

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082622\
 Data File : VX030837.D
 Acq On : 26 Aug 2022 20:11
 Operator : JC/MD
 Sample : N4278-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-MW158S1-GW-20220819

Quant Time: Aug 27 02:42:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 26 02:03:28 2022
 Response via : Initial Calibration

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

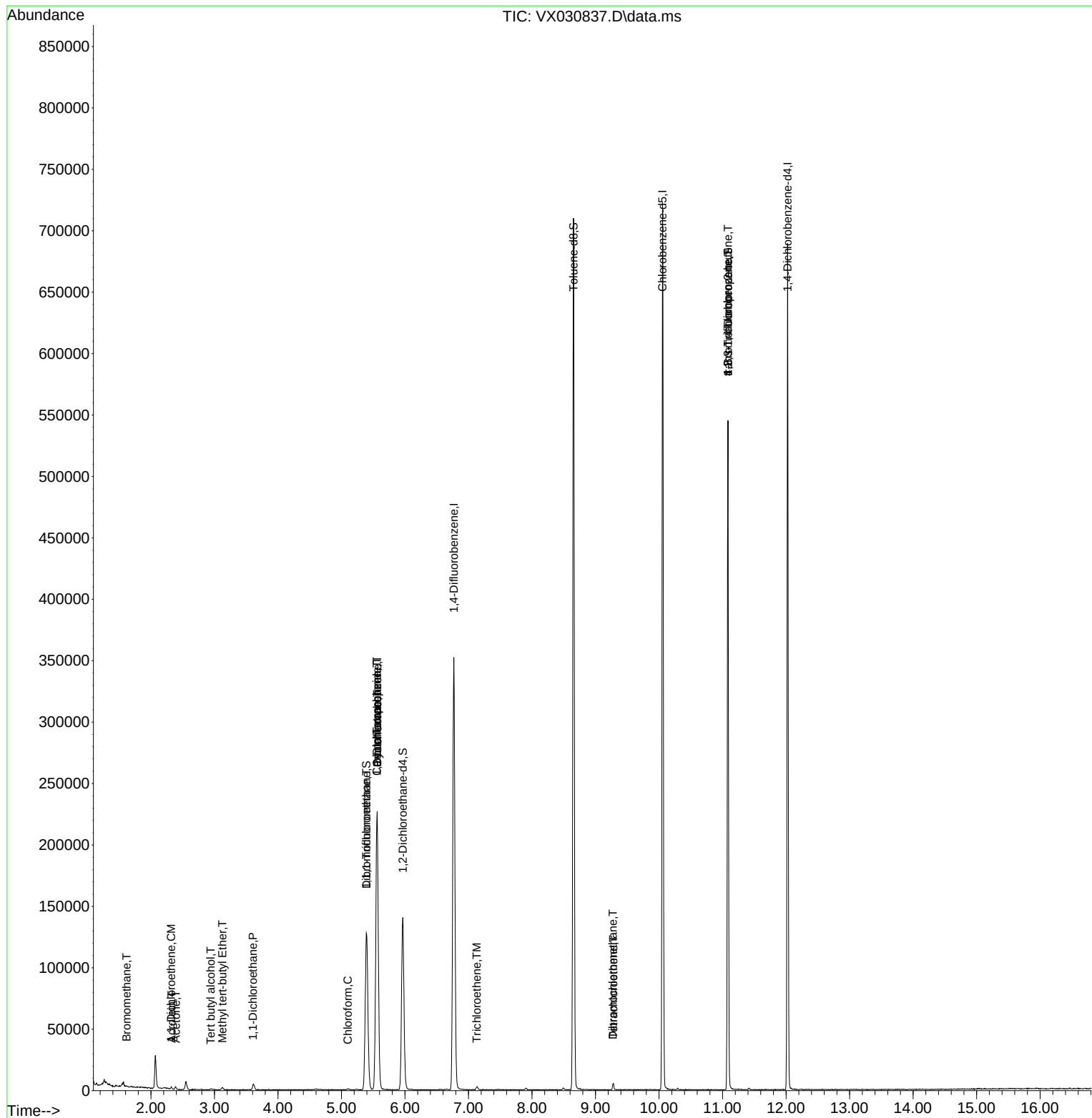
Internal Standards						
1) Pentafluorobenzene	5.562	168	212927	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	361432	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	327583	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	138395	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	136288	54.415	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.840%			
35) Dibromofluoromethane	5.391	113	113297	51.005	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.000%			
50) Toluene-d8	8.653	98	422998	54.647	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 109.300%			
62) 4-Bromofluorobenzene	11.085	95	142050	49.292	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.580%			
Target Compounds					Qvalue	
3) Chloromethane	1.294	50	630	Below Cal		92
5) Bromomethane	1.617	94	207	0.209 ug/l #		64
6) Chloroethane	1.684	64	698	Below Cal #		86
11) Tert butyl alcohol	2.940	59	475	0.874 ug/l #		74
12) 1,1-Dichloroethene	2.318	96	552	0.286 ug/l		90
13) Acrolein	2.324	56	22	10.096 ug/l #		14
16) Acetone	2.391	43	2293	1.981 ug/l		99
17) Carbon Disulfide	2.507	76	137	Below Cal #		74
19) Methyl tert-butyl Ether	3.123	73	1924	0.288 ug/l #		88
20) Methylene Chloride	2.782	84	148	Below Cal #		54
24) 1,1-Dichloroethane	3.605	63	5387	1.325 ug/l #		87
30) Chloroform	5.098	83	1137	0.266 ug/l		86
31) Cyclohexane	5.562	56	4391	1.371 ug/l #		1
32) 1,1,1-Trichloroethane	5.391	97	712	0.206 ug/l #		46
36) 1,1-Dichloropropene	5.556	75	16929	5.597 ug/l #		49
38) Carbon Tetrachloride	5.556	117	21331	6.686 ug/l #		18
44) Trichloroethene	7.128	130	1006	0.385 ug/l		72
60) Dibromochloromethane	9.274	129	923	0.353 ug/l #		11
64) Tetrachloroethene	9.280	164	1134	0.439 ug/l #		72
76) 1,2,3-Trichloropropane	11.085	75	70831	23.361 ug/l #		38
81) trans-1,4-Dichloro-2-b...	11.085	75	70831	75.372 ug/l #		12

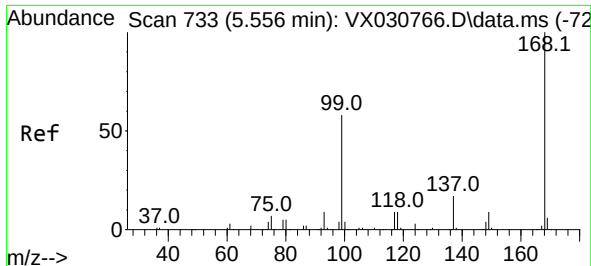
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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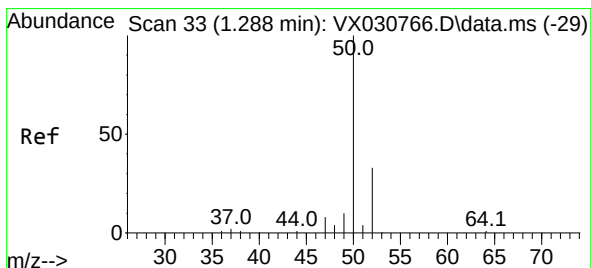
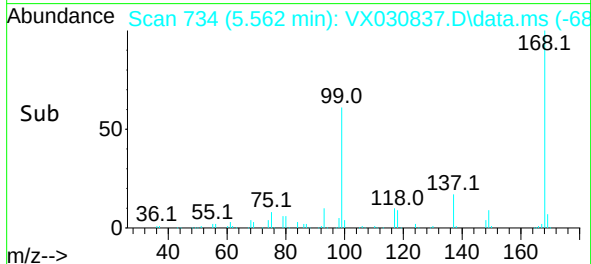
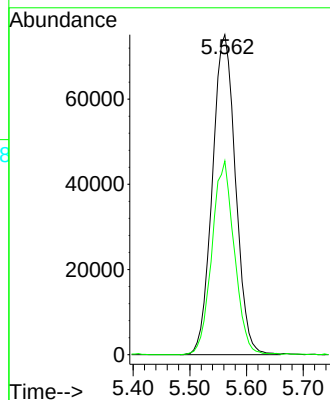
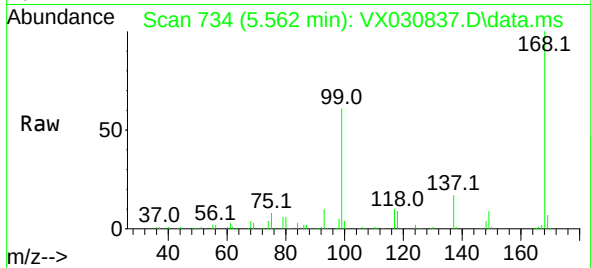




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX030837.D
Acq: 26 Aug 2022 20:11

