

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082322\
 Data File : VY010177.D
 Acq On : 23 Aug 2022 19:55
 Operator : KP/MD
 Sample : N4292-01
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-04-082222

Quant Time: Aug 24 04:35:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081922S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 22 02:37:07 2022
 Response via : Initial Calibration

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

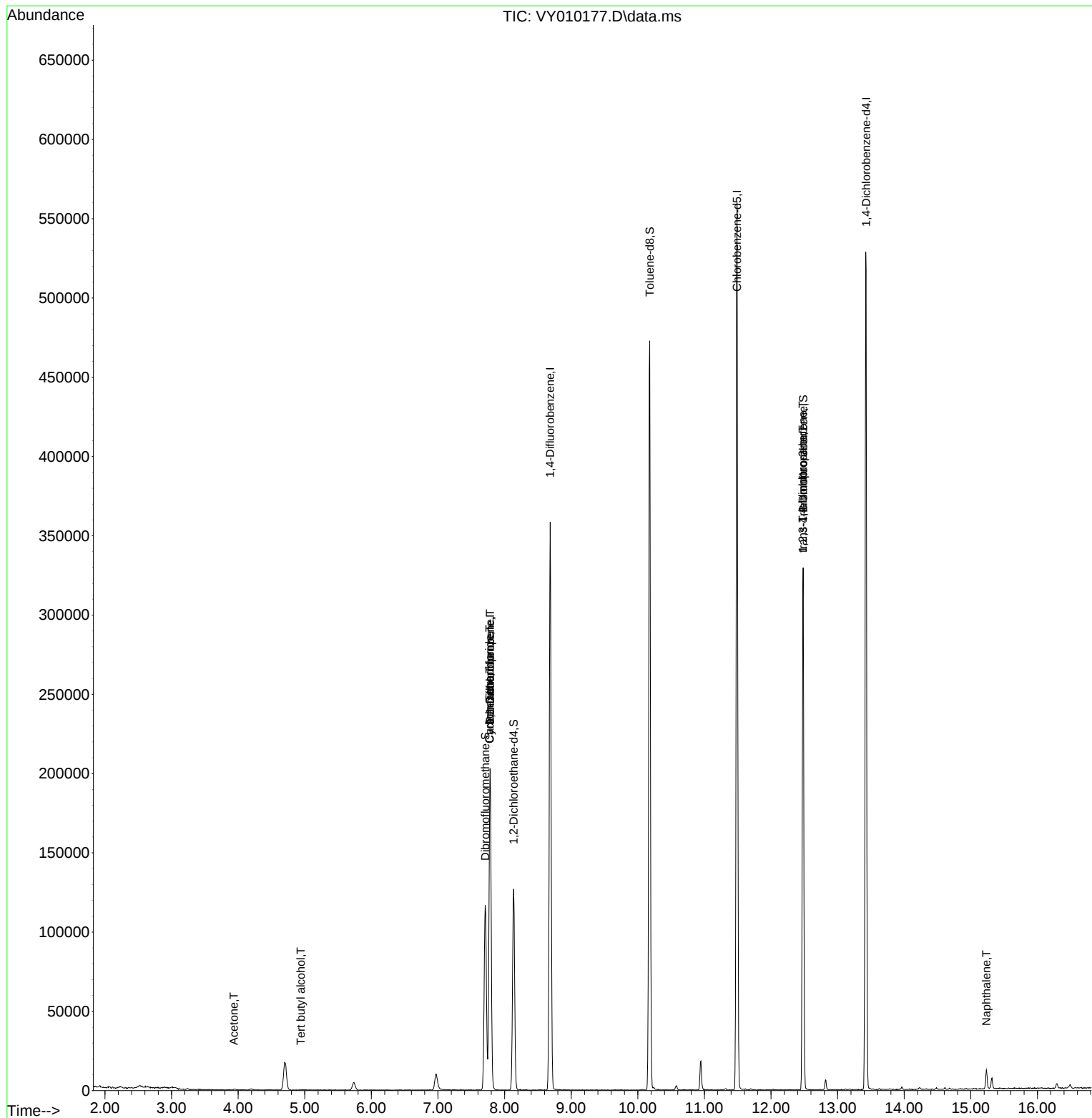
Internal Standards						
1) Pentafluorobenzene	7.783	168	163073	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	305978	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	307385	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	141599	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	94202	70.525	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	141.060%
35) Dibromofluoromethane	7.710	113	84870	49.225	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.440%
50) Toluene-d8	10.179	98	313089	48.462	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.920%
62) 4-Bromofluorobenzene	12.483	95	100213	43.415	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	86.820%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	412	13.305	ug/l #	73
16) Acetone	3.936	43	737	2.205	ug/l	89
20) Methylene Chloride	4.698	84	13423	Below Cal		90
31) Cyclohexane	7.777	56	3295	1.204	ug/l #	17
36) 1,1-Dichloropropene	7.783	75	12035	4.373	ug/l #	49
38) Carbon Tetrachloride	7.777	117	15288	5.297	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	50013	37.714	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	50013	75.749	ug/l #	18
95) Naphthalene	15.233	128	9610	5.552	ug/l	96

