

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090821\
 Data File : VX024130.D
 Acq On : 08 Sep 2021 12:09
 Operator : JC/MD
 Sample : M3675-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-VPB-RW7-GW-705-707

Quant Time: Sep 09 05:43:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:57:51 2021
 Response via : Initial Calibration

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

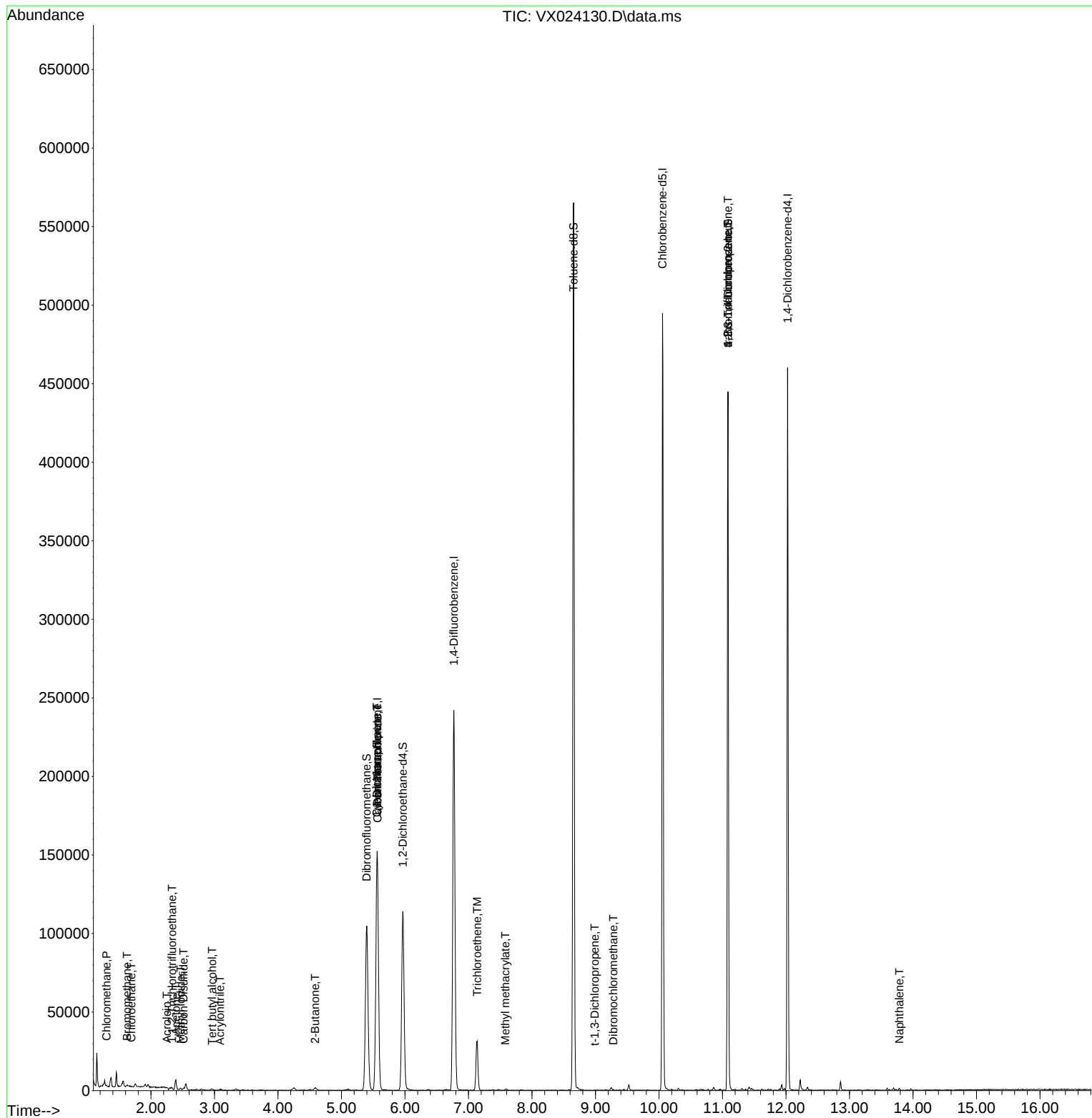
Internal Standards						
1) Pentafluorobenzene	5.562	168	142032	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	240529	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	217521	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	90163	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	113862	57.439	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 114.880%	
35) Dibromofluoromethane	5.397	113	87817	55.161	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 110.320%	
50) Toluene-d8	8.653	98	318813	52.616	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 105.240%	
62) 4-Bromofluorobenzene	11.085	95	111246	49.873	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 99.740%	
Target Compounds						Qvalue
3) Chloromethane	1.301	50	563	0.342	ug/l	90
5) Bromomethane	1.624	94	679	0.673	ug/l	93
6) Chloroethane	1.691	64	113	2.298	ug/l #	43
9) 1,1,2-Trichlorotrifluo...	2.331	101	343	0.241	ug/l	95
10) Methyl Iodide	2.465	142	1324	0.667	ug/l #	85
11) Tert butyl alcohol	2.965	59	378	0.943	ug/l #	73
13) Acrolein	2.252	56	173	0.725	ug/l #	63
15) Acrylonitrile	3.087	53	185	0.207	ug/l #	27
16) Acetone	2.392	43	6755	7.621	ug/l #	81
17) Carbon Disulfide	2.514	76	1325	0.408	ug/l	100
25) 2-Butanone	4.587	43	1343	1.000	ug/l #	81
31) Cyclohexane	5.556	56	3228	1.267	ug/l #	21
36) 1,1-Dichloropropene	5.556	75	11331	5.087	ug/l #	47
38) Carbon Tetrachloride	5.568	117	14901	6.415	ug/l #	15
44) Trichloroethene	7.135	130	12292	6.756	ug/l	88
48) Methyl methacrylate	7.580	41	418	0.200	ug/l #	35
53) t-1,3-Dichloropropene	8.988	75	52	2.155	ug/l #	44
60) Dibromochloromethane	9.281	129	80	1.728	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	62005	29.480	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	62005	86.718	ug/l #	12
95) Naphthalene	13.786	128	1091	1.444	ug/l #	91

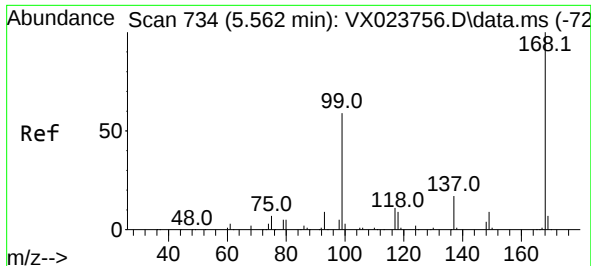
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
BP-TT-VPB-RW7-GW-705-707

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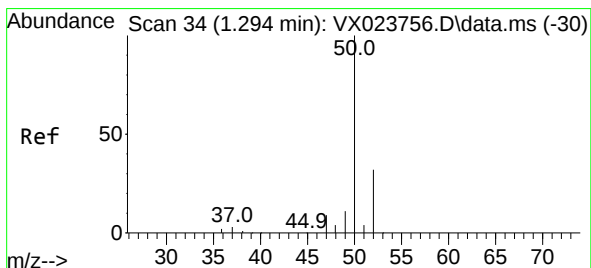
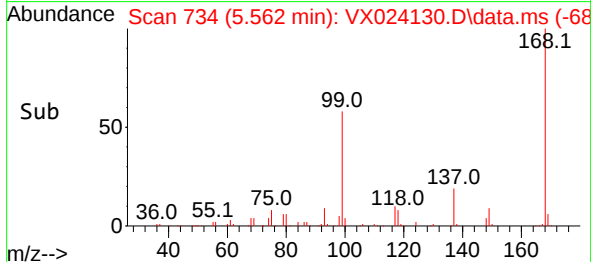
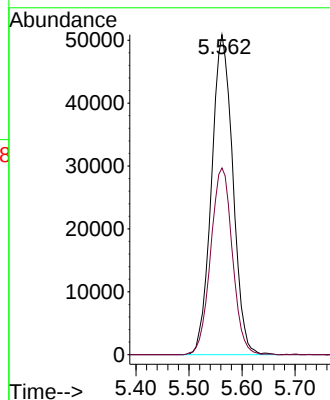
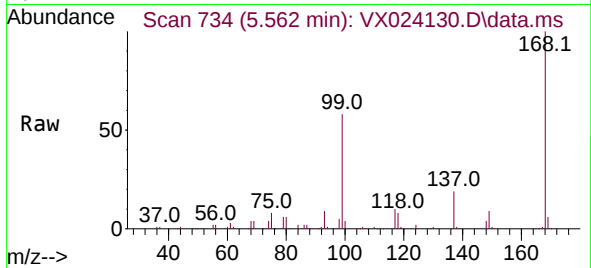




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX024130.D
Acq: 08 Sep 2021 12:09