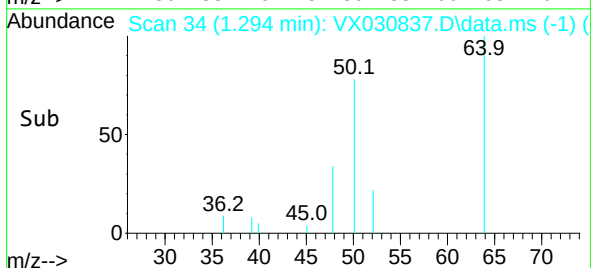
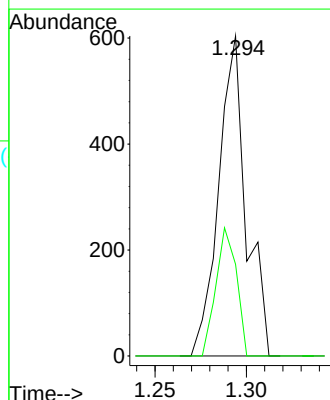
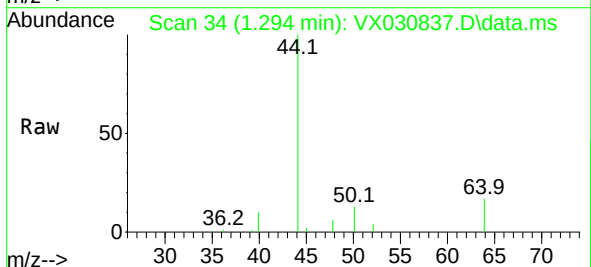
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW158S1-GW-20220819

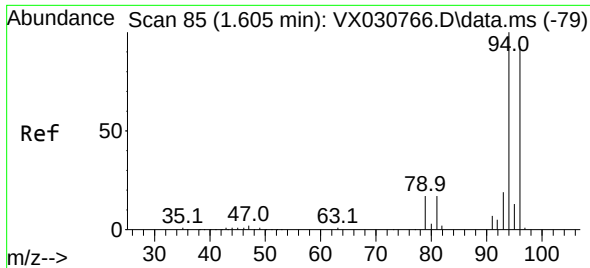
Tgt Ion:168 Resp: 212927
Ion Ratio Lower Upper
168 100
99 60.6 44.0 66.0



#3
Chloromethane
Concen: Below Cal
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX030837.D
Acq: 26 Aug 2022 20:11

Tgt Ion: 50 Resp: 630
Ion Ratio Lower Upper
50 100
52 28.6 26.3 39.5

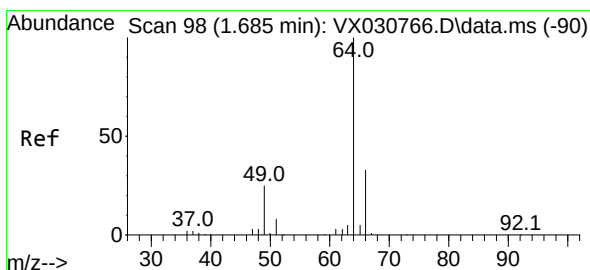
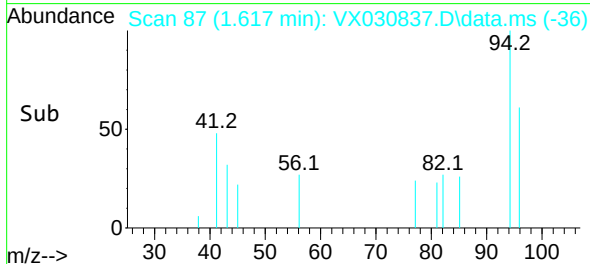
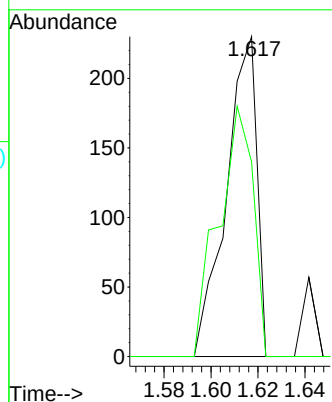
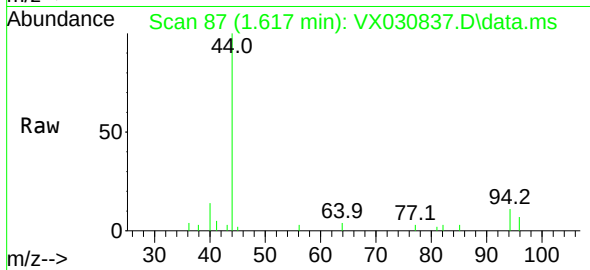




#5
Bromomethane
Concen: 0.209 ug/l
RT: 1.617 min Scan# 81
Delta R.T. 0.012 min
Lab File: VX030837.D
Acq: 26 Aug 2022 20:11

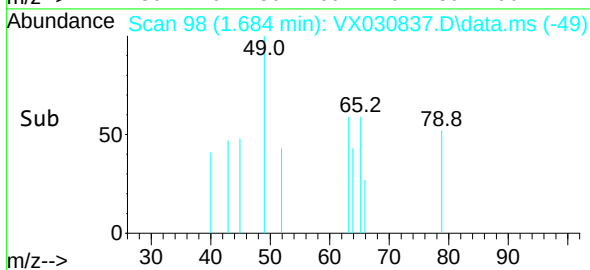
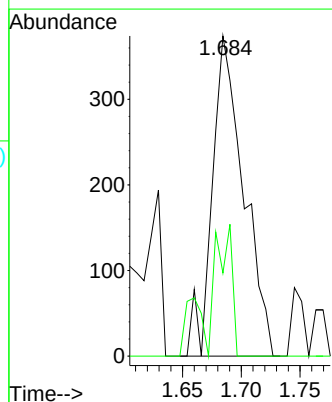
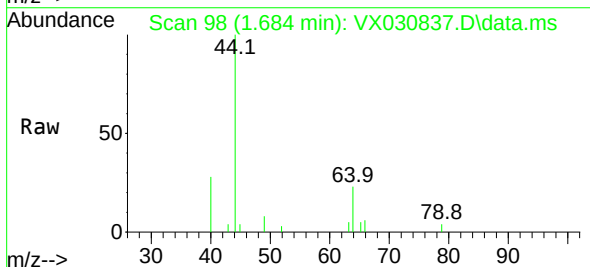
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW158S1-GW-20220819

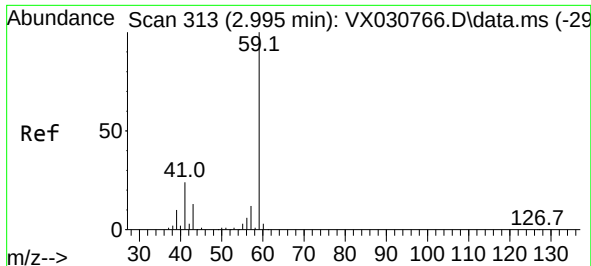
Tgt Ion: 94 Resp: 207
Ion Ratio Lower Upper
94 100
96 60.9 76.9 115.3#



#6
Chloroethane
Concen: Below Cal
RT: 1.684 min Scan# 98
Delta R.T. -0.001 min
Lab File: VX030837.D
Acq: 26 Aug 2022 20:11

Tgt Ion: 64 Resp: 698
Ion Ratio Lower Upper
64 100
66 25.9 27.2 40.8#





#11

Tert butyl alcohol

Concen: 0.874 ug/l

RT: 2.940 min Scan# 304

Delta R.T. -0.055 min

Lab File: VX030837.D

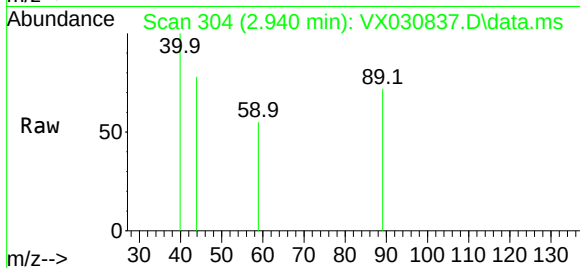
Acq: 26 Aug 2022 20:11

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-MW158S1-GW-20220819

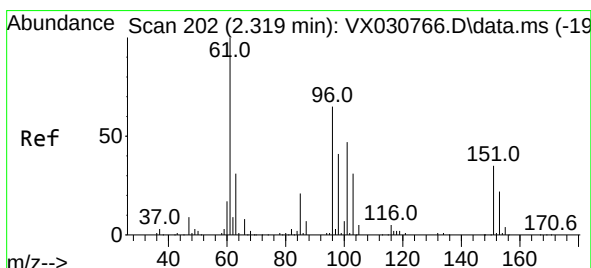
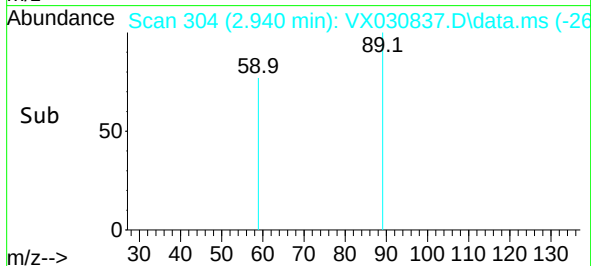
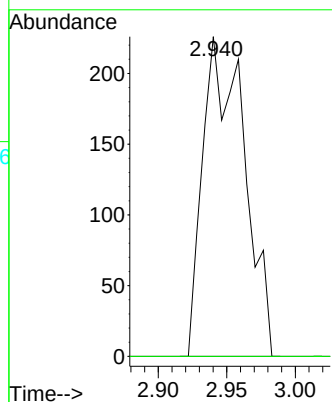


