

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082021\
 Data File : VX023846.D
 Acq On : 19 Aug 2021 18:34
 Operator : JC/MD
 Sample : M3483-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BB-TT-VPB-RW7-GW-245-247

Quant Time: Aug 20 03:15:15 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)

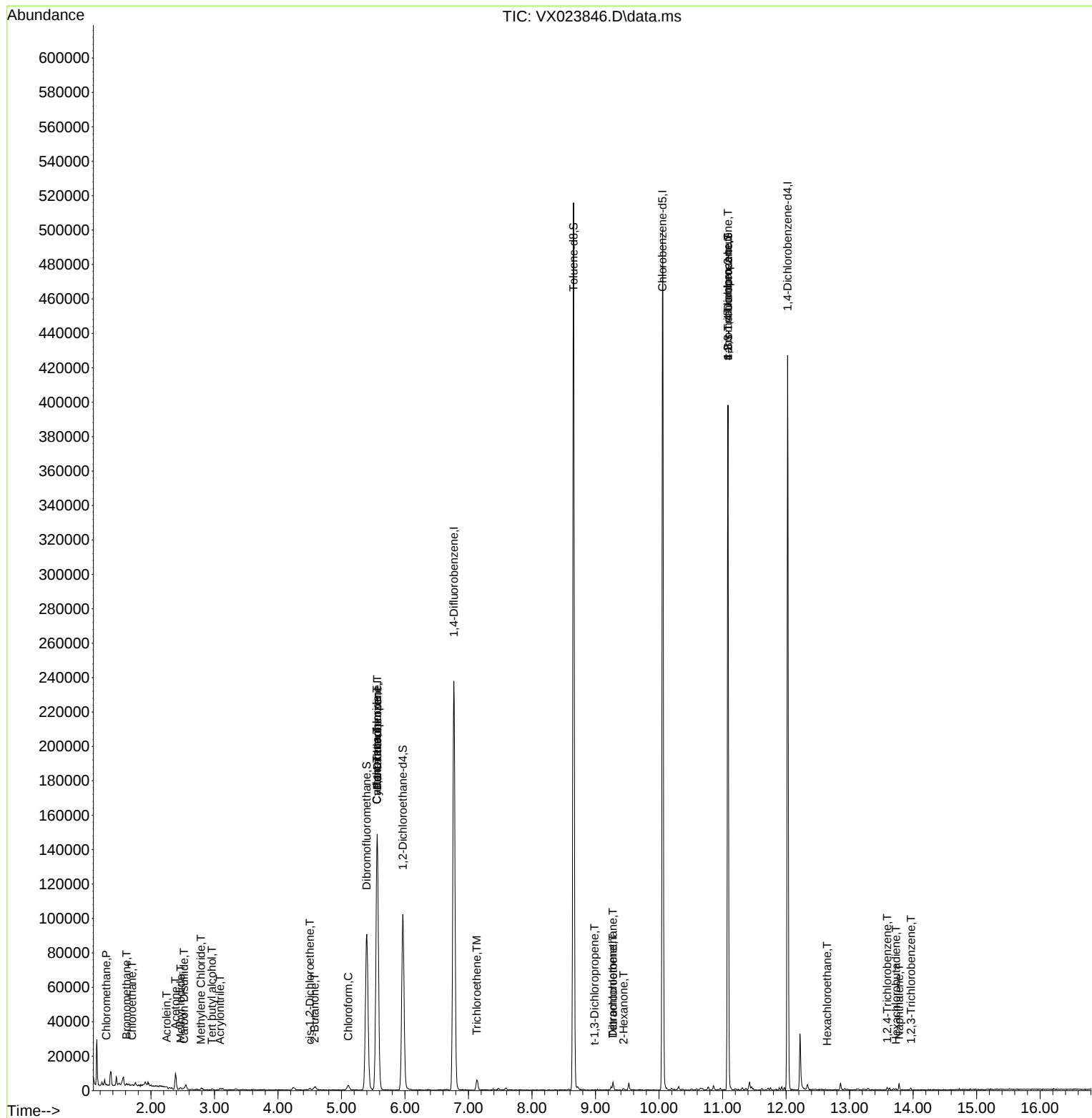
Internal Standards						
1) Pentafluorobenzene	5.562	168	138704	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	237112	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	218487	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	85480	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	98485	50.874	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 101.740%	
35) Dibromofluoromethane	5.397	113	77031	49.084	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.160%	
50) Toluene-d8	8.653	98	288742	48.340	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 96.680%	
62) 4-Bromofluorobenzene	11.085	95	96213	43.755	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 87.520%	
Target Compounds						Qvalue
3) Chloromethane	1.294	50	387	0.241	ug/l	93
5) Bromomethane	1.617	94	658	0.668	ug/l	99
6) Chloroethane	1.703	64	340	2.466	ug/l #	43
10) Methyl Iodide	2.465	142	1337	0.690	ug/l #	91
11) Tert butyl alcohol	2.959	59	273	0.697	ug/l #	73
13) Acrolein	2.245	56	193	0.828	ug/l	87
15) Acrylonitrile	3.087	53	176	0.202	ug/l #	49
16) Acetone	2.386	43	9343	10.794	ug/l	92
17) Carbon Disulfide	2.520	76	1177	0.371	ug/l	96
20) Methylene Chloride	2.788	84	386	0.233	ug/l #	92
25) 2-Butanone	4.574	43	3405	2.597	ug/l #	75
27) cis-1,2-Dichloroethene	4.501	96	466	0.275	ug/l	82
30) Chloroform	5.105	83	3230	1.122	ug/l	96
31) Cyclohexane	5.556	56	3400	1.367	ug/l #	38
36) 1,1-Dichloropropene	5.562	75	10388	4.731	ug/l #	50
38) Carbon Tetrachloride	5.556	117	14023	6.124	ug/l #	16
44) Trichloroethene	7.129	130	2304	1.285	ug/l	72
53) t-1,3-Dichloropropene	8.982	75	63	2.159	ug/l #	44
59) 2-Hexanone	9.439	43	579	0.276	ug/l	99
60) Dibromochloromethane	9.275	129	710	2.047	ug/l #	11
64) Tetrachloroethene	9.275	164	740	0.424	ug/l #	73
76) 1,2,3-Trichloropropane	11.085	75	51499	25.827	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	51499	75.970	ug/l #	12
90) Hexachloroethane	12.646	117	42	1.509	ug/l #	9
93) 1,2,4-Trichlorobenzene	13.591	180	394	0.233	ug/l #	90
94) Hexachlorobutadiene	13.731	225	168	0.223	ug/l	88
95) Naphthalene	13.780	128	2162	1.619	ug/l	96
96) 1,2,3-Trichlorobenzene	13.969	180	469	0.278	ug/l	89

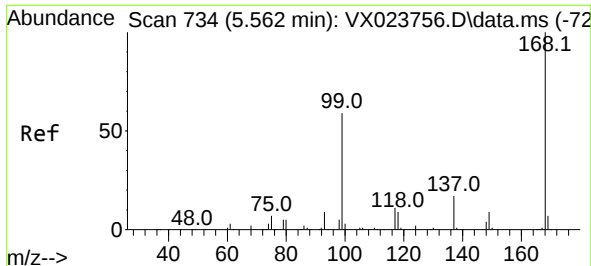
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BB-TT-VPB-RW7-GW-245-247

Quant Time: Aug 20 03:15:15 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

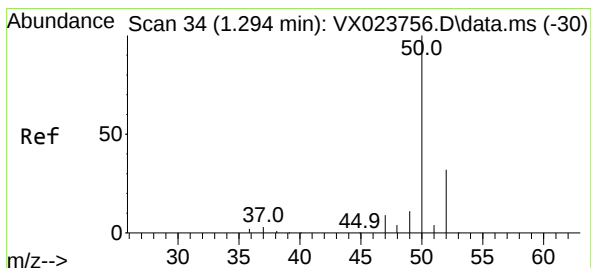
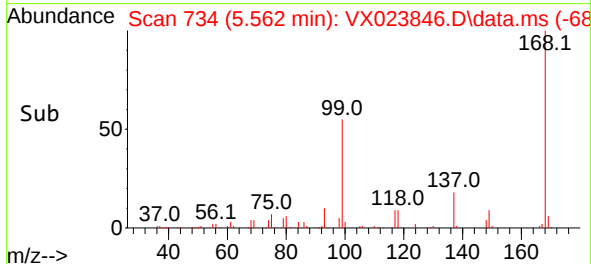
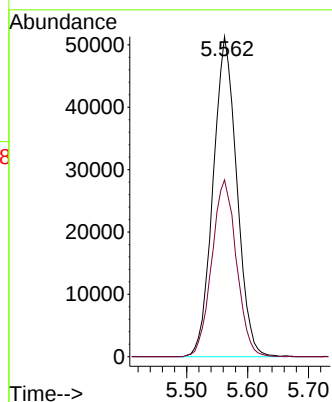
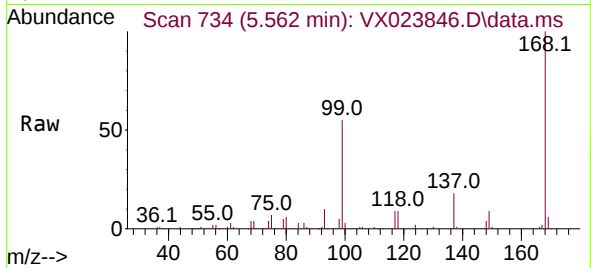




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023846.D
Acq: 19 Aug 2021 18:34

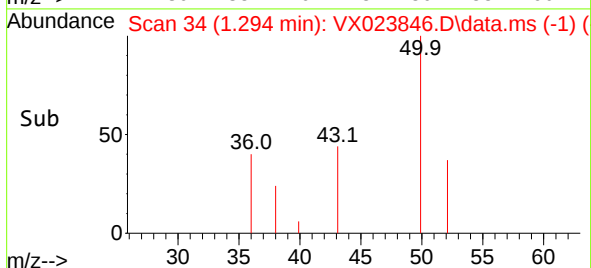
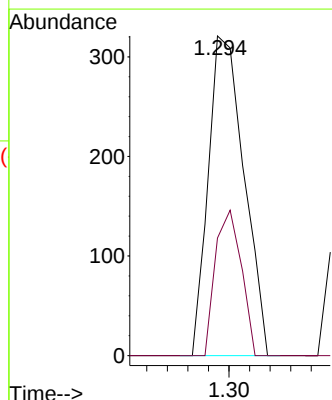
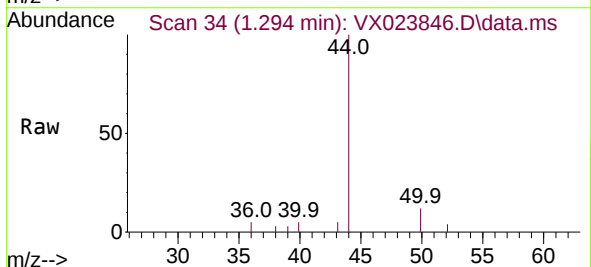
Instrument :
MSVOA_X
ClientSampleId :
BB-TT-VPB-RW7-GW-245-247