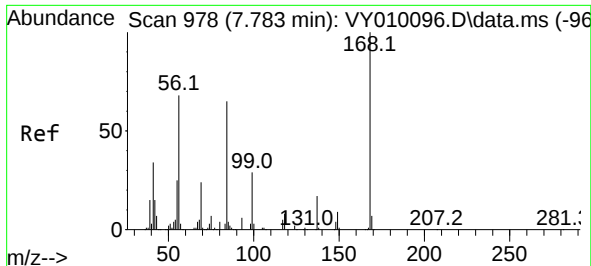
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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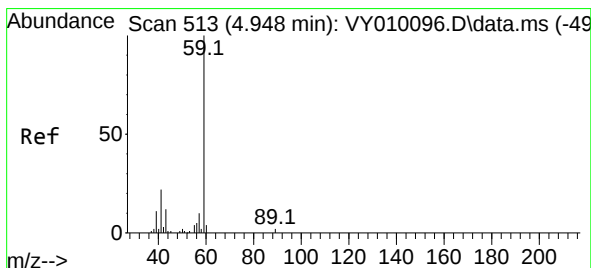
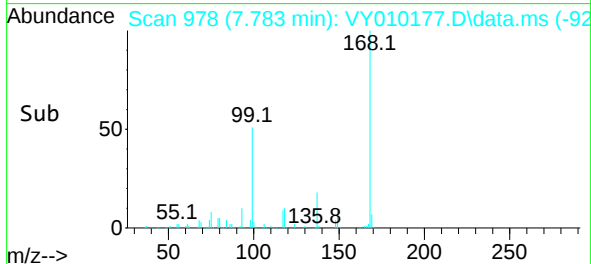
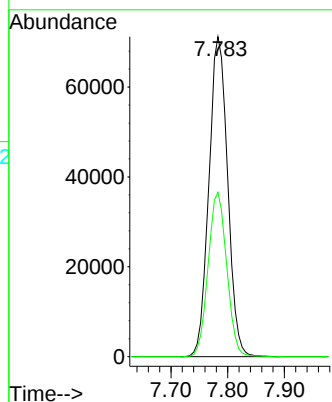
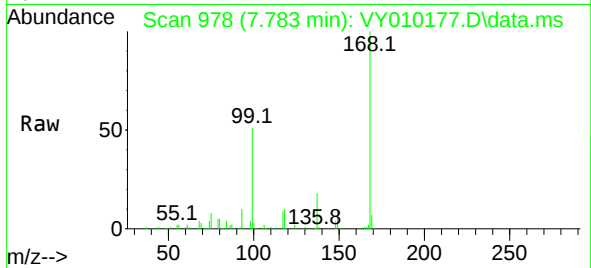




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010177.D
Acq: 23 Aug 2022 19:55

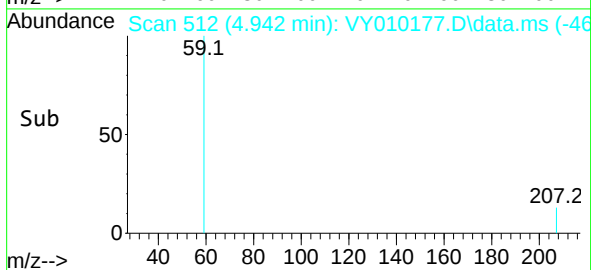
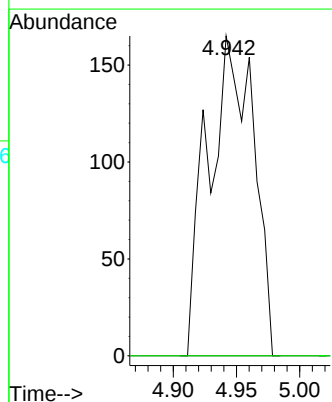
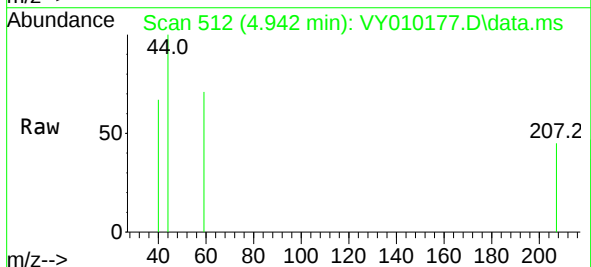
Instrument :
MSVOA_Y
ClientSampleId :
TR-04-082222

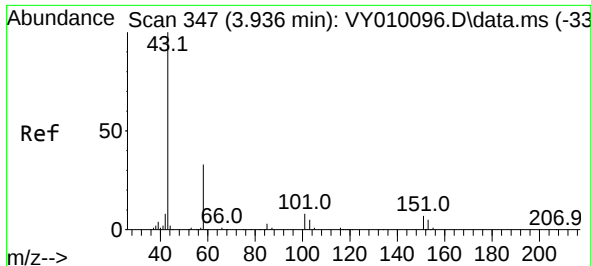
Tgt Ion:168 Resp: 163073
Ion Ratio Lower Upper
168 100
99 51.4 40.7 61.1



#11
Tert butyl alcohol
Concen: 13.305 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.006 min
Lab File: VY010177.D
Acq: 23 Aug 2022 19:55

Tgt Ion: 59 Resp: 412
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#





#16

Acetone

Concen: 2.205 ug/l

RT: 3.936 min Scan# 34

Delta R.T. -0.000 min

Lab File: VY010177.D

Acq: 23 Aug 2022 19:55

Instrument :

MSVOA_Y

ClientSampleId :

