

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091421\
 Data File : VX024211.D
 Acq On : 14 Sep 2021 16:41
 Operator : JC/MD
 Sample : M3729-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-VPB-RW7-GW-760-762

Quant Time: Sep 15 01:57:24 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)

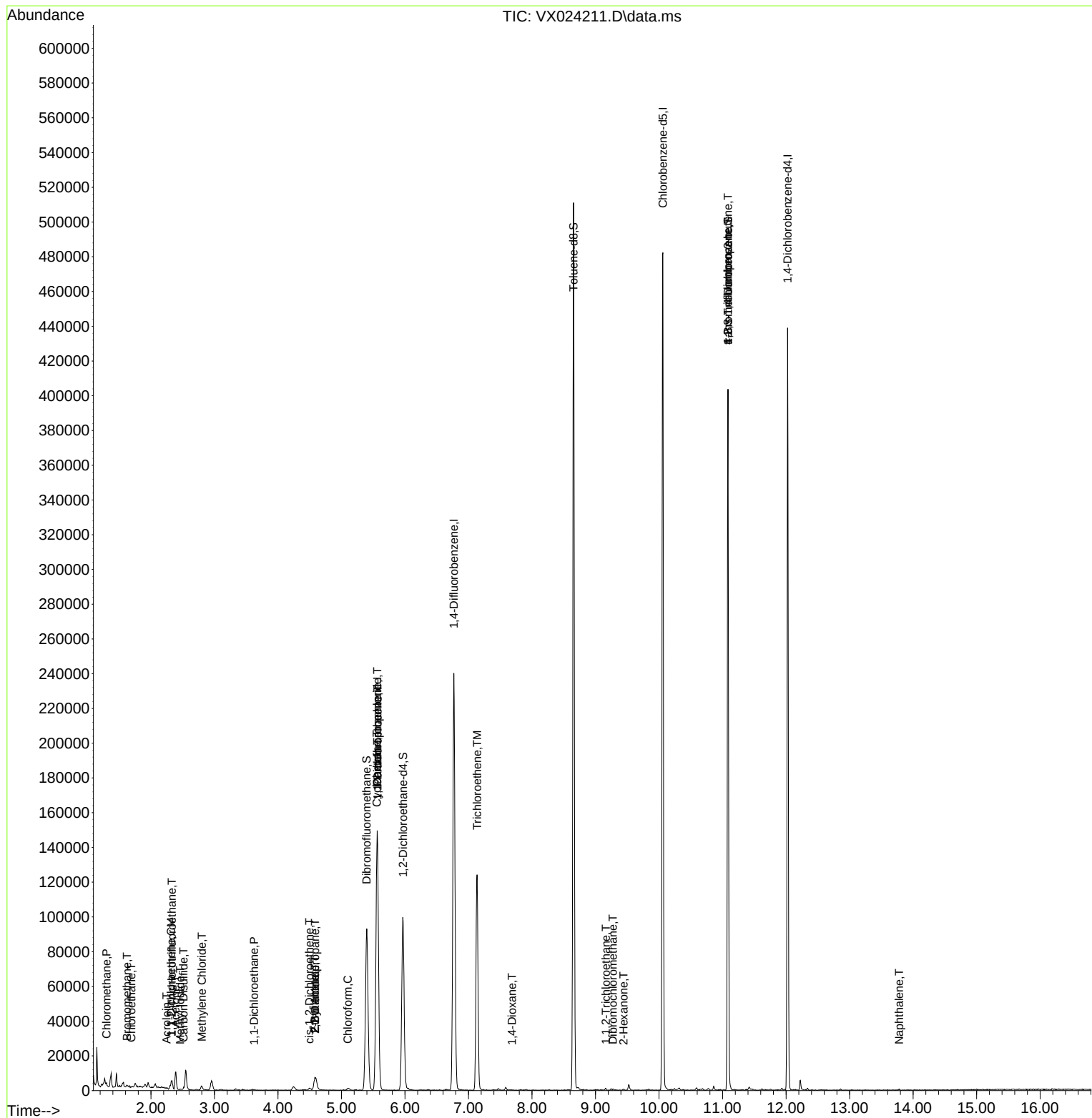
Internal Standards						
1) Pentafluorobenzene	5.562	168	137415	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	235422	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	218907	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	87873	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	101440	51.768	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 103.540%	
35) Dibromofluoromethane	5.397	113	78787	49.902	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.800%	
50) Toluene-d8	8.653	98	288280	50.121	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.240%	
62) 4-Bromofluorobenzene	11.085	95	103940	46.436	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 92.880%	
Target Compounds						Qvalue
3) Chloromethane	1.300	50	1017	0.737	ug/l	97
5) Bromomethane	1.623	94	691	0.846	ug/l #	66
6) Chloroethane	1.691	64	449	2.386	ug/l #	85
9) 1,1,2-Trichlorotrifluo...	2.331	101	1084	0.801	ug/l	94
10) Methyl Iodide	2.459	142	786	0.420	ug/l #	90
11) Tert butyl alcohol	2.953	59	3534	Below Cal	#	73
12) 1,1-Dichloroethene	2.318	96	1107	0.874	ug/l #	93
13) Acrolein	2.245	56	128	0.991	ug/l #	71
16) Acetone	2.386	43	11432	13.683	ug/l	88
17) Carbon Disulfide	2.514	76	1541	0.485	ug/l #	84
20) Methylene Chloride	2.800	84	1083	0.675	ug/l #	82
24) 1,1-Dichloroethane	3.623	63	571	0.215	ug/l #	81
25) 2-Butanone	4.580	43	2818	2.290	ug/l #	82
26) 2,2-Dichloropropane	4.586	77	527	0.227	ug/l #	52
27) cis-1,2-Dichloroethene	4.495	96	402	0.251	ug/l	11
30) Chloroform	5.098	83	1410	0.500	ug/l #	68
31) Cyclohexane	5.556	56	3167	1.382	ug/l #	46
36) 1,1-Dichloropropene	5.568	75	10931	5.050	ug/l #	46
37) Ethyl Acetate	4.580	43	2818	1.117	ug/l #	83
38) Carbon Tetrachloride	5.562	117	14731	6.047	ug/l #	15
44) Trichloroethene	7.135	130	47931	27.479	ug/l	94
49) 1,4-Dioxane	7.683	88	82	1.955	ug/l #	29
55) 1,1,2-Trichloroethane	9.165	97	384	0.222	ug/l #	79
59) 2-Hexanone	9.439	43	404	0.203	ug/l	85
60) Dibromochloromethane	9.275	129	184	1.817	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	54472	26.959	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	54472	79.286	ug/l #	12
95) Naphthalene	13.780	128	484	1.362	ug/l #	86

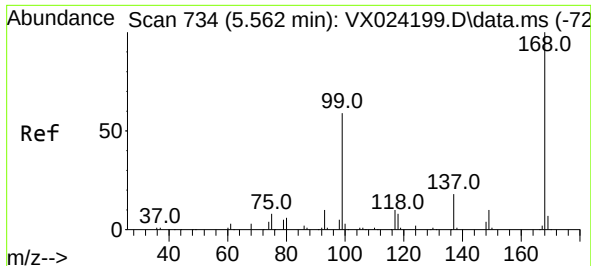
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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ClientSampleId :
BP-TT-VPB-RW7-GW-760-762

Quant Time: Sep 15 01:57:24 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

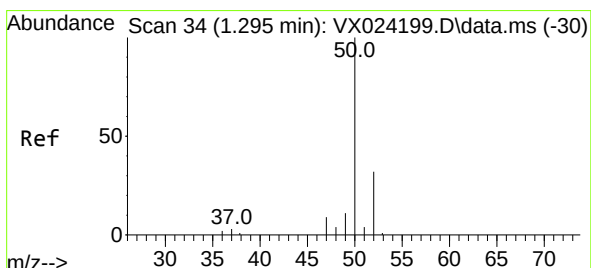
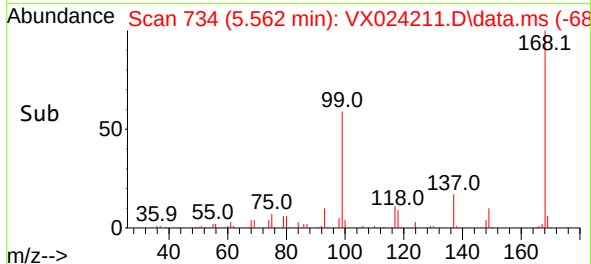
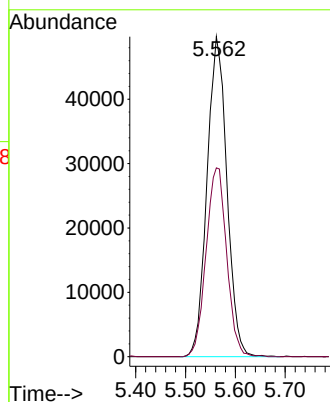
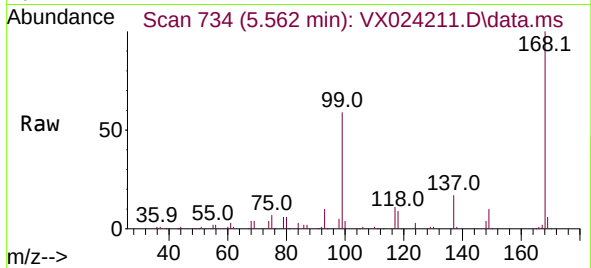




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX024211.D
Acq: 14 Sep 2021 16:41

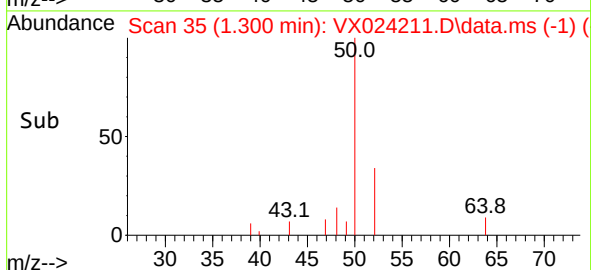
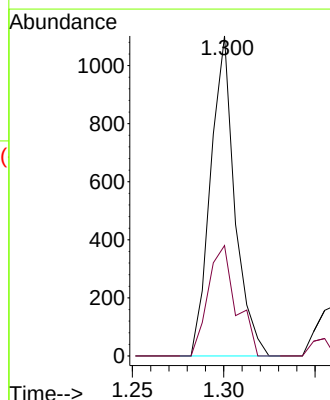
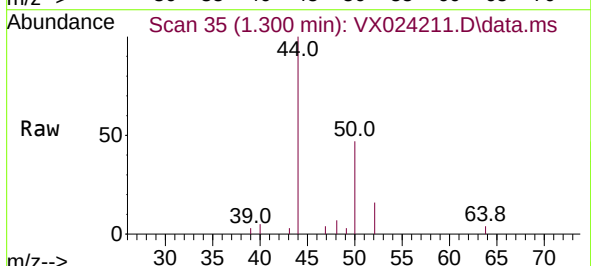
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-GW-760-762

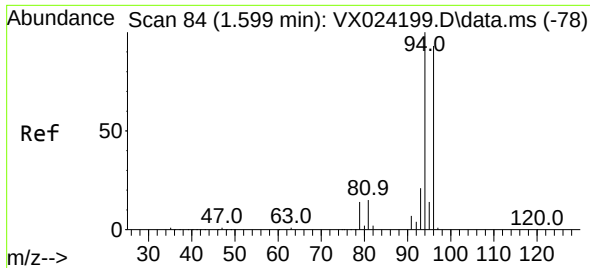
Tgt Ion:168 Resp: 137415
Ion Ratio Lower Upper
168 100
99 59.0 45.8 68.6