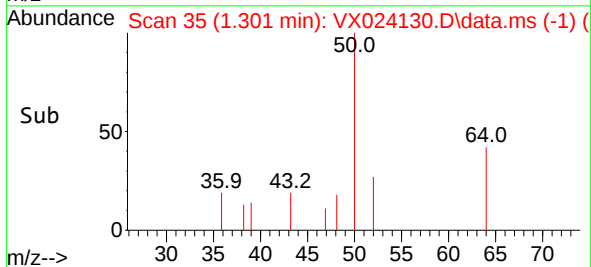
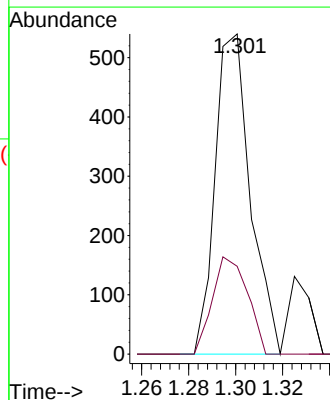
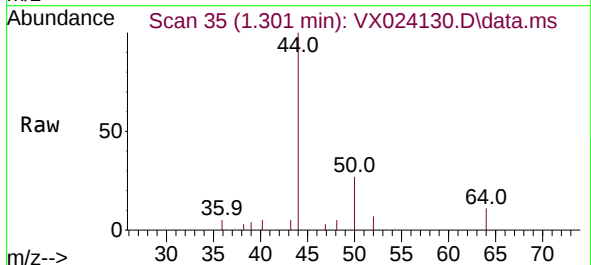
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-GW-705-707

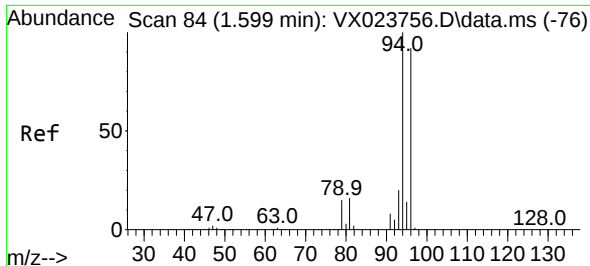
Tgt Ion:168 Resp: 142032
Ion Ratio Lower Upper
168 100
99 58.3 45.8 68.6



#3
Chloromethane
Concen: 0.342 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.007 min
Lab File: VX024130.D
Acq: 08 Sep 2021 12:09

Tgt Ion: 50 Resp: 563
Ion Ratio Lower Upper
50 100
52 27.4 26.4 39.6

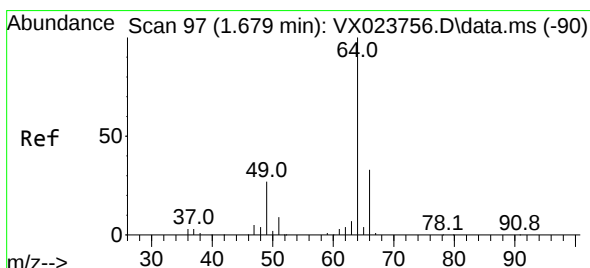
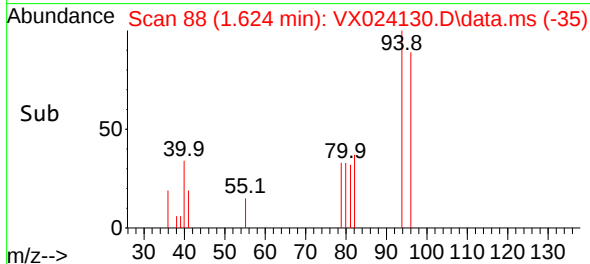
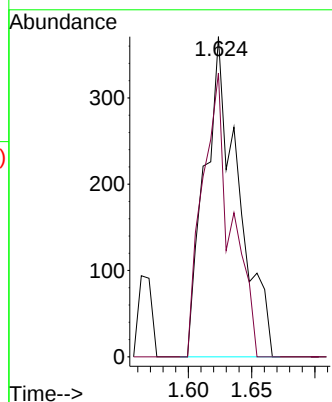
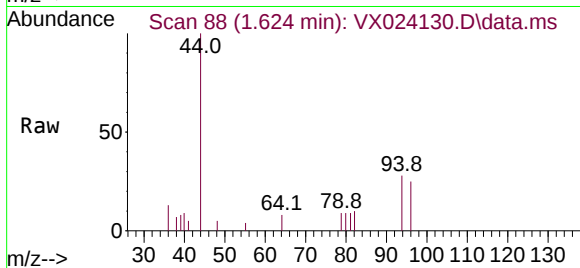




#5
Bromomethane
Concen: 0.673 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.025 min
Lab File: VX024130.D
Acq: 08 Sep 2021 12:09

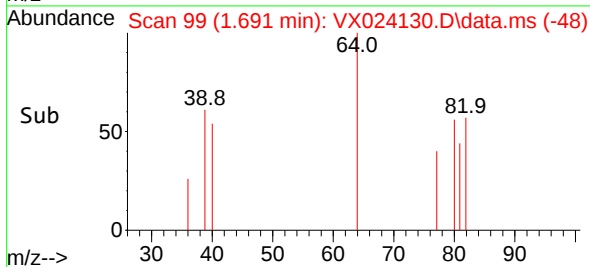
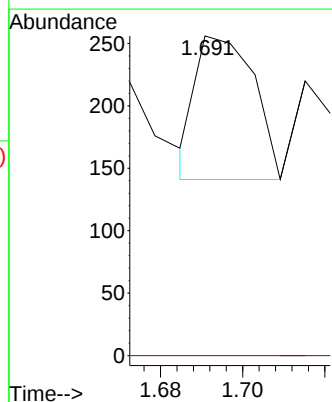
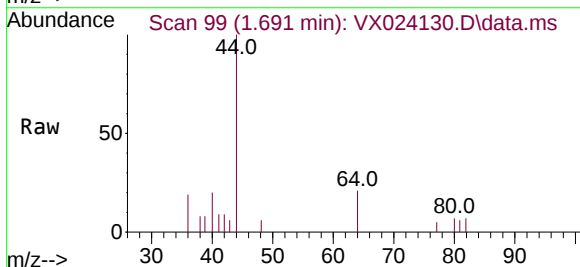
Instrument :
MSVOA_X
ClientSampleId :
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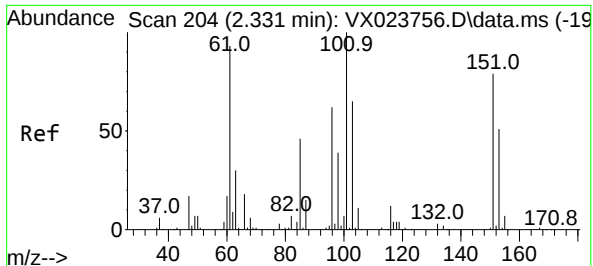
Tgt Ion: 94 Resp: 679
Ion Ratio Lower Upper
94 100
96 88.7 76.4 114.6



#6
Chloroethane
Concen: 2.298 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.012 min
Lab File: VX024130.D
Acq: 08 Sep 2021 12:09

Tgt Ion: 64 Resp: 113
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#

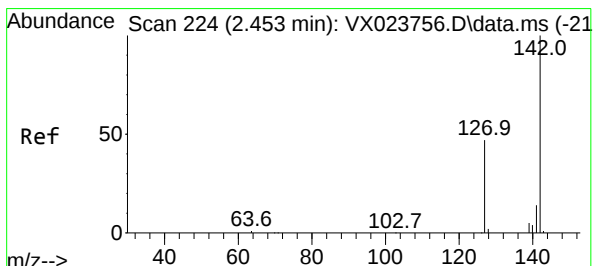
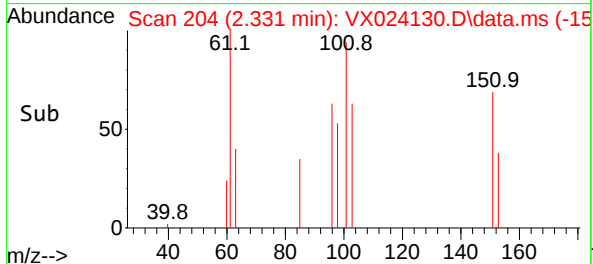
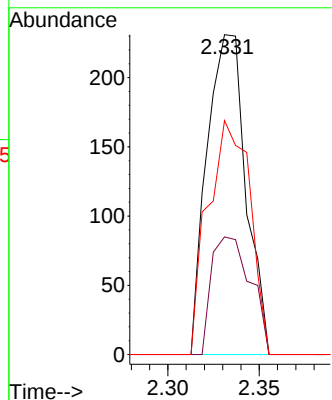
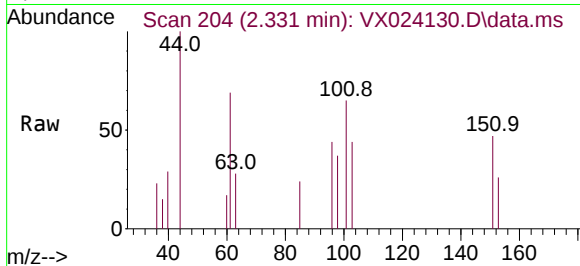




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.241 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX024130.D
Acq: 08 Sep 2021 12:09