Tgt Ion: 59 Resp: 475

Ion Ratio Lower Upper

59 100

57 0.0 7.4 11.2#



#12

1,1-Dichloroethene

Concen: 0.286 ug/l

RT: 2.318 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX030837.D

Acq: 26 Aug 2022 20:11

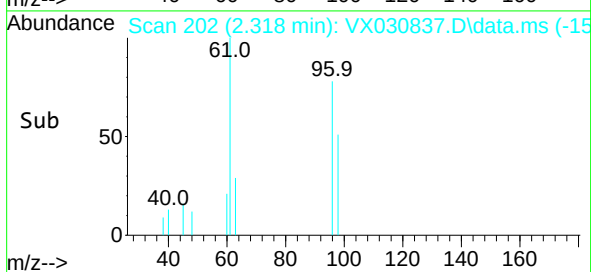
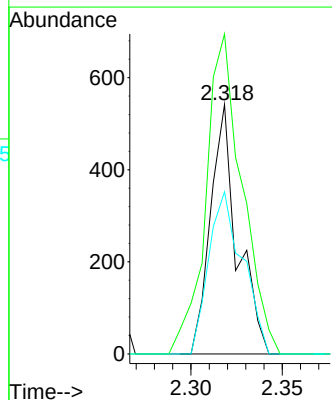
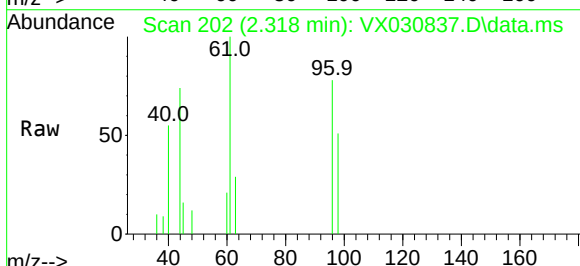
Tgt Ion: 96 Resp: 552

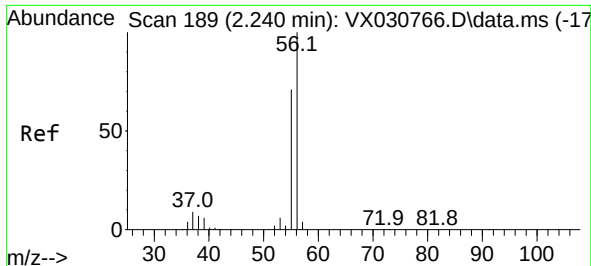
Ion Ratio Lower Upper

96 100

61 128.2 117.4 176.0

98 64.9 52.2 78.4





#13

Acrolein

Concen: 10.096 ug/l

RT: 2.324 min Scan# 20

Delta R.T. 0.084 min

Lab File: VX030837.D

Acq: 26 Aug 2022 20:11

Instrument :

MSVOA_X

ClientSampleId :

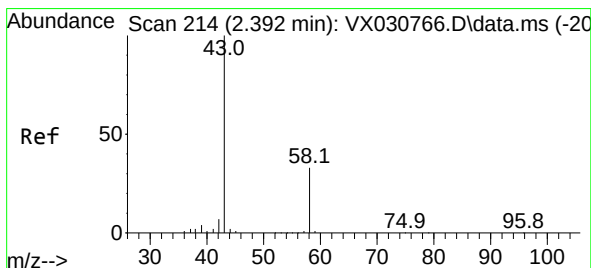
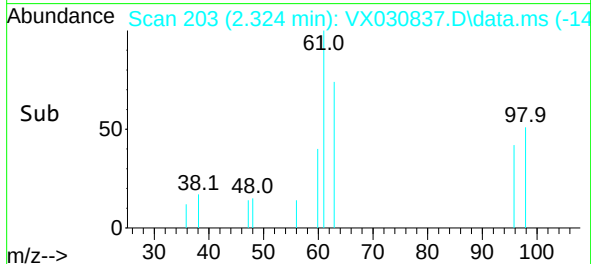
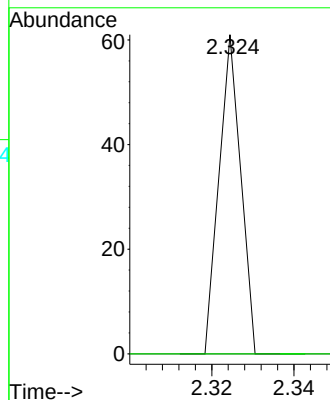
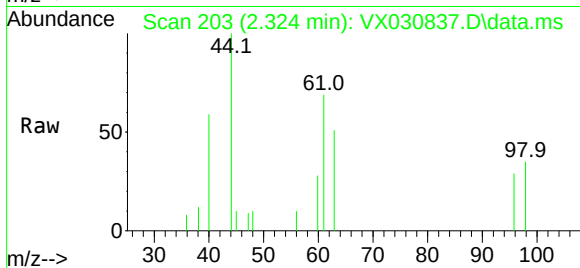
BP-TT-MW158S1-GW-20220819

Tgt Ion: 56 Resp: 22

Ion Ratio Lower Upper

56 100

55 0.0 56.6 84.8#



#16

Acetone

Concen: 1.981 ug/l

RT: 2.391 min Scan# 214

Delta R.T. -0.000 min

Lab File: VX030837.D

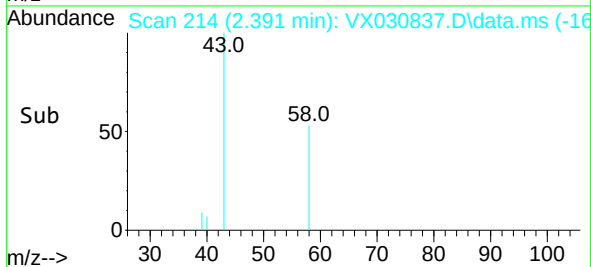
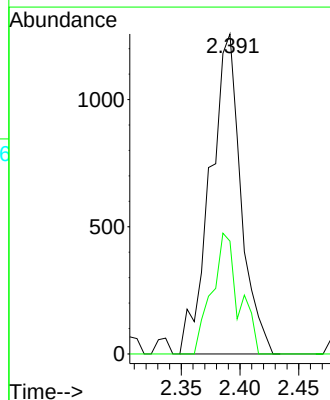
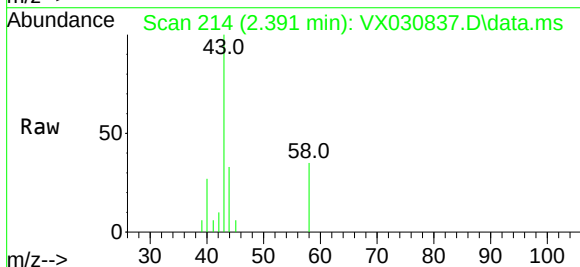
Acq: 26 Aug 2022 20:11

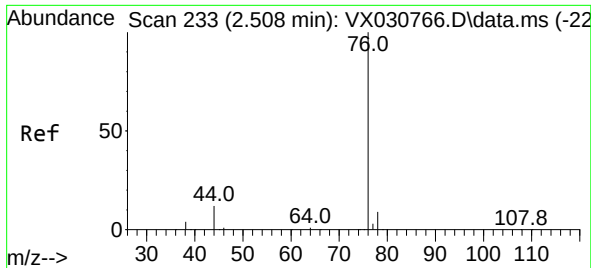
Tgt Ion: 43 Resp: 2293

Ion Ratio Lower Upper

43 100

58 35.2 27.7 41.5





#17

Carbon Disulfide

Concen: Below Cal

RT: 2.507 min Scan# 21

Delta R.T. -0.001 min

Lab File: VX030837.D

Acq: 26 Aug 2022 20:11

Instrument :

MSVOA_X

ClientSampleId :

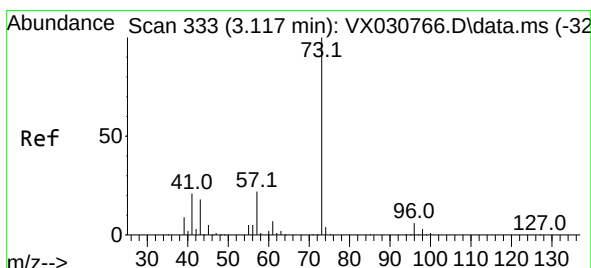
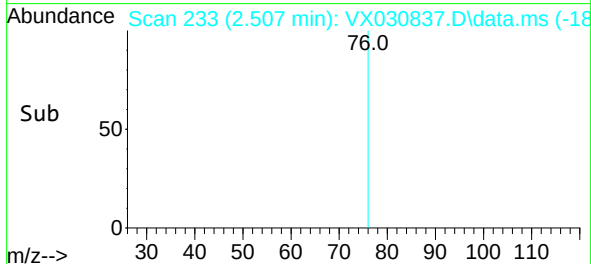
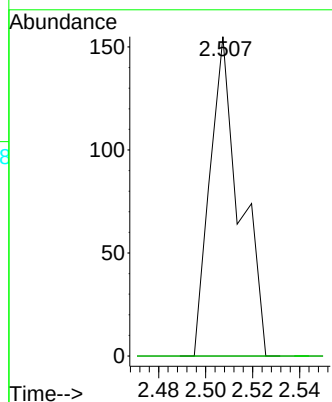
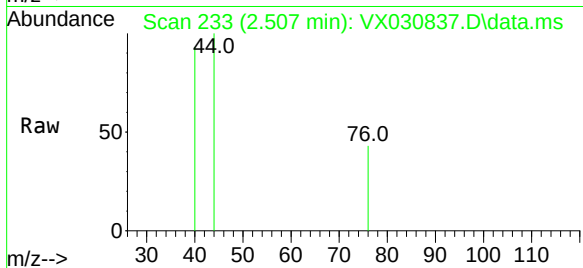
BP-TT-MW158S1-GW-20220819