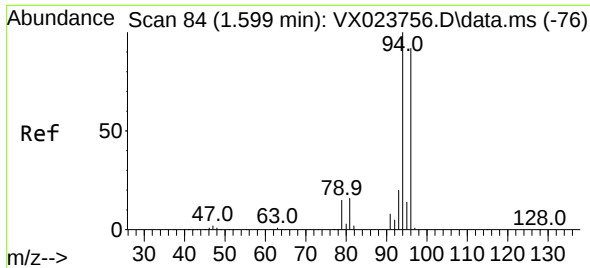
Tgt Ion:168 Resp: 138704
Ion Ratio Lower Upper
168 100
99 55.3 45.8 68.6



#3
Chloromethane
Concen: 0.241 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX023846.D
Acq: 19 Aug 2021 18:34

Tgt Ion: 50 Resp: 387
Ion Ratio Lower Upper
50 100
52 36.8 26.4 39.6

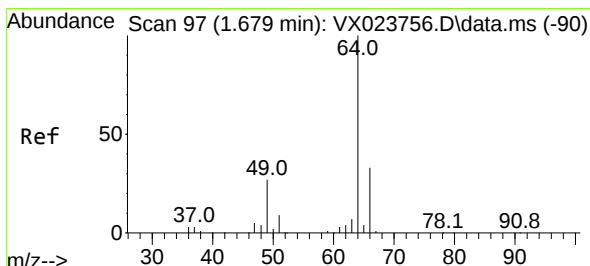
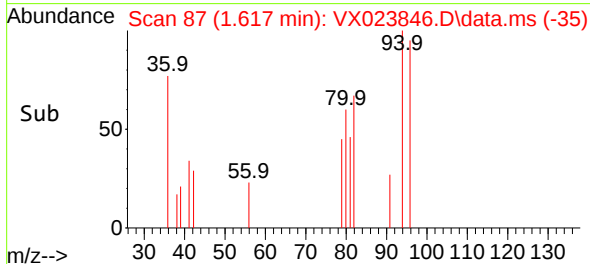
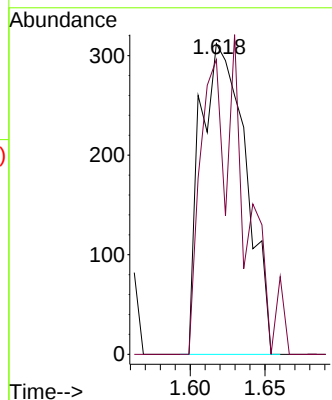
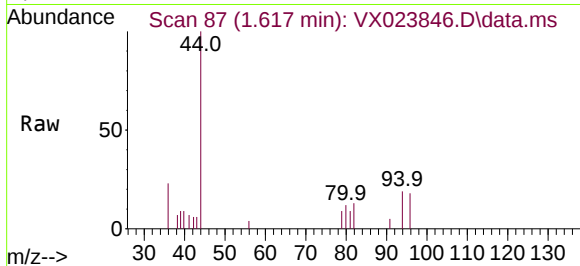




#5
Bromomethane
Concen: 0.668 ug/l
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX023846.D
Acq: 19 Aug 2021 18:34

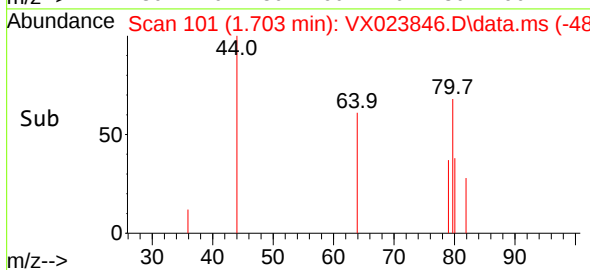
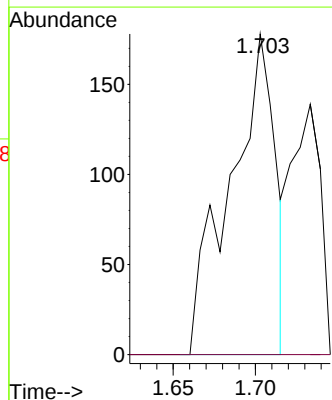
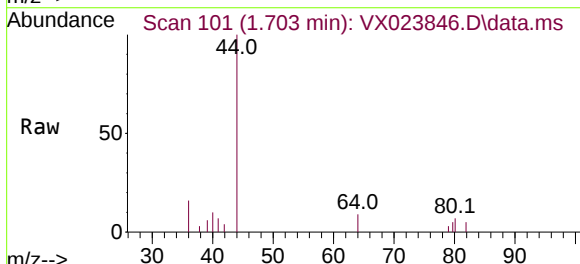
Instrument :
MSVOA_X
ClientSampleId :
BB-TT-VPB-RW7-GW-245-247

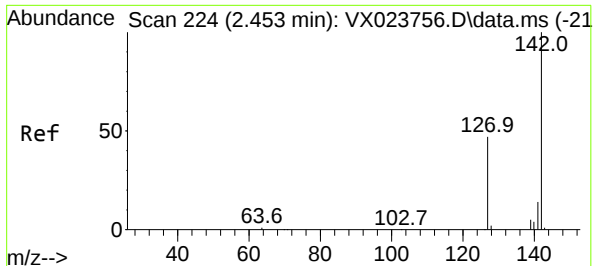
Tgt Ion: 94 Resp: 658
Ion Ratio Lower Upper
94 100
96 94.9 76.4 114.6



#6
Chloroethane
Concen: 2.466 ug/l
RT: 1.703 min Scan# 101
Delta R.T. 0.024 min
Lab File: VX023846.D
Acq: 19 Aug 2021 18:34

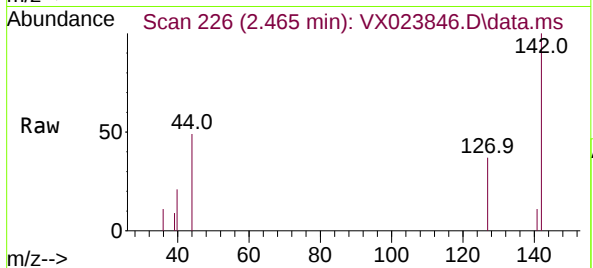
Tgt Ion: 64 Resp: 340
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



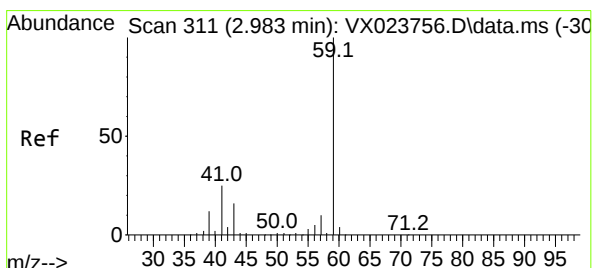
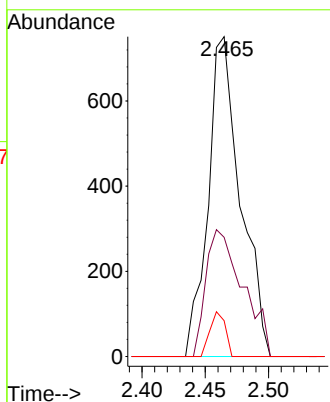
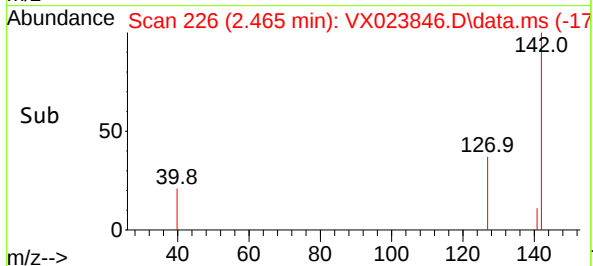


#10
Methyl Iodide
Concen: 0.690 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX023846.D
Acq: 19 Aug 2021 18:34

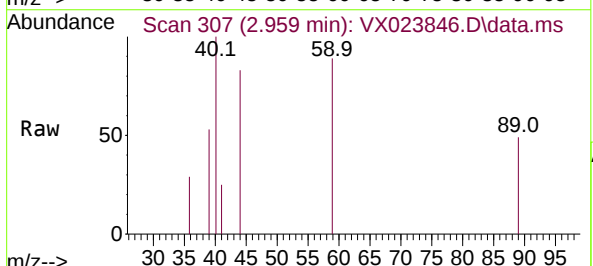
Instrument :
MSVOA_X
ClientSampleId :
BB-TT-VPB-RW7-GW-245-247



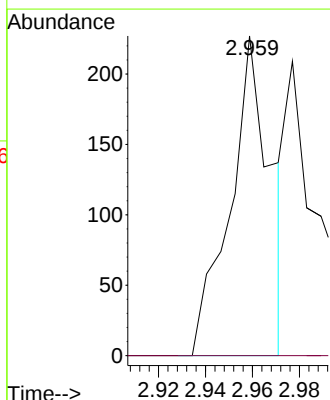
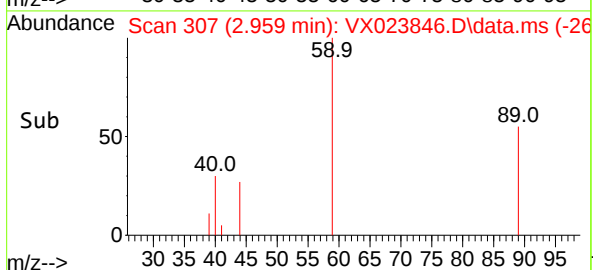
Tgt Ion:142 Resp: 1337
Ion Ratio Lower Upper
142 100
127 45.4 33.3 49.9
141 6.7 11.4 17.0#

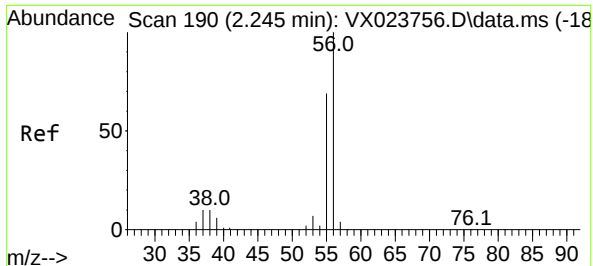


#11
Tert butyl alcohol
Concen: 0.697 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.024 min
Lab File: VX023846.D
Acq: 19 Aug 2021 18:34



Tgt Ion: 59 Resp: 273
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

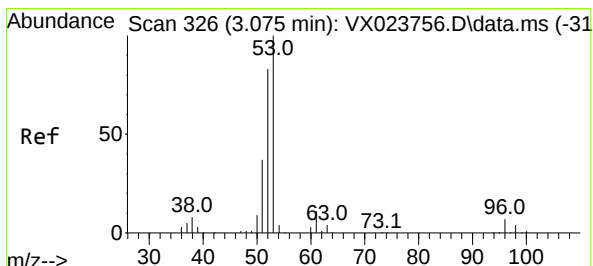
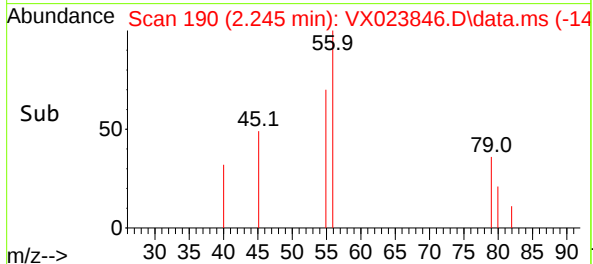
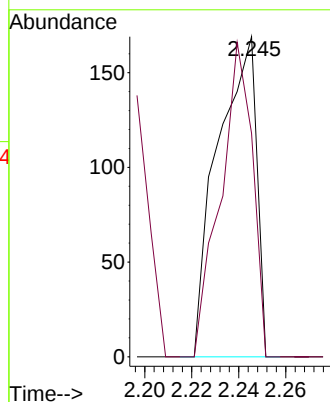
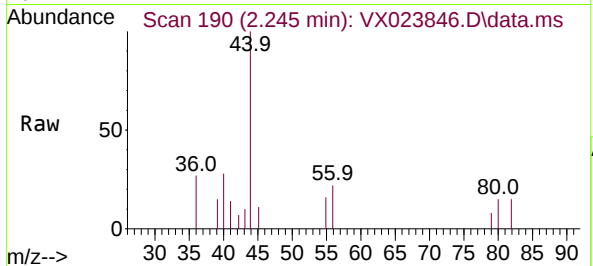