#3
Chloromethane
Concen: 0.737 ug/l
RT: 1.300 min Scan# 35
Delta R.T. 0.005 min
Lab File: VX024211.D
Acq: 14 Sep 2021 16:41

Tgt Ion: 50 Resp: 1017
Ion Ratio Lower Upper
50 100
52 34.5 26.4 39.6

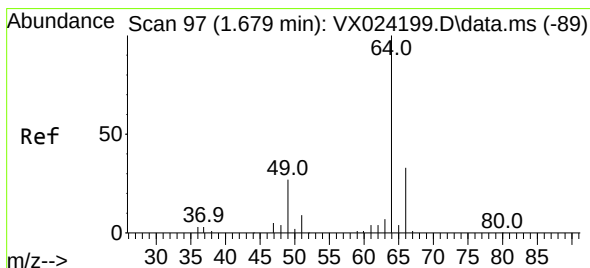
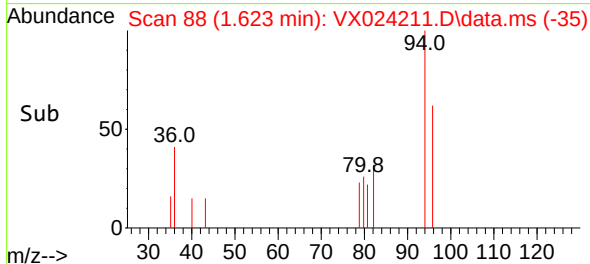
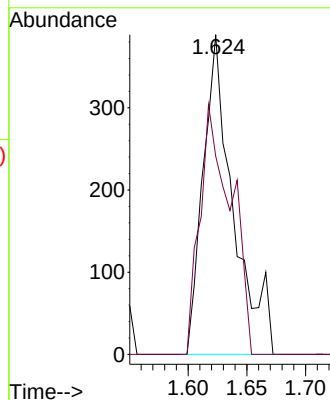
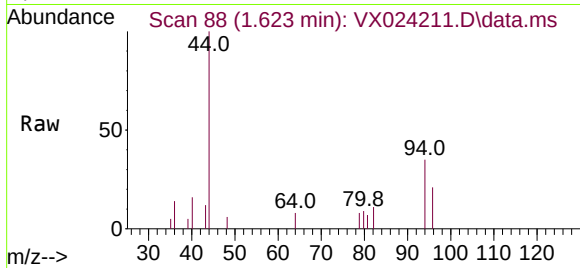




#5
Bromomethane
Concen: 0.846 ug/l
RT: 1.623 min Scan# 88
Delta R.T. 0.024 min
Lab File: VX024211.D
Acq: 14 Sep 2021 16:41

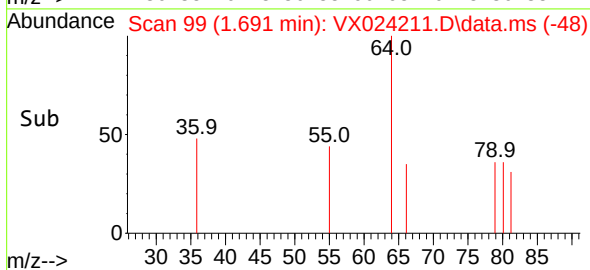
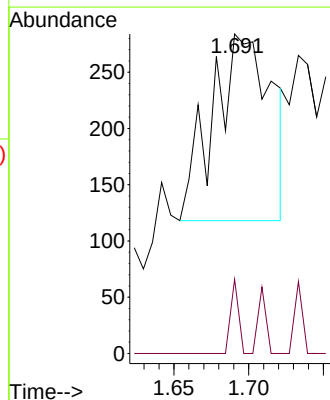
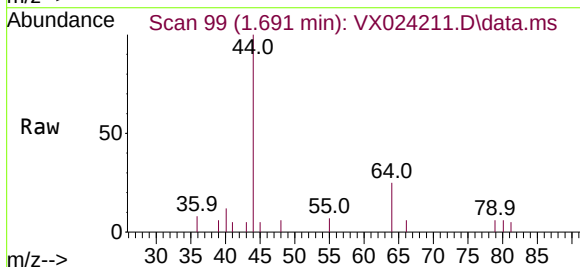
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-GW-760-762

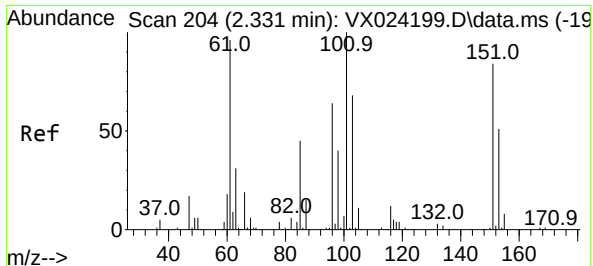
Tgt Ion: 94 Resp: 691
Ion Ratio Lower Upper
94 100
96 62.0 76.4 114.6#



#6
Chloroethane
Concen: 2.386 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.012 min
Lab File: VX024211.D
Acq: 14 Sep 2021 16:41

Tgt Ion: 64 Resp: 449
Ion Ratio Lower Upper
64 100
66 39.8 25.4 38.0#

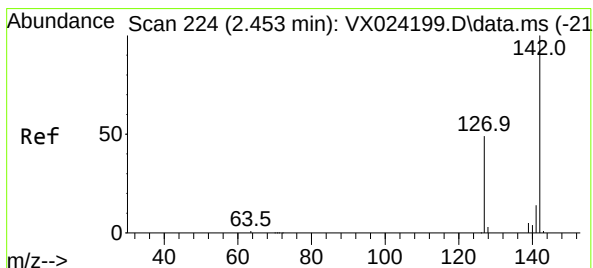
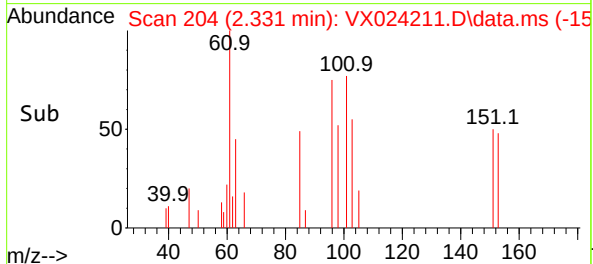
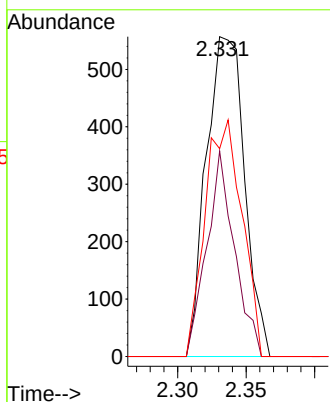
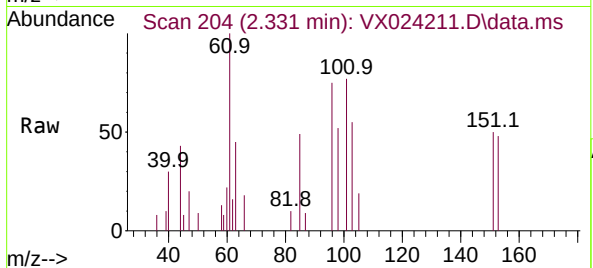




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.801 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX024211.D
Acq: 14 Sep 2021 16:41

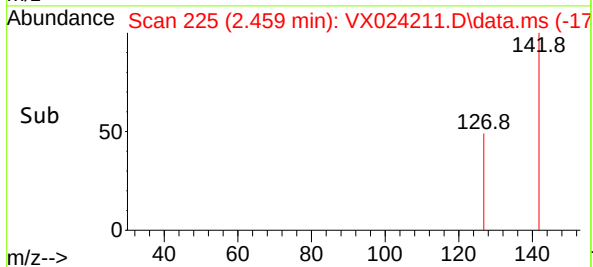
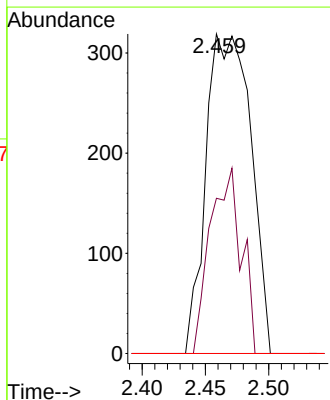
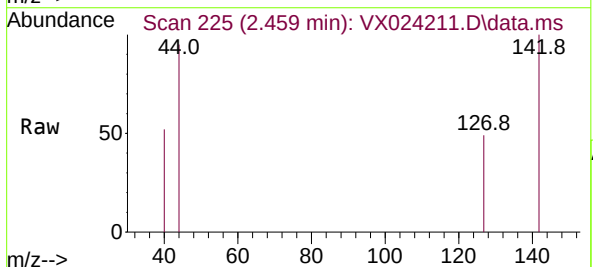
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-GW-760-762

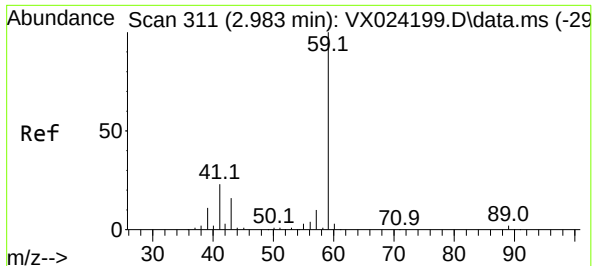
Tgt Ion:	101	Resp:	1084
Ion	Ratio	Lower	Upper
101	100		
85	46.5	34.9	52.3
151	71.2	61.4	92.2



#10
Methyl Iodide
Concen: 0.420 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX024211.D
Acq: 14 Sep 2021 16:41

Tgt Ion:	142	Resp:	786
Ion	Ratio	Lower	Upper
142	100		
127	40.5	33.3	49.9
141	0.0	11.4	17.0#



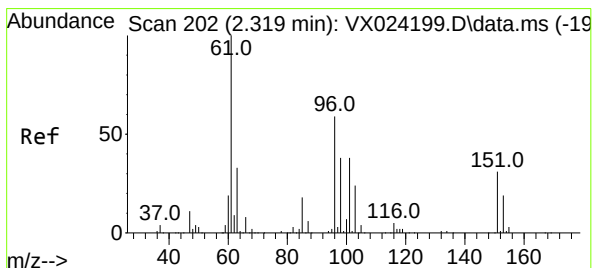
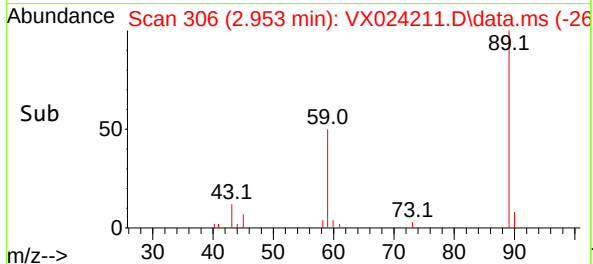
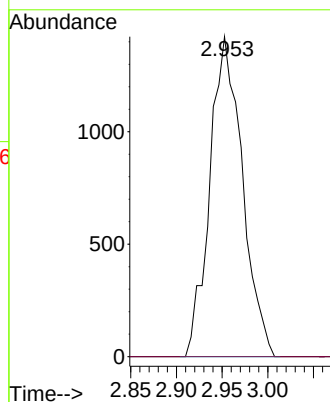
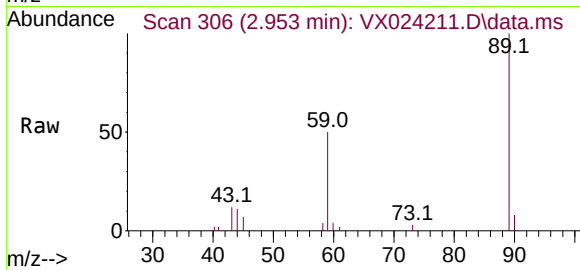