Tgt Ion: 76 Resp: 137

Ion Ratio Lower Upper

76 100

78 0.0 7.8 11.6#



#19

Methyl tert-butyl Ether

Concen: 0.288 ug/l

RT: 3.123 min Scan# 334

Delta R.T. 0.006 min

Lab File: VX030837.D

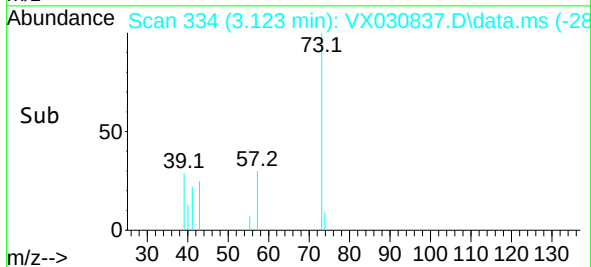
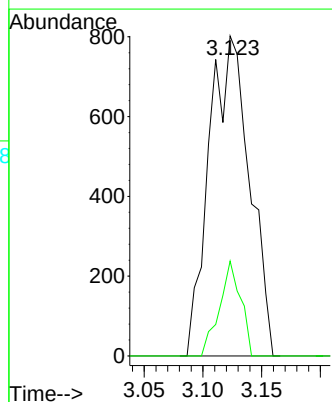
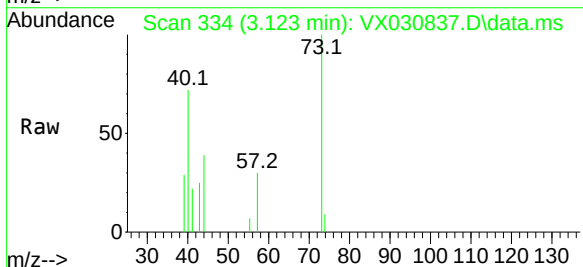
Acq: 26 Aug 2022 20:11

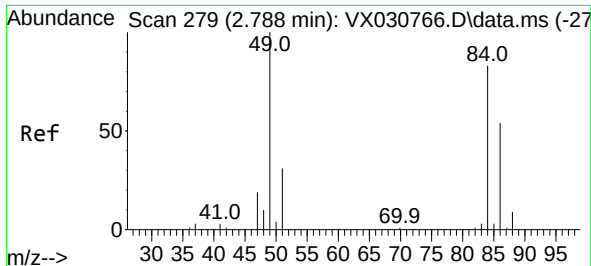
Tgt Ion: 73 Resp: 1924

Ion Ratio Lower Upper

73 100

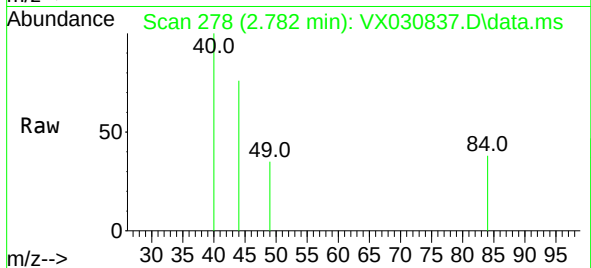
57 29.7 19.0 28.6#



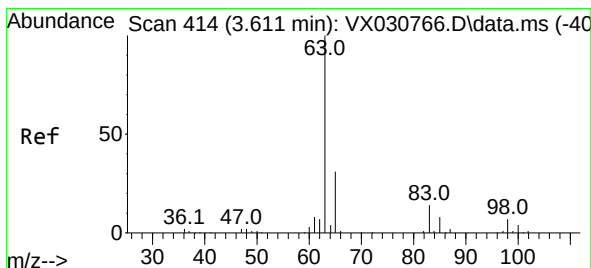
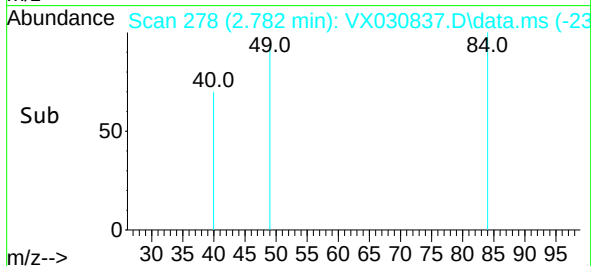
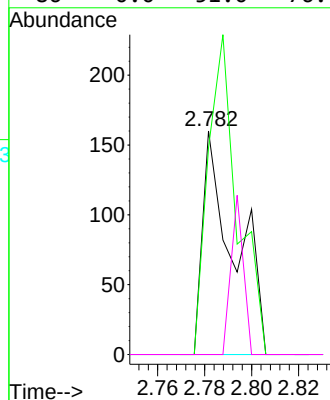


#20
Methylene Chloride
Concen: Below Cal
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX030837.D
Acq: 26 Aug 2022 20:11

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW158S1-GW-20220819

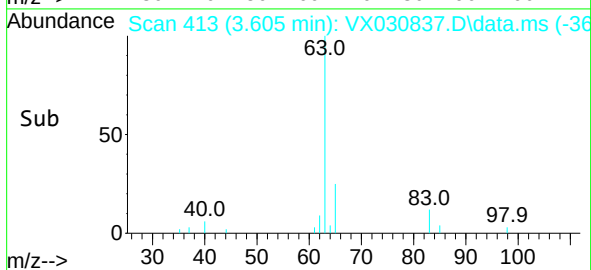
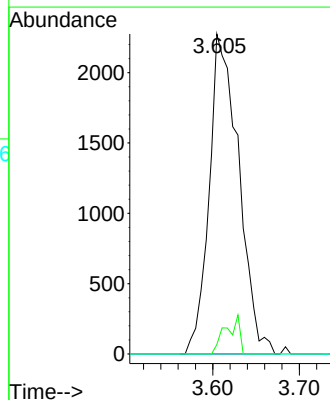
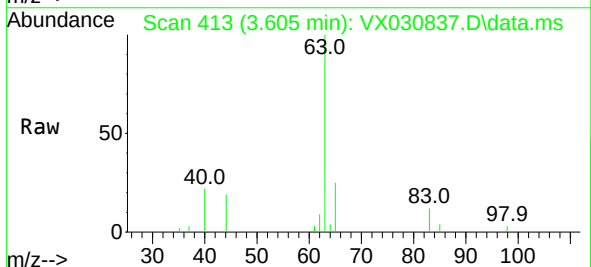


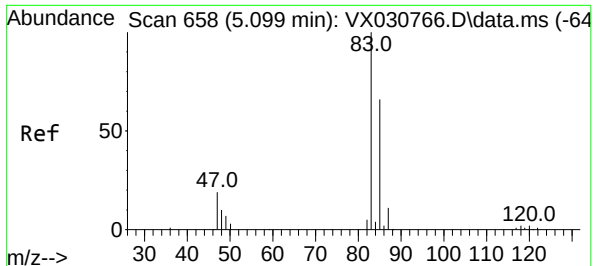
Tgt Ion:	84	Resp:	148
Ion	Ratio	Lower	Upper
84	100		
49	92.5	93.8	140.6#
51	0.0	29.4	44.0#
86	0.0	51.0	76.4#



#24
1,1-Dichloroethane
Concen: 1.325 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.006 min
Lab File: VX030837.D
Acq: 26 Aug 2022 20:11

Tgt Ion:	63	Resp:	5387
Ion	Ratio	Lower	Upper
63	100		
98	2.9	3.5	10.5#
100	0.0	2.3	6.9#





#30

Chloroform

Concen: 0.266 ug/l

RT: 5.098 min Scan# 61

Delta R.T. -0.001 min

Lab File: VX030837.D

Acq: 26 Aug 2022 20:11

Instrument :

MSVOA_X

ClientSampleId :

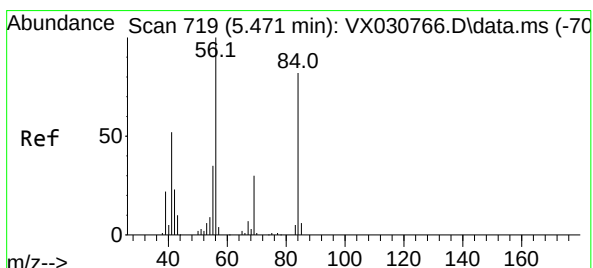
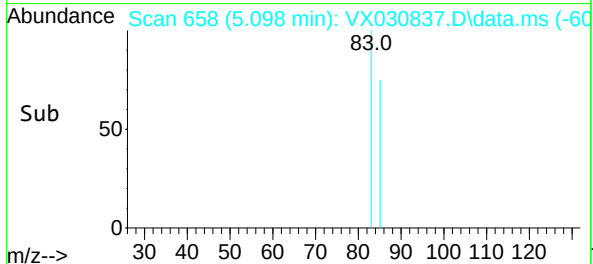
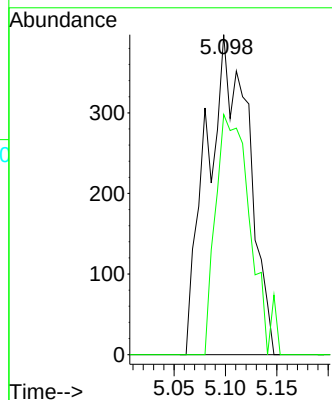
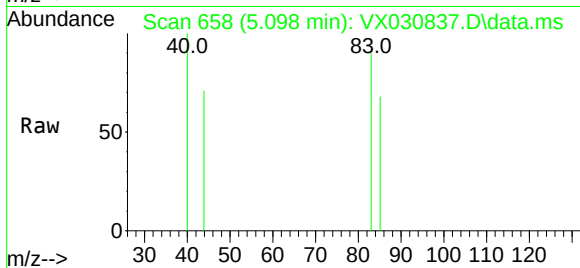
BP-TT-MW158S1-GW-20220819