#13
Acrolein
Concen: 0.828 ug/l
RT: 2.245 min Scan# 190
Delta R.T. 0.000 min
Lab File: VX023846.D
Acq: 19 Aug 2021 18:34

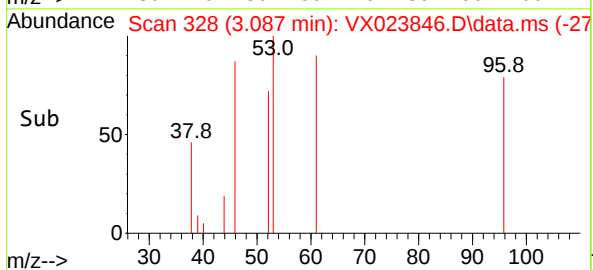
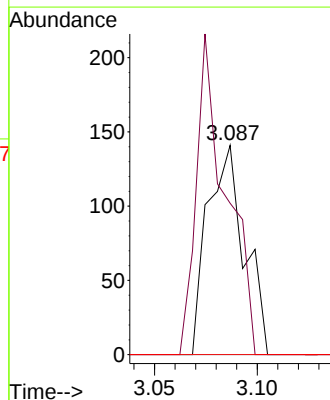
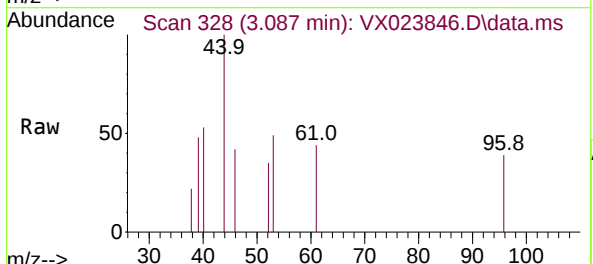
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ClientSampleId :
BB-TT-VPB-RW7-GW-245-247

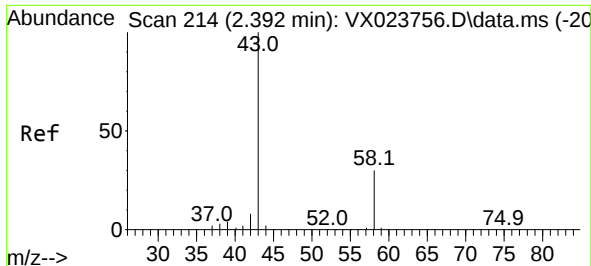
Tgt Ion: 56 Resp: 193
Ion Ratio Lower Upper
56 100
55 81.3 56.4 84.6



#15
Acrylonitrile
Concen: 0.202 ug/l
RT: 3.087 min Scan# 328
Delta R.T. 0.012 min
Lab File: VX023846.D
Acq: 19 Aug 2021 18:34

Tgt Ion: 53 Resp: 176
Ion Ratio Lower Upper
53 100
52 123.3 65.3 97.9#
51 0.0 28.2 42.2#

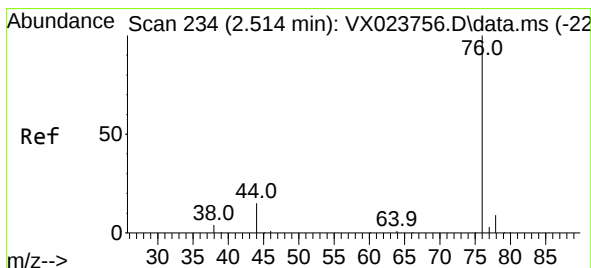
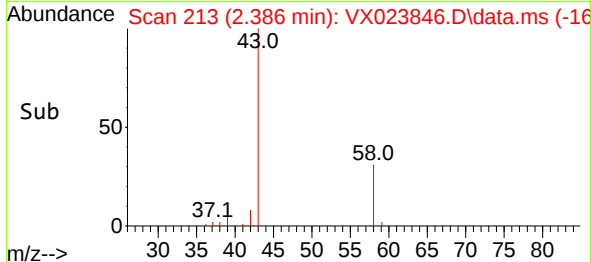
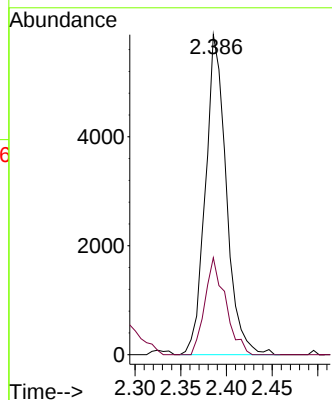
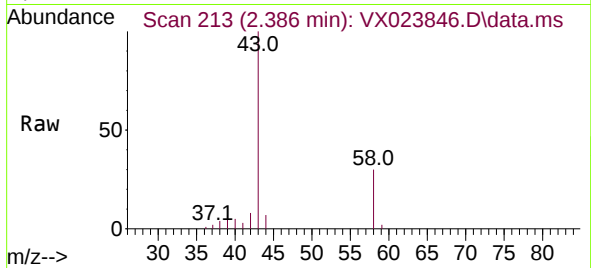




#16
Acetone
Concen: 10.794 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX023846.D
Acq: 19 Aug 2021 18:34

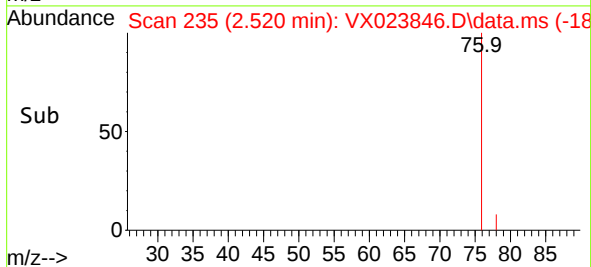
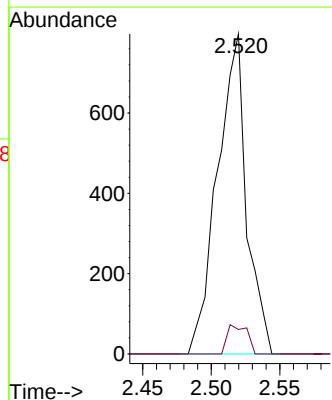
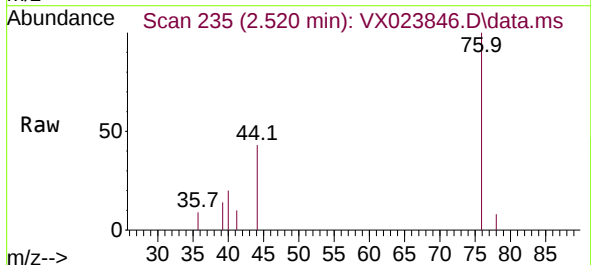
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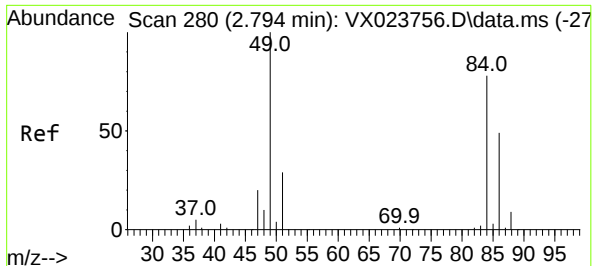
Tgt Ion: 43 Resp: 9343
Ion Ratio Lower Upper
43 100
58 30.3 27.8 41.8



#17
Carbon Disulfide
Concen: 0.371 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX023846.D
Acq: 19 Aug 2021 18:34

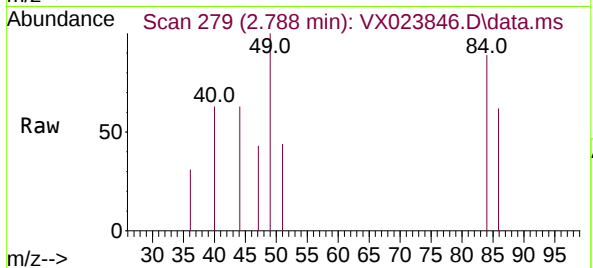
Tgt Ion: 76 Resp: 1177
Ion Ratio Lower Upper
76 100
78 7.7 7.2 10.8



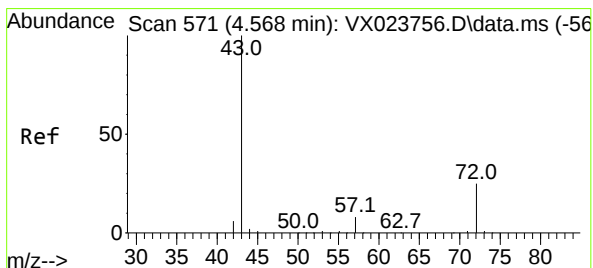
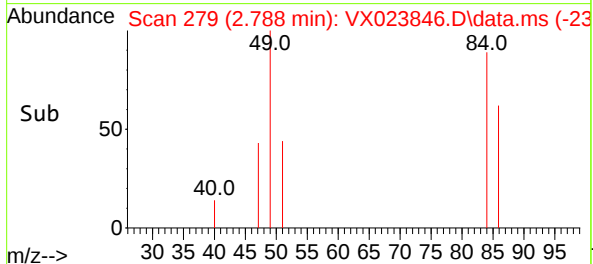
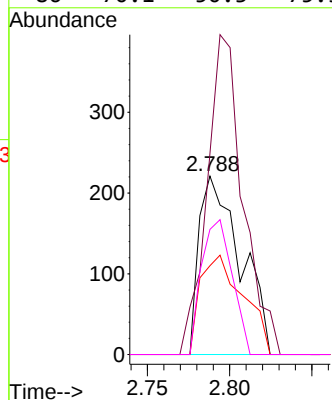


#20
Methylene Chloride
Concen: 0.233 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX023846.D
Acq: 19 Aug 2021 18:34

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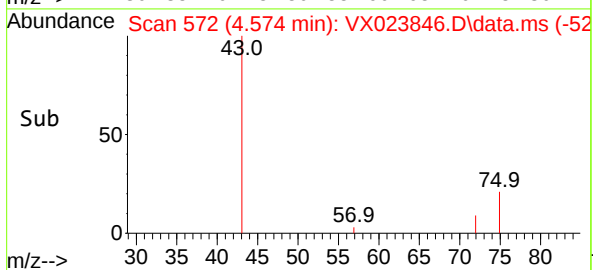
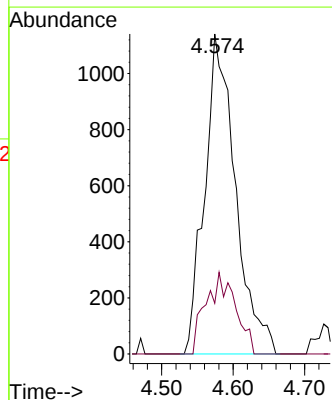
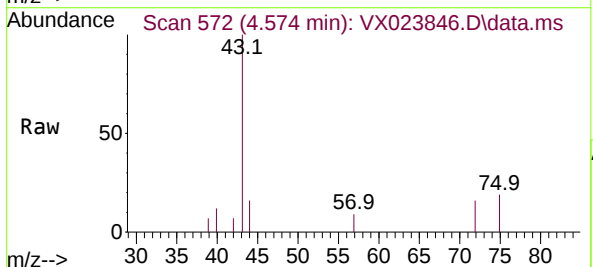