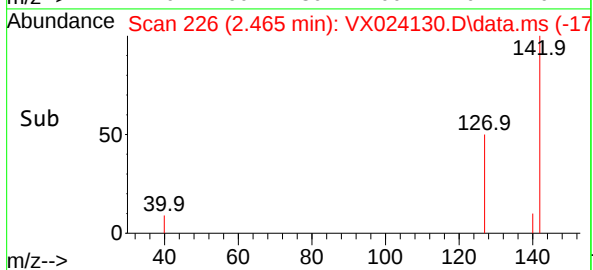
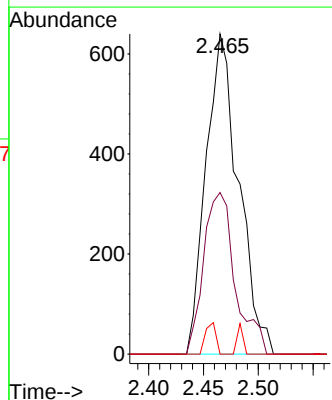
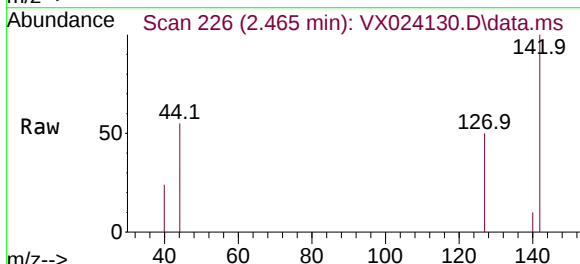
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-GW-705-707

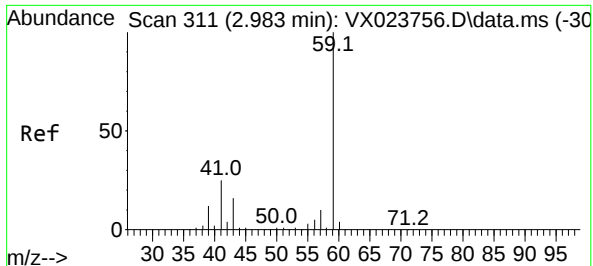
Tgt Ion:	101	Resp:	343
Ion	Ratio	Lower	Upper
101	100		
85	36.7	34.9	52.3
151	78.7	61.4	92.2



#10
Methyl Iodide
Concen: 0.667 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX024130.D
Acq: 08 Sep 2021 12:09

Tgt Ion:	142	Resp:	1324
Ion	Ratio	Lower	Upper
142	100		
127	48.8	33.3	49.9
141	3.2	11.4	17.0#



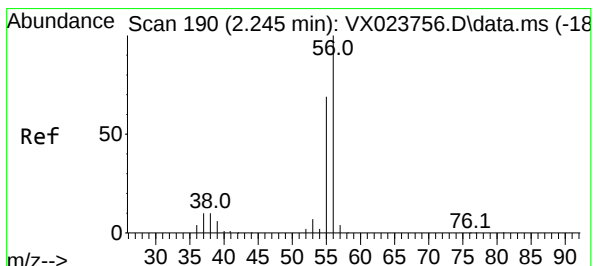
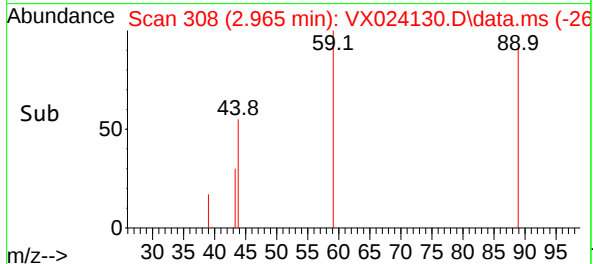
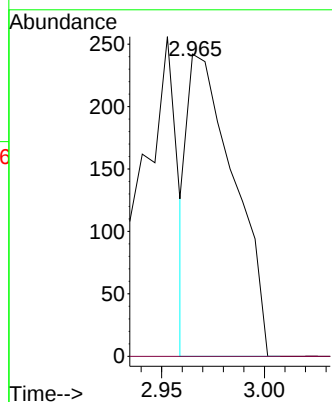
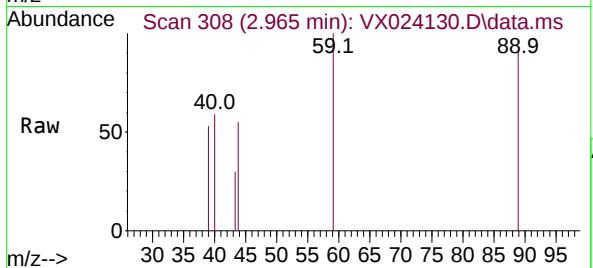


#11

Tert butyl alcohol
Concen: 0.943 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.018 min
Lab File: VX024130.D
Acq: 08 Sep 2021 12:09

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-GW-705-707

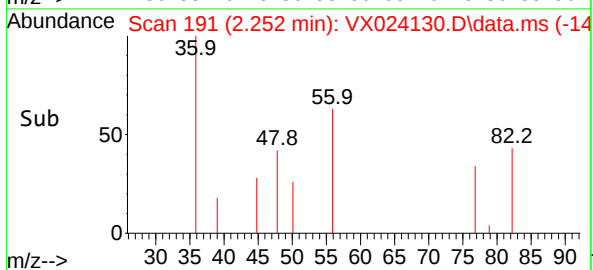
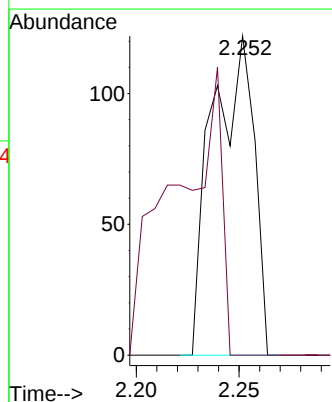
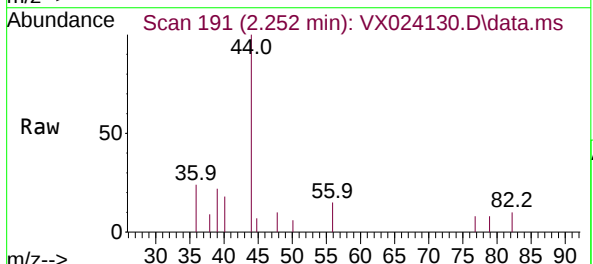
Tgt Ion: 59 Resp: 378
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

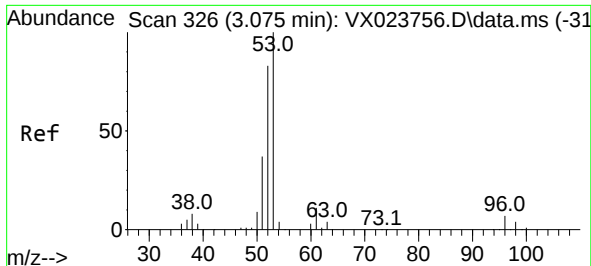


#13

Acrolein
Concen: 0.725 ug/l
RT: 2.252 min Scan# 191
Delta R.T. 0.007 min
Lab File: VX024130.D
Acq: 08 Sep 2021 12:09

Tgt Ion: 56 Resp: 173
Ion Ratio Lower Upper
56 100
55 100.6 56.4 84.6#

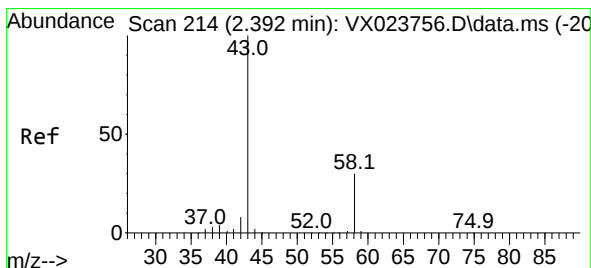
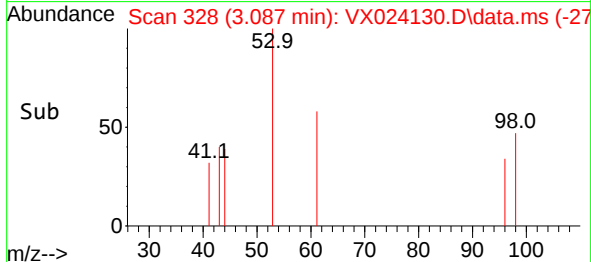
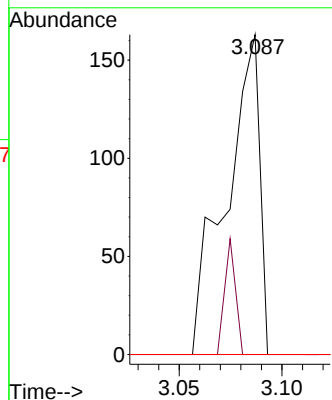
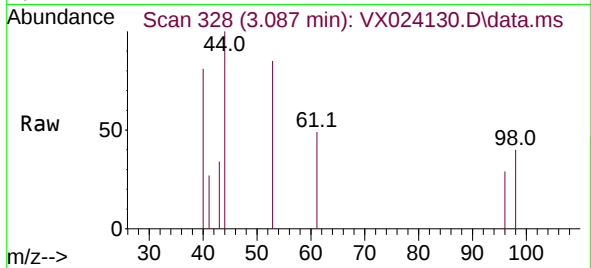




