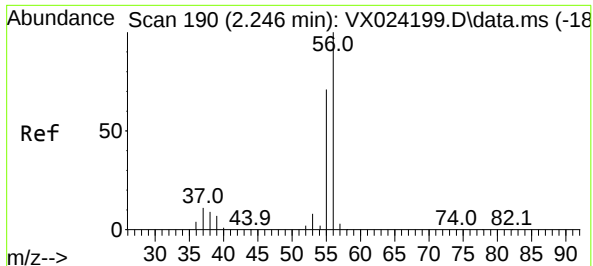
Tgt Ion:142 Resp: 910
Ion Ratio Lower Upper
142 100
127 47.9 33.3 49.9
141 7.7 11.4 17.0#



#11
Tert butyl alcohol
Concen: 33.275 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.012 min
Lab File: VX024210.D
Acq: 14 Sep 2021 16:17

Tgt Ion: 59 Resp: 21075
Ion Ratio Lower Upper
59 100
57 11.0 7.8 11.8

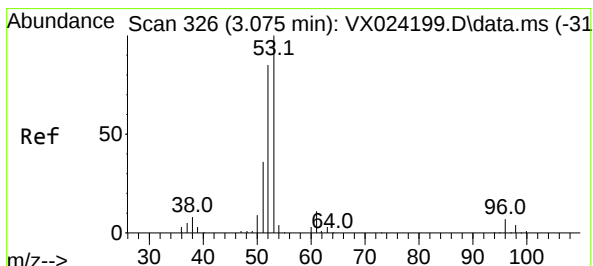
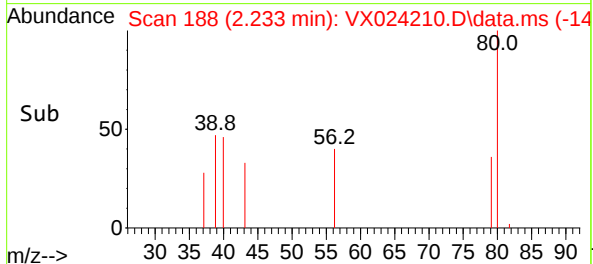
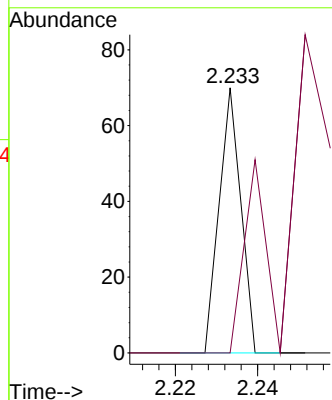
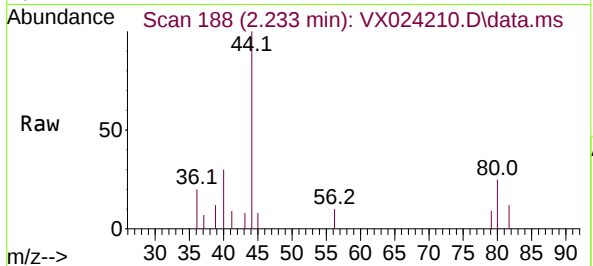




#13
Acrolein
Concen: 0.204 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.013 min
Lab File: VX024210.D
Acq: 14 Sep 2021 16:17

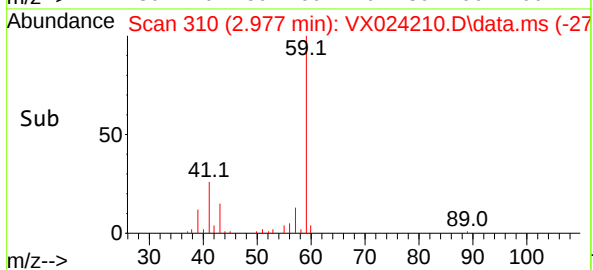
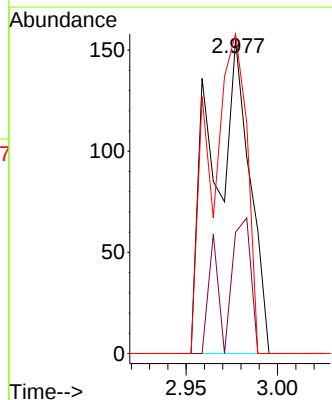
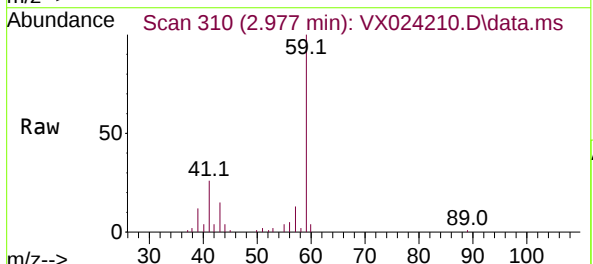
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MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-EB-20210909

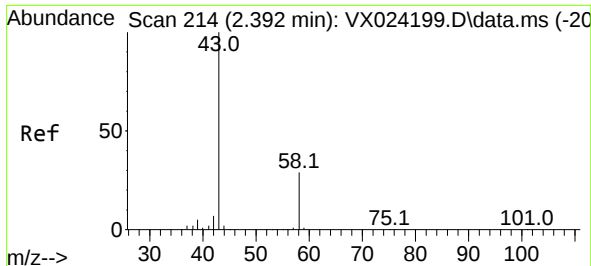
Tgt Ion: 56 Resp: 26
Ion Ratio Lower Upper
56 100
55 265.4 56.4 84.6#



#15
Acrylonitrile
Concen: 0.282 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.098 min
Lab File: VX024210.D
Acq: 14 Sep 2021 16:17

Tgt Ion: 53 Resp: 223
Ion Ratio Lower Upper
53 100
52 30.5 65.3 97.9#
51 99.1 28.2 42.2#