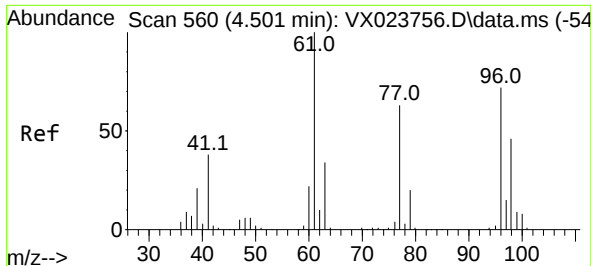
Tgt Ion: 84	Resp: 386
Ion Ratio	Lower Upper
84	100
49	112.7 88.6 132.8
51	49.8 27.0 40.6#
86	70.1 50.3 75.5



#25
2-Butanone
Concen: 2.597 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX023846.D
Acq: 19 Aug 2021 18:34

Tgt Ion: 43	Resp: 3405
Ion Ratio	Lower Upper
43	100
72	15.9 23.7 35.5#





#27

cis-1,2-Dichloroethene

Concen: 0.275 ug/l

RT: 4.501 min Scan# 560

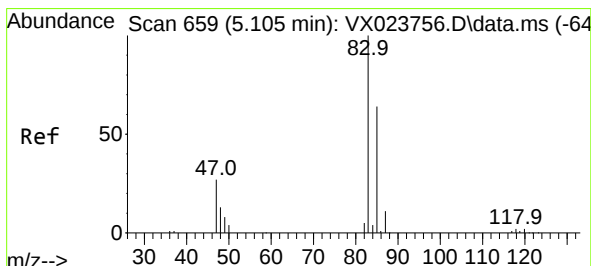
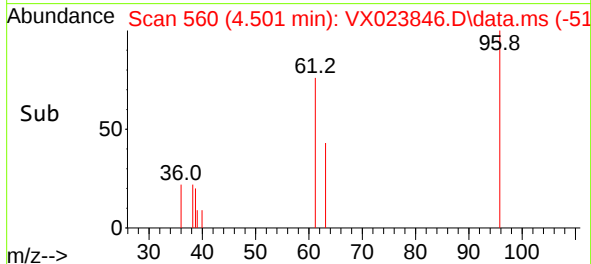
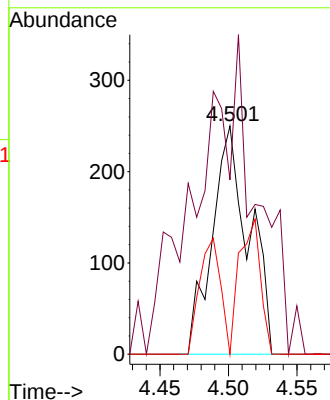
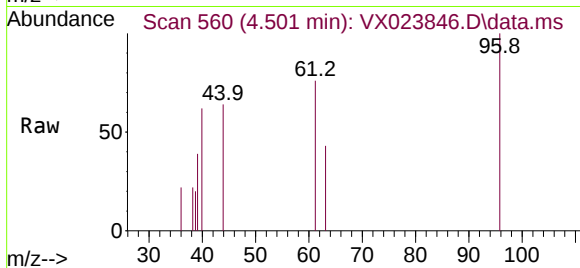
Delta R.T. 0.000 min

Lab File: VX023846.D

Acq: 19 Aug 2021 18:34

Tgt Ion: 96 Resp: 466

Ion	Ratio	Lower	Upper
96	100		
61	136.7	0.0	285.6
98	29.0	0.0	129.6



#30

Chloroform

Concen: 1.122 ug/l

RT: 5.105 min Scan# 659

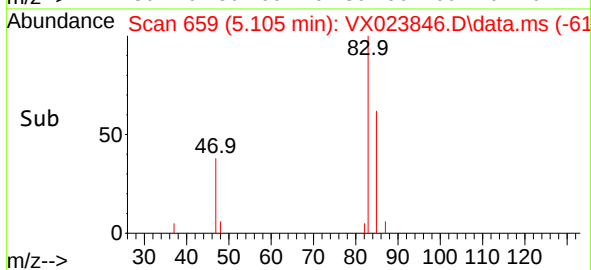
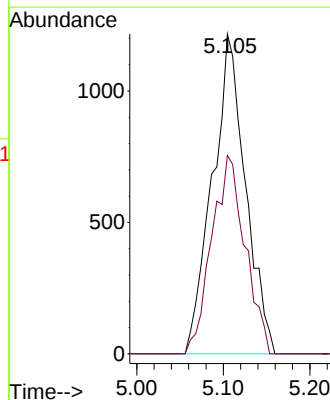
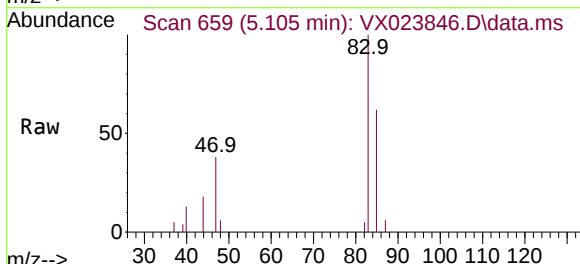
Delta R.T. -0.000 min

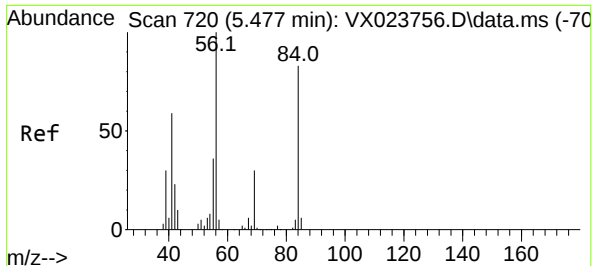
Lab File: VX023846.D

Acq: 19 Aug 2021 18:34

Tgt Ion: 83 Resp: 3230

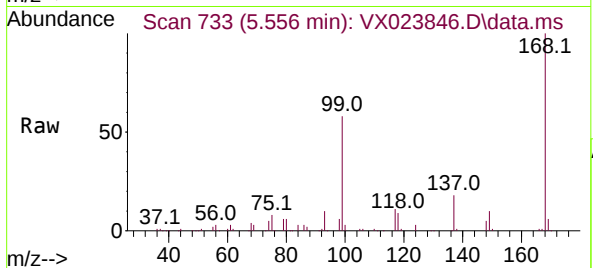
Ion	Ratio	Lower	Upper
83	100		
85	62.0	52.0	78.0



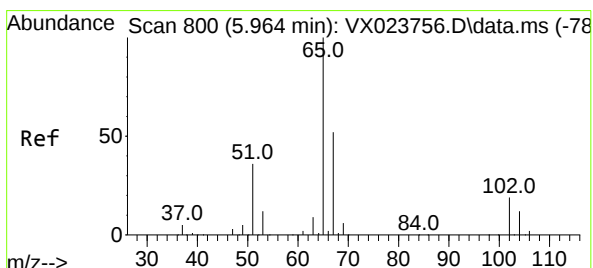
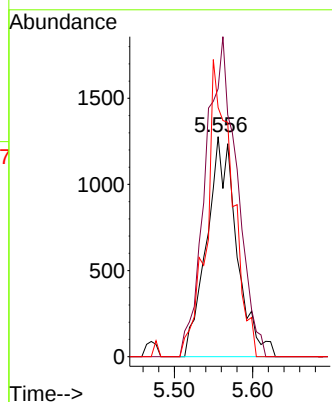
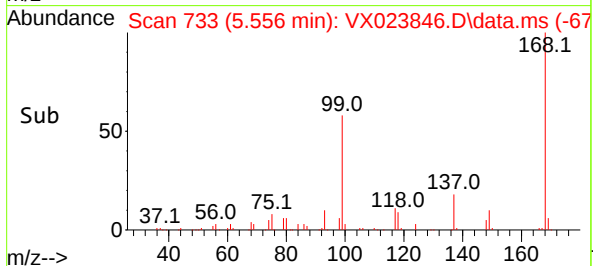


#31
Cyclohexane
Concen: 1.367 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX023846.D
Acq: 19 Aug 2021 18:34

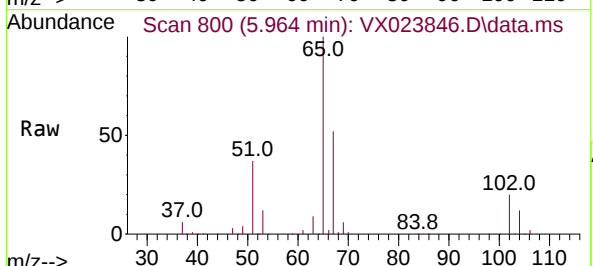
Instrument :
MSVOA_X
ClientSampleId :
BB-TT-VPB-RW7-GW-245-247



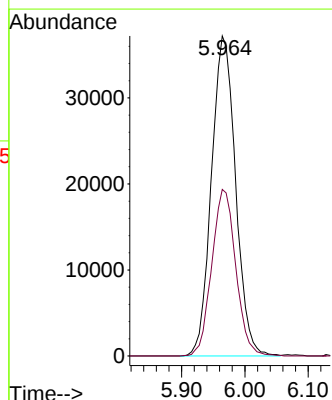
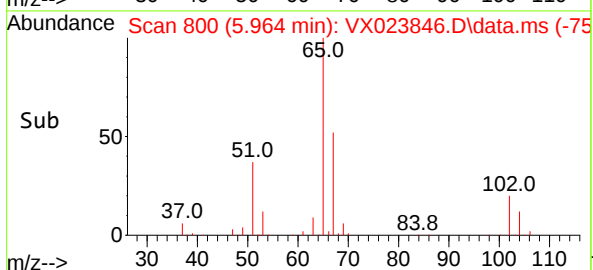
Tgt Ion: 56 Resp: 3400
Ion Ratio Lower Upper
56 100
69 121.8 25.3 37.9#
84 113.2 71.4 107.0#

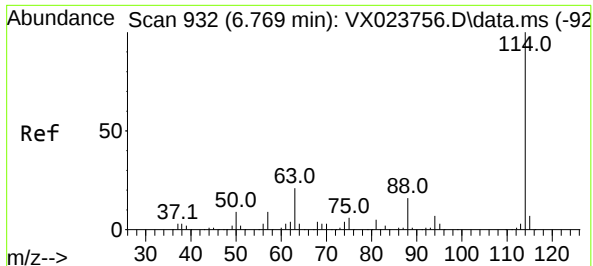


#33
1,2-Dichloroethane-d4
Concen: 50.874 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023846.D
Acq: 19 Aug 2021 18:34