Tgt Ion: 83 Resp: 1137

Ion Ratio Lower Upper

83 100

85 75.1 51.5 77.3



#31

Cyclohexane

Concen: 1.371 ug/l

RT: 5.562 min Scan# 734

Delta R.T. 0.091 min

Lab File: VX030837.D

Acq: 26 Aug 2022 20:11

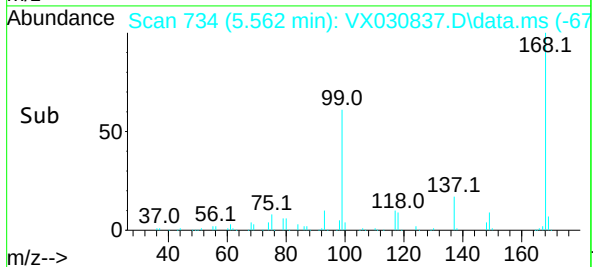
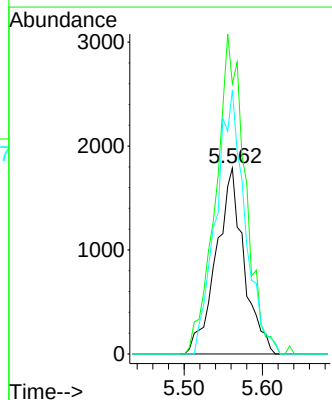
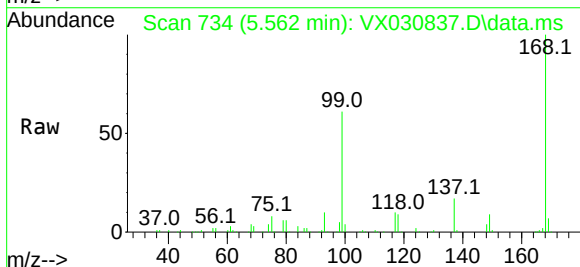
Tgt Ion: 56 Resp: 4391

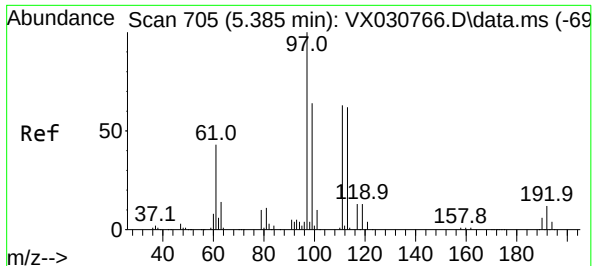
Ion Ratio Lower Upper

56 100

69 145.3 25.4 38.0#

84 142.0 68.9 103.3#

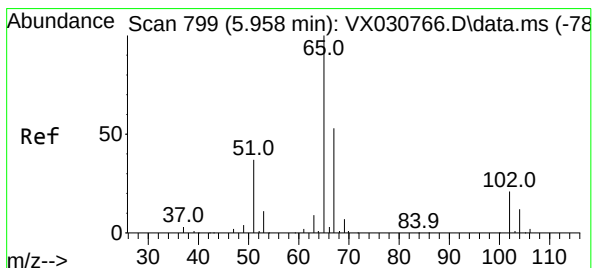
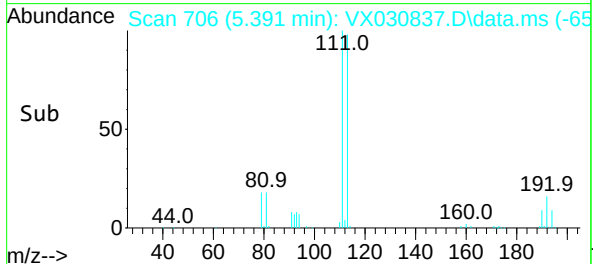
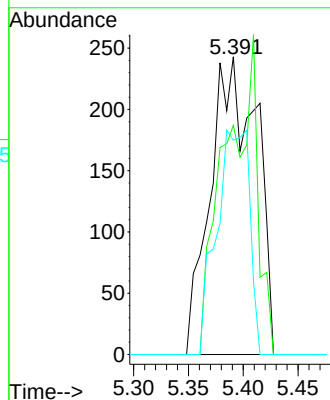
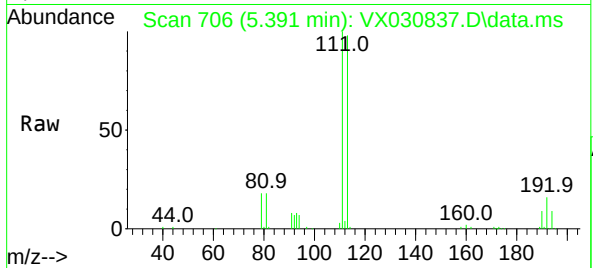




#32
1,1,1-Trichloroethane
Concen: 0.206 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX030837.D
Acq: 26 Aug 2022 20:11

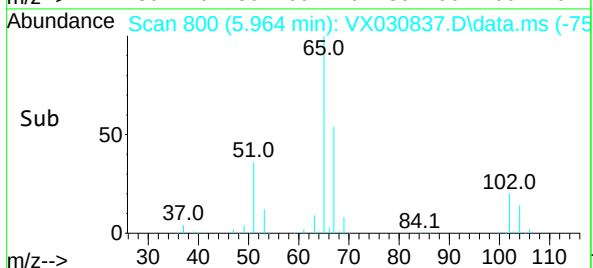
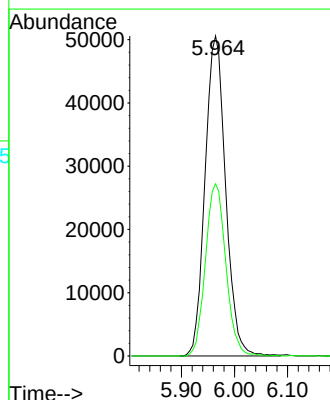
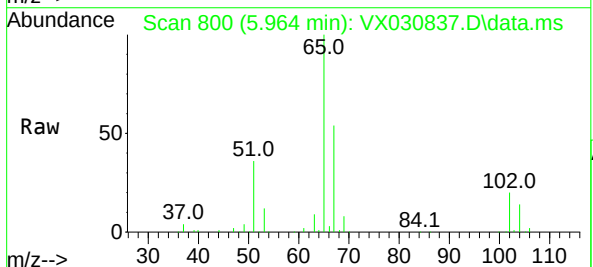
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW158S1-GW-20220819

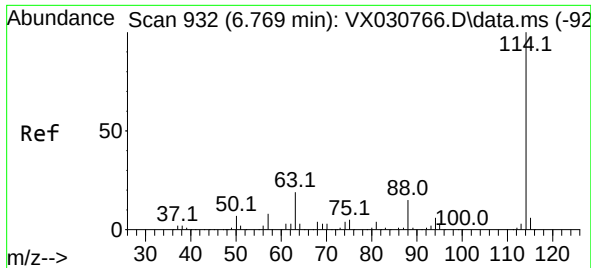
Tgt Ion: 97 Resp: 712
Ion Ratio Lower Upper
97 100
99 0.0 51.4 77.0#
61 54.1 35.8 53.8#



#33
1,2-Dichloroethane-d4
Concen: 54.415 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX030837.D
Acq: 26 Aug 2022 20:11