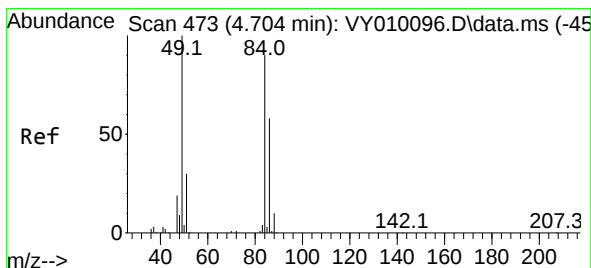
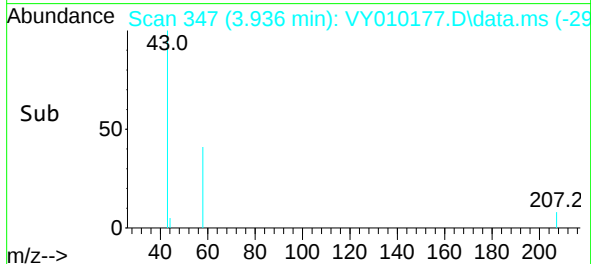
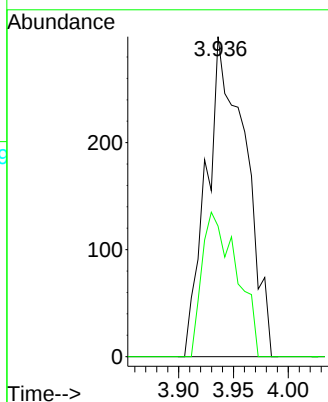
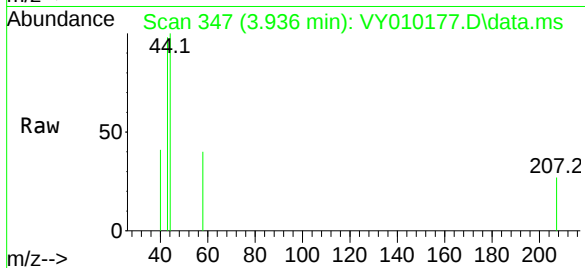
TR-04-082222

Tgt Ion: 43 Resp: 737

Ion Ratio Lower Upper

43 100

58 40.8 27.4 41.0



#20

Methylene Chloride

Concen: Below Cal

RT: 4.698 min Scan# 472

Delta R.T. -0.006 min

Lab File: VY010177.D

Acq: 23 Aug 2022 19:55

Tgt Ion: 84 Resp: 13423

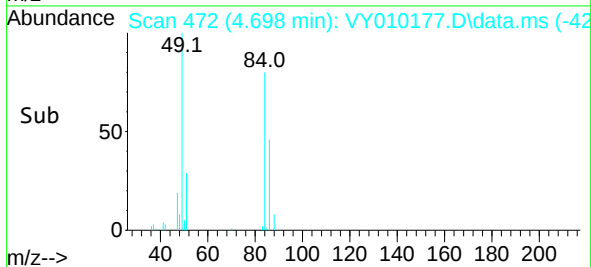
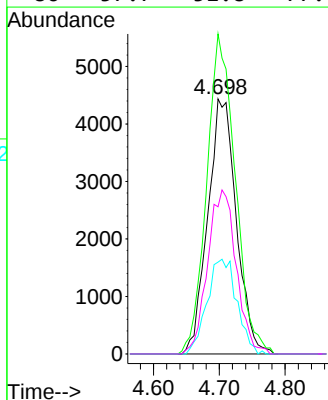
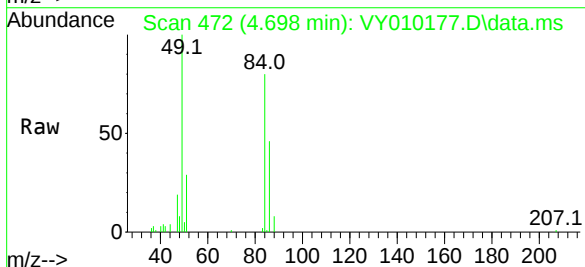
Ion Ratio Lower Upper

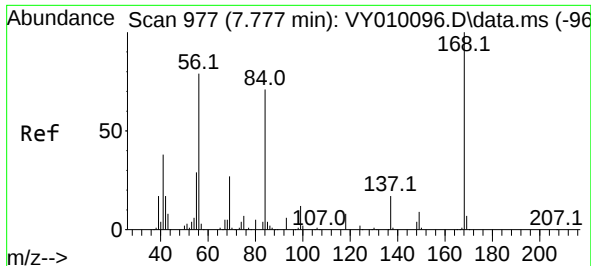
84 100

49 125.4 89.0 133.4

51 36.0 27.0 40.6

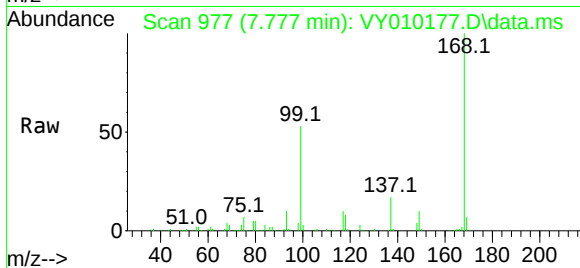
86 57.7 51.8 77.6



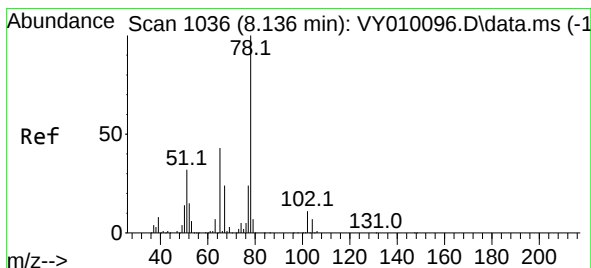
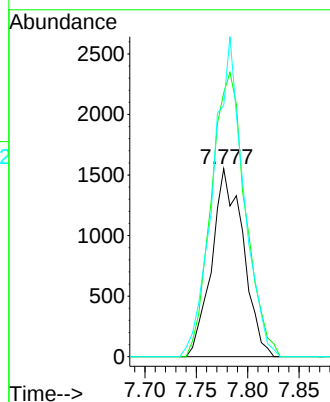
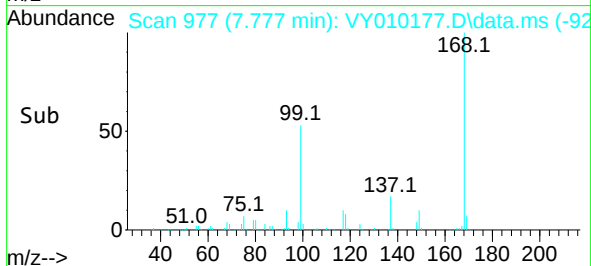