Tgt Ion: 65 Resp: 98485
Ion Ratio Lower Upper
65 100
67 51.8 0.0 105.4

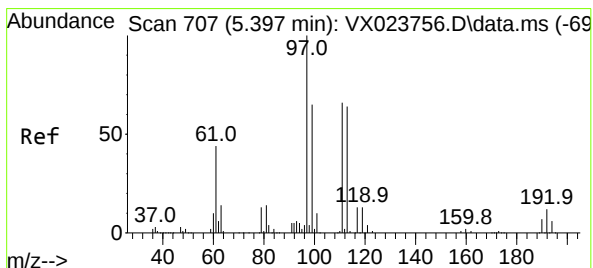
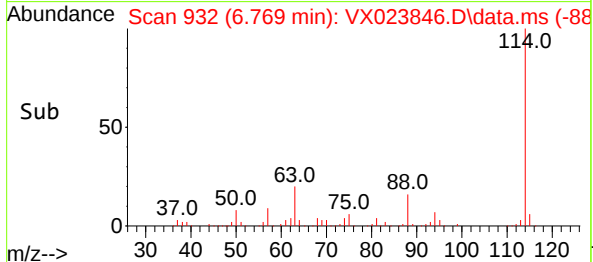
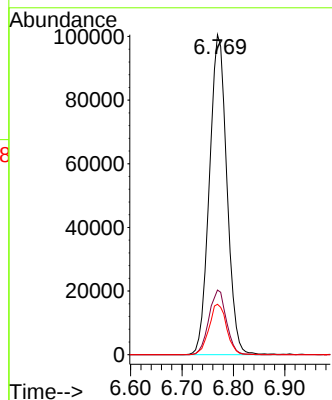
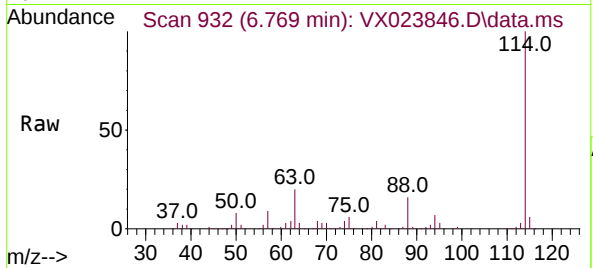




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023846.D
Acq: 19 Aug 2021 18:34

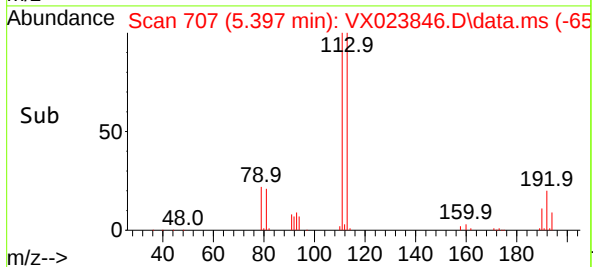
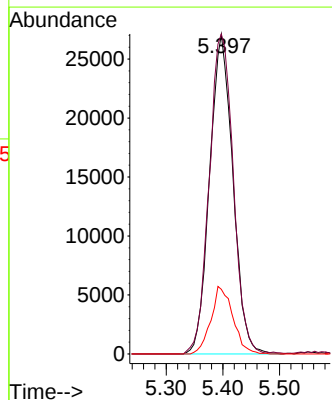
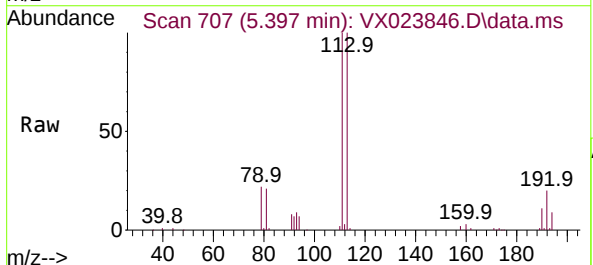
Instrument :
MSVOA_X
ClientSampleId :
BB-TT-VPB-RW7-GW-245-247

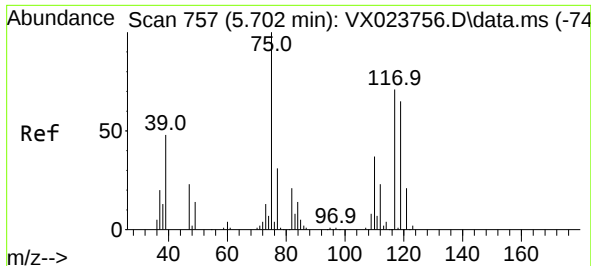
Tgt Ion:114 Resp: 237112
Ion Ratio Lower Upper
114 100
63 20.2 0.0 40.8
88 15.8 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.084 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023846.D
Acq: 19 Aug 2021 18:34

Tgt Ion:113 Resp: 77031
Ion Ratio Lower Upper
113 100
111 103.7 81.9 122.9
192 20.0 16.7 25.1





#36

1,1-Dichloropropene

Concen: 4.731 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.140 min

Lab File: VX023846.D

Acq: 19 Aug 2021 18:34

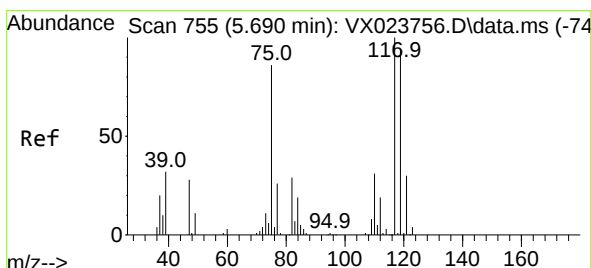
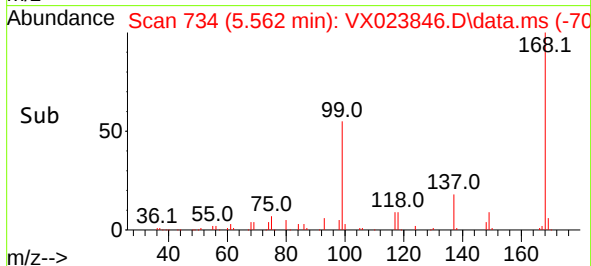
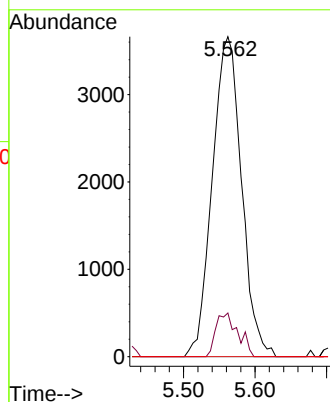
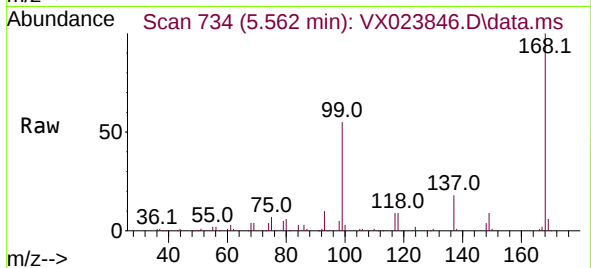
Tgt Ion:	75	Resp:	10388
Ion	Ratio	Lower	Upper
75	100		
110	10.3	18.1	54.4#
77	0.0	25.3	37.9#

Instrument :

MSVOA_X

ClientSampleId :

BB-TT-VPB-RW7-GW-245-247



#38

Carbon Tetrachloride

Concen: 6.124 ug/l

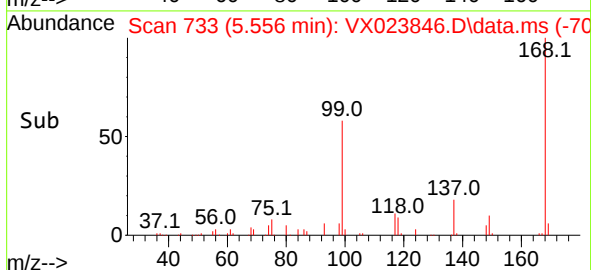
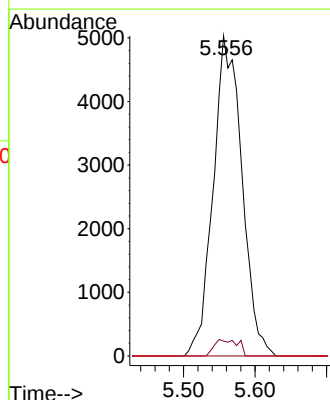
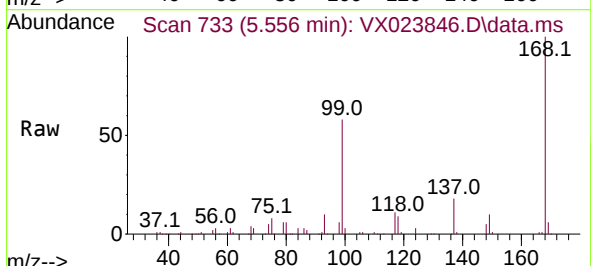
RT: 5.556 min Scan# 733

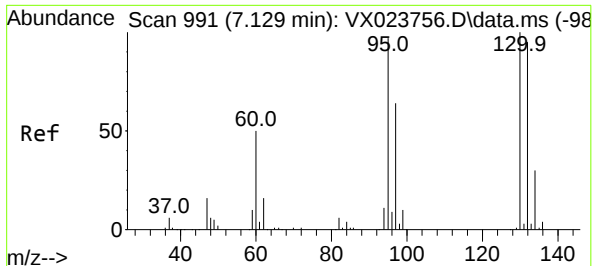
Delta R.T. -0.134 min

Lab File: VX023846.D

Acq: 19 Aug 2021 18:34

Tgt Ion:	117	Resp:	14023
Ion	Ratio	Lower	Upper
117	100		
119	4.7	76.2	114.2#
121	0.0	24.8	37.2#

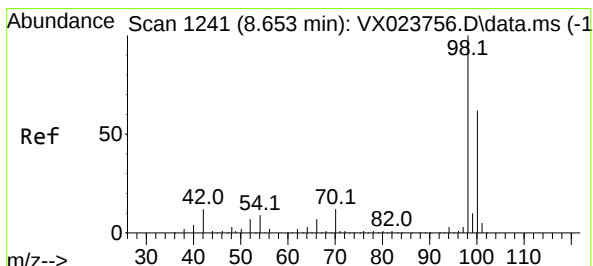
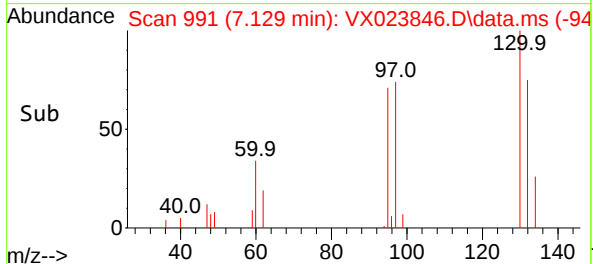
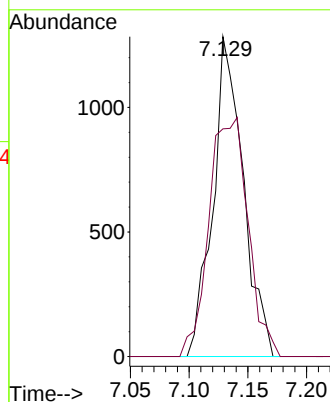
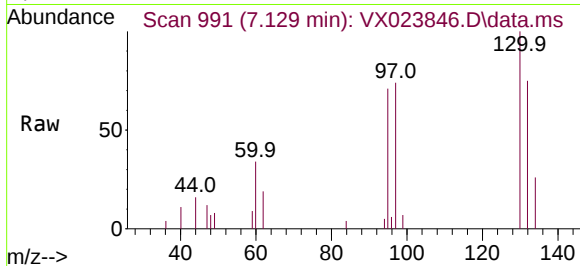