#15
Acrylonitrile
Concen: 0.207 ug/l
RT: 3.087 min Scan# 328
Delta R.T. 0.012 min
Lab File: VX024130.D
Acq: 08 Sep 2021 12:09

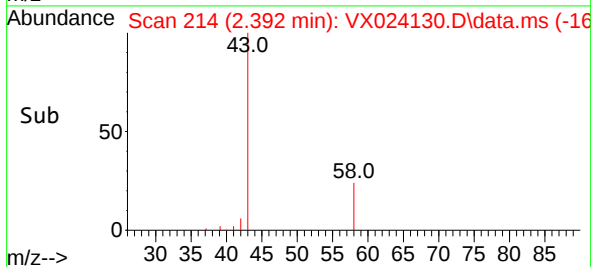
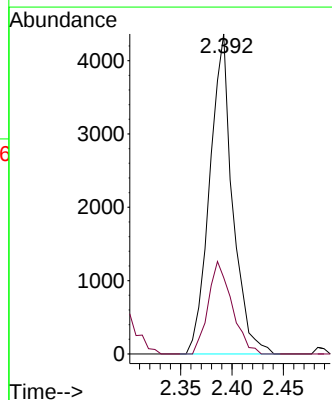
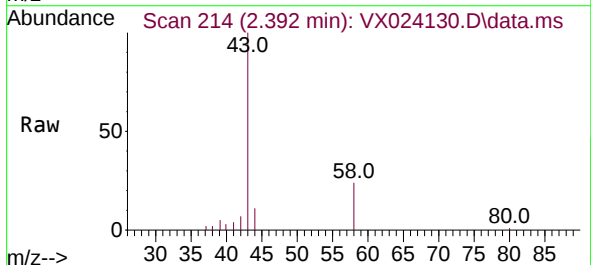
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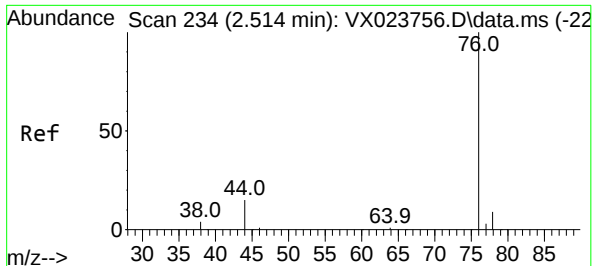
Tgt Ion: 53 Resp: 185
Ion Ratio Lower Upper
53 100
52 11.9 65.3 97.9#
51 0.0 28.2 42.2#



#16
Acetone
Concen: 7.621 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX024130.D
Acq: 08 Sep 2021 12:09

Tgt Ion: 43 Resp: 6755
Ion Ratio Lower Upper
43 100
58 23.9 27.8 41.8#

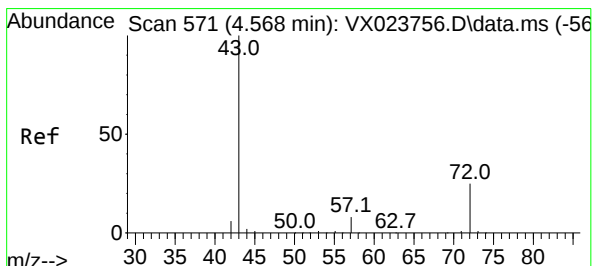
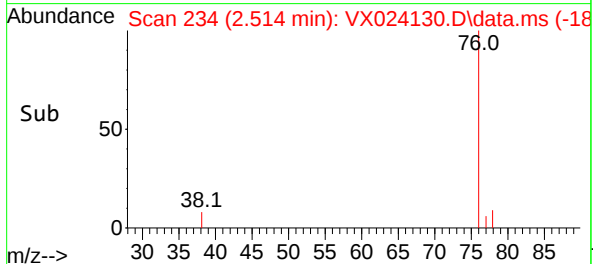
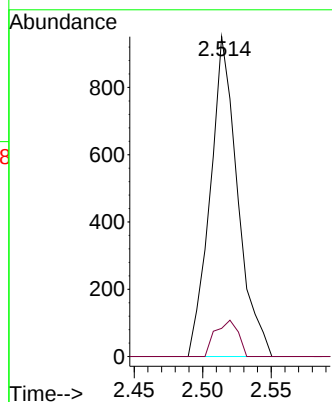
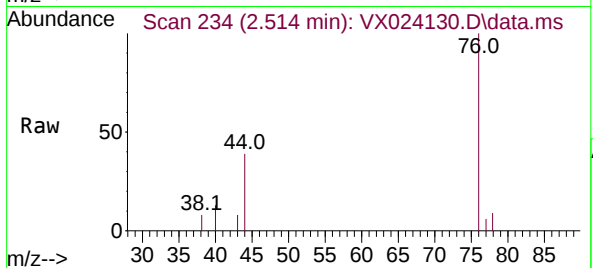




#17
Carbon Disulfide
Concen: 0.408 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX024130.D
Acq: 08 Sep 2021 12:09

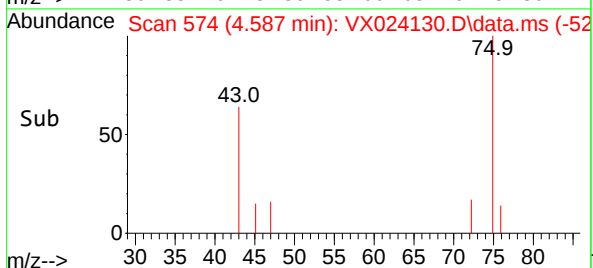
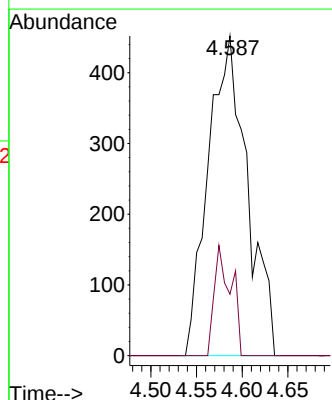
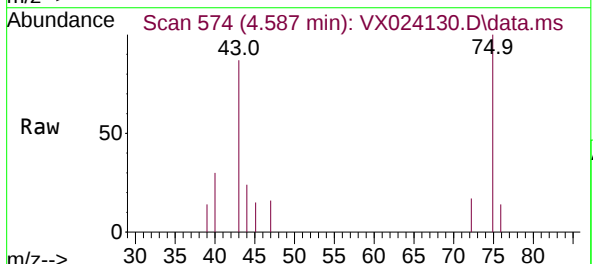
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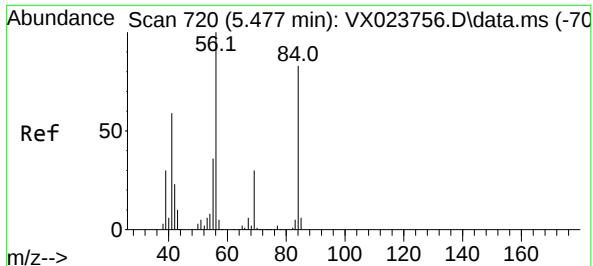
Tgt Ion: 76 Resp: 1325
Ion Ratio Lower Upper
76 100
78 8.8 7.2 10.8



#25
2-Butanone
Concen: 1.000 ug/l
RT: 4.587 min Scan# 574
Delta R.T. 0.019 min
Lab File: VX024130.D
Acq: 08 Sep 2021 12:09

Tgt Ion: 43 Resp: 1343
Ion Ratio Lower Upper
43 100
72 19.2 23.7 35.5#

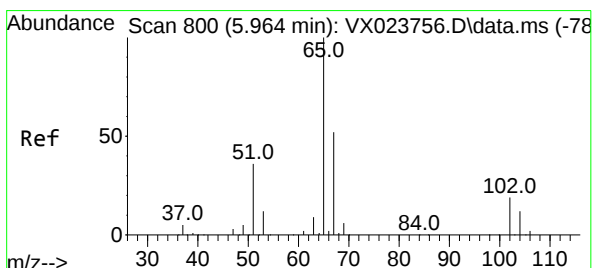
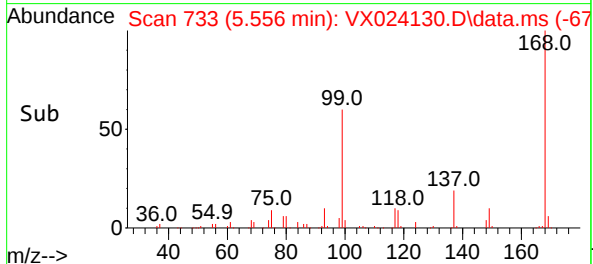
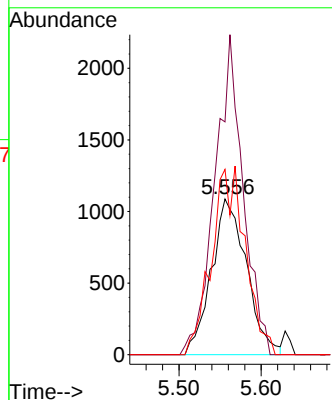
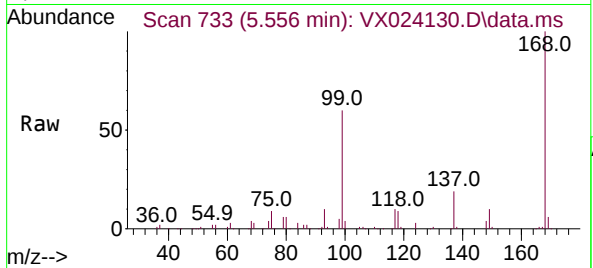