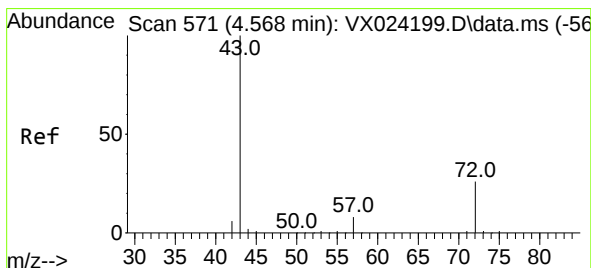
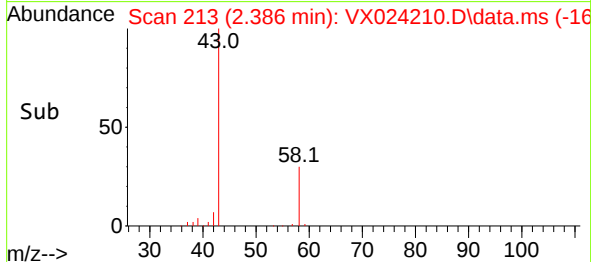
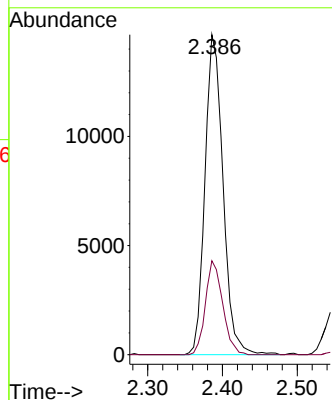
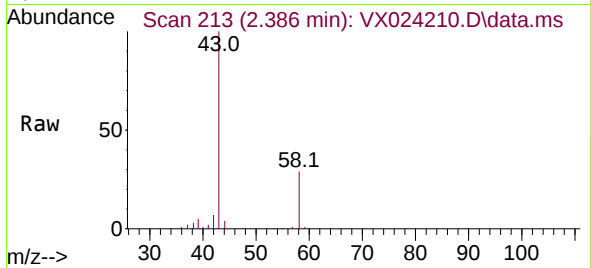




#16
Acetone
Concen: 29.843 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX024210.D
Acq: 14 Sep 2021 16:17

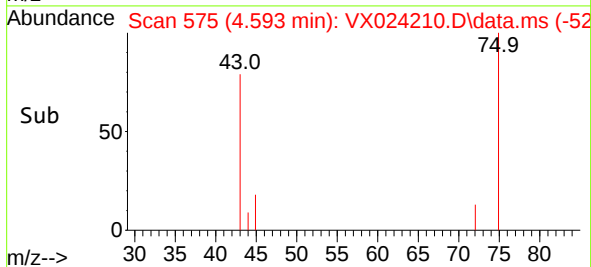
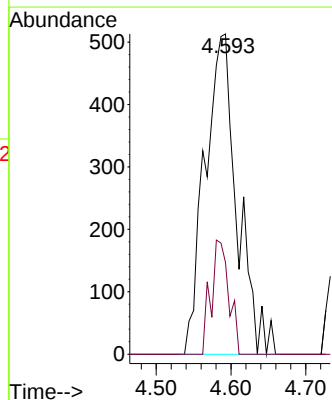
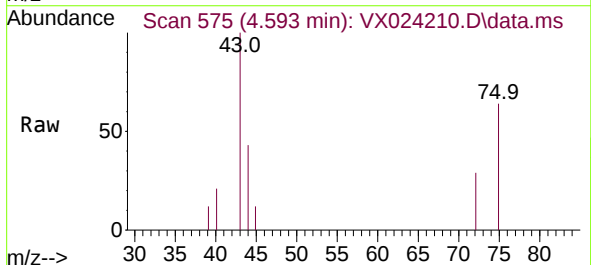
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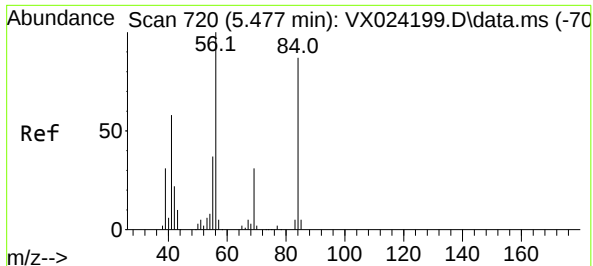
Tgt Ion: 43 Resp: 24637
Ion Ratio Lower Upper
43 100
58 29.3 27.8 41.8



#25
2-Butanone
Concen: 1.264 ug/l
RT: 4.593 min Scan# 575
Delta R.T. 0.025 min
Lab File: VX024210.D
Acq: 14 Sep 2021 16:17