#11

Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX024211.D
Acq: 14 Sep 2021 16:41

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-GW-760-762

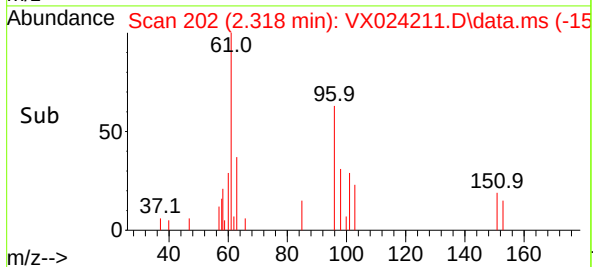
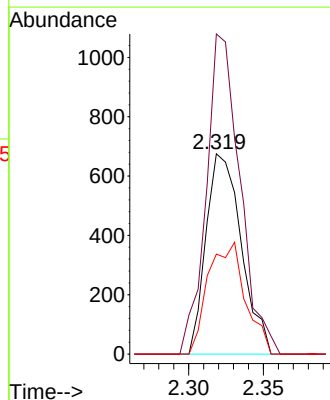
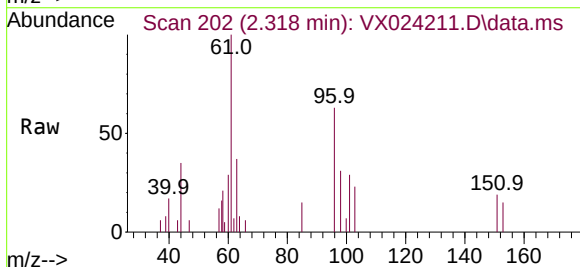
Tgt Ion: 59 Resp: 3534
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

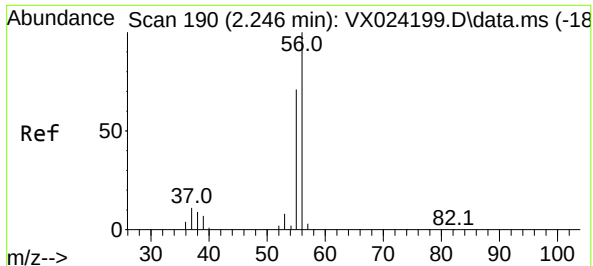


#12

1,1-Dichloroethene
Concen: 0.874 ug/l
RT: 2.318 min Scan# 202
Delta R.T. -0.001 min
Lab File: VX024211.D
Acq: 14 Sep 2021 16:41

Tgt Ion: 96 Resp: 1107
Ion Ratio Lower Upper
96 100
61 159.9 124.6 187.0
98 49.9 50.6 76.0#

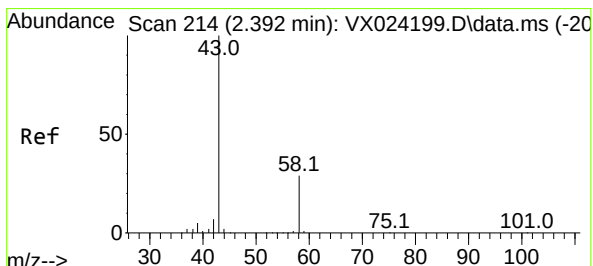
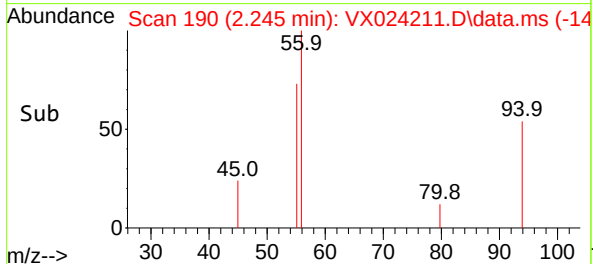
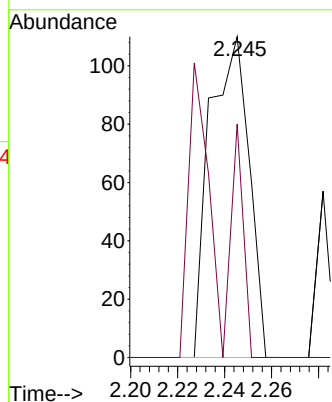
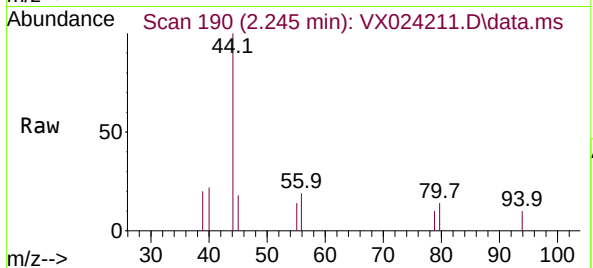




#13
Acrolein
Concen: 0.991 ug/l
RT: 2.245 min Scan# 190
Delta R.T. -0.001 min
Lab File: VX024211.D
Acq: 14 Sep 2021 16:41

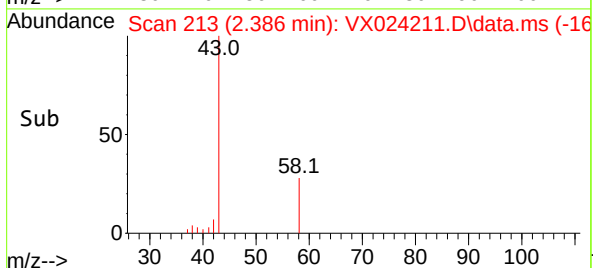
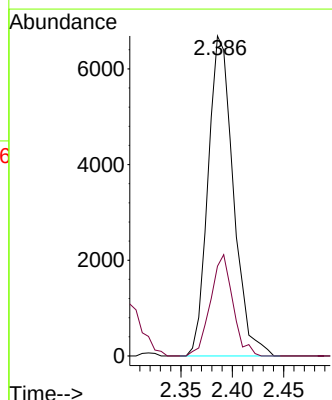
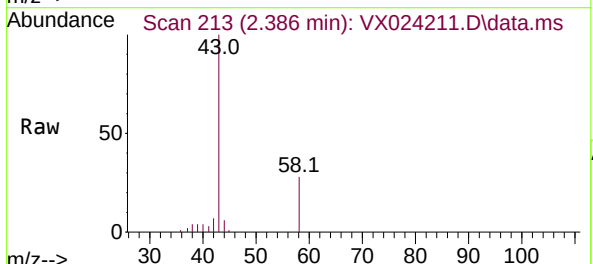
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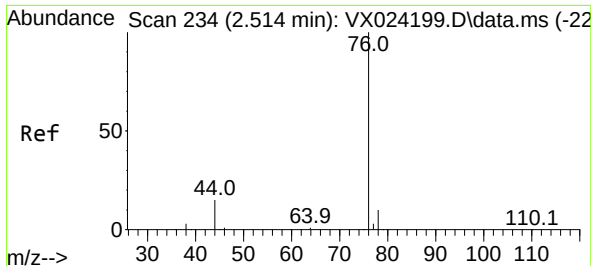
Tgt Ion: 56 Resp: 128
Ion Ratio Lower Upper
56 100
55 46.9 56.4 84.6#



#16
Acetone
Concen: 13.683 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX024211.D
Acq: 14 Sep 2021 16:41

Tgt Ion: 43 Resp: 11432
Ion Ratio Lower Upper
43 100
58 28.1 27.8 41.8

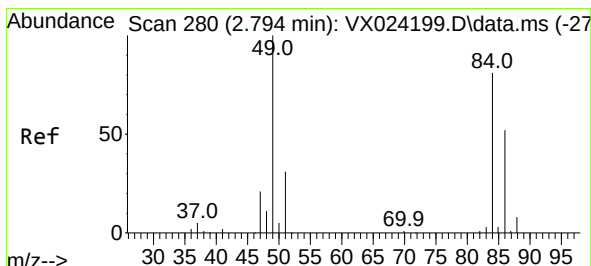
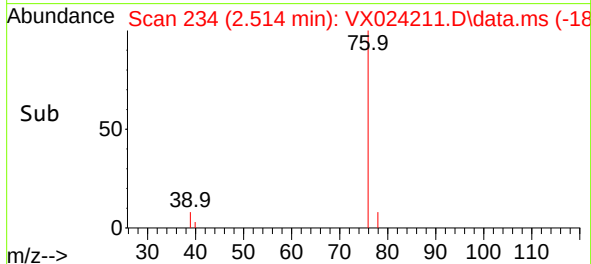
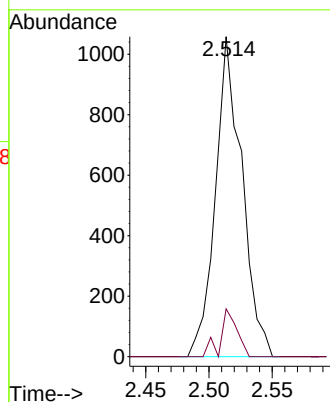
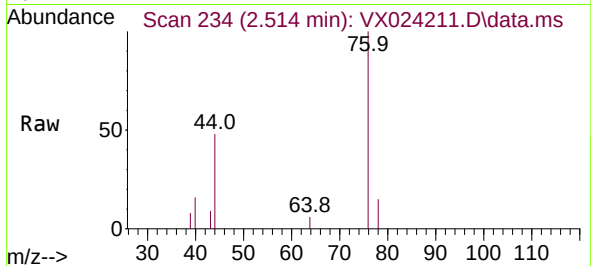




#17
Carbon Disulfide
Concen: 0.485 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX024211.D
Acq: 14 Sep 2021 16:41