#31
Cyclohexane
Concen: 1.267 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX024130.D
Acq: 08 Sep 2021 12:09

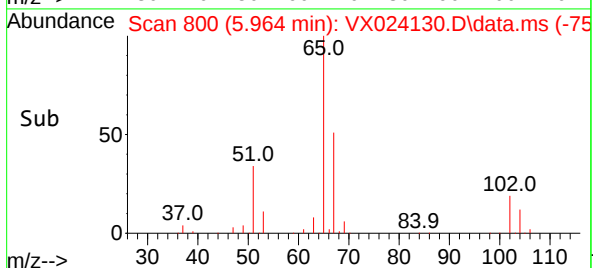
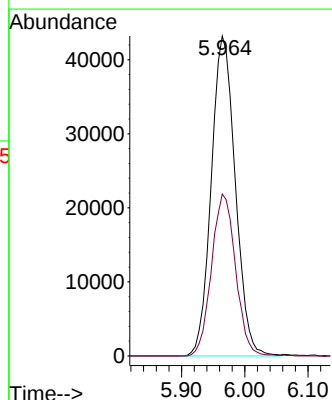
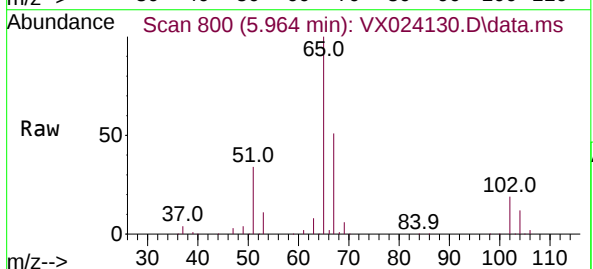
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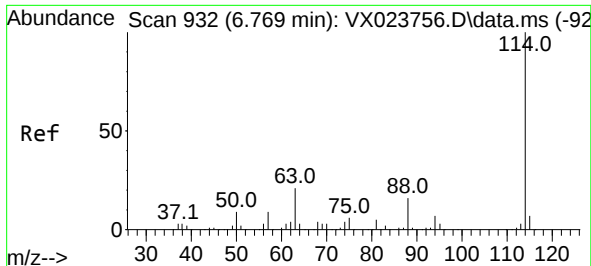
Tgt Ion: 56 Resp: 3228
Ion Ratio Lower Upper
56 100
69 149.6 25.3 37.9#
84 119.0 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 57.439 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024130.D
Acq: 08 Sep 2021 12:09

Tgt Ion: 65 Resp: 113862
Ion Ratio Lower Upper
65 100
67 50.6 0.0 105.4

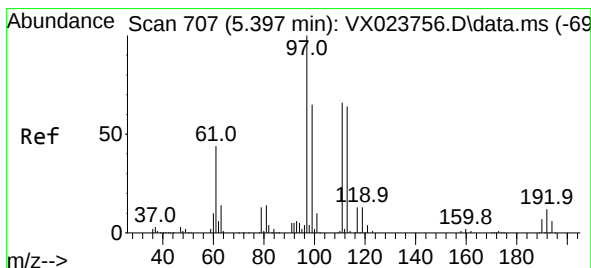
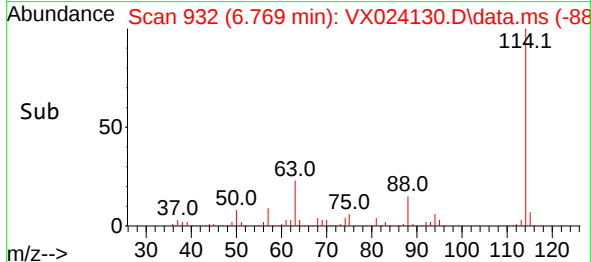
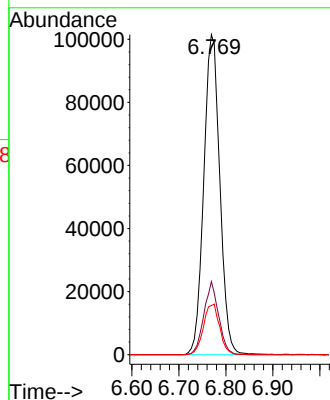
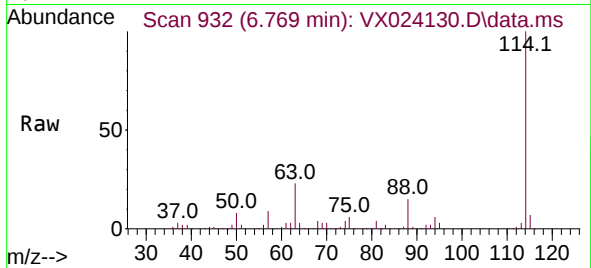




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024130.D
Acq: 08 Sep 2021 12:09

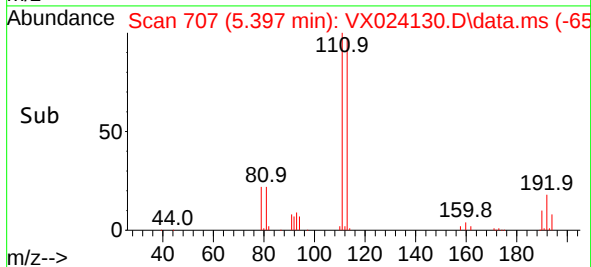
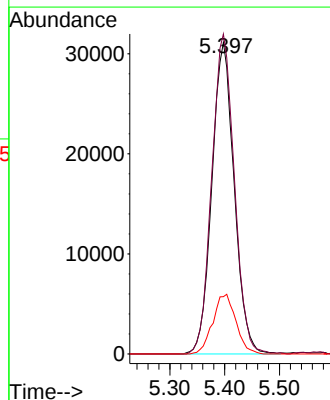
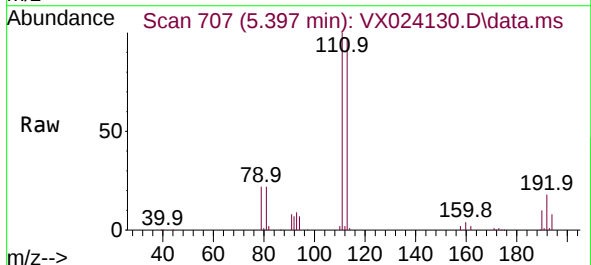
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-GW-705-707

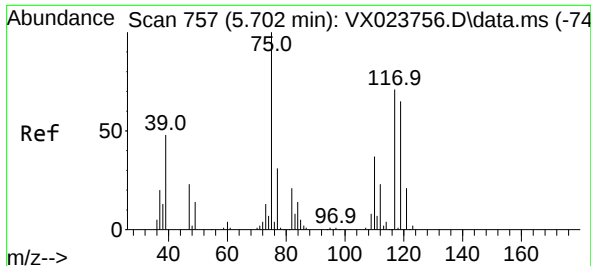
Tgt Ion:114 Resp: 240529
Ion Ratio Lower Upper
114 100
63 22.8 0.0 40.8
88 15.4 0.0 32.8



#35
Dibromofluoromethane
Concen: 55.161 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024130.D
Acq: 08 Sep 2021 12:09

Tgt Ion:113 Resp: 87817
Ion Ratio Lower Upper
113 100
111 104.1 81.9 122.9
192 19.8 16.7 25.1

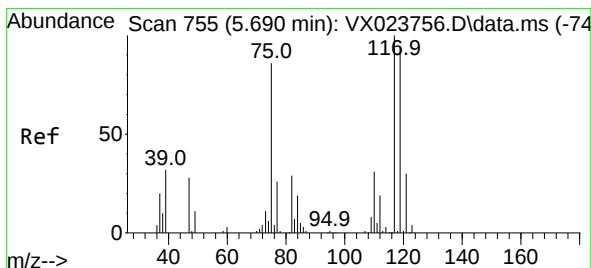
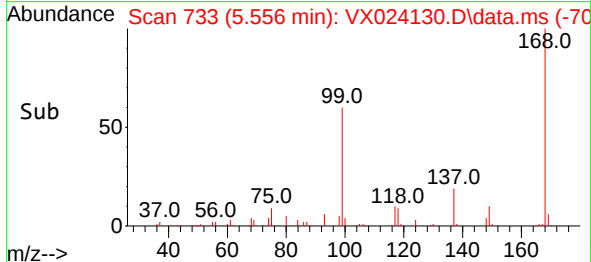
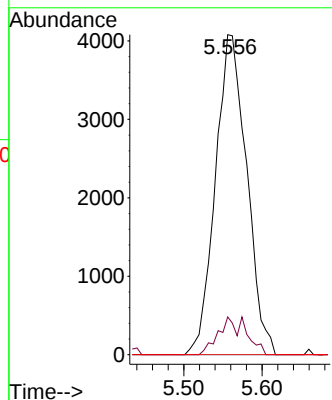
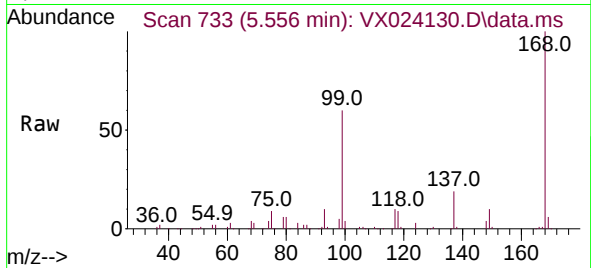