#31
Cyclohexane
Concen: 1.204 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010177.D
Acq: 23 Aug 2022 19:55

Instrument :
MSVOA_Y
ClientSampleId :
TR-04-082222

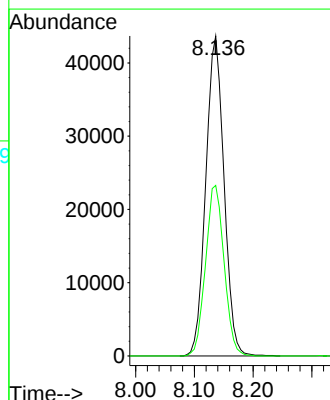
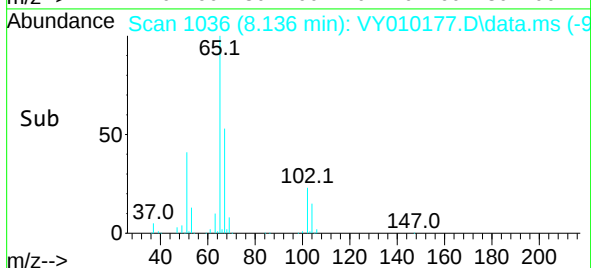
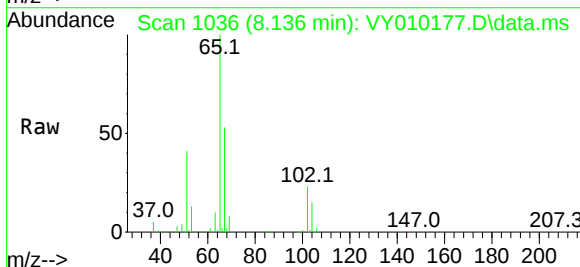


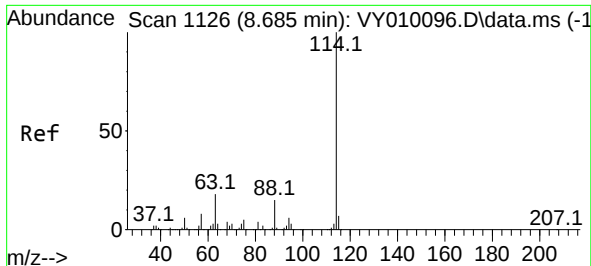
Tgt Ion: 56 Resp: 3295
Ion Ratio Lower Upper
56 100
69 140.3 27.3 40.9#
84 133.7 72.6 109.0#



#33
1,2-Dichloroethane-d4
Concen: 70.525 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY010177.D
Acq: 23 Aug 2022 19:55

Tgt Ion: 65 Resp: 94202
Ion Ratio Lower Upper
65 100
67 54.3 0.0 110.6

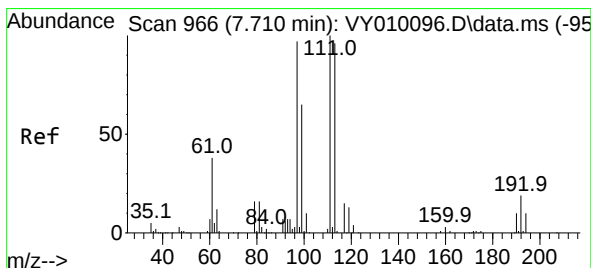
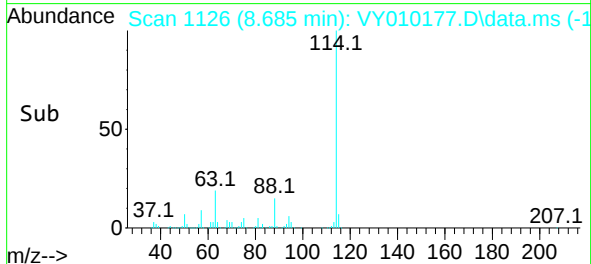
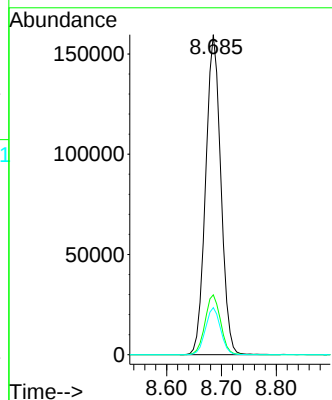
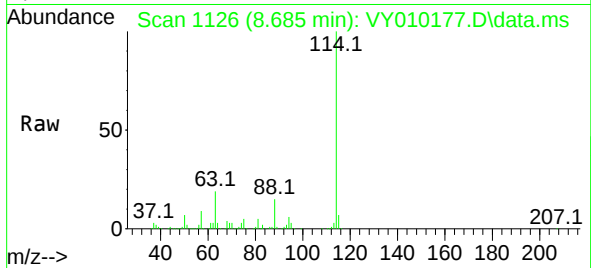




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY010177.D
Acq: 23 Aug 2022 19:55