Tgt Ion: 65 Resp: 136288
Ion Ratio Lower Upper
65 100
67 53.4 0.0 109.6

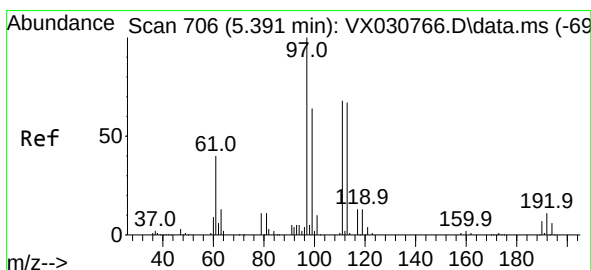
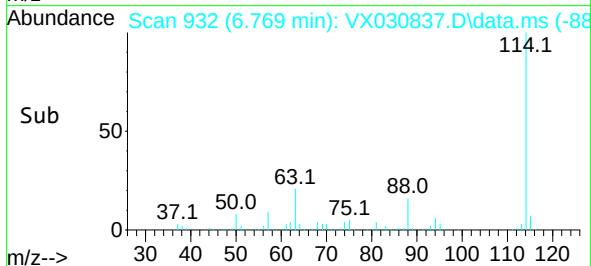
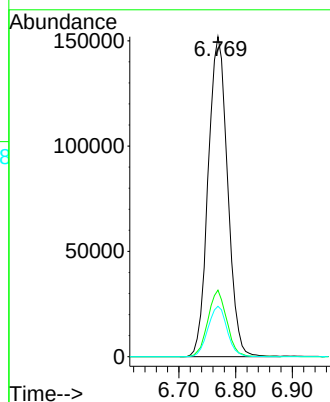
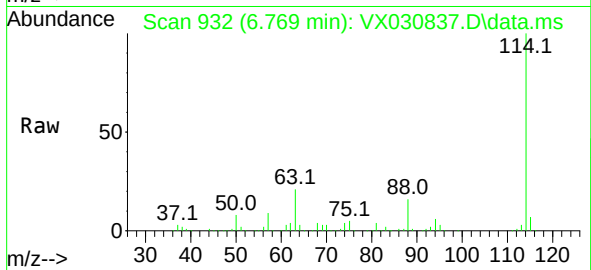




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX030837.D
Acq: 26 Aug 2022 20:11

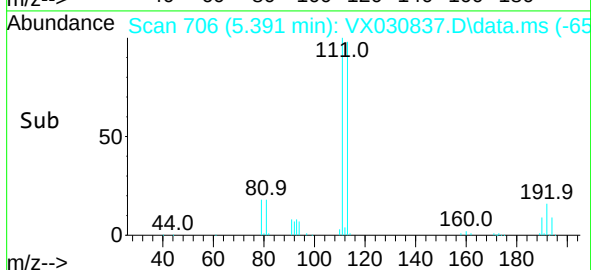
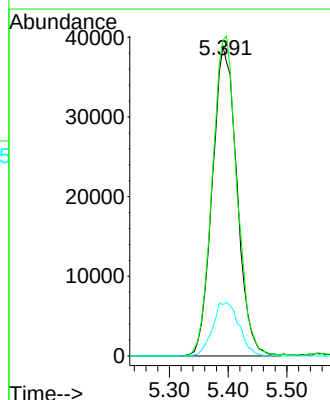
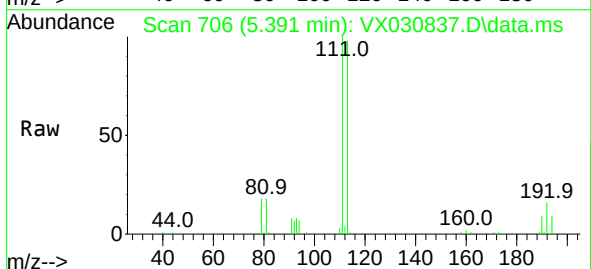
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW158S1-GW-20220819

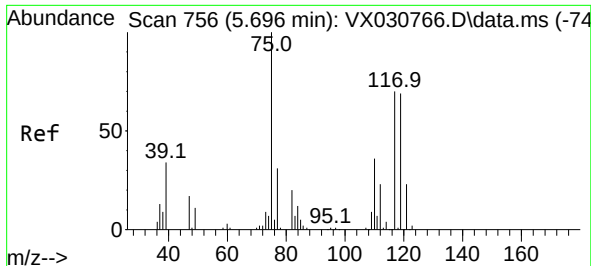
Tgt Ion:114 Resp: 361432
Ion Ratio Lower Upper
114 100
63 20.8 0.0 38.4
88 15.7 0.0 31.8



#35
Dibromofluoromethane
Concen: 51.005 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX030837.D
Acq: 26 Aug 2022 20:11

Tgt Ion:113 Resp: 113297
Ion Ratio Lower Upper
113 100
111 104.0 83.2 124.8
192 18.5 14.8 22.2

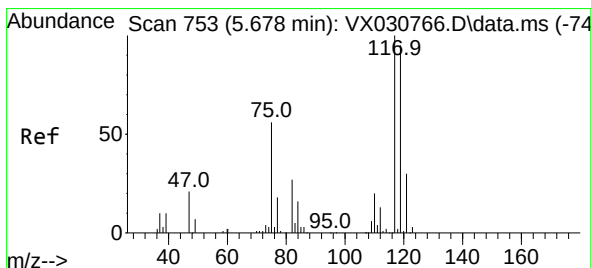
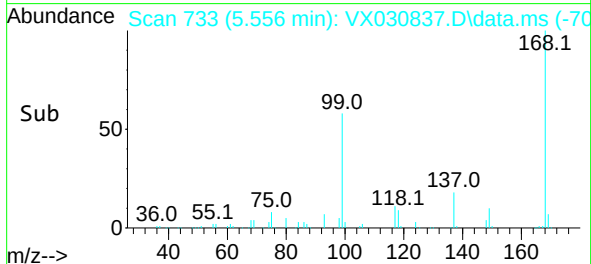
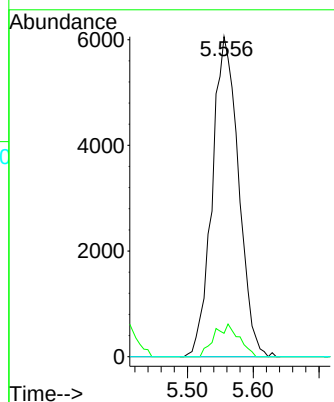
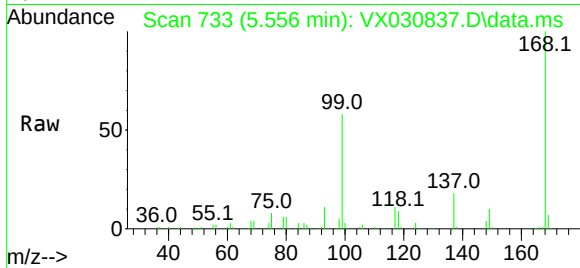




#36
1,1-Dichloropropene
Concen: 5.597 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX030837.D
Acq: 26 Aug 2022 20:11

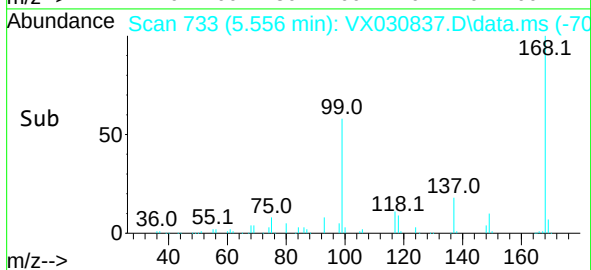
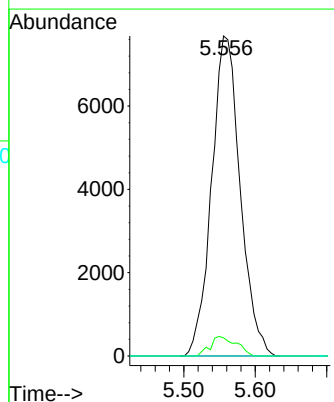
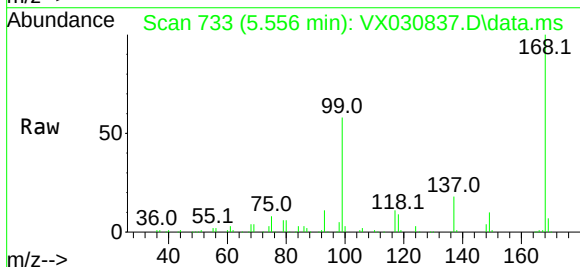
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW158S1-GW-20220819

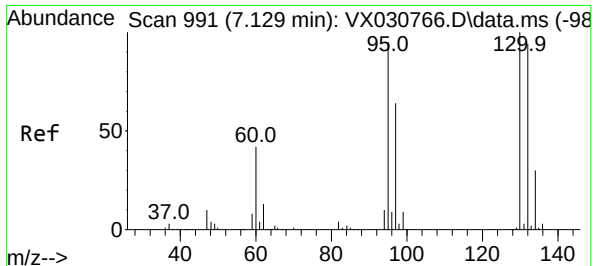
Tgt Ion: 75 Resp: 16929
Ion Ratio Lower Upper
75 100
110 9.6 19.3 57.9#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 6.686 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX030837.D
Acq: 26 Aug 2022 20:11

Tgt Ion: 117 Resp: 21331
Ion Ratio Lower Upper
117 100
119 5.7 74.1 111.1#
121 0.0 25.8 38.8#