#44
Trichloroethene
Concen: 1.285 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX023846.D
Acq: 19 Aug 2021 18:34

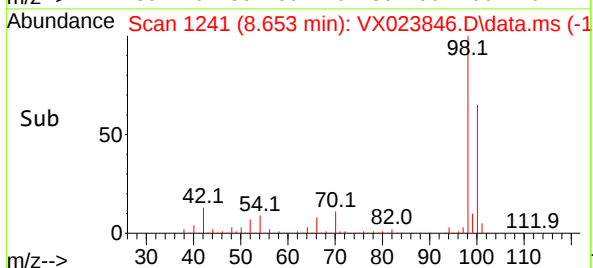
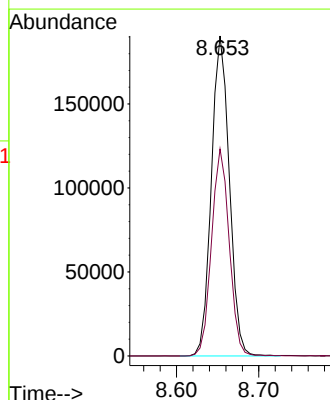
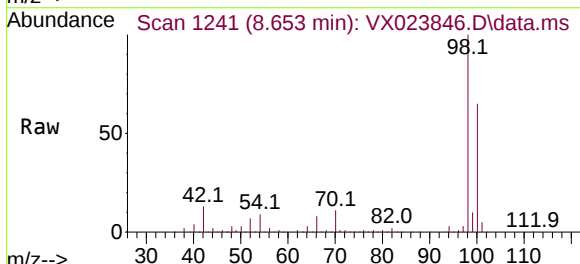
Instrument :
MSVOA_X
ClientSampleId :
BB-TT-VPB-RW7-GW-245-247

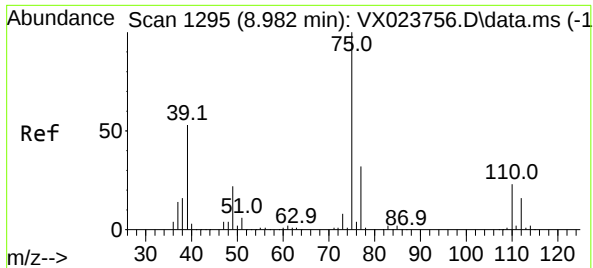
Tgt Ion:130 Resp: 2304
Ion Ratio Lower Upper
130 100
95 71.2 0.0 198.0



#50
Toluene-d8
Concen: 48.340 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023846.D
Acq: 19 Aug 2021 18:34

Tgt Ion: 98 Resp: 288742
Ion Ratio Lower Upper
98 100
100 63.7 51.9 77.9

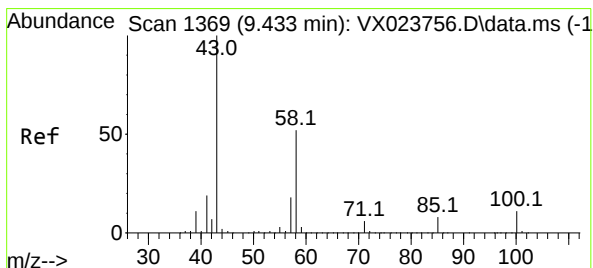
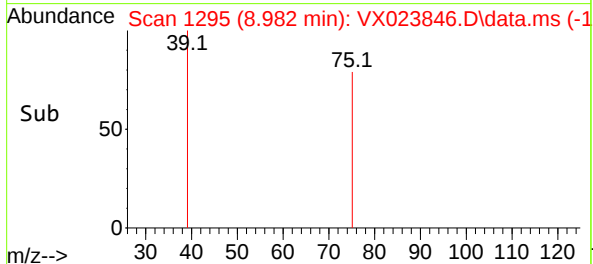
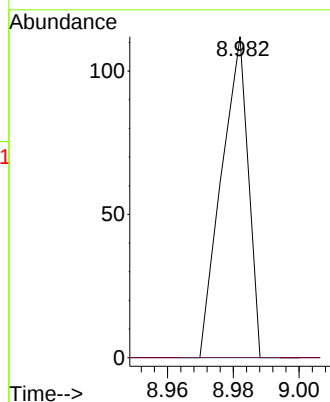
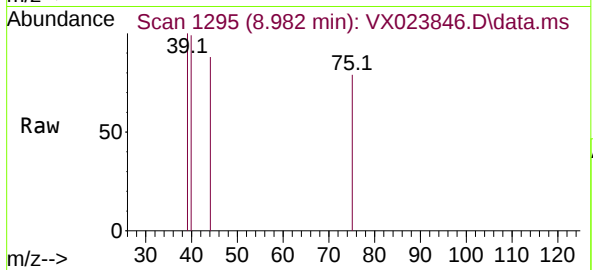




#53
t-1,3-Dichloropropene
Concen: 2.159 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VX023846.D
Acq: 19 Aug 2021 18:34

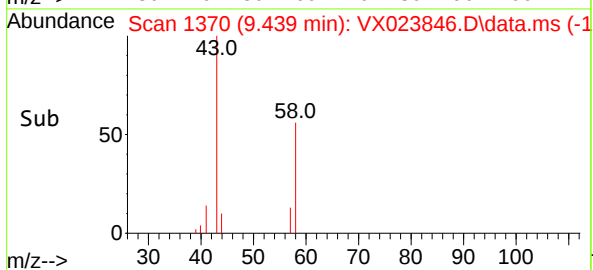
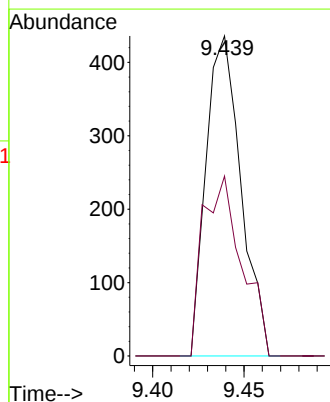
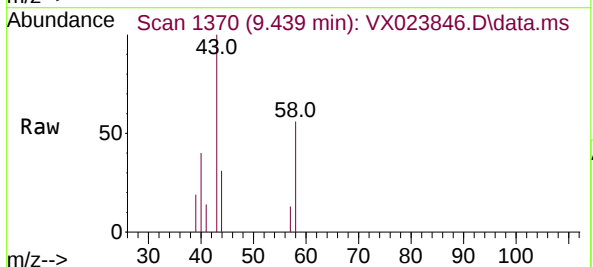
Instrument :
MSVOA_X
ClientSampleId :
BB-TT-VPB-RW7-GW-245-247

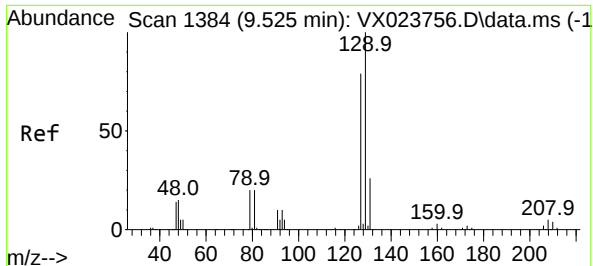
Tgt Ion: 75 Resp: 63
Ion Ratio Lower Upper
75 100
77 0.0 24.9 37.3#



#59
2-Hexanone
Concen: 0.276 ug/l
RT: 9.439 min Scan# 1370
Delta R.T. 0.006 min
Lab File: VX023846.D
Acq: 19 Aug 2021 18:34

Tgt Ion: 43 Resp: 579
Ion Ratio Lower Upper
43 100
58 62.7 30.9 92.8

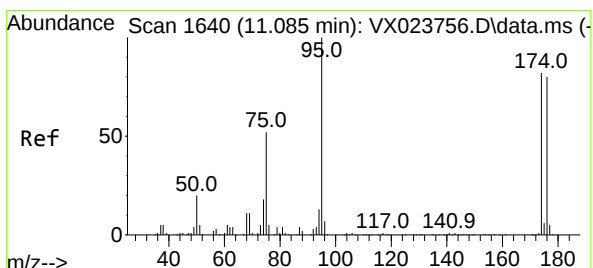
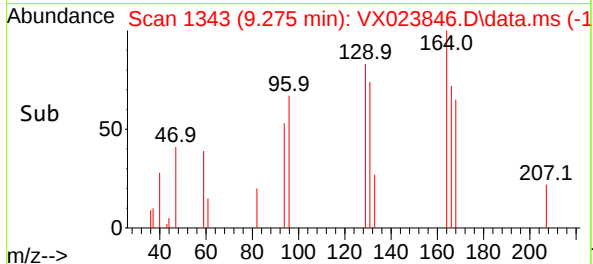
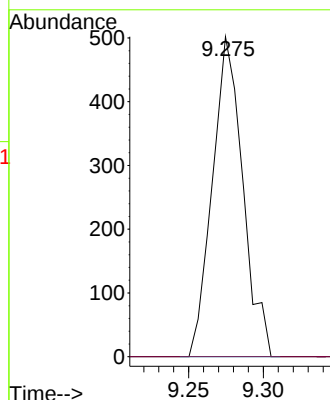
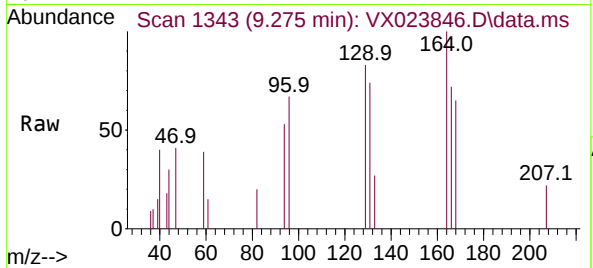




#60
Dibromochloromethane
Concen: 2.047 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX023846.D
Acq: 19 Aug 2021 18:34

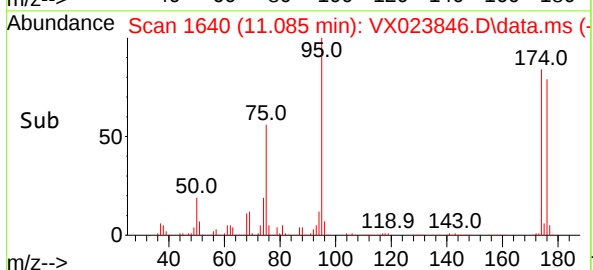
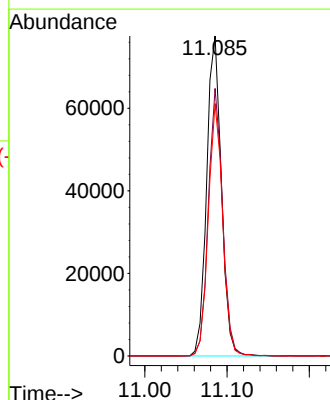
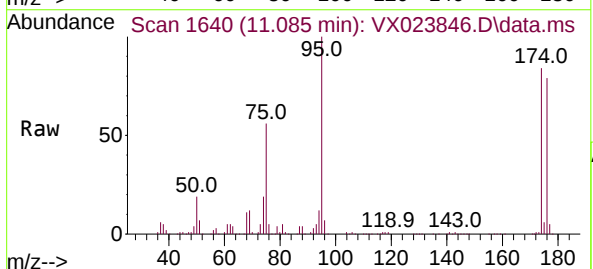
Instrument :
MSVOA_X
ClientSampleId :
BB-TT-VPB-RW7-GW-245-247