Tgt Ion: 43 Resp: 1537
Ion Ratio Lower Upper
43 100
72 28.7 23.7 35.5

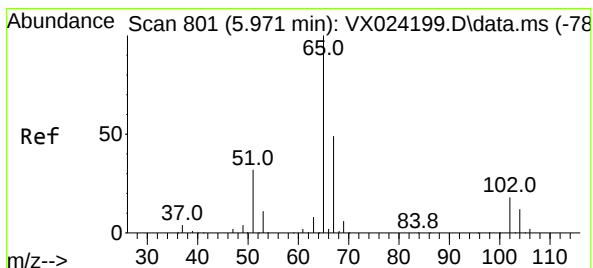
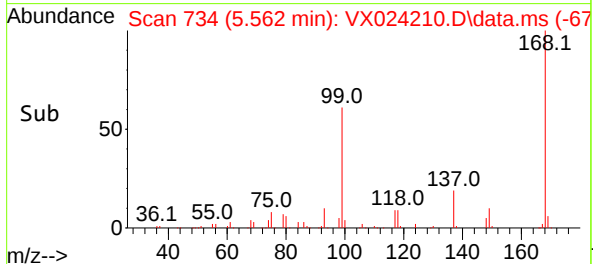
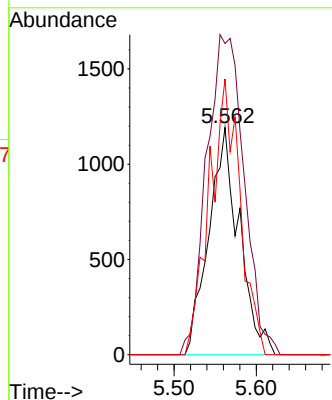
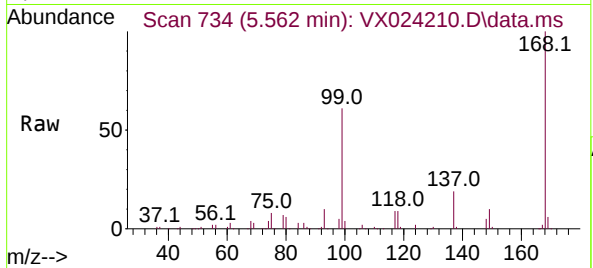




#31
Cyclohexane
Concen: 1.356 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX024210.D
Acq: 14 Sep 2021 16:17

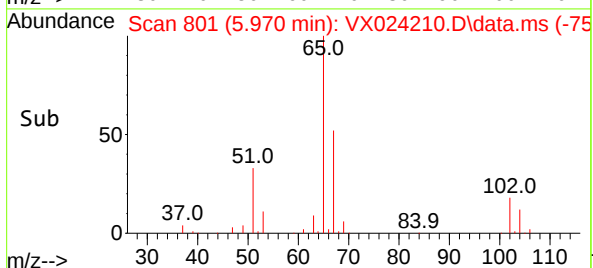
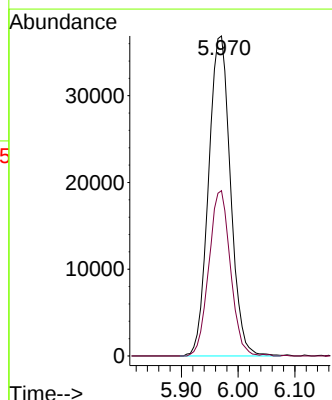
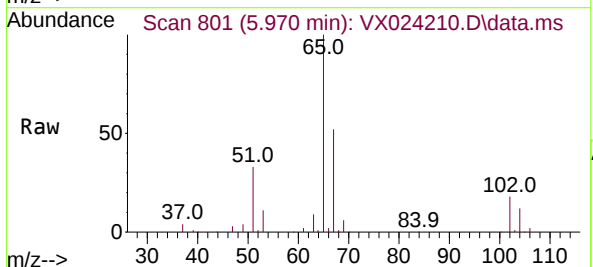
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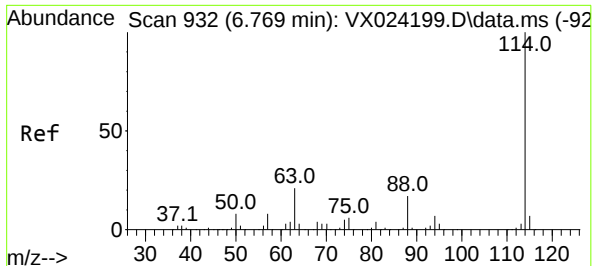
Tgt Ion: 56 Resp: 3071
Ion Ratio Lower Upper
56 100
69 137.0 25.3 37.9#
84 121.3 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 51.224 ug/l
RT: 5.970 min Scan# 801
Delta R.T. -0.001 min
Lab File: VX024210.D
Acq: 14 Sep 2021 16:17

Tgt Ion: 65 Resp: 99176
Ion Ratio Lower Upper
65 100
67 50.6 0.0 105.4

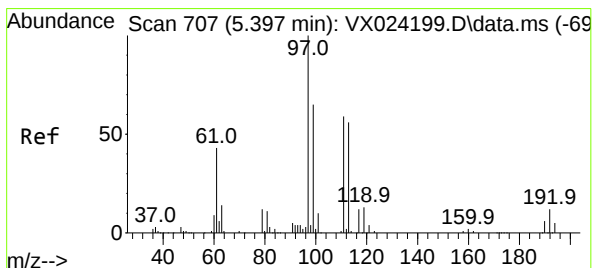
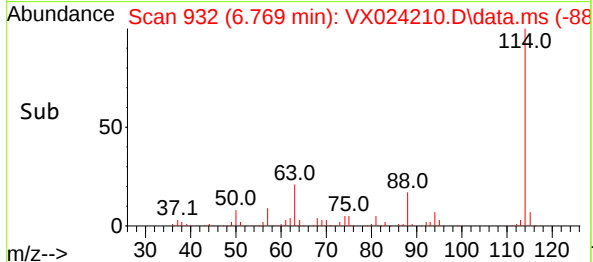
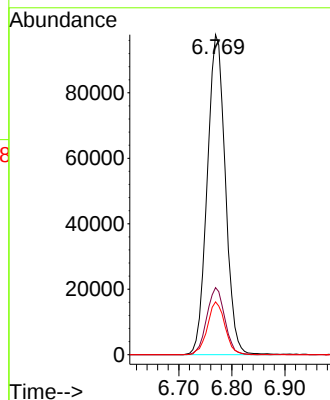
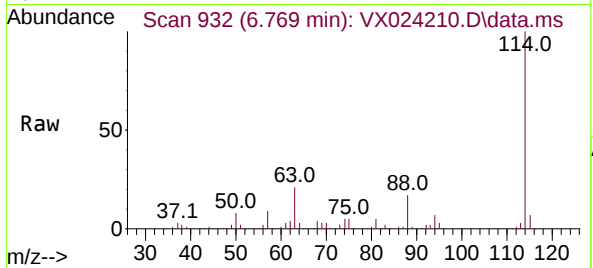