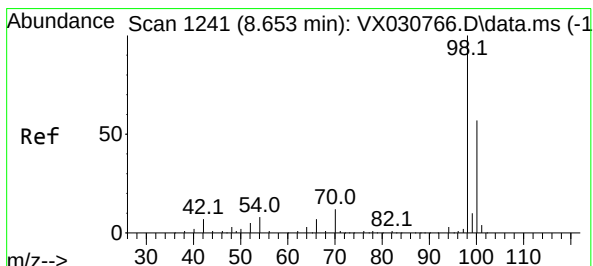
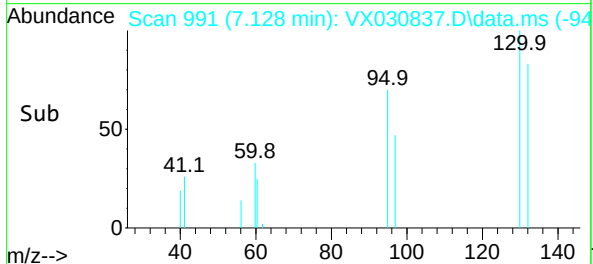
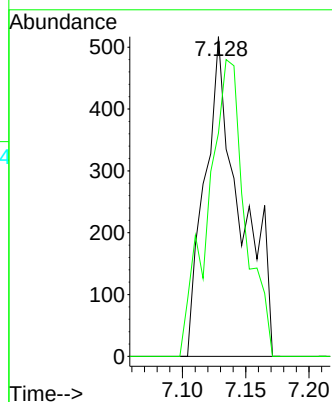
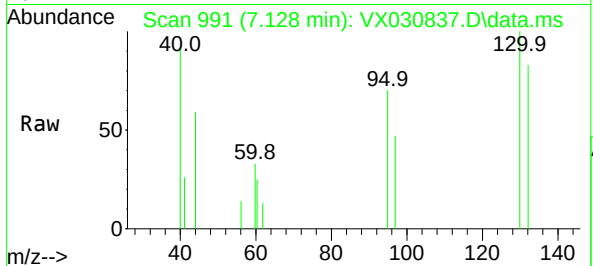




#44
Trichloroethene
Concen: 0.385 ug/l
RT: 7.128 min Scan# 91
Delta R.T. -0.001 min
Lab File: VX030837.D
Acq: 26 Aug 2022 20:11

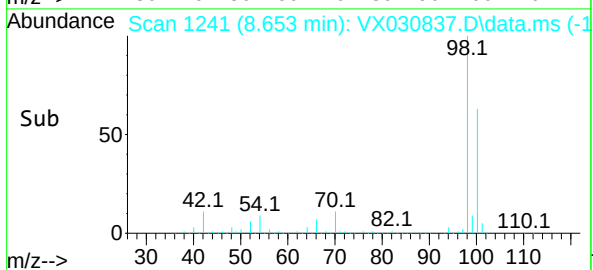
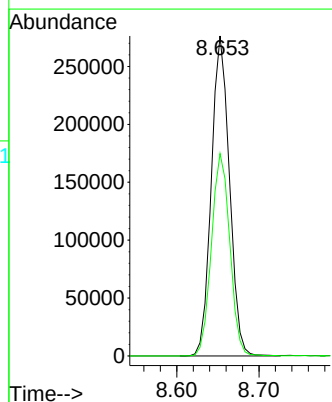
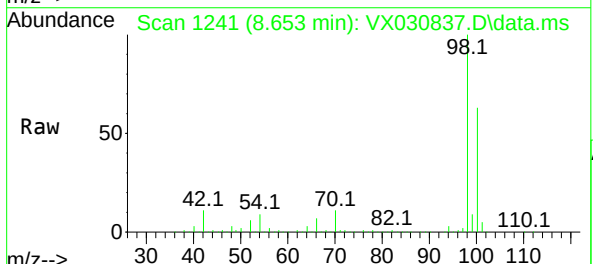
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW158S1-GW-20220819

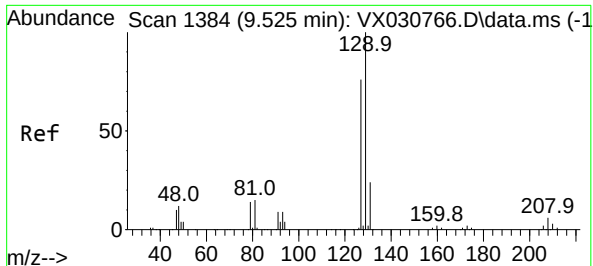
Tgt Ion:130 Resp: 1006
Ion Ratio Lower Upper
130 100
95 69.8 0.0 194.8



#50
Toluene-d8
Concen: 54.647 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX030837.D
Acq: 26 Aug 2022 20:11

Tgt Ion: 98 Resp: 422998
Ion Ratio Lower Upper
98 100
100 64.1 52.3 78.5

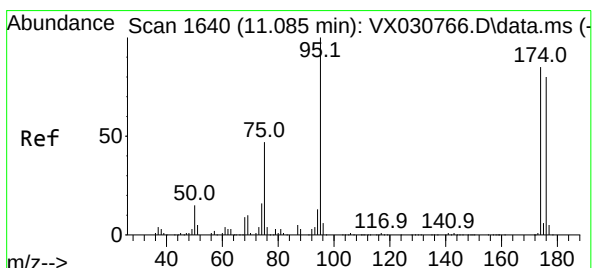
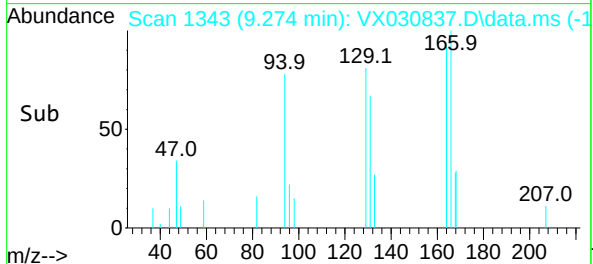
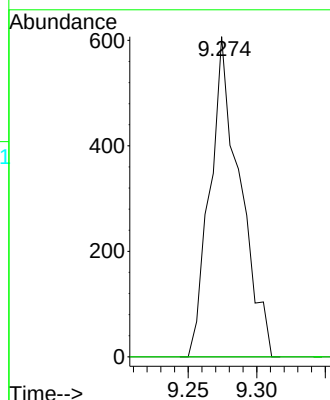
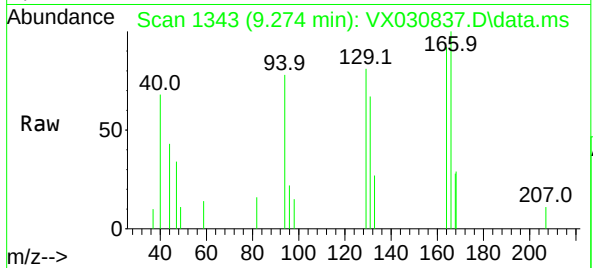




#60
Dibromochloromethane
Concen: 0.353 ug/l
RT: 9.274 min Scan# 11
Delta R.T. -0.251 min
Lab File: VX030837.D
Acq: 26 Aug 2022 20:11

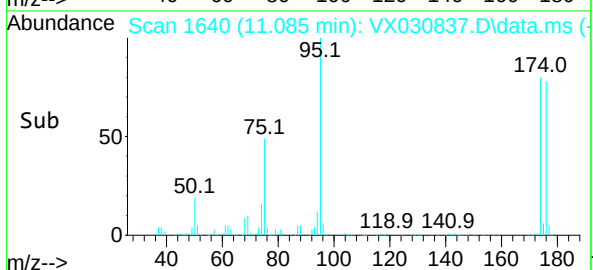
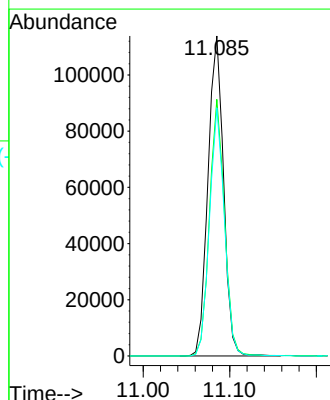
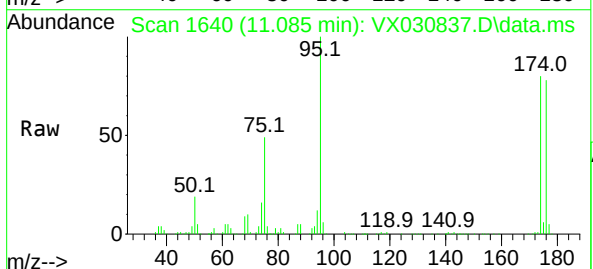
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW158S1-GW-20220819

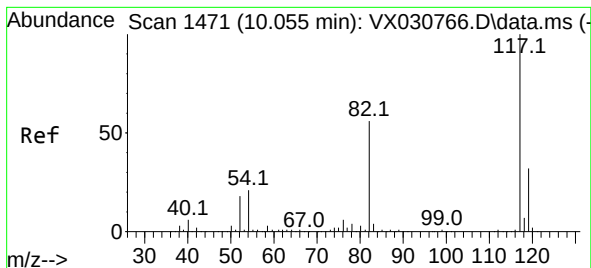
Tgt Ion:129 Resp: 923
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#



#62
4-Bromofluorobenzene
Concen: 49.292 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX030837.D
Acq: 26 Aug 2022 20:11

Tgt Ion: 95 Resp: 142050
Ion Ratio Lower Upper
95 100
174 77.5 0.0 149.0
176 74.6 0.0 146.0