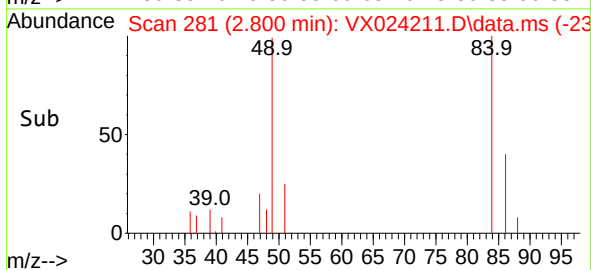
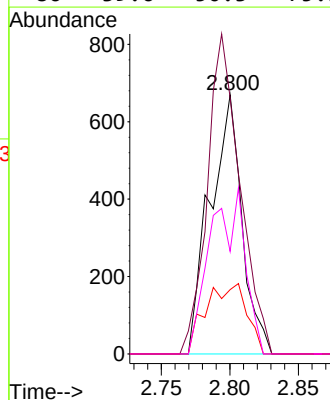
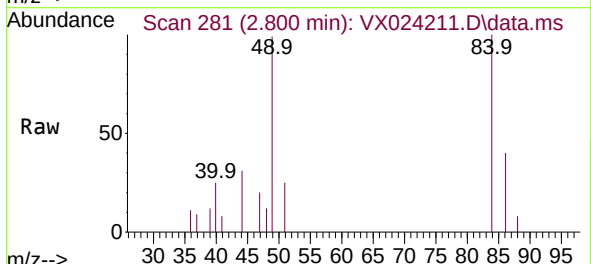
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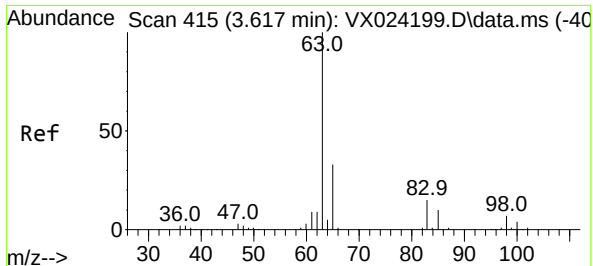
Tgt Ion: 76 Resp: 1541
Ion Ratio Lower Upper
76 100
78 14.9 7.2 10.8#



#20
Methylene Chloride
Concen: 0.675 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.006 min
Lab File: VX024211.D
Acq: 14 Sep 2021 16:41

Tgt Ion: 84 Resp: 1083
Ion Ratio Lower Upper
84 100
49 98.8 88.6 132.8
51 24.8 27.0 40.6#
86 39.6 50.3 75.5#

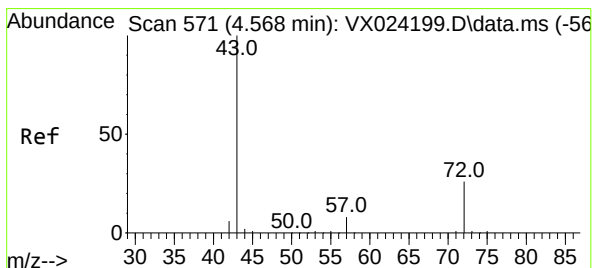
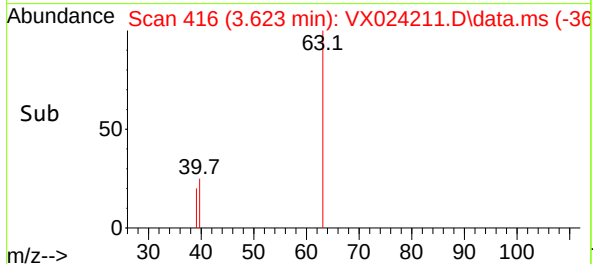
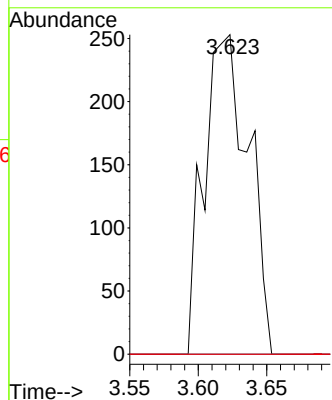
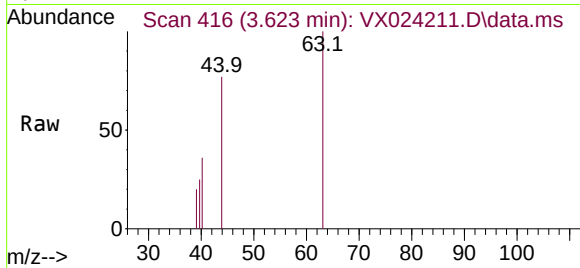




#24
1,1-Dichloroethane
Concen: 0.215 ug/l
RT: 3.623 min Scan# 416
Delta R.T. 0.006 min
Lab File: VX024211.D
Acq: 14 Sep 2021 16:41

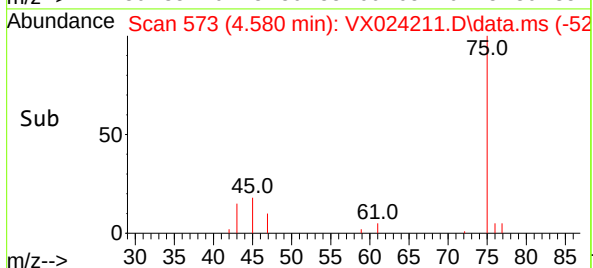
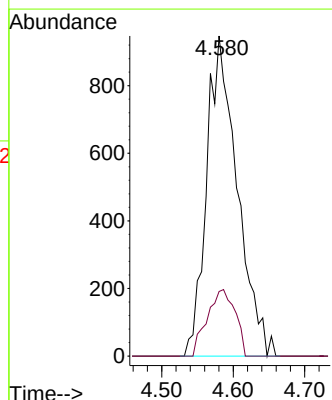
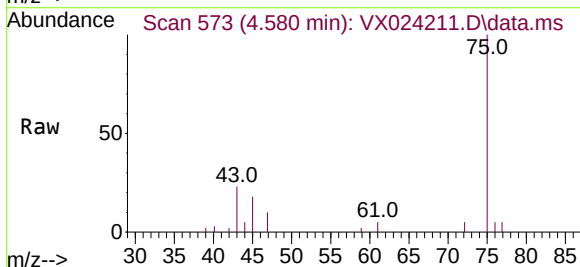
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-GW-760-762

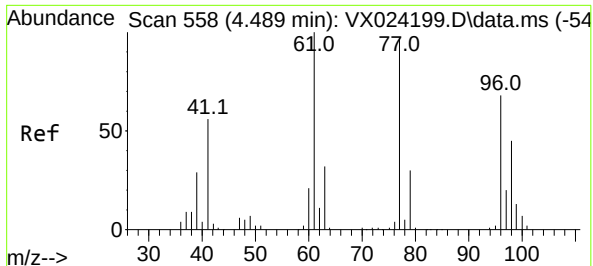
Tgt Ion: 63 Resp: 571
Ion Ratio Lower Upper
63 100
98 0.0 3.8 11.2#
100 0.0 2.5 7.5#



#25
2-Butanone
Concen: 2.290 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.012 min
Lab File: VX024211.D
Acq: 14 Sep 2021 16:41

Tgt Ion: 43 Resp: 2818
Ion Ratio Lower Upper
43 100
72 20.2 23.7 35.5#

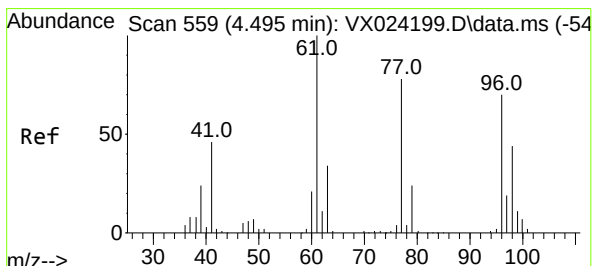
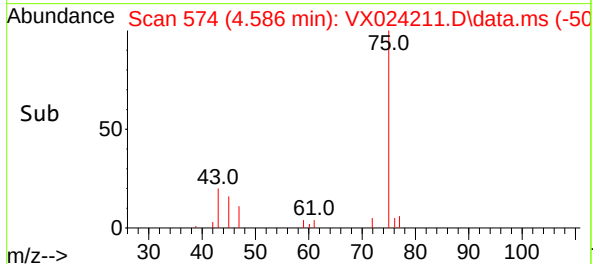
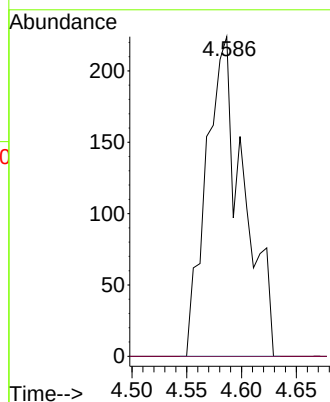
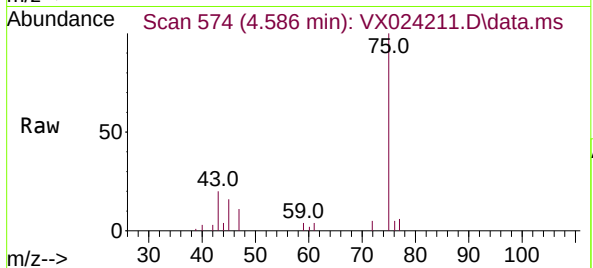




#26
2,2-Dichloropropane
Concen: 0.227 ug/l
RT: 4.586 min Scan# 574
Delta R.T. 0.097 min
Lab File: VX024211.D
Acq: 14 Sep 2021 16:41

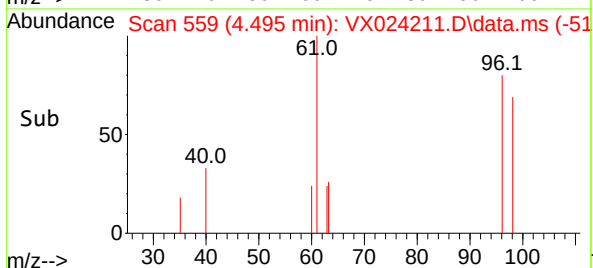
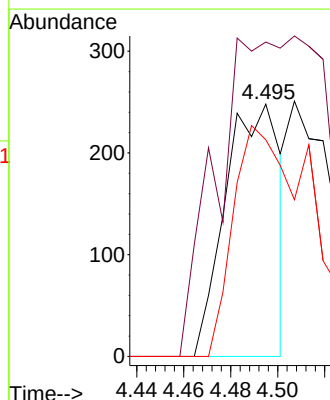
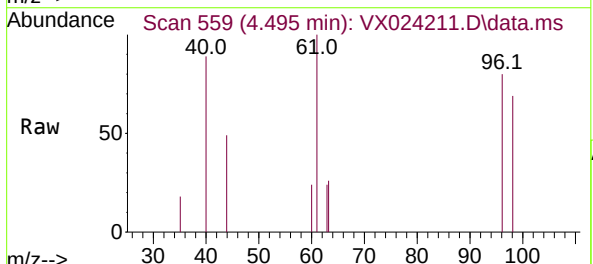
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-GW-760-762

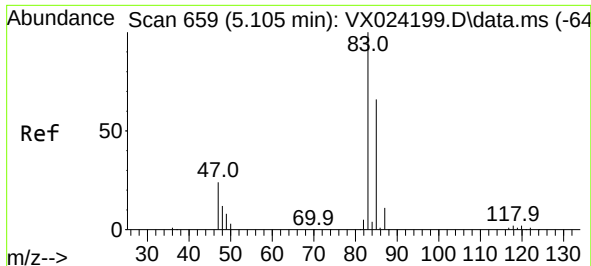
Tgt Ion: 77 Resp: 527
Ion Ratio Lower Upper
77 100
97 0.0 11.7 35.1#



#27
cis-1,2-Dichloroethene
Concen: 0.251 ug/l
RT: 4.495 min Scan# 559
Delta R.T. -0.000 min
Lab File: VX024211.D
Acq: 14 Sep 2021 16:41

Tgt Ion: 96 Resp: 402
Ion Ratio Lower Upper
96 100
61 259.0 0.0 285.6
98 126.6 0.0 129.6