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024210.D
Acq: 14 Sep 2021 16:17

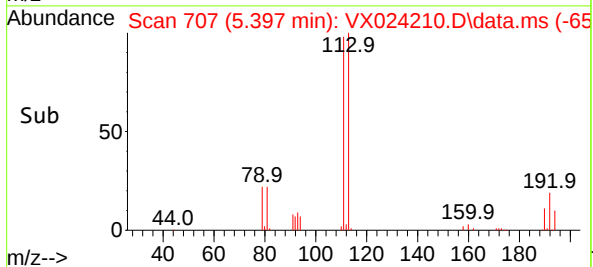
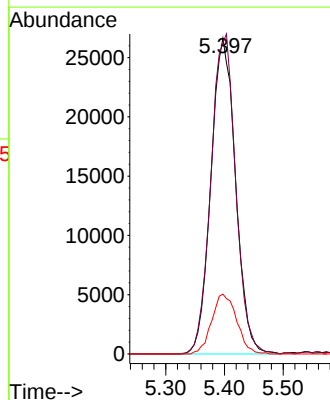
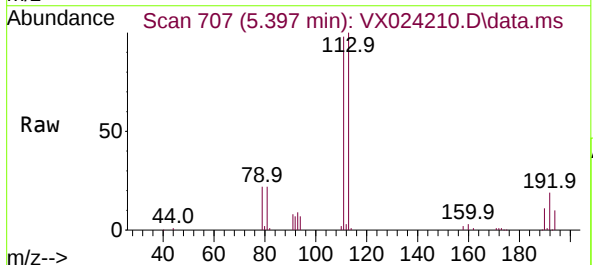
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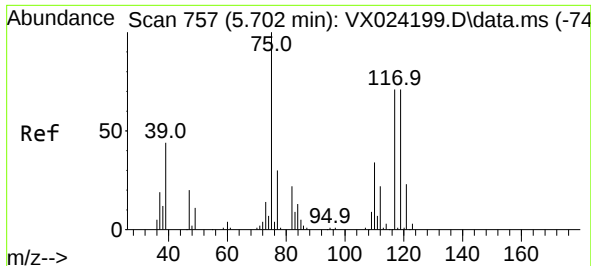
Tgt Ion:	114	Resp:	231615
Ion Ratio	Lower	Upper	
114	100		
63	20.9	0.0	40.8
88	16.5	0.0	32.8



#35
Dibromofluoromethane
Concen: 49.942 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024210.D
Acq: 14 Sep 2021 16:17

Tgt Ion:	113	Resp:	77576
Ion Ratio	Lower	Upper	
113	100		
111	101.7	81.9	122.9
192	19.2	16.7	25.1

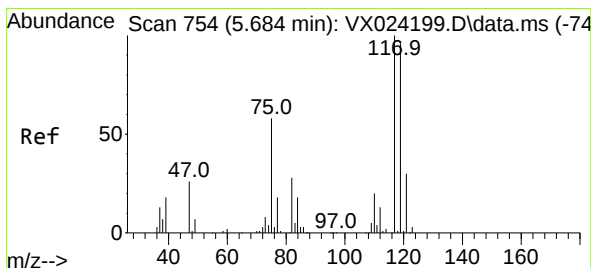
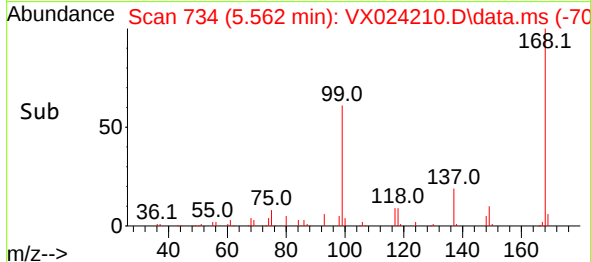
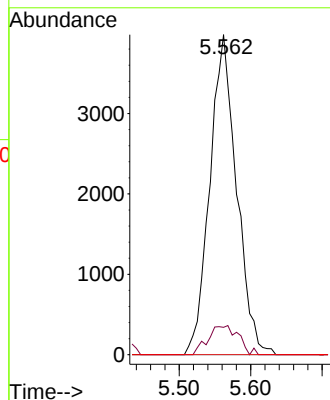
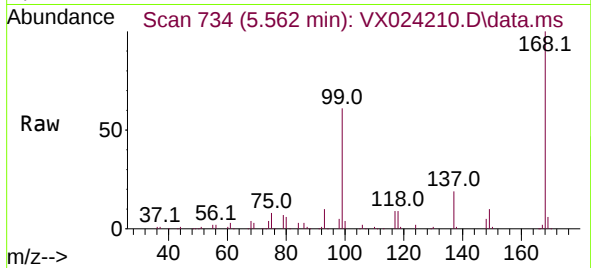




#36
1,1-Dichloropropene
Concen: 4.855 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX024210.D
Acq: 14 Sep 2021 16:17

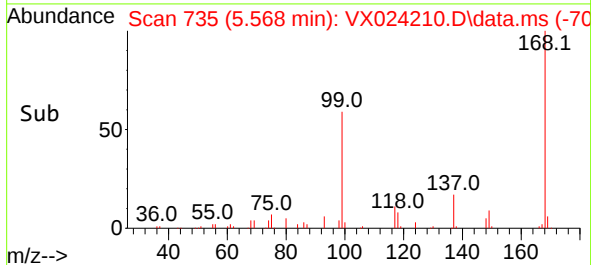
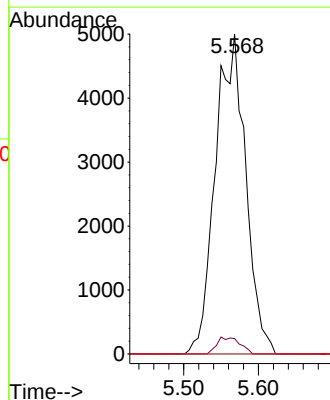
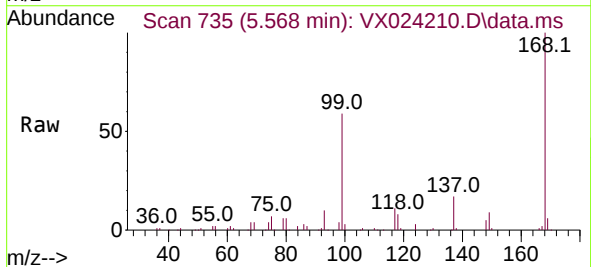
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-EB-20210909