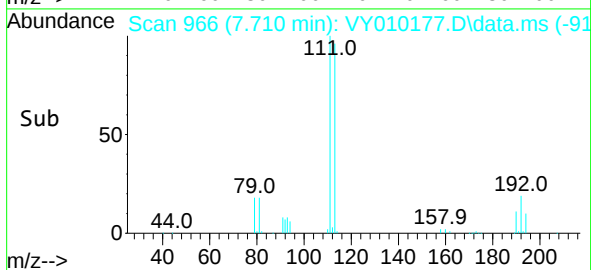
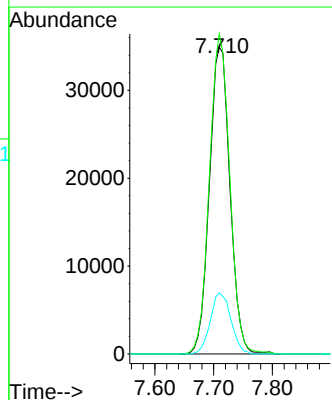
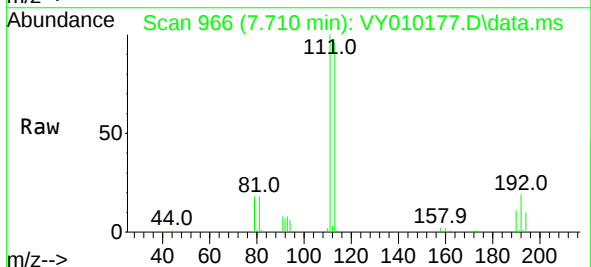
Instrument :
MSVOA_Y
ClientSampleId :
TR-04-082222

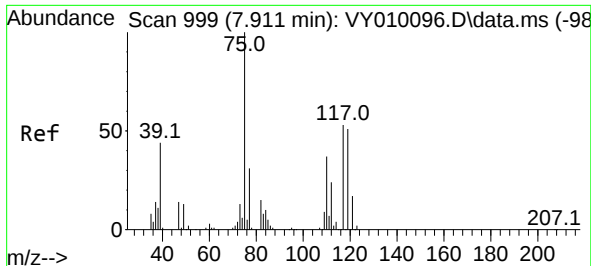
Tgt Ion:114 Resp: 305978
Ion Ratio Lower Upper
114 100
63 18.7 0.0 35.6
88 14.7 0.0 29.6



#35
Dibromofluoromethane
Concen: 49.225 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY010177.D
Acq: 23 Aug 2022 19:55

Tgt Ion:113 Resp: 84870
Ion Ratio Lower Upper
113 100
111 103.2 82.8 124.2
192 20.0 16.3 24.5

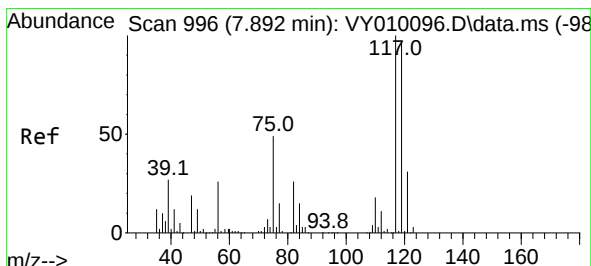
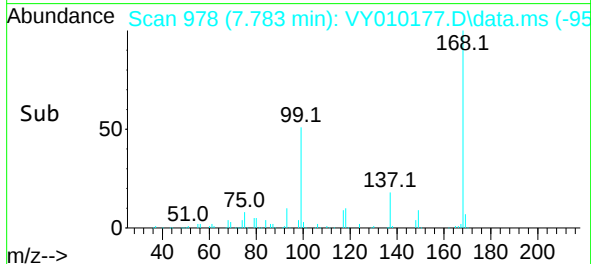
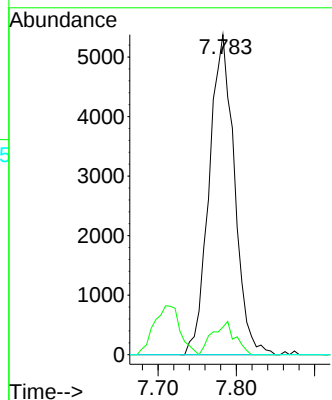
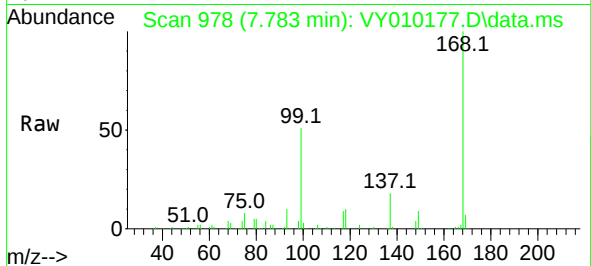




#36
1,1-Dichloropropene
Concen: 4.373 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY010177.D
Acq: 23 Aug 2022 19:55