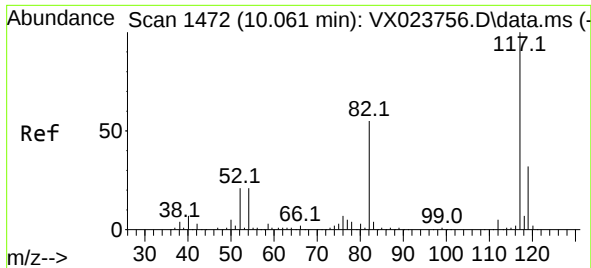
Tgt Ion:129 Resp: 710
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 43.755 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023846.D
Acq: 19 Aug 2021 18:34

Tgt Ion: 95 Resp: 96213
Ion Ratio Lower Upper
95 100
174 81.5 0.0 154.6
176 77.1 0.0 155.8

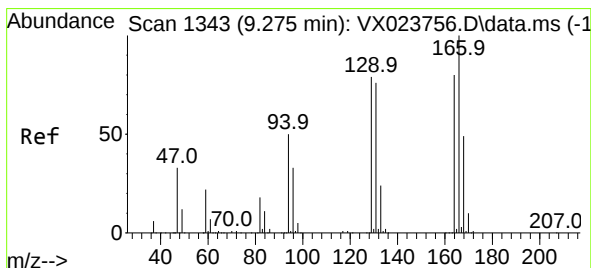
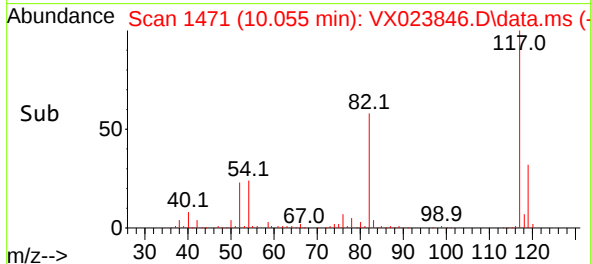
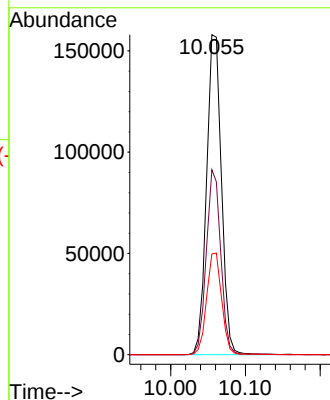
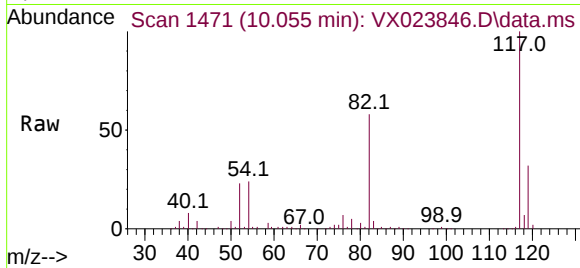




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX023846.D
Acq: 19 Aug 2021 18:34

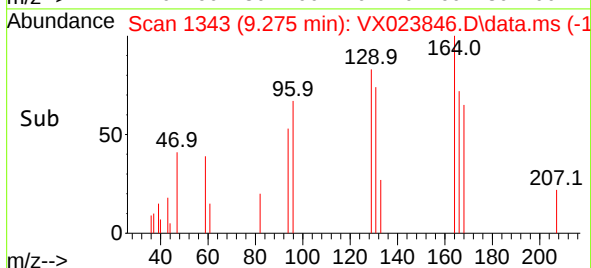
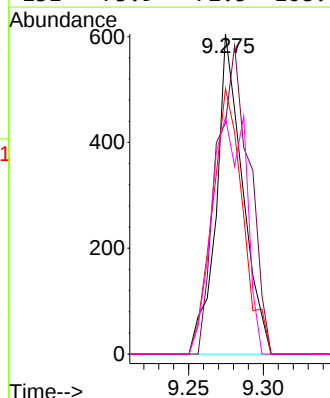
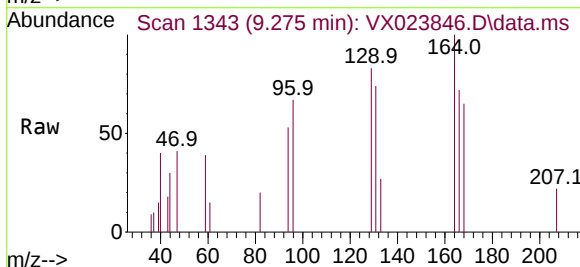
Instrument :
MSVOA_X
ClientSampleId :
BB-TT-VPB-RW7-GW-245-247

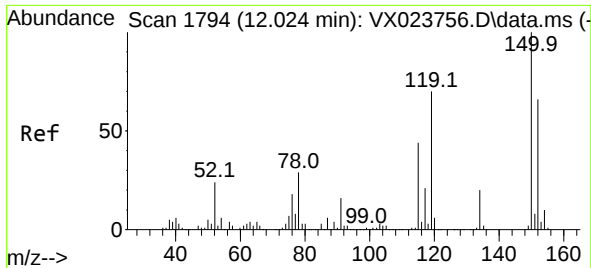
Tgt Ion:117 Resp: 218487
Ion Ratio Lower Upper
117 100
82 57.8 47.4 71.2
119 31.5 26.6 39.8



#64
Tetrachloroethene
Concen: 0.424 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX023846.D
Acq: 19 Aug 2021 18:34

Tgt Ion:164 Resp: 740
Ion Ratio Lower Upper
164 100
166 72.2 103.4 155.2#
129 83.0 70.8 106.2
131 73.9 72.5 108.7

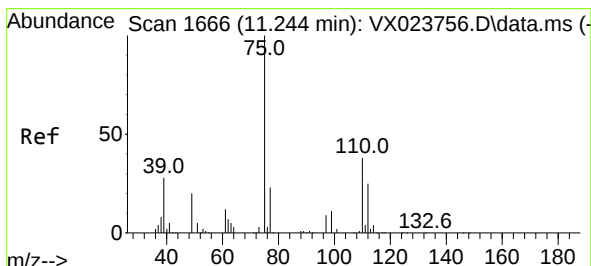
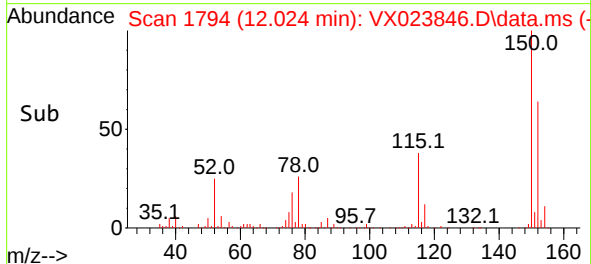
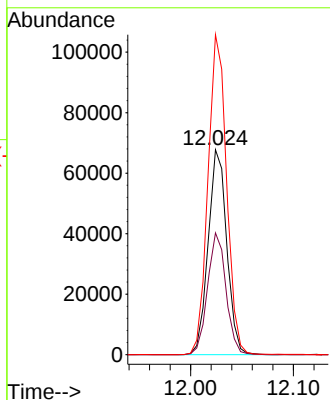
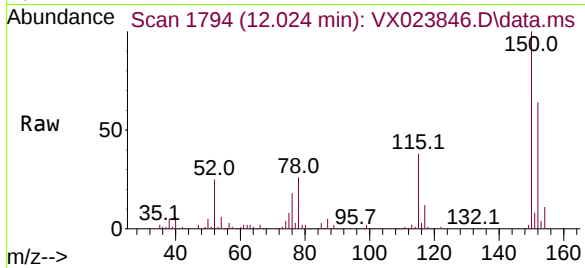




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX023846.D
 Acq: 19 Aug 2021 18:34

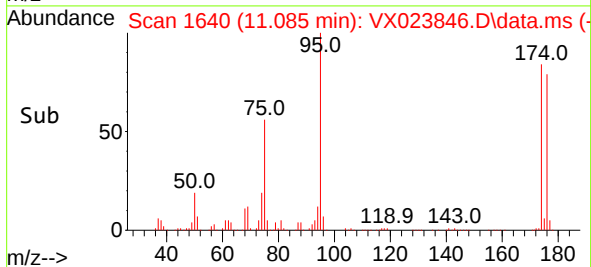
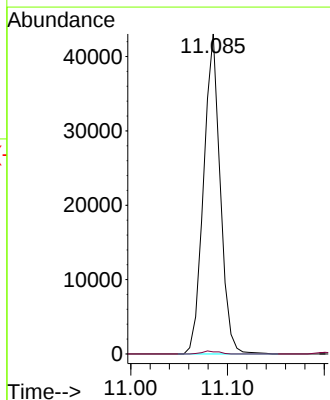
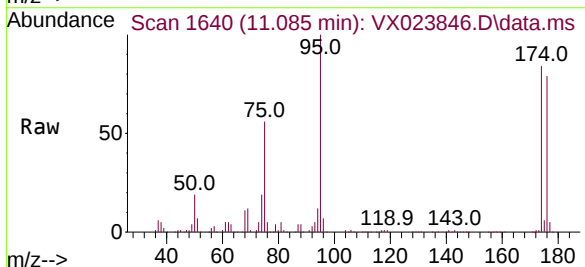
Instrument :
 MSVOA_X
 ClientSampleId :
 BB-TT-VPB-RW7-GW-245-247

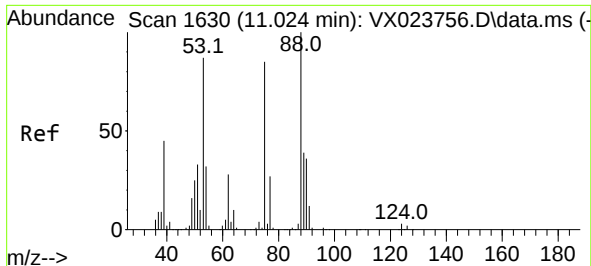
Tgt Ion:152 Resp: 85480
 Ion Ratio Lower Upper
 152 100
 115 58.8 41.1 123.3
 150 156.0 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 25.827 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX023846.D
 Acq: 19 Aug 2021 18:34

Tgt Ion: 75 Resp: 51499
 Ion Ratio Lower Upper
 75 100
 77 0.9 19.1 57.5#

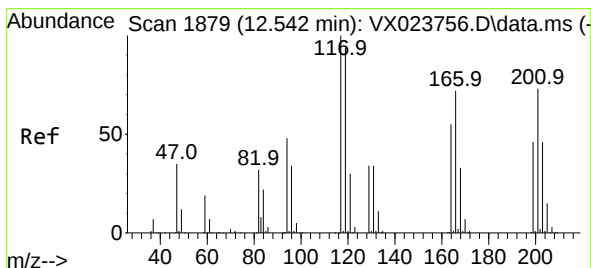
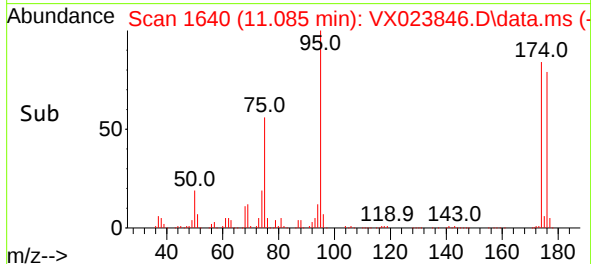
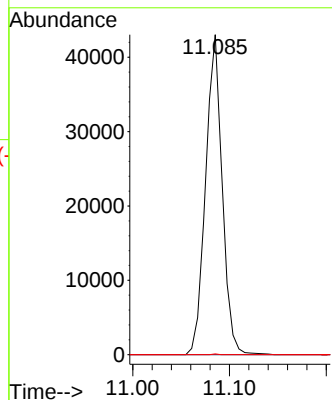
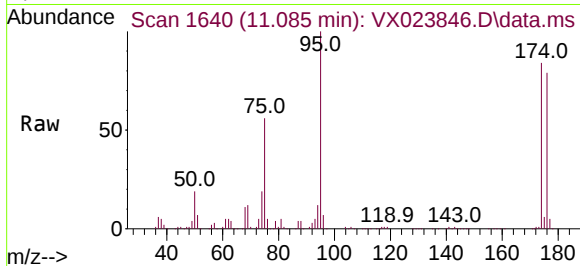