#30

Chloroform

Concen: 0.500 ug/l

RT: 5.098 min Scan# 658

Delta R.T. -0.007 min

Lab File: VX024211.D

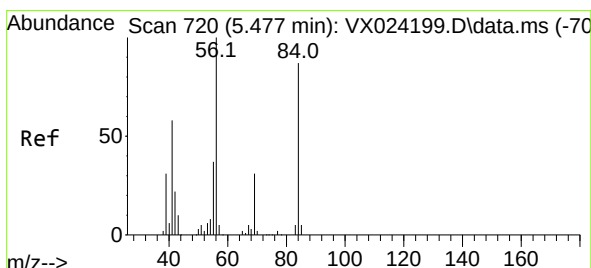
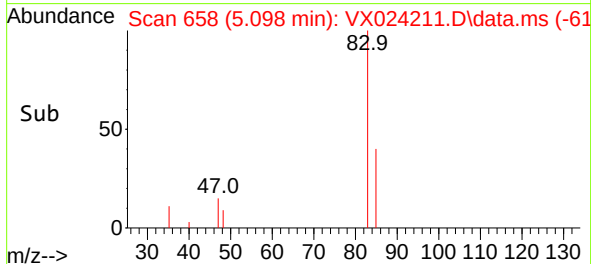
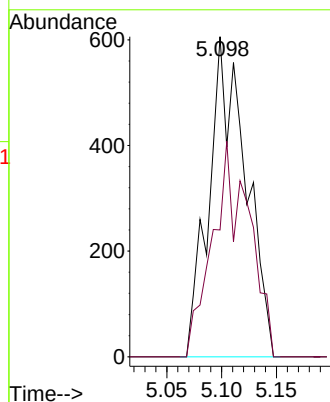
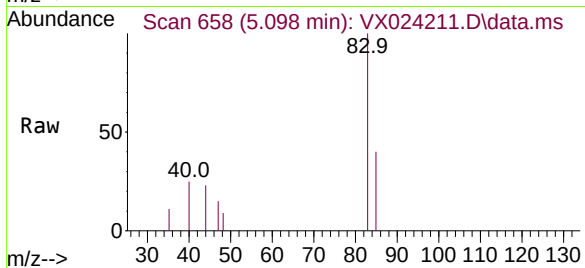
Acq: 14 Sep 2021 16:41

Tgt Ion: 83 Resp: 1410

Ion Ratio Lower Upper

83 100

85 39.6 52.0 78.0#



#31

Cyclohexane

Concen: 1.382 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.079 min

Lab File: VX024211.D

Acq: 14 Sep 2021 16:41

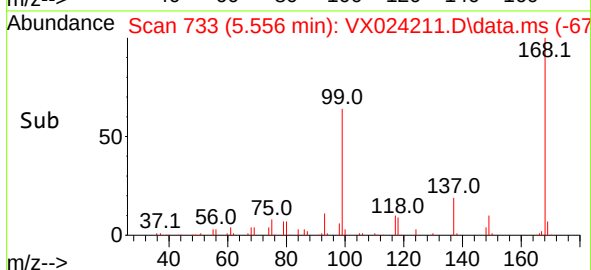
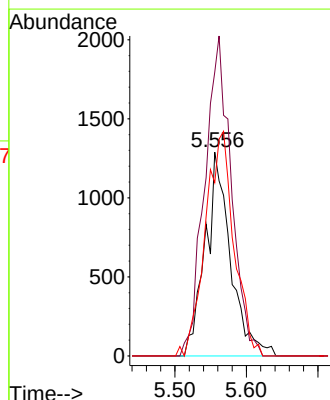
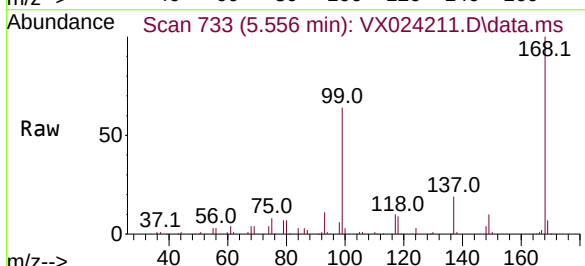
Tgt Ion: 56 Resp: 3167

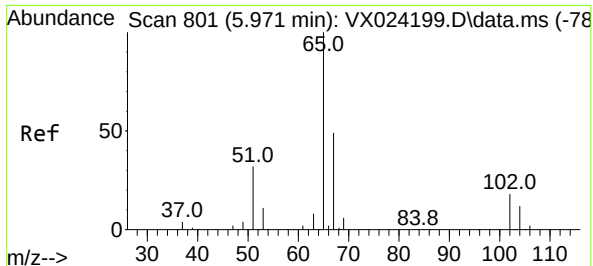
Ion Ratio Lower Upper

56 100

69 139.3 25.3 37.9#

84 85.0 71.4 107.0





#33

1,2-Dichloroethane-d4

Concen: 51.768 ug/l

RT: 5.970 min Scan# 801

Delta R.T. -0.001 min

Lab File: VX024211.D

Acq: 14 Sep 2021 16:41

Tgt Ion: 65 Resp: 101440

Ion Ratio Lower Upper

65 100

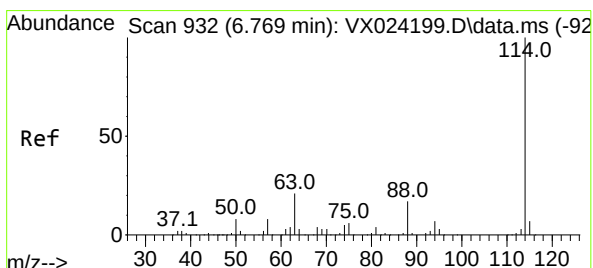
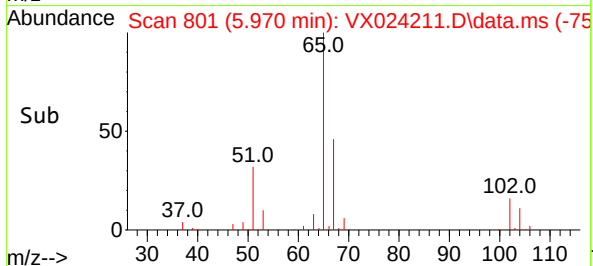
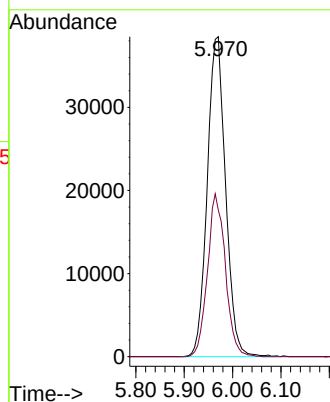
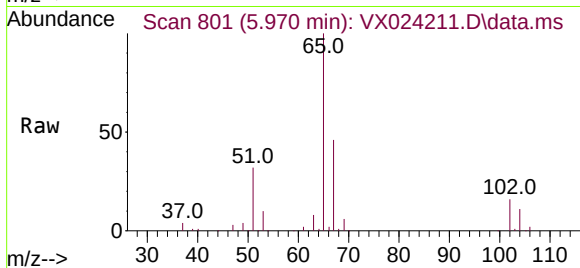
67 49.6 0.0 105.4

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-VPB-RW7-GW-760-762



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. -0.000 min

Lab File: VX024211.D

Acq: 14 Sep 2021 16:41

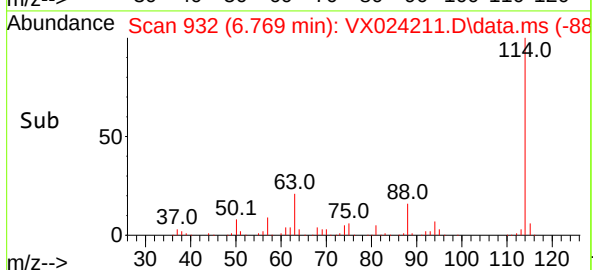
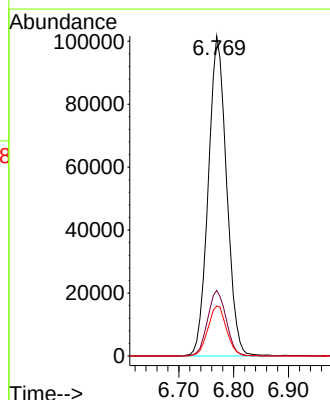
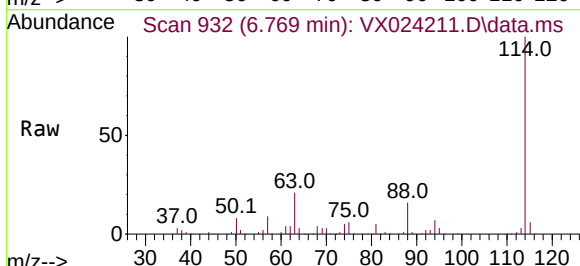
Tgt Ion: 114 Resp: 235422

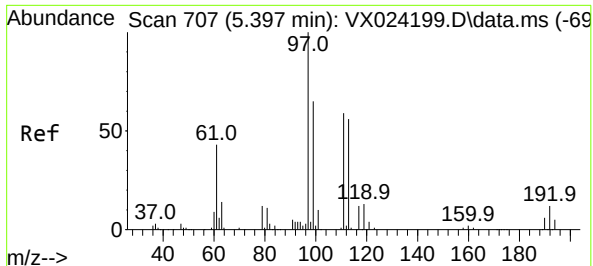
Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.8

88 15.6 0.0 32.8





#35

Dibromofluoromethane

Concen: 49.902 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX024211.D

Acq: 14 Sep 2021 16:41

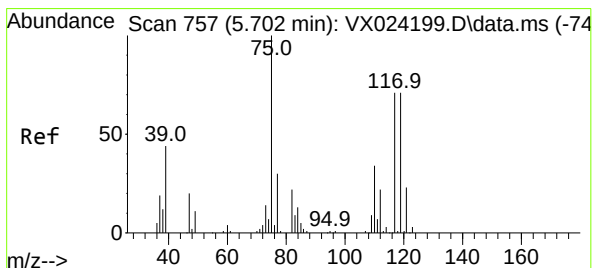
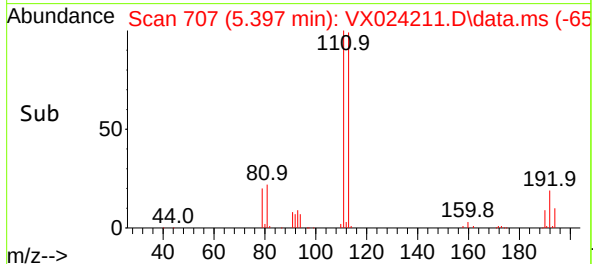
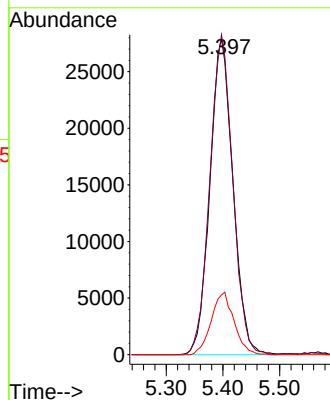
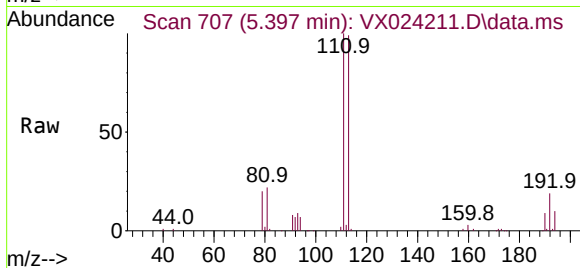
Tgt Ion:113 Resp: 78787