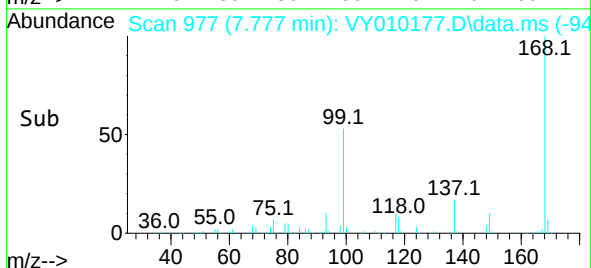
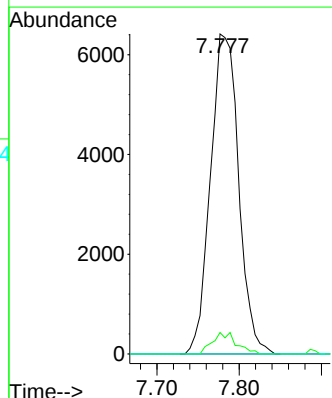
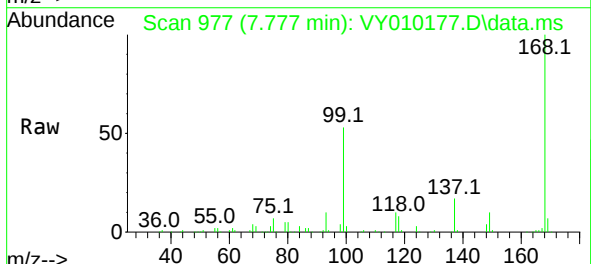
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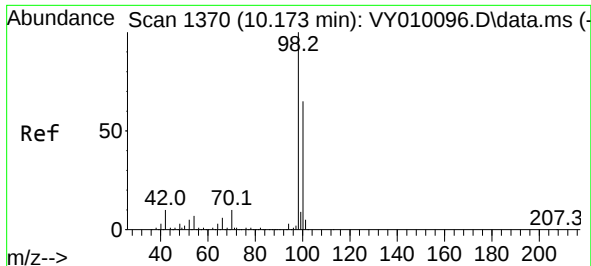
Tgt Ion: 75 Resp: 12035
Ion Ratio Lower Upper
75 100
110 9.2 18.6 56.0#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 5.297 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.115 min
Lab File: VY010177.D
Acq: 23 Aug 2022 19:55

Tgt Ion: 117 Resp: 15288
Ion Ratio Lower Upper
117 100
119 6.7 77.1 115.7#
121 0.0 24.7 37.1#

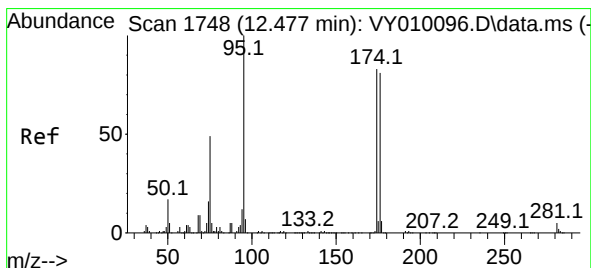
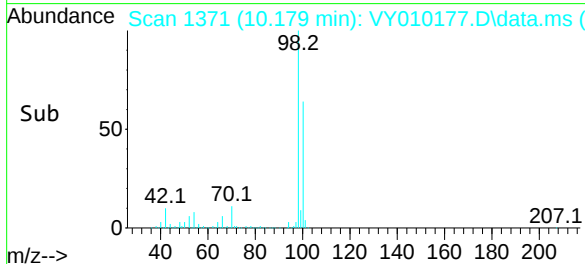
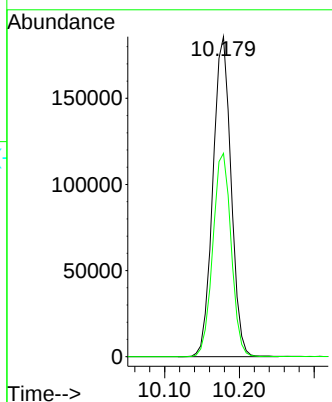
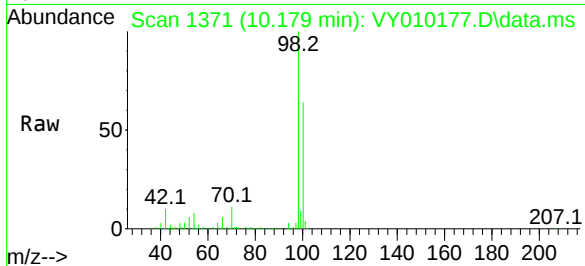




#50
Toluene-d8
Concen: 48.462 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010177.D
Acq: 23 Aug 2022 19:55

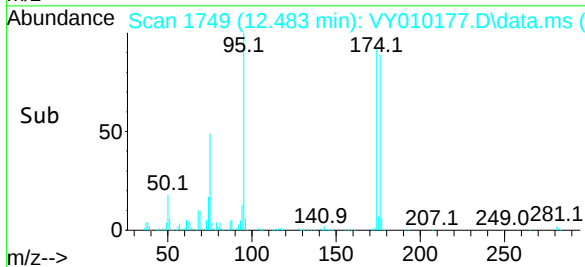
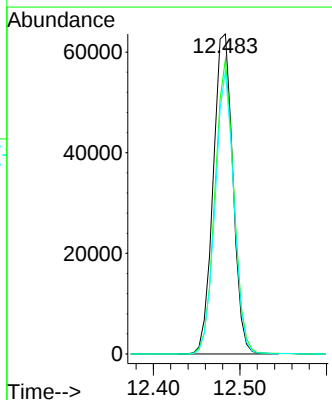
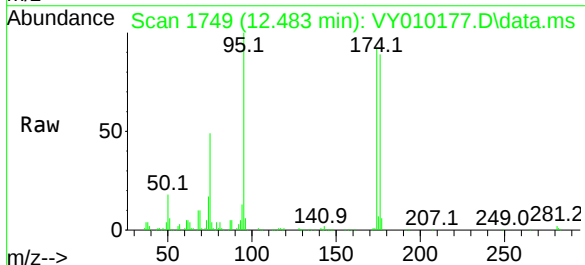
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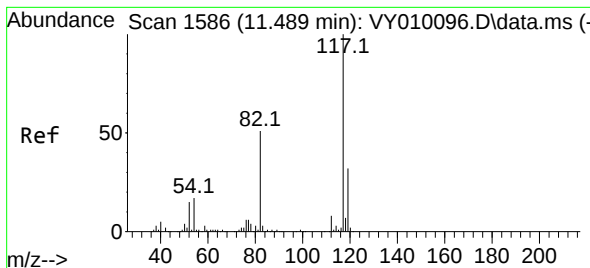
Tgt Ion: 98 Resp: 313089
Ion Ratio Lower Upper
98 100
100 64.3 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 43.415 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY010177.D
Acq: 23 Aug 2022 19:55