#81
trans-1,4-Dichloro-2-butene
Concen: 75.970 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023846.D
Acq: 19 Aug 2021 18:34

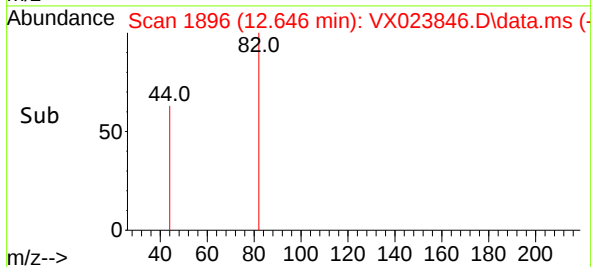
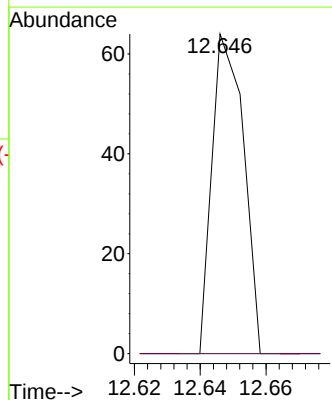
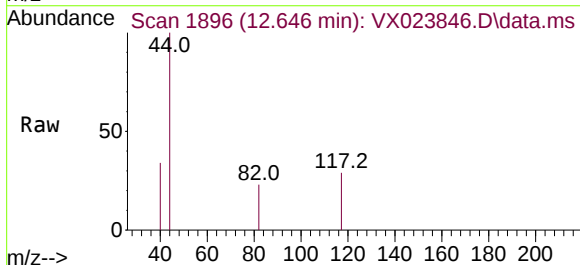
Instrument :
MSVOA_X
ClientSampleId :
BB-TT-VPB-RW7-GW-245-247

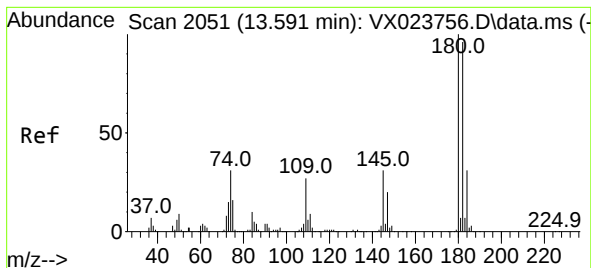
Tgt Ion: 75 Resp: 51499
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.1 37.9 56.9#



#90
Hexachloroethane
Concen: 1.509 ug/l
RT: 12.646 min Scan# 1896
Delta R.T. 0.104 min
Lab File: VX023846.D
Acq: 19 Aug 2021 18:34

Tgt Ion: 117 Resp: 42
Ion Ratio Lower Upper
117 100
201 0.0 40.4 121.2#

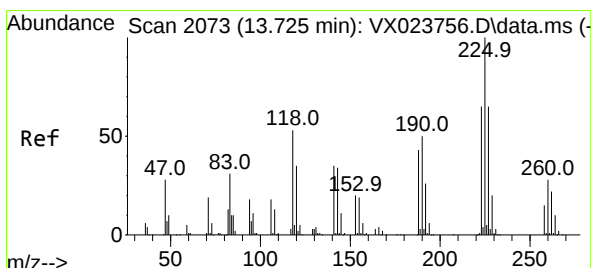
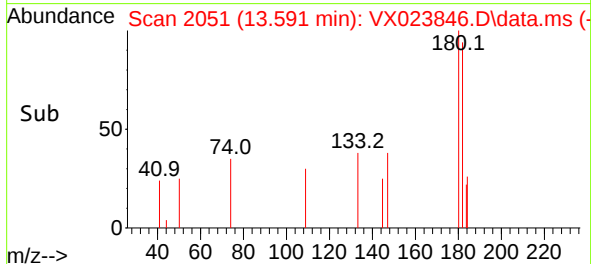
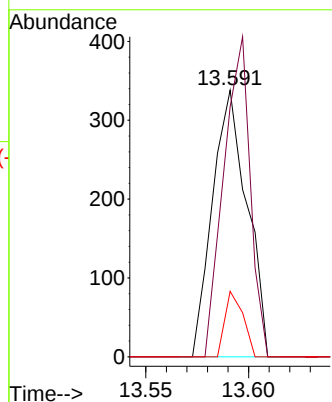
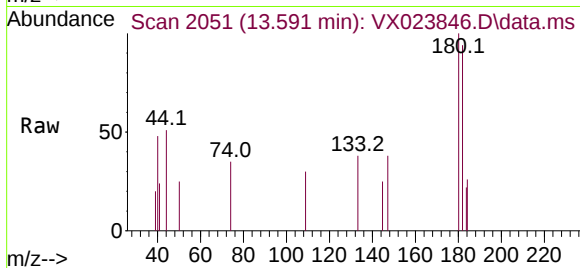




#93
1,2,4-Trichlorobenzene
Concen: 0.223 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX023846.D
Acq: 19 Aug 2021 18:34

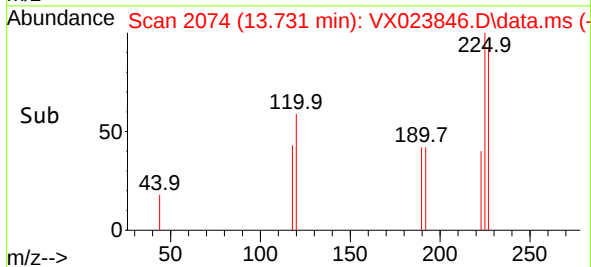
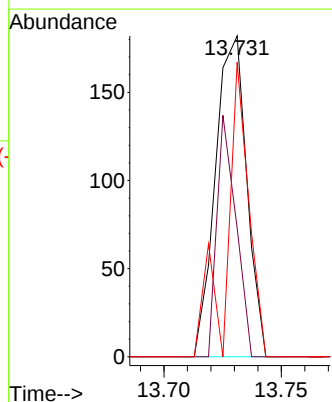
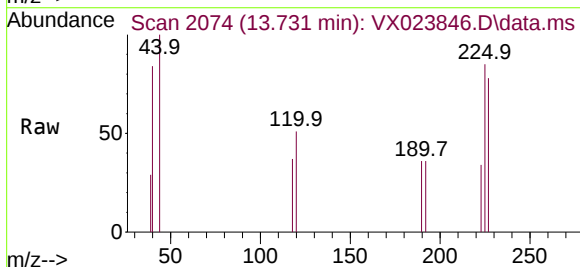
Instrument :
MSVOA_X
ClientSampleId :
BB-TT-VPB-RW7-GW-245-247

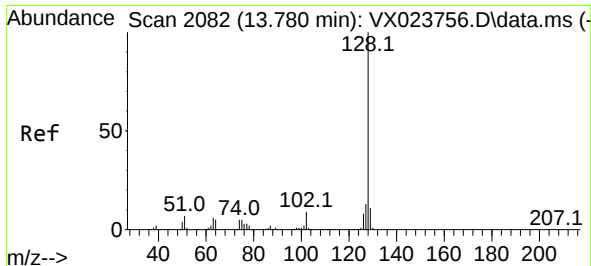
Tgt Ion:180 Resp: 394
Ion Ratio Lower Upper
180 100
182 91.9 47.7 143.1
145 12.9 15.0 45.0#



#94
Hexachlorobutadiene
Concen: 0.223 ug/l
RT: 13.731 min Scan# 2074
Delta R.T. 0.006 min
Lab File: VX023846.D
Acq: 19 Aug 2021 18:34

Tgt Ion:225 Resp: 168
Ion Ratio Lower Upper
225 100
223 45.8 31.1 93.2
227 65.5 31.6 95.0

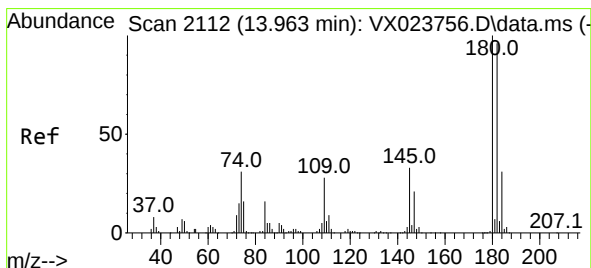
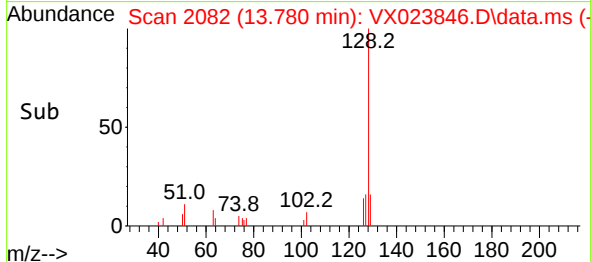
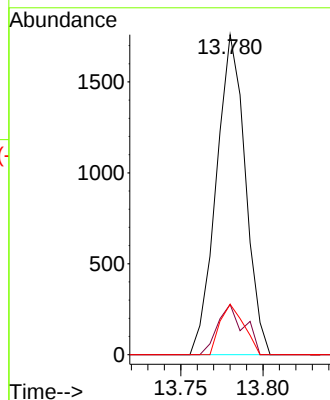
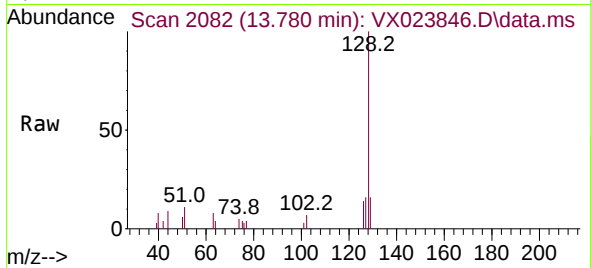




#95
Naphthalene
Concen: 1.619 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX023846.D
Acq: 19 Aug 2021 18:34

Instrument :
MSVOA_X
ClientSampleId :
BB-TT-VPB-RW7-GW-245-247

Tgt Ion:128	Resp:	2162
Ion Ratio	Lower	Upper
128	100	
127	14.4	10.3 15.5
129	13.0	8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 0.278 ug/l
RT: 13.969 min Scan# 2113
Delta R.T. 0.006 min
Lab File: VX023846.D
Acq: 19 Aug 2021 18:34

Tgt Ion:180	Resp:	469
Ion Ratio	Lower	Upper
180	100	
182	82.3	47.6 142.9
145	29.4	16.1 48.3