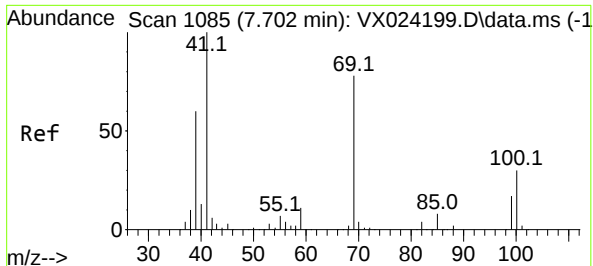
Tgt Ion: 75 Resp: 10338
Ion Ratio Lower Upper
75 100
110 10.4 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.873 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.116 min
Lab File: VX024210.D
Acq: 14 Sep 2021 16:17

Tgt Ion: 117 Resp: 14076
Ion Ratio Lower Upper
117 100
119 4.8 76.2 114.2#
121 0.0 24.8 37.2#





#48

Methyl methacrylate

Concen: 3.168 ug/l

RT: 7.860 min Scan# 1111

Delta R.T. 0.158 min

Lab File: VX024210.D

Acq: 14 Sep 2021 16:17

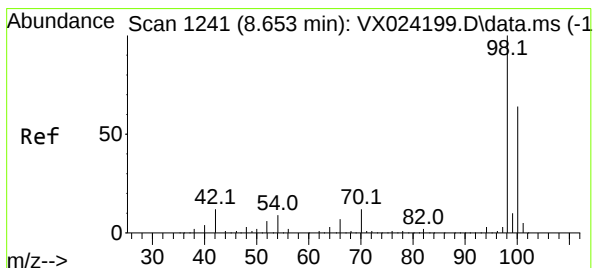
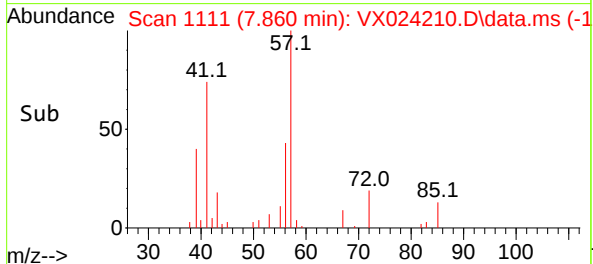
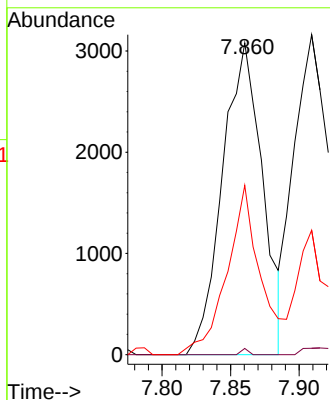
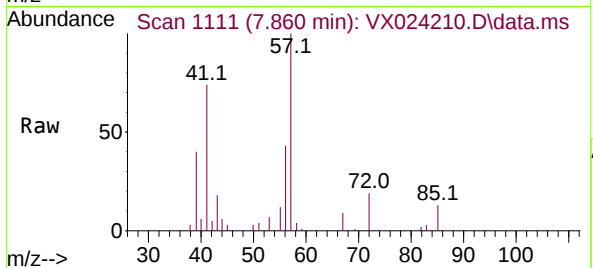
Tgt Ion:	41	Resp:	6244
Ion	Ratio	Lower	Upper
41	100		
69	0.4	76.0	114.0#
39	46.3	44.6	67.0

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-VPB-RW7-EB-20210909



#50

Toluene-d8

Concen: 50.139 ug/l

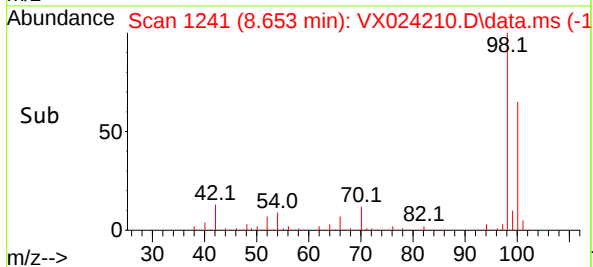
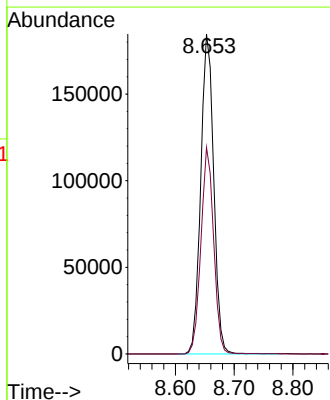
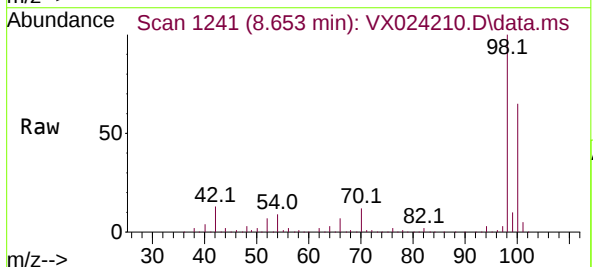
RT: 8.653 min Scan# 1241