Tgt Ion: 95 Resp: 100213
Ion Ratio Lower Upper
95 100
174 89.2 0.0 173.8
176 84.3 0.0 167.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY010177.D

Acq: 23 Aug 2022 19:55

Instrument :

MSVOA_Y

ClientSampleId :

TR-04-082222

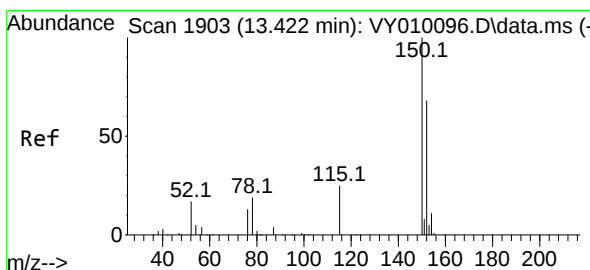
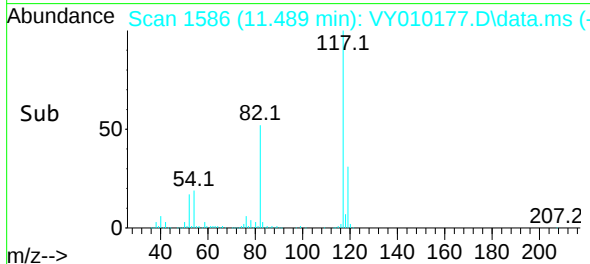
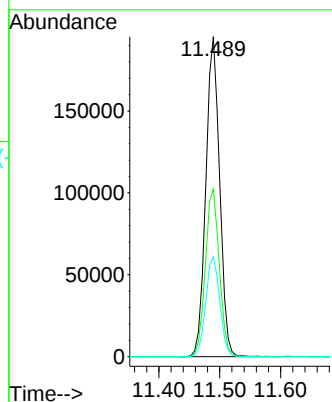
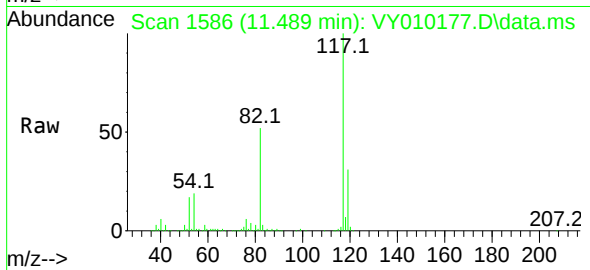
Tgt Ion:117 Resp: 307385

Ion Ratio Lower Upper

117 100

82 52.4 40.6 61.0

119 31.2 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY010177.D

Acq: 23 Aug 2022 19:55

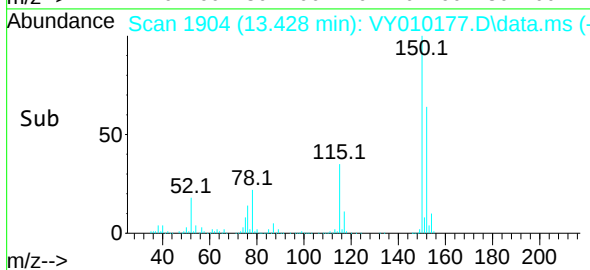
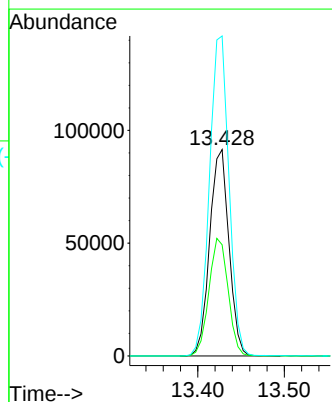
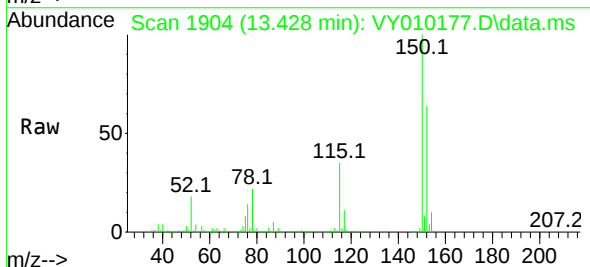
Tgt Ion:152 Resp: 141599