#36
1,1-Dichloropropene
Concen: 5.087 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX024130.D
Acq: 08 Sep 2021 12:09

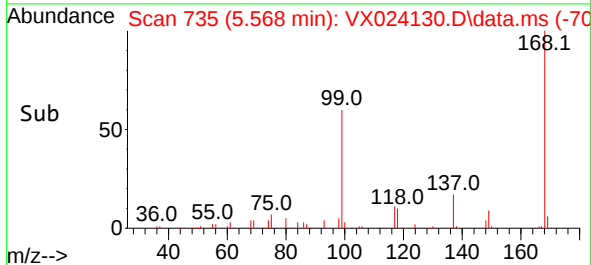
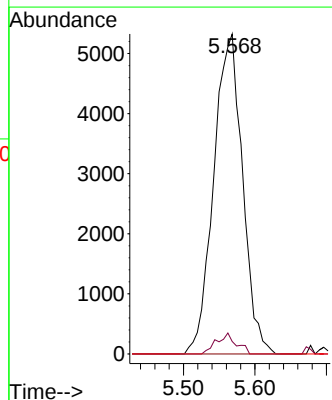
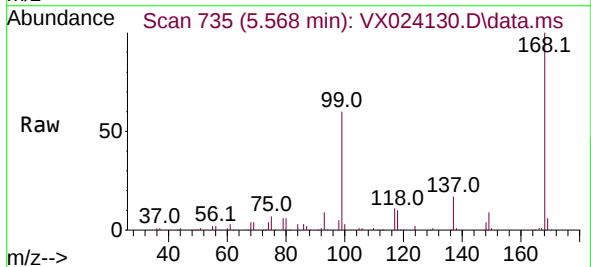
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-GW-705-707

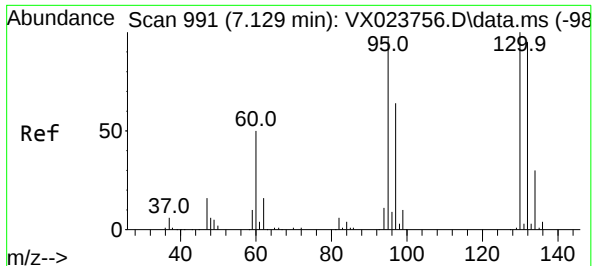
Tgt Ion: 75 Resp: 11331
Ion Ratio Lower Upper
75 100
110 6.6 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.415 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.122 min
Lab File: VX024130.D
Acq: 08 Sep 2021 12:09

Tgt Ion: 117 Resp: 14901
Ion Ratio Lower Upper
117 100
119 3.9 76.2 114.2#
121 0.0 24.8 37.2#

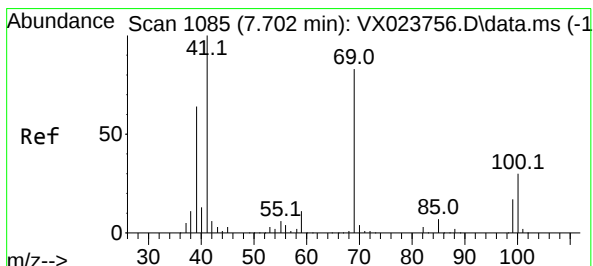
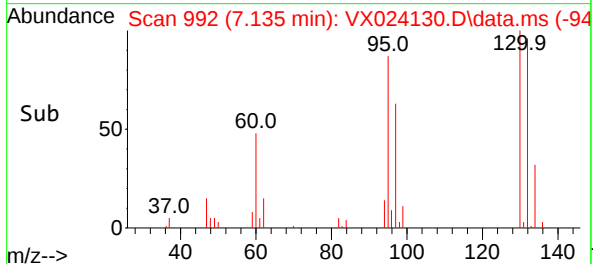
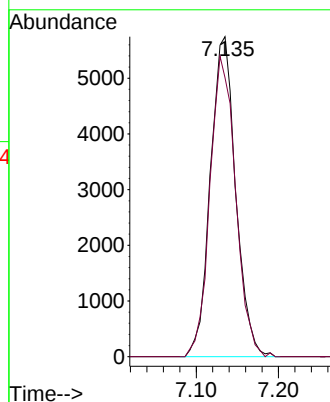
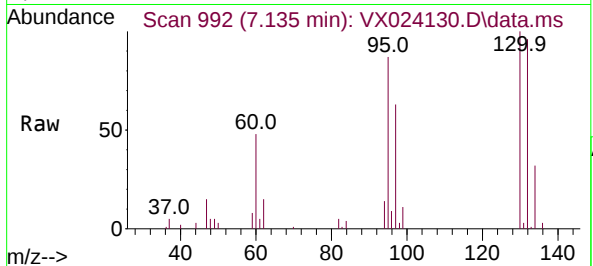




#44
Trichloroethene
Concen: 6.756 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX024130.D
Acq: 08 Sep 2021 12:09

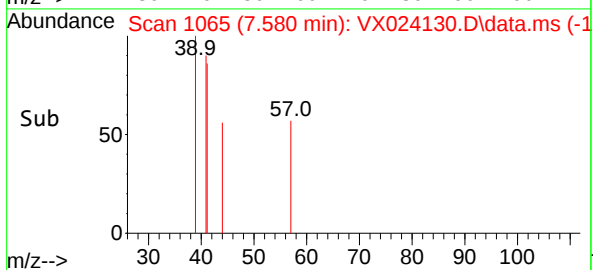
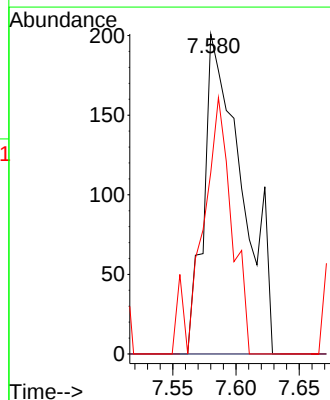
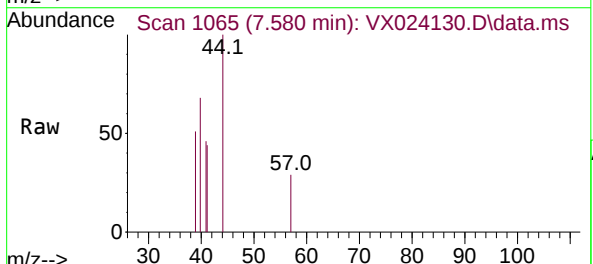
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-GW-705-707

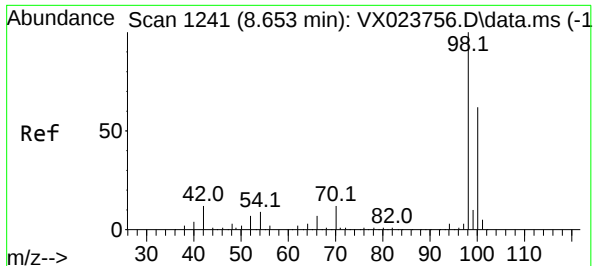
Tgt Ion:130 Resp: 12292
Ion Ratio Lower Upper
130 100
95 87.2 0.0 198.0



#48
Methyl methacrylate
Concen: 0.200 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.122 min
Lab File: VX024130.D
Acq: 08 Sep 2021 12:09

Tgt Ion: 41 Resp: 418
Ion Ratio Lower Upper
41 100
69 0.0 76.0 114.0#
39 62.0 44.6 67.0