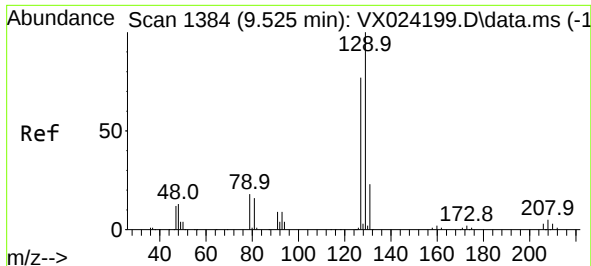
Delta R.T. -0.000 min

Lab File: VX024210.D

Acq: 14 Sep 2021 16:17

Tgt Ion:	98	Resp:	283719
Ion	Ratio	Lower	Upper
98	100		
100	63.4	51.9	77.9

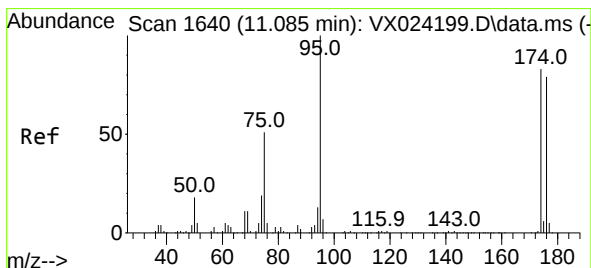
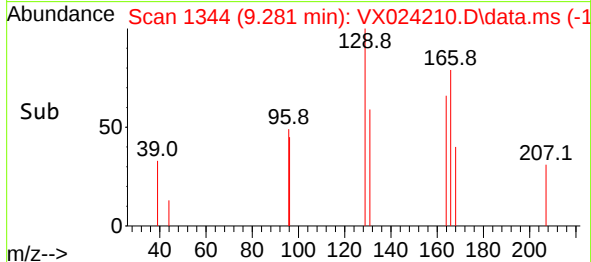
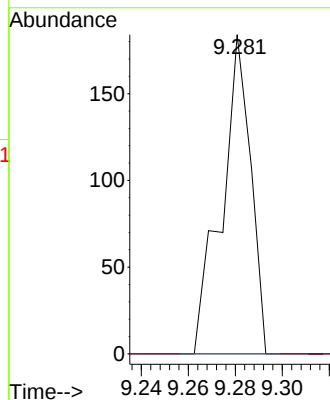
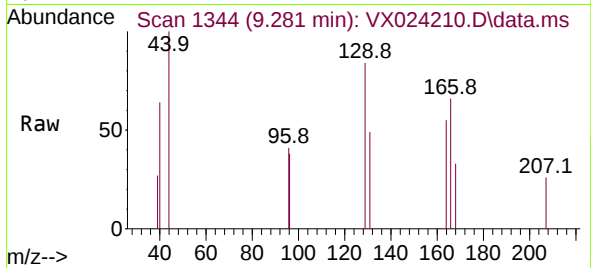




#60
Dibromochloromethane
Concen: 1.805 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.244 min
Lab File: VX024210.D
Acq: 14 Sep 2021 16:17

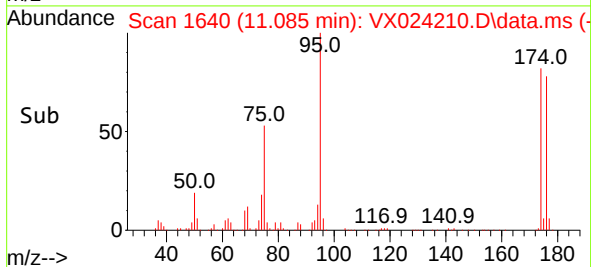
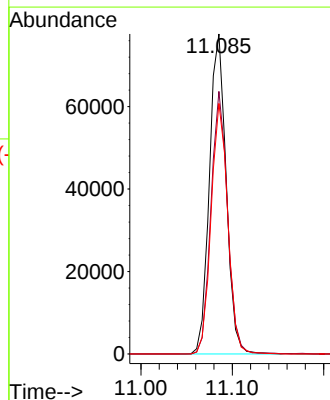
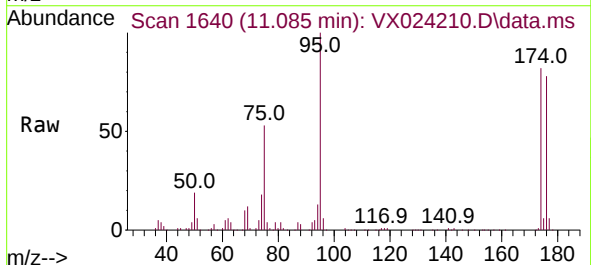
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-EB-20210909

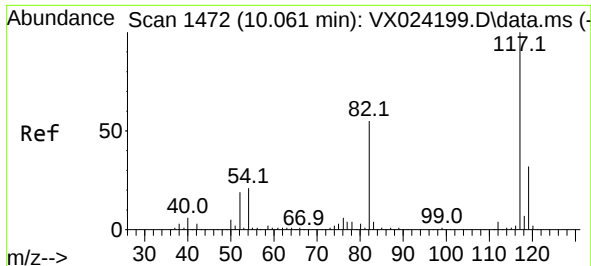
Tgt Ion:129 Resp: 158
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 44.702 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024210.D
Acq: 14 Sep 2021 16:17

Tgt Ion: 95 Resp: 98441
Ion Ratio Lower Upper
95 100
174 81.3 0.0 154.6
176 78.1 0.0 155.8