Ion Ratio Lower Upper

113 100

111 100.9 81.9 122.9

192 19.5 16.7 25.1



#36

1,1-Dichloropropene

Concen: 5.050 ug/l

RT: 5.568 min Scan# 735

Delta R.T. -0.134 min

Lab File: VX024211.D

Acq: 14 Sep 2021 16:41

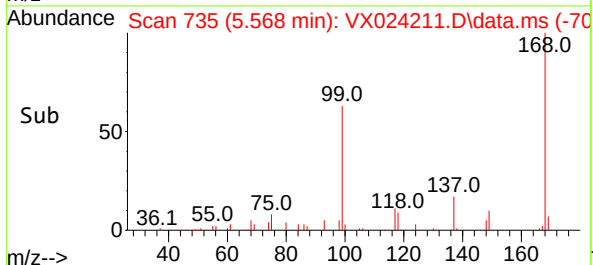
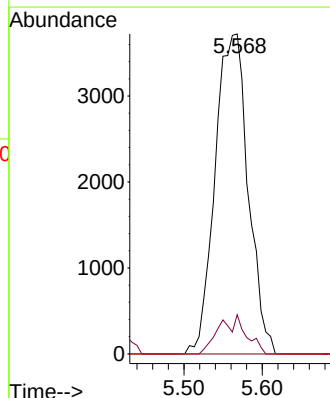
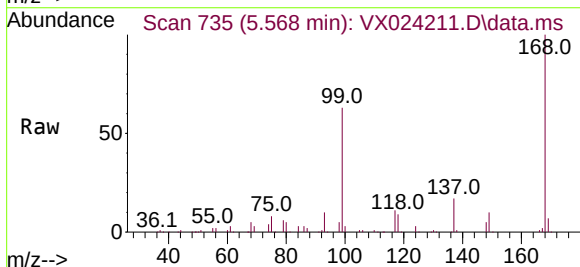
Tgt Ion: 75 Resp: 10931

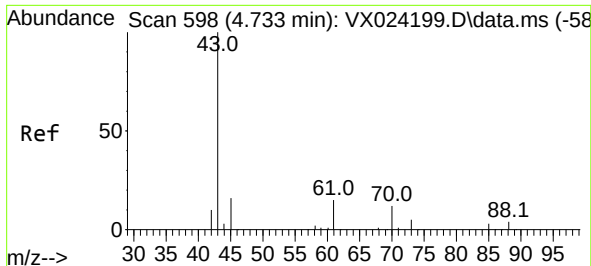
Ion Ratio Lower Upper

75 100

110 5.5 18.1 54.4#

77 0.0 25.3 37.9#





#37

Ethyl Acetate

Concen: 1.117 ug/l

RT: 4.580 min Scan# 573

Delta R.T. -0.153 min

Lab File: VX024211.D

Acq: 14 Sep 2021 16:41

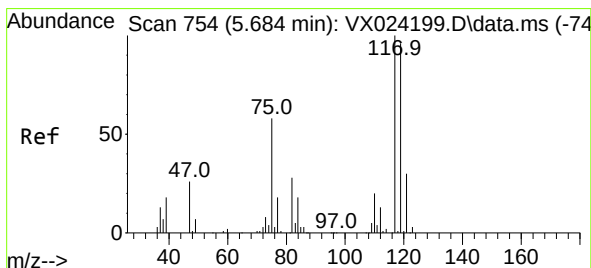
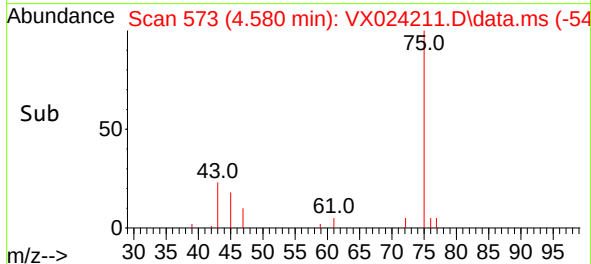
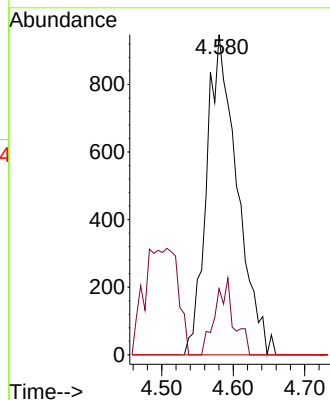
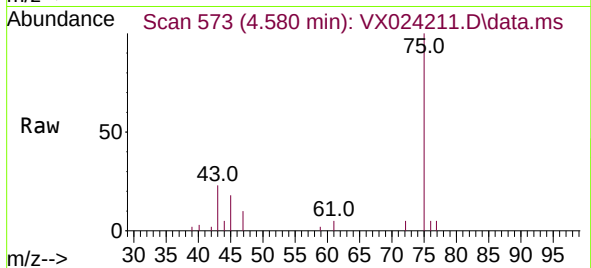
Instrument :

MSVOA_X

ClientSampleId :

BP-TT-VPB-RW7-GW-760-762

Tgt Ion: 43	Resp: 2818
Ion Ratio	Lower Upper
43 100	
61 14.6	12.8 19.2
70 0.0	10.5 15.7#



#38

Carbon Tetrachloride

Concen: 6.047 ug/l

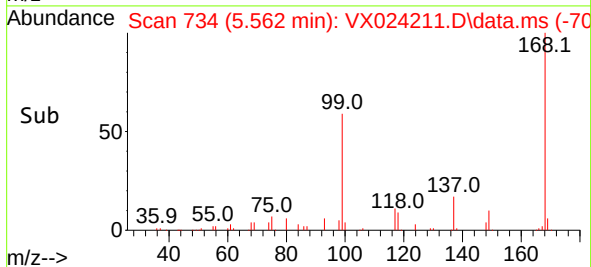
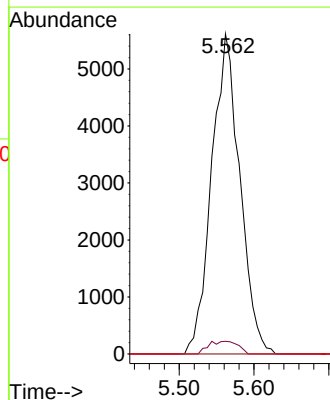
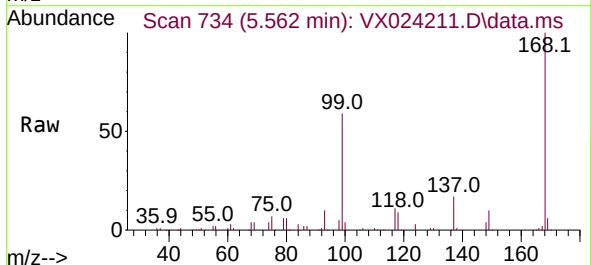
RT: 5.562 min Scan# 734

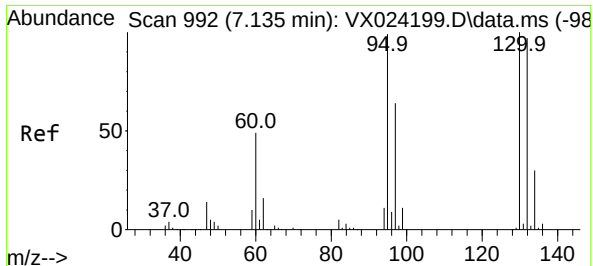
Delta R.T. -0.122 min

Lab File: VX024211.D

Acq: 14 Sep 2021 16:41

Tgt Ion: 117	Resp: 14731
Ion Ratio	Lower Upper
117 100	
119 4.0	76.2 114.2#
121 0.0	24.8 37.2#

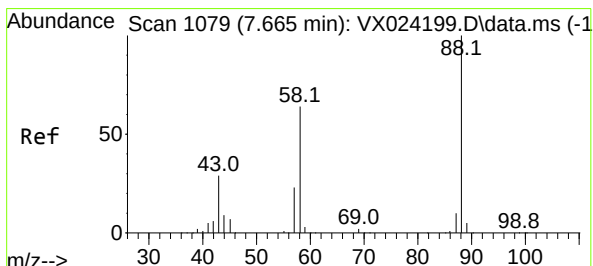
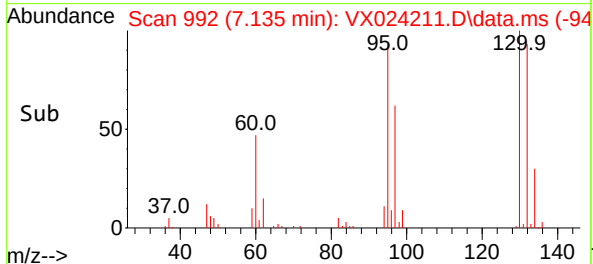
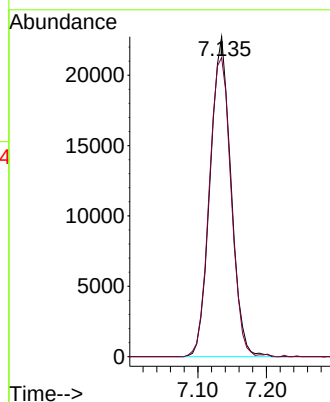
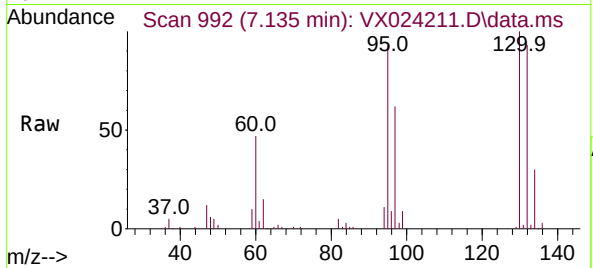




#44
Trichloroethene
Concen: 27.479 ug/l
RT: 7.135 min Scan# 992
Delta R.T. -0.000 min
Lab File: VX024211.D
Acq: 14 Sep 2021 16:41

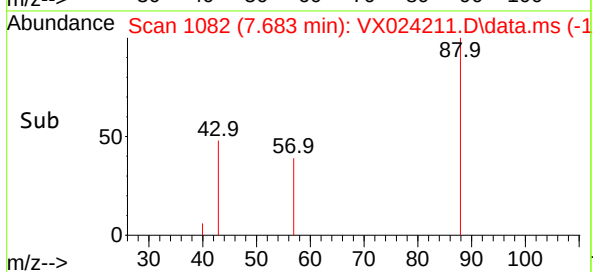
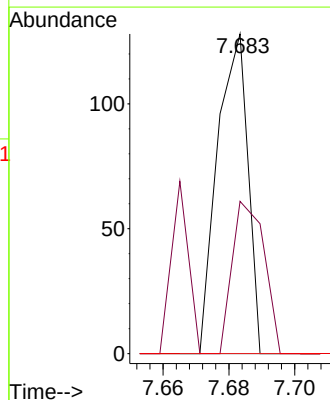
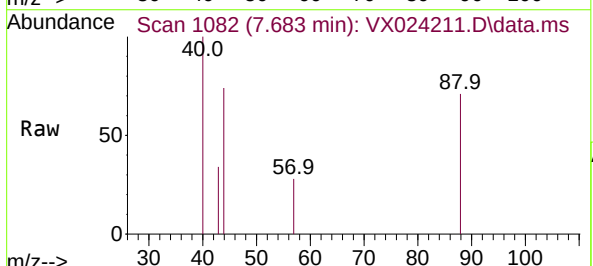
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-GW-760-762