#50

Toluene-d8

Concen: 52.616 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX024130.D

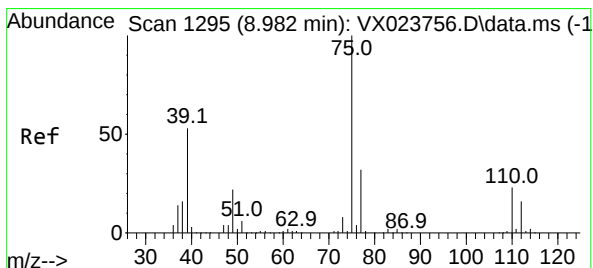
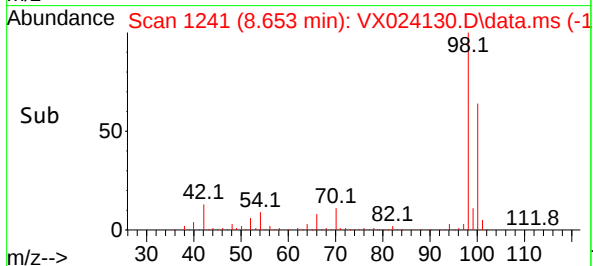
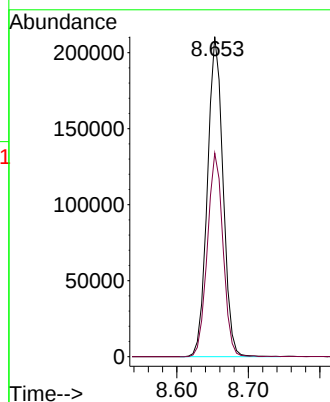
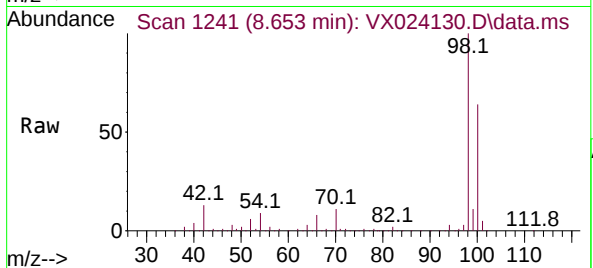
Acq: 08 Sep 2021 12:09

Tgt Ion: 98 Resp: 318813

Ion Ratio Lower Upper

98 100

100 63.8 51.9 77.9



#53

t-1,3-Dichloropropene

Concen: 2.155 ug/l

RT: 8.988 min Scan# 1296

Delta R.T. 0.006 min

Lab File: VX024130.D

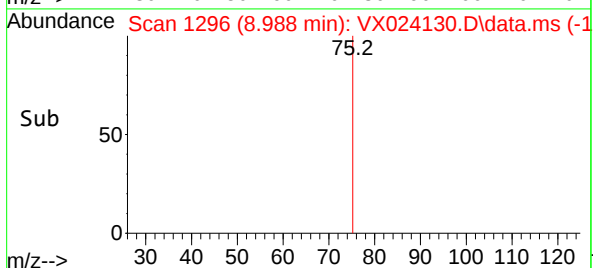
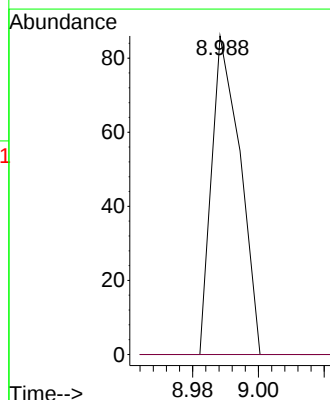
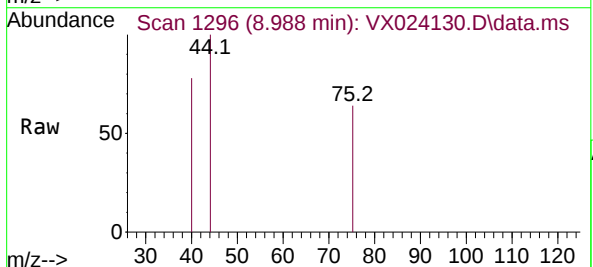
Acq: 08 Sep 2021 12:09

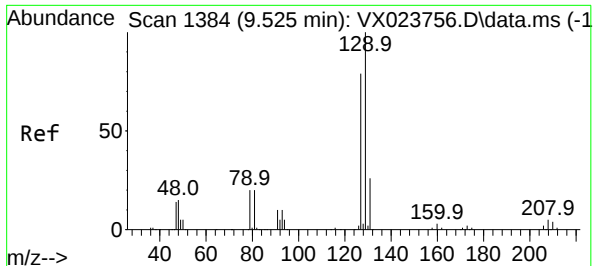
Tgt Ion: 75 Resp: 52

Ion Ratio Lower Upper

75 100

77 0.0 24.9 37.3#





#60

Dibromochloromethane

Concen: 1.728 ug/l

RT: 9.281 min Scan# 1344

Delta R.T. -0.244 min

Lab File: VX024130.D

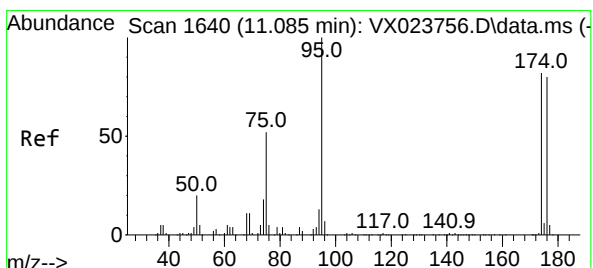
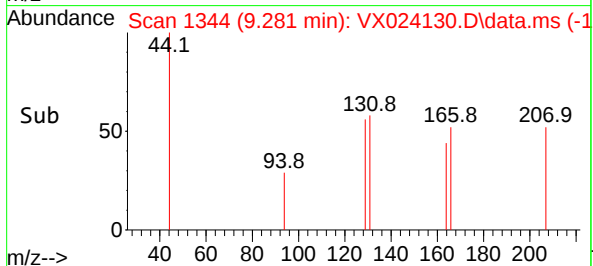
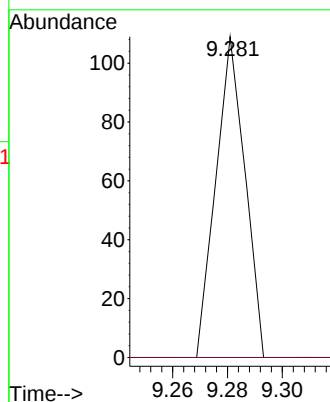
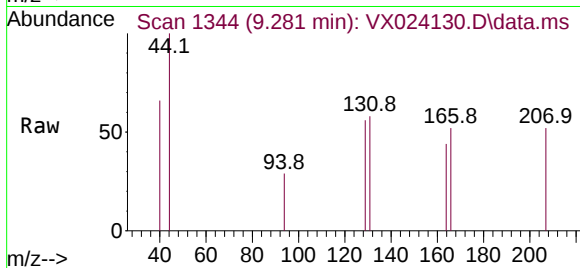
Acq: 08 Sep 2021 12:09

Tgt Ion:129 Resp: 80

Ion Ratio Lower Upper

129 100

127 0.0 38.4 115.2#



#62

4-Bromofluorobenzene

Concen: 49.873 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX024130.D

Acq: 08 Sep 2021 12:09

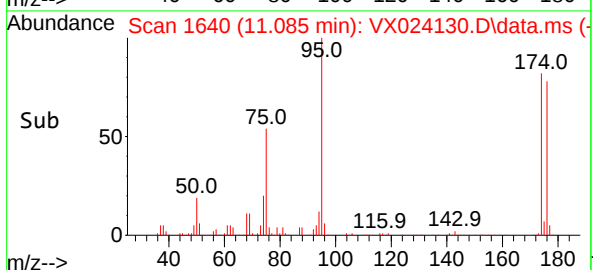
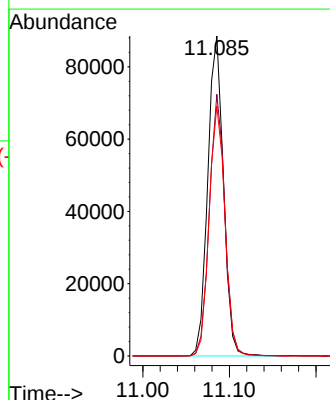
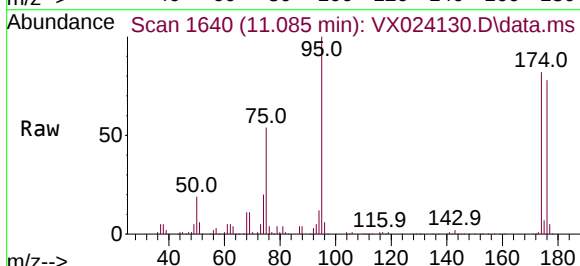
Tgt Ion: 95 Resp: 111246