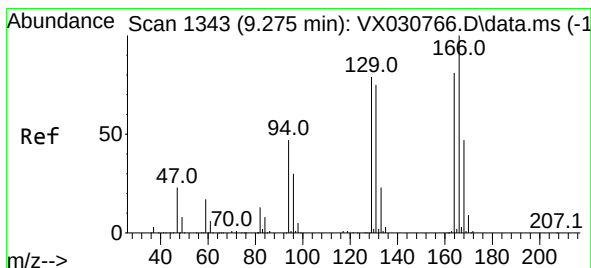
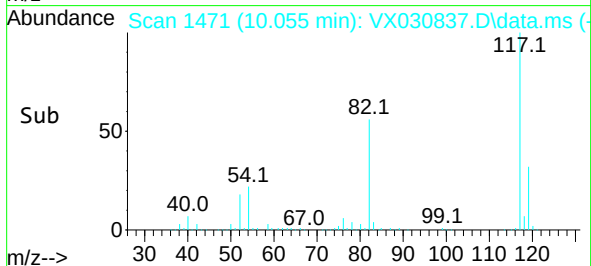
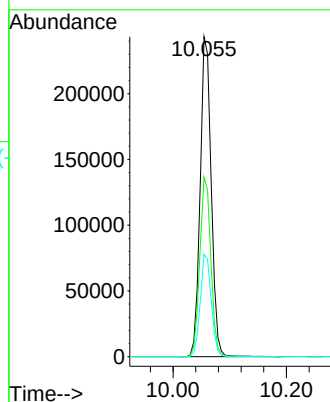
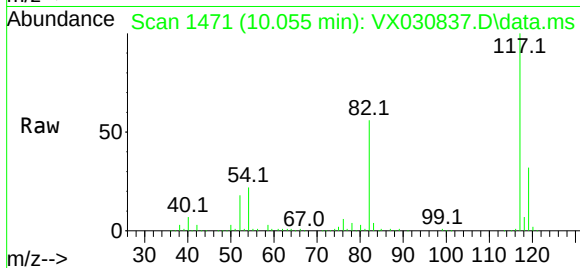




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX030837.D
Acq: 26 Aug 2022 20:11

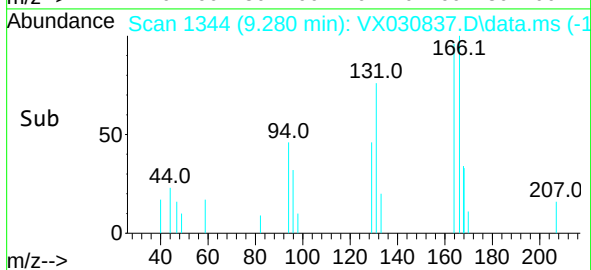
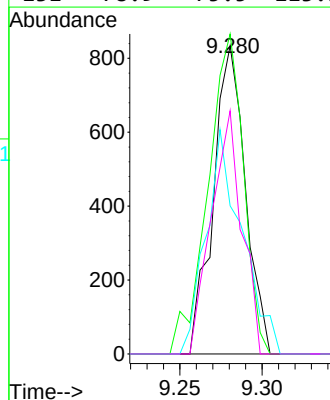
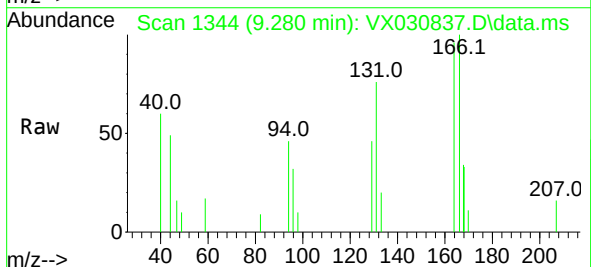
Instrument : MSVOA_X
ClientSampleId : BP-TT-MW158S1-GW-20220819

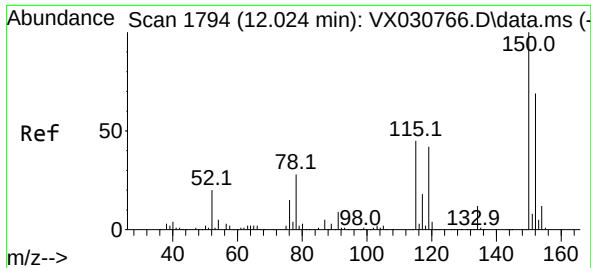
Tgt Ion:117 Resp: 327583
Ion Ratio Lower Upper
117 100
82 56.1 42.7 64.1
119 32.0 25.4 38.2



#64
Tetrachloroethene
Concen: 0.439 ug/l
RT: 9.280 min Scan# 1344
Delta R.T. 0.005 min
Lab File: VX030837.D
Acq: 26 Aug 2022 20:11

Tgt Ion:164 Resp: 1134
Ion Ratio Lower Upper
164 100
166 103.8 98.2 147.4
129 48.1 80.8 121.2#
131 78.9 75.5 113.3

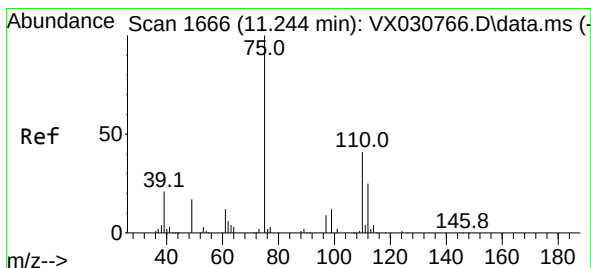
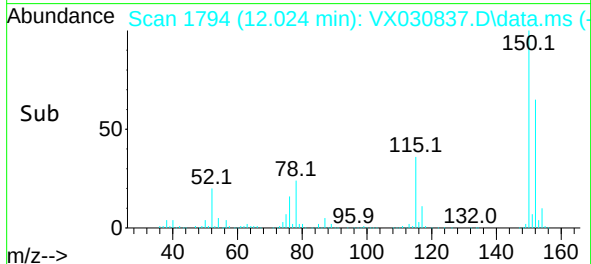
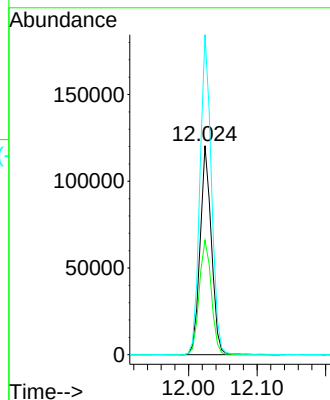
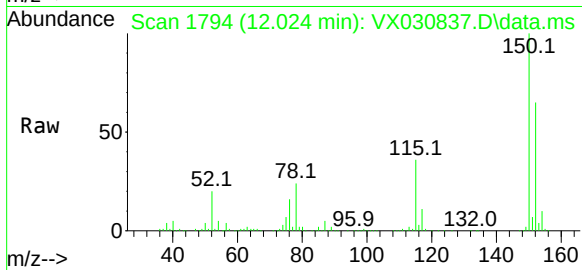




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX030837.D
 Acq: 26 Aug 2022 20:11

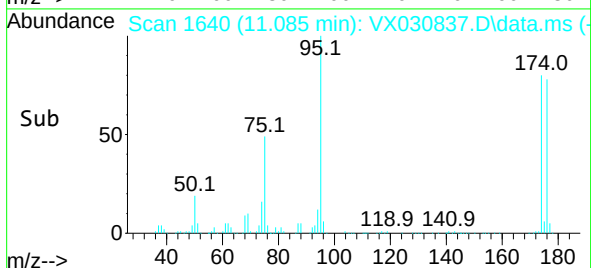
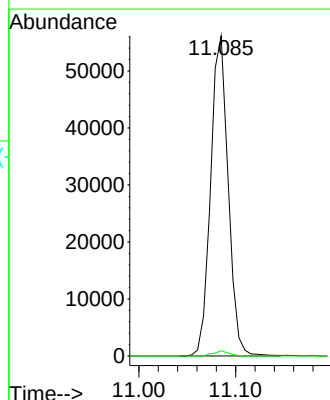
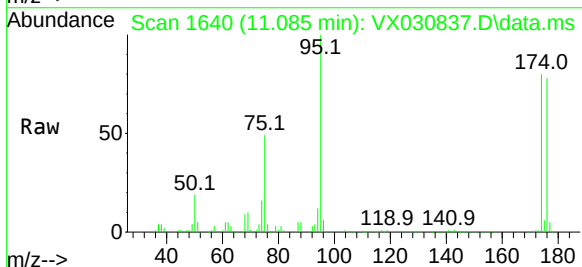
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-MW158S1-GW-20220819

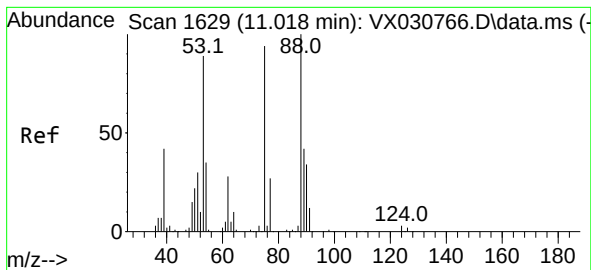
Tgt Ion:152 Resp: 138395
 Ion Ratio Lower Upper
 152 100
 115 58.5 40.5 121.5
 150 155.3 0.0 347.0



#76
 1,2,3-Trichloropropane
 Concen: 23.361 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX030837.D
 Acq: 26 Aug 2022 20:11

Tgt Ion: 75 Resp: 70831
 Ion Ratio Lower Upper
 75 100
 77 1.4 19.8 59.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 75.372 ug/l
 RT: 11.085 min Scan# 11
 Delta R.T. 0.067 min
 Lab File: VX030837.D
 Acq: 26 Aug 2022 20:11

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-MW158S1-GW-20220819

Tgt Ion: 75 Resp: 70831
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.2 111.4#
 89 0.0 34.8 52.2#