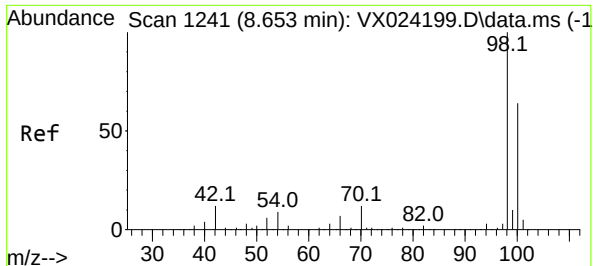
Tgt Ion:130 Resp: 47931
Ion Ratio Lower Upper
130 100
95 93.5 0.0 198.0



#49
1,4-Dioxane
Concen: 1.955 ug/l
RT: 7.683 min Scan# 1082
Delta R.T. 0.018 min
Lab File: VX024211.D
Acq: 14 Sep 2021 16:41

Tgt Ion: 88 Resp: 82
Ion Ratio Lower Upper
88 100
43 50.0 23.2 34.8#
58 0.0 55.0 82.4#

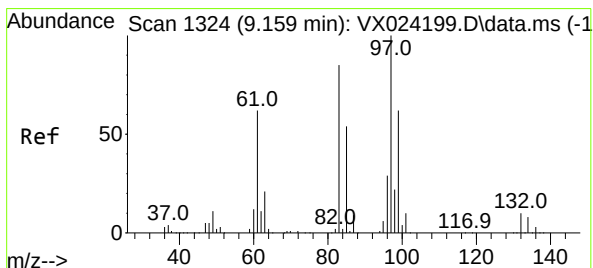
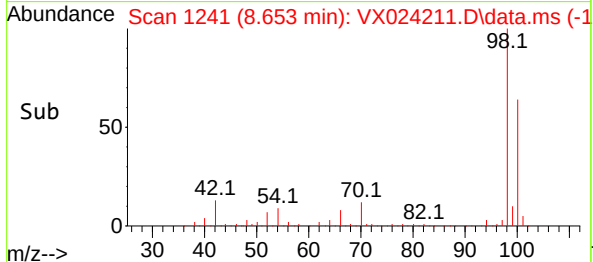
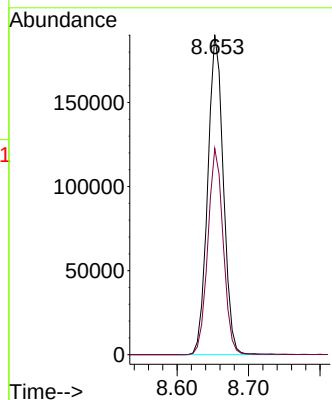
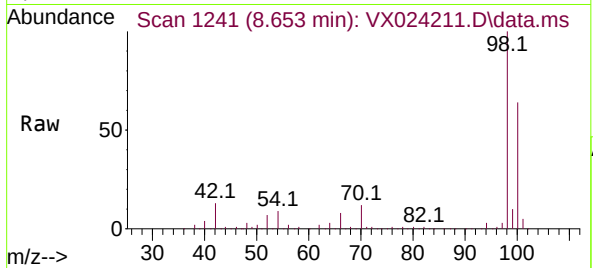




#50
Toluene-d8
Concen: 50.121 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024211.D
Acq: 14 Sep 2021 16:41

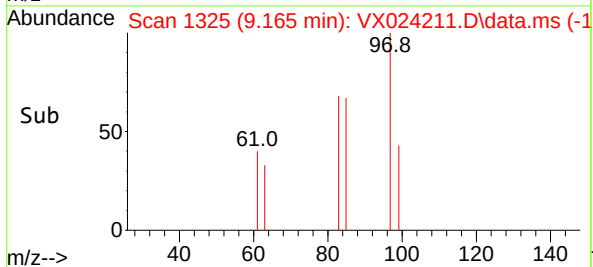
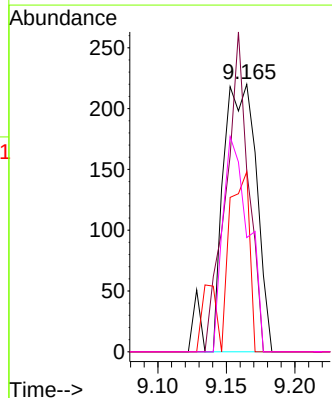
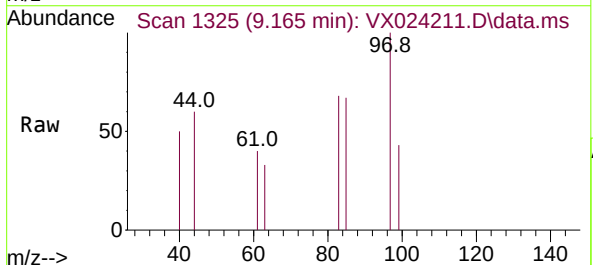
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-GW-760-762

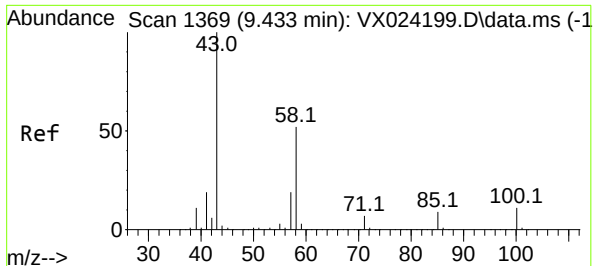
Tgt Ion: 98 Resp: 288280
Ion Ratio Lower Upper
98 100
100 63.5 51.9 77.9



#55
1,1,2-Trichloroethane
Concen: 0.222 ug/l
RT: 9.165 min Scan# 1325
Delta R.T. 0.006 min
Lab File: VX024211.D
Acq: 14 Sep 2021 16:41

Tgt Ion: 97 Resp: 384
Ion Ratio Lower Upper
97 100
83 67.7 69.3 103.9#
85 67.3 44.3 66.5#
99 42.7 50.3 75.5#

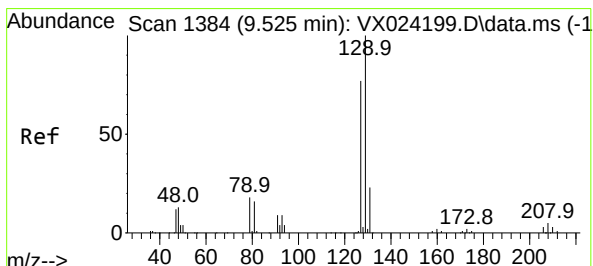
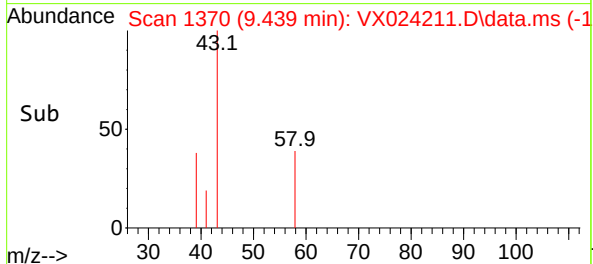
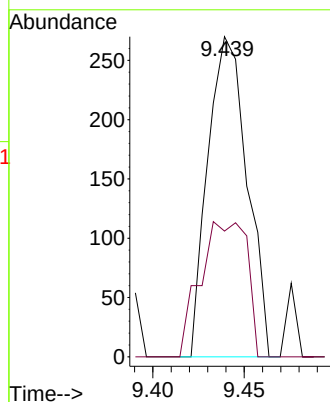
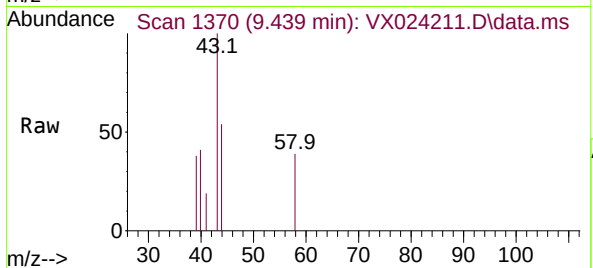




#59
2-Hexanone
Concen: 0.203 ug/l
RT: 9.439 min Scan# 1370
Delta R.T. 0.006 min
Lab File: VX024211.D
Acq: 14 Sep 2021 16:41

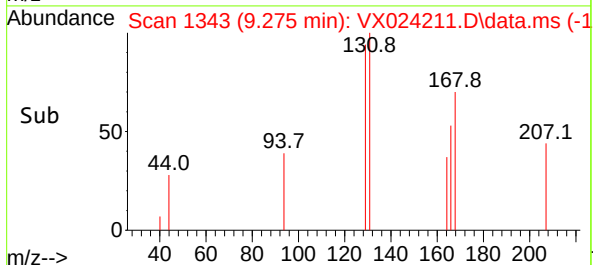
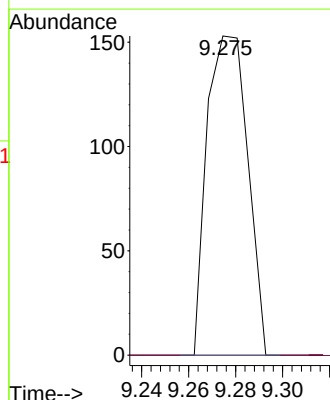
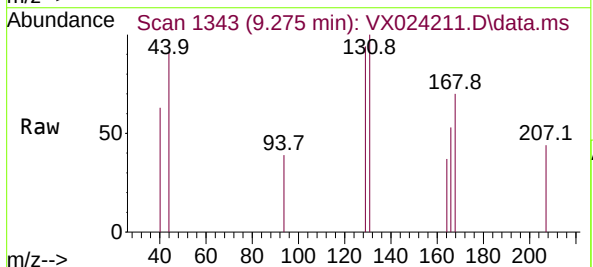
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-GW-760-762

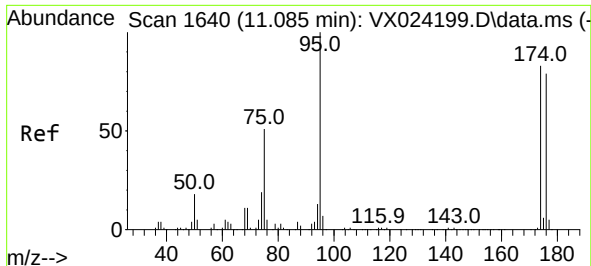
Tgt Ion: 43 Resp: 404
Ion Ratio Lower Upper
43 100
58 50.2 30.9 92.8



#60
Dibromochloromethane
Concen: 1.817 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX024211.D
Acq: 14 Sep 2021 16:41