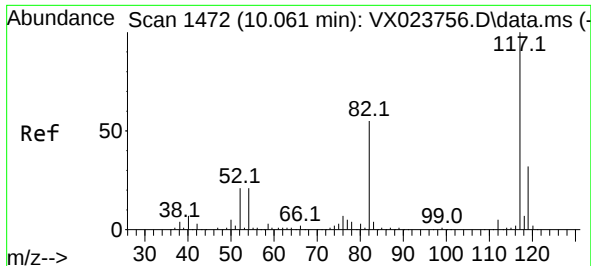
Ion Ratio Lower Upper

95 100

174 81.0 0.0 154.6

176 78.7 0.0 155.8

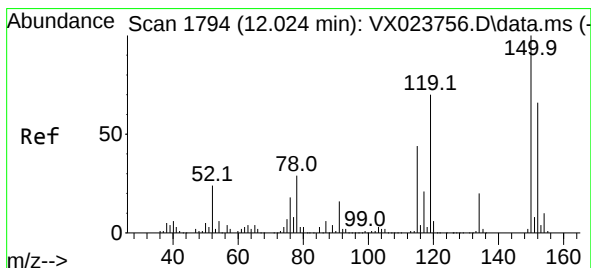
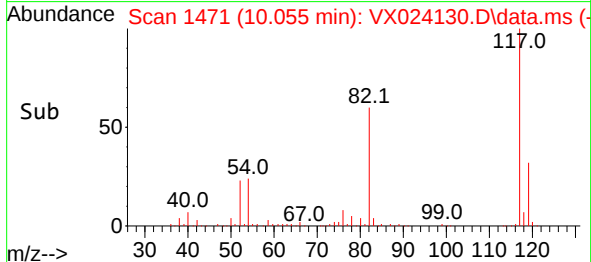
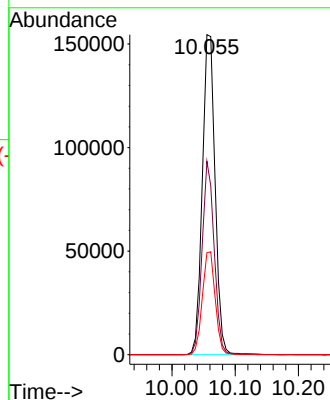
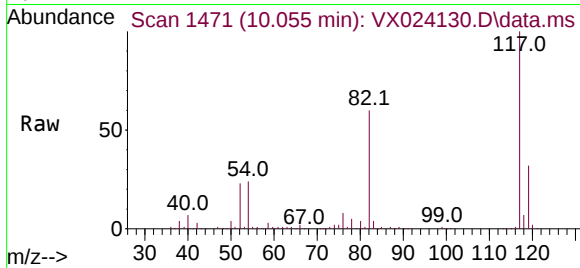




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX024130.D
Acq: 08 Sep 2021 12:09

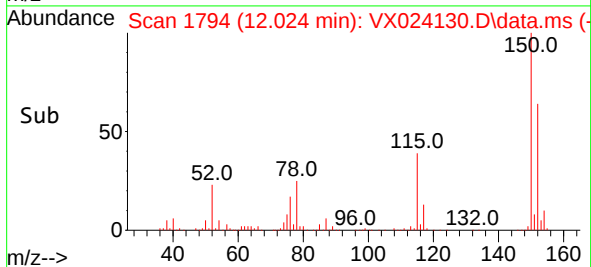
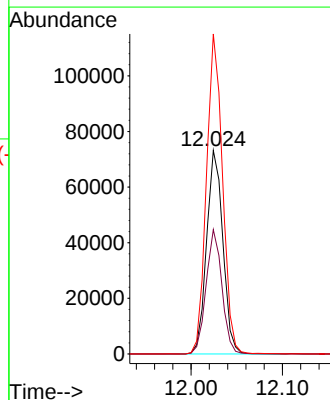
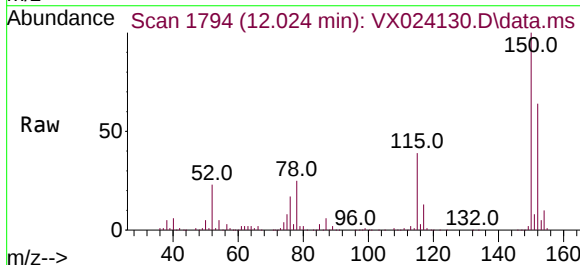
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-GW-705-707

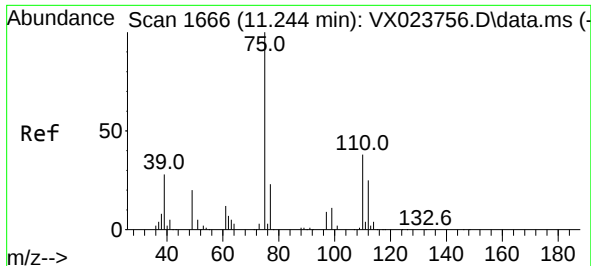
Tgt Ion:117 Resp: 217521
Ion Ratio Lower Upper
117 100
82 60.5 47.4 71.2
119 31.9 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024130.D
Acq: 08 Sep 2021 12:09

Tgt Ion:152 Resp: 90163
Ion Ratio Lower Upper
152 100
115 59.6 41.1 123.3
150 155.4 0.0 349.0

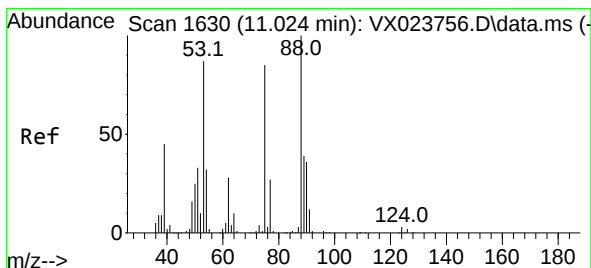
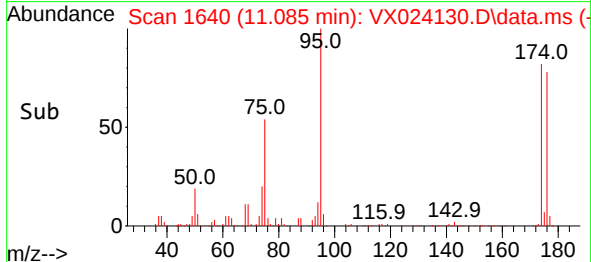
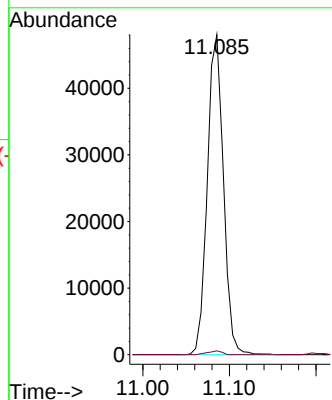
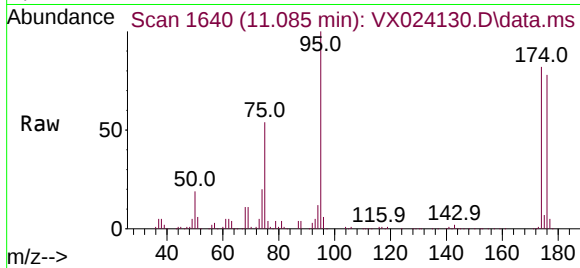




#76
1,2,3-Trichloropropane
Concen: 29.480 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024130.D
Acq: 08 Sep 2021 12:09

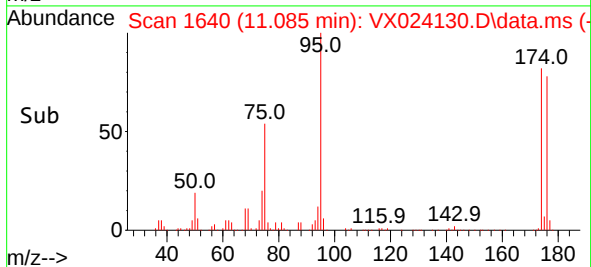
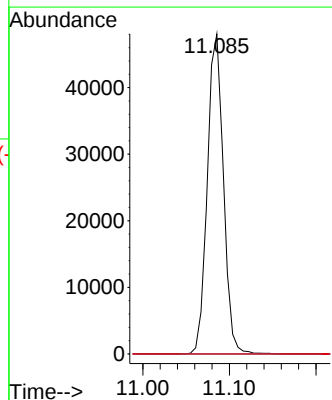
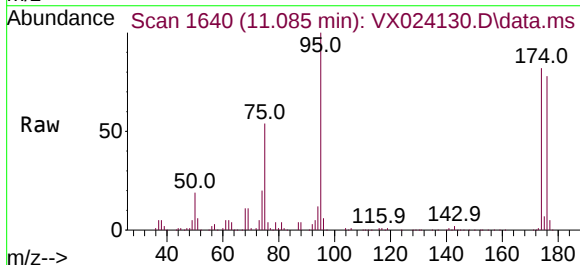
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-GW-705-707

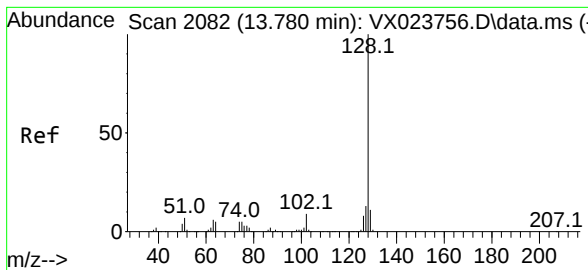
Tgt Ion: 75 Resp: 62005
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 86.718 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024130.D
Acq: 08 Sep 2021 12:09

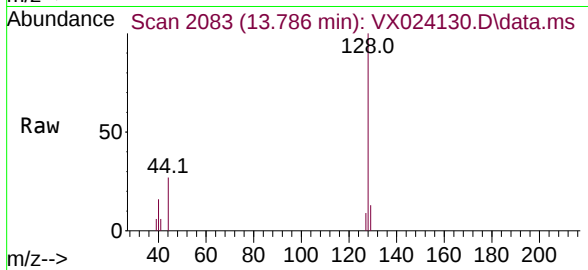
Tgt Ion: 75 Resp: 62005
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 1.444 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.006 min
Lab File: VX024130.D
Acq: 08 Sep 2021 12:09

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-GW-705-707



Tgt Ion:	128	Resp:	1091
Ion	Ratio	Lower	Upper
128	100		
127	10.8	10.3	15.5
129	6.3	8.8	13.2#