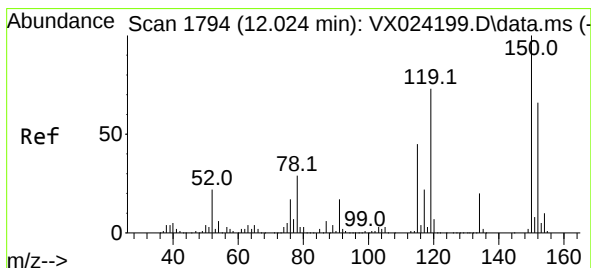
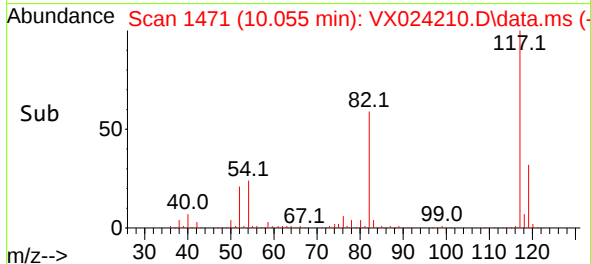
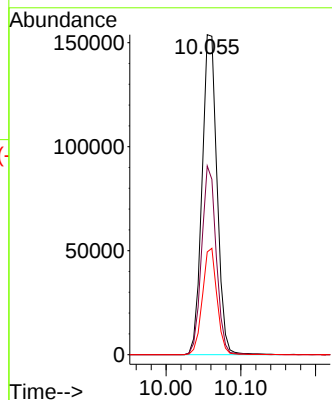
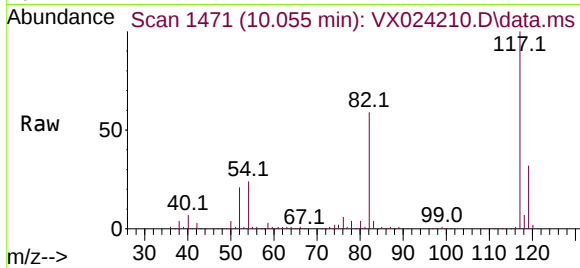




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX024210.D
Acq: 14 Sep 2021 16:17

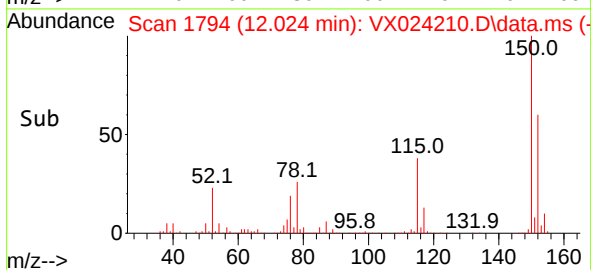
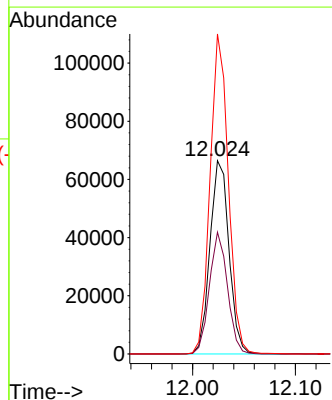
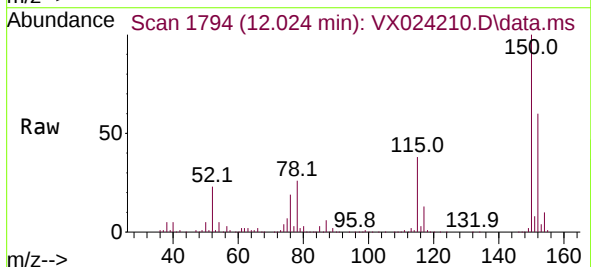
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-EB-20210909

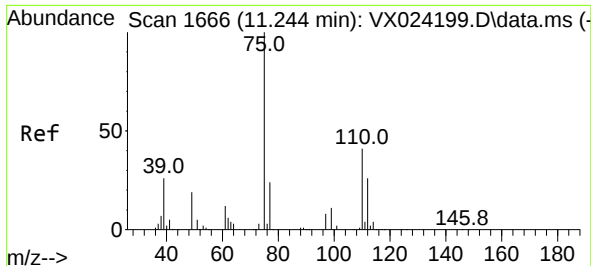
Tgt Ion:117 Resp: 214047
Ion Ratio Lower Upper
117 100
82 59.0 47.4 71.2
119 32.1 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024210.D
Acq: 14 Sep 2021 16:17

Tgt Ion:152 Resp: 85476
Ion Ratio Lower Upper
152 100
115 59.8 41.1 123.3
150 158.4 0.0 349.0

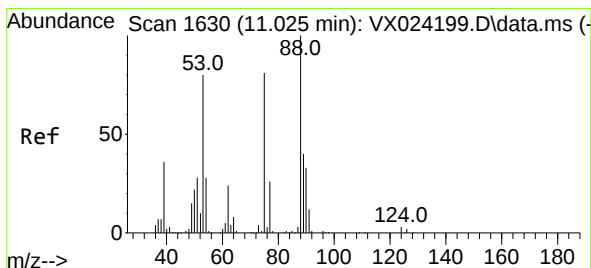
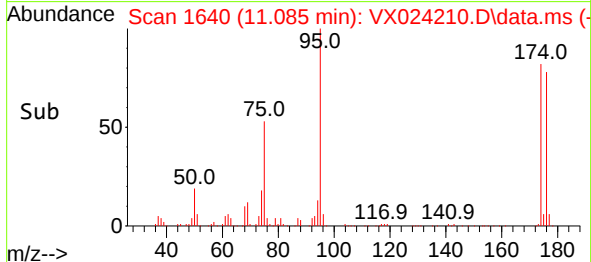
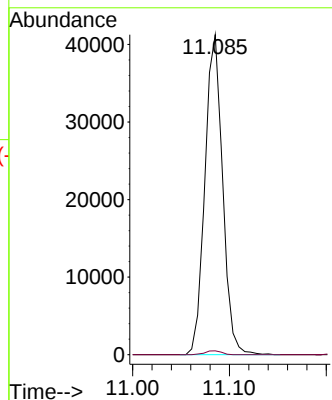
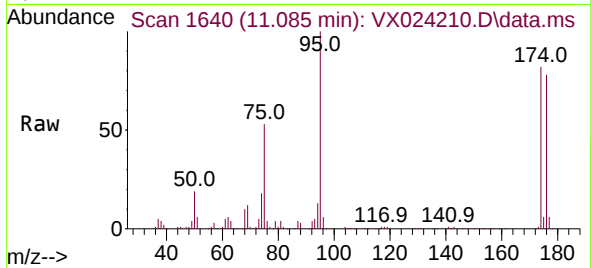