Tgt Ion:129 Resp: 184
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

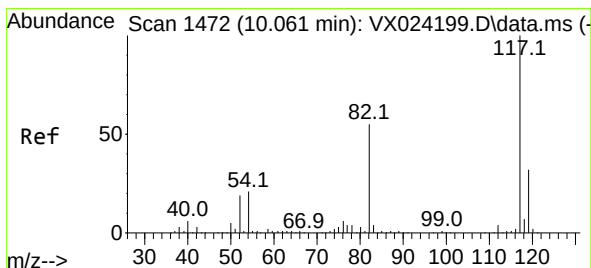
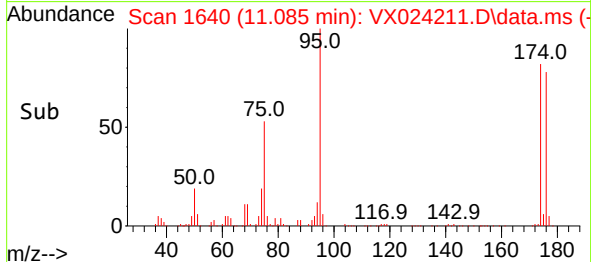
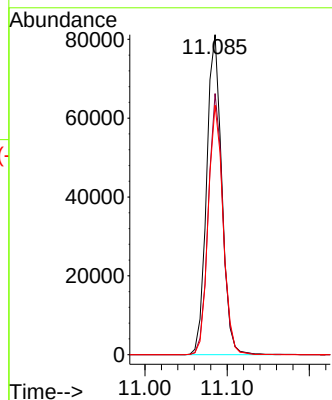
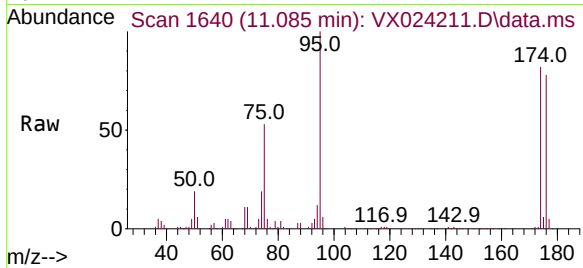




#62
4-Bromofluorobenzene
Concen: 46.436 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024211.D
Acq: 14 Sep 2021 16:41

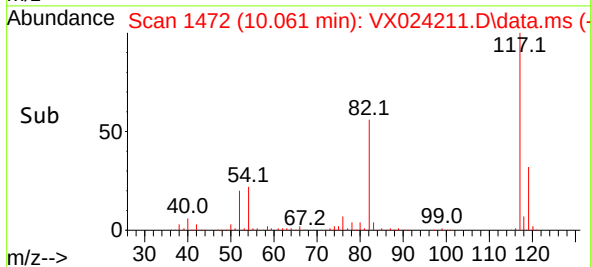
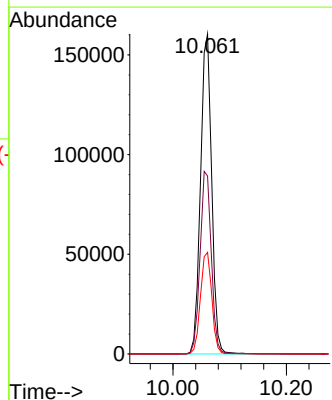
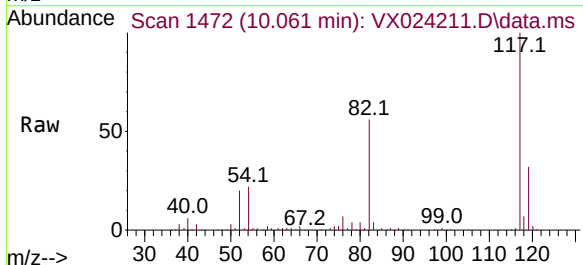
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-GW-760-762

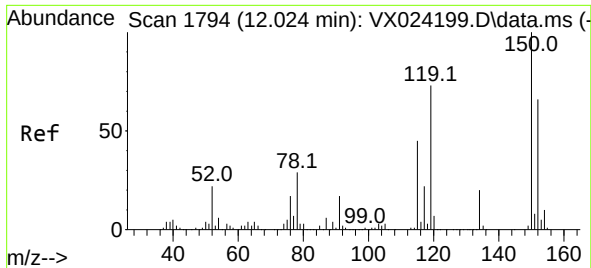
Tgt Ion: 95 Resp: 103940
Ion Ratio Lower Upper
95 100
174 78.4 0.0 154.6
176 76.5 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX024211.D
Acq: 14 Sep 2021 16:41

Tgt Ion: 117 Resp: 218907
Ion Ratio Lower Upper
117 100
82 55.6 47.4 71.2
119 31.7 26.6 39.8

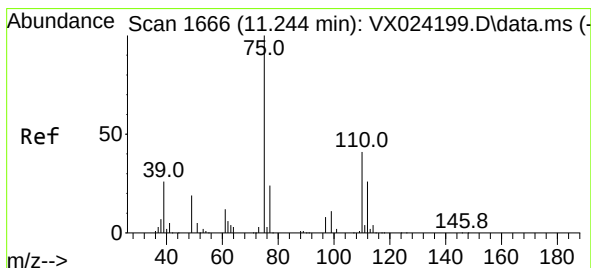
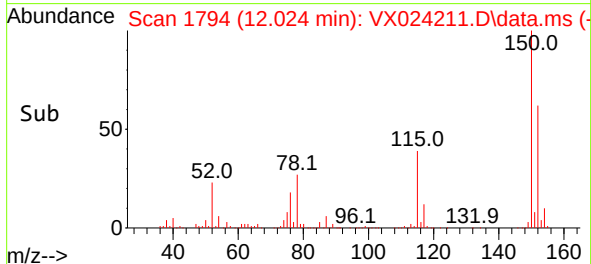
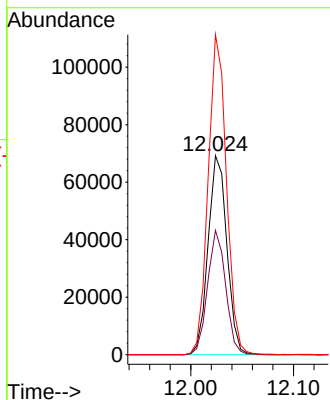
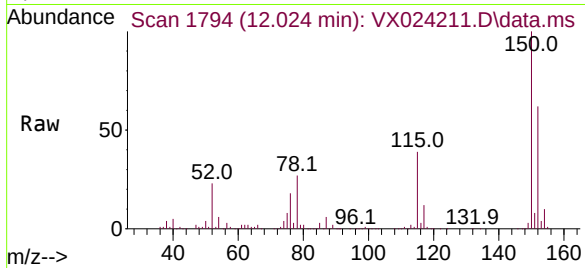




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX024211.D
 Acq: 14 Sep 2021 16:41

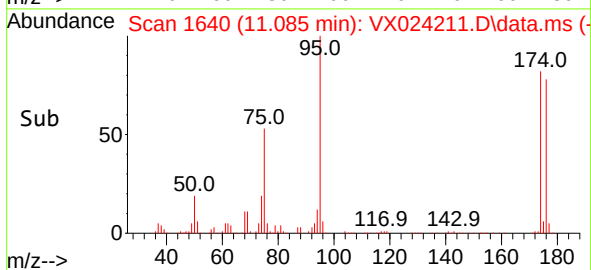
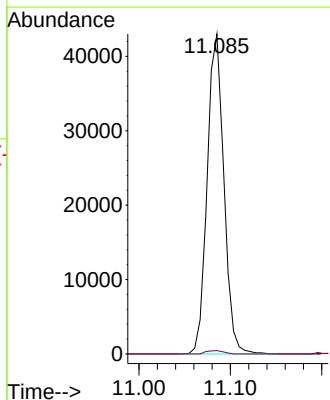
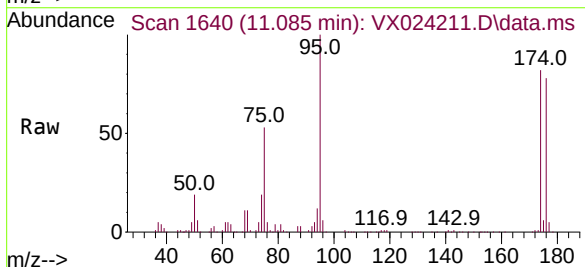
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-VPB-RW7-GW-760-762

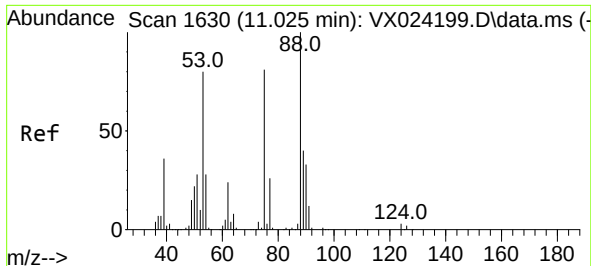
Tgt Ion:152 Resp: 87873
 Ion Ratio Lower Upper
 152 100
 115 60.2 41.1 123.3
 150 156.5 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 26.959 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX024211.D
 Acq: 14 Sep 2021 16:41

Tgt Ion: 75 Resp: 54472
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.1 57.5#

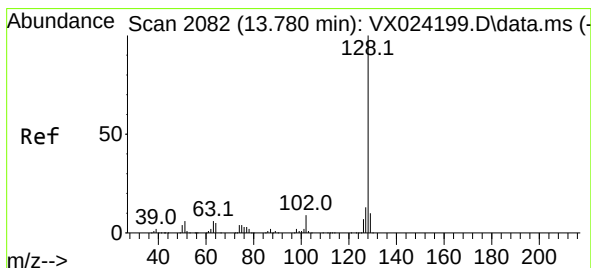
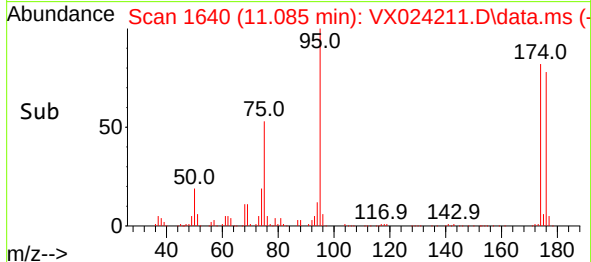
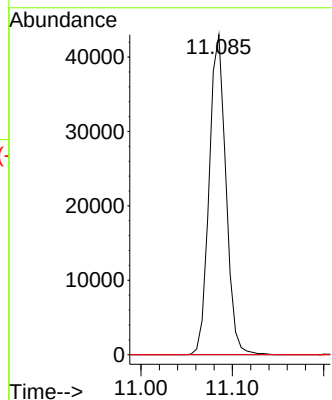
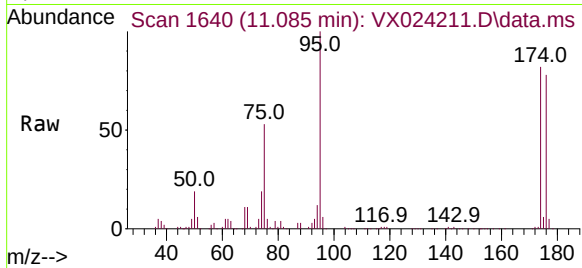




#81
trans-1,4-Dichloro-2-butene
Concen: 79.286 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX024211.D
Acq: 14 Sep 2021 16:41

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-GW-760-762

Tgt Ion: 75 Resp: 54472
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 1.362 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX024211.D
Acq: 14 Sep 2021 16:41

Tgt Ion: 128 Resp: 484
Ion Ratio Lower Upper
128 100
127 12.4 10.3 15.5
129 0.0 8.8 13.2#