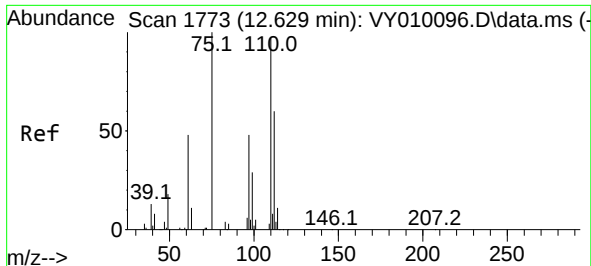
Ion Ratio Lower Upper

152 100

115 56.8 28.1 84.2

150 157.1 0.0 346.2

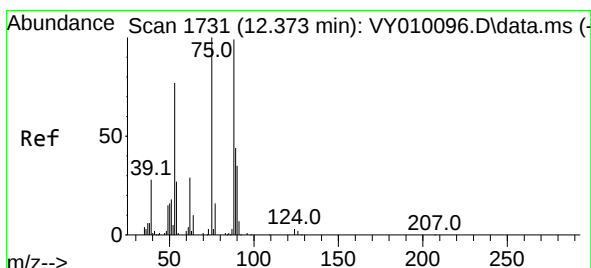
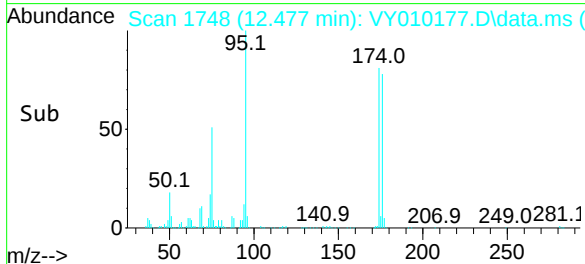
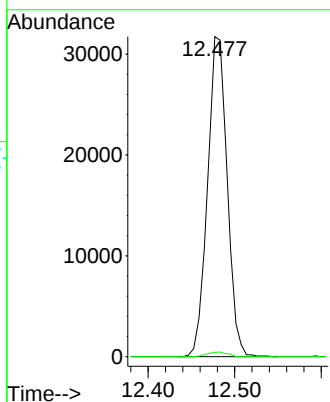
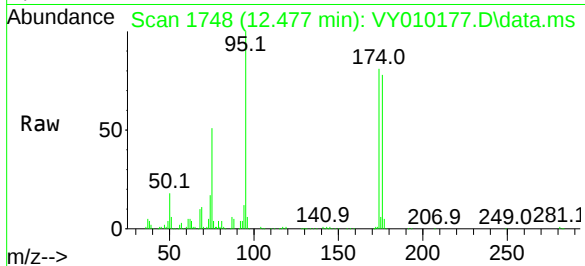




#76
1,2,3-Trichloropropane
Concen: 37.714 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY010177.D
Acq: 23 Aug 2022 19:55

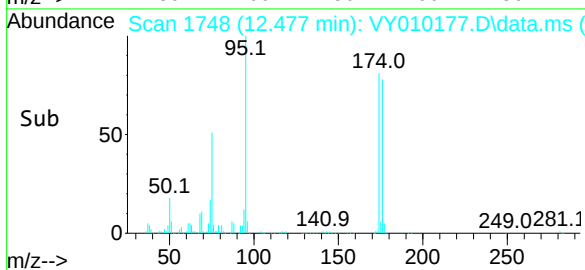
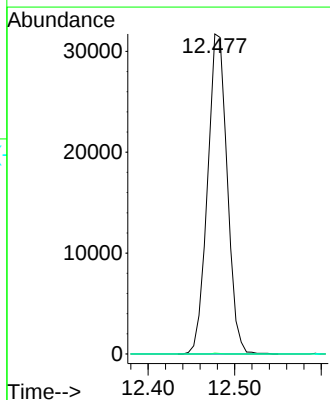
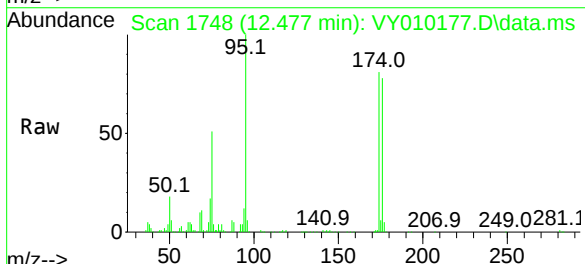
Instrument :
MSVOA_Y
ClientSampleId :
TR-04-082222

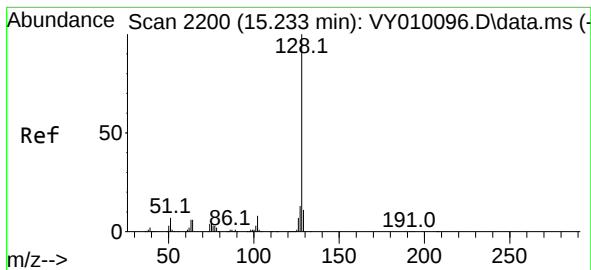
Tgt Ion: 75 Resp: 50013
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 75.749 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY010177.D
Acq: 23 Aug 2022 19:55

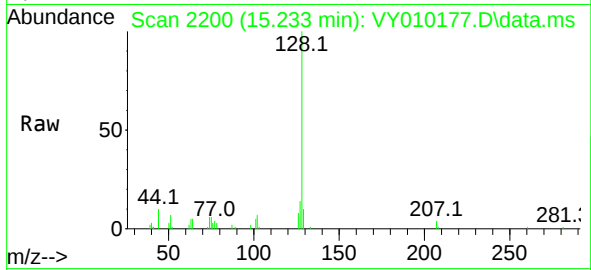
Tgt Ion: 75 Resp: 50013
Ion Ratio Lower Upper
75 100
53 0.1 62.6 94.0#
89 0.0 36.8 55.2#





#95
Naphthalene
Concen: 5.552 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY010177.D
Acq: 23 Aug 2022 19:55

Instrument :
MSVOA_Y
ClientSampleId :
TR-04-082222



Tgt Ion:	128	Resp:	9610
Ion	Ratio	Lower	Upper
128	100		
127	14.5	10.2	15.2
129	12.0	8.9	13.3