#76
1,2,3-Trichloropropane
Concen: 26.790 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024210.D
Acq: 14 Sep 2021 16:17

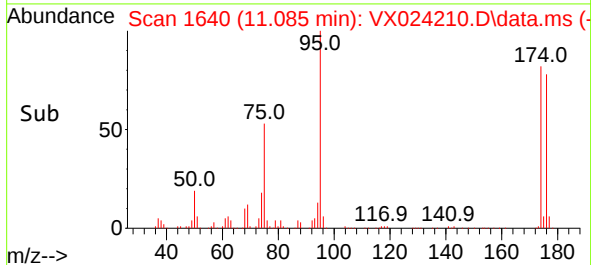
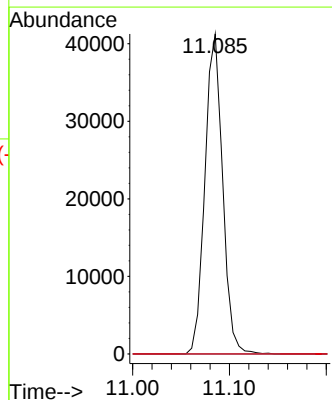
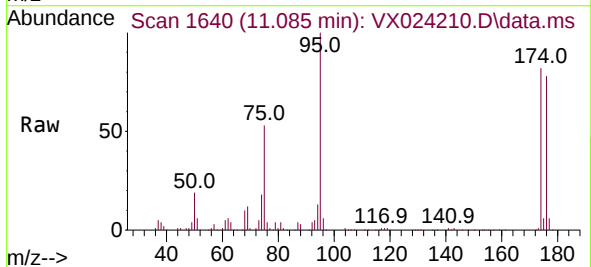
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-EB-20210909

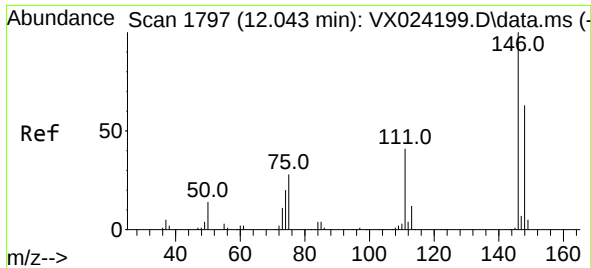
Tgt Ion: 75 Resp: 52654
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 78.789 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX024210.D
Acq: 14 Sep 2021 16:17

Tgt Ion: 75 Resp: 52654
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

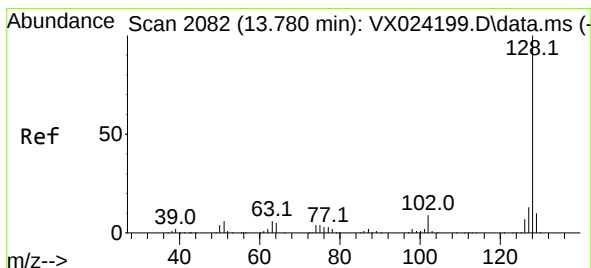
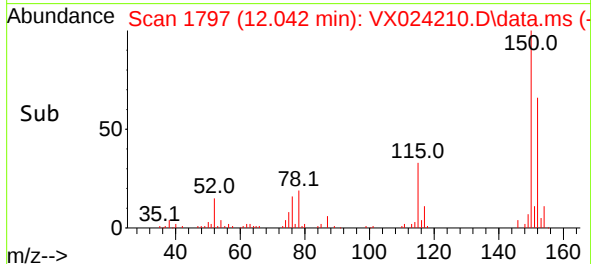
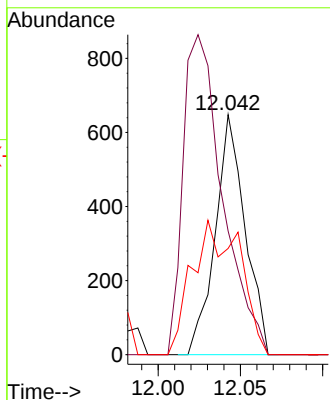
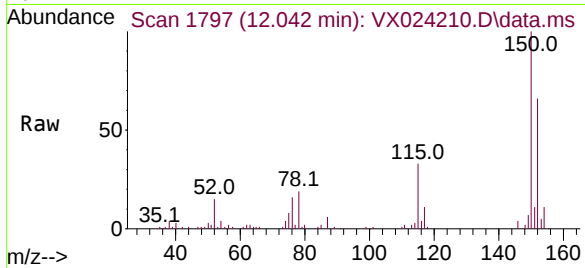




#88
1,4-Dichlorobenzene
Concen: 0.279 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. -0.001 min
Lab File: VX024210.D
Acq: 14 Sep 2021 16:17

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-EB-20210909

Tgt Ion:146 Resp: 817
Ion Ratio Lower Upper
146 100
111 176.0 19.6 58.8#
148 89.4 31.6 95.0



#95
Naphthalene
Concen: 1.363 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX024210.D
Acq: 14 Sep 2021 16:17

Tgt Ion:128 Resp: 478
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

