

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082322\
 Data File : VY010178.D
 Acq On : 23 Aug 2022 20:18
 Operator : KP/MD
 Sample : N4188-10RE
 Misc : 10.41g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S15RE

Quant Time: Aug 24 04:35:15 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)

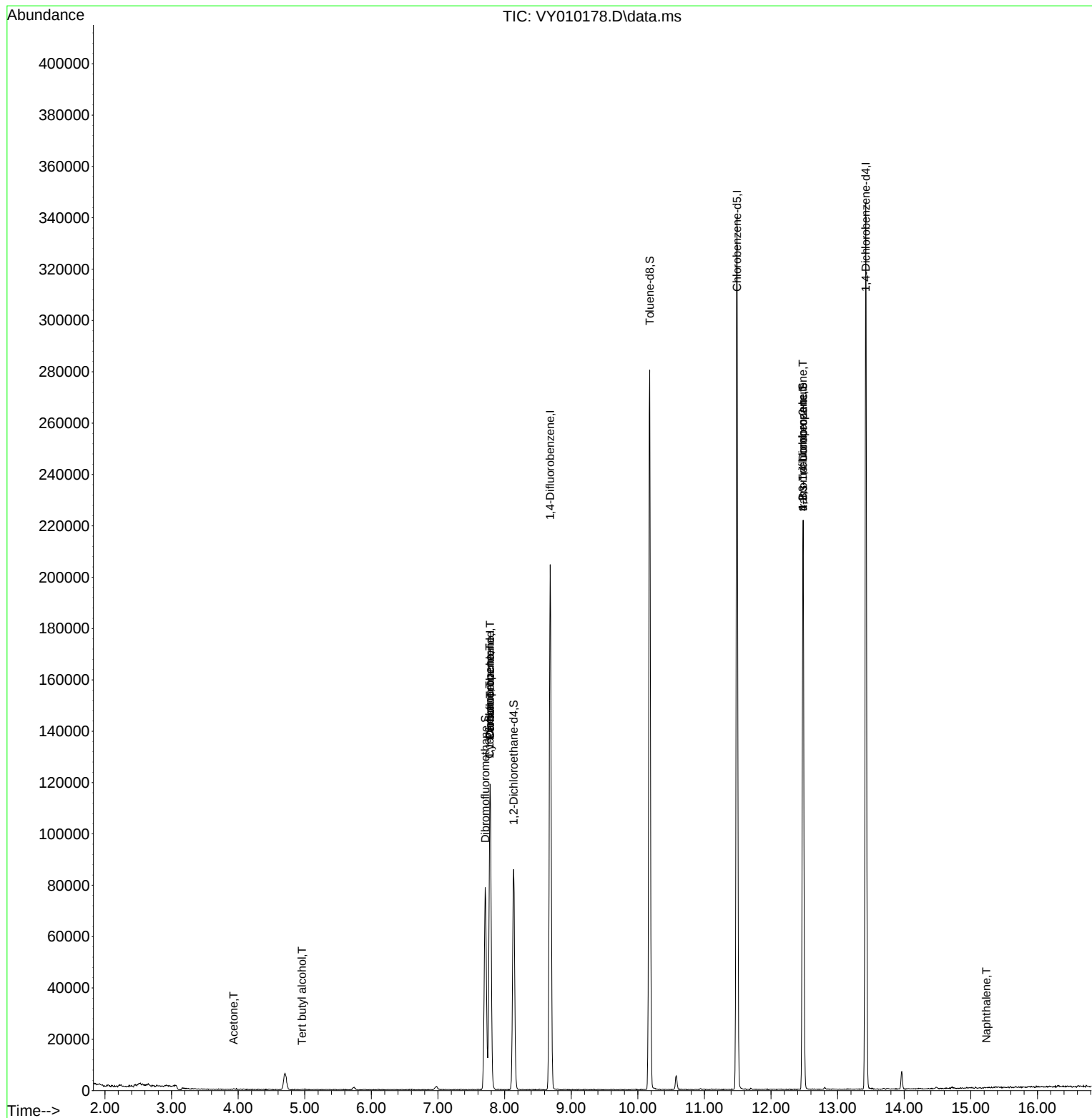
Internal Standards						
1) Pentafluorobenzene	7.783	168	95606	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	179409	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	190186	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	89234	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	63422	80.988	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 161.980%	
35) Dibromofluoromethane	7.709	113	55478	54.878	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.760%	
50) Toluene-d8	10.179	98	188185	49.678	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.360%	
62) 4-Bromofluorobenzene	12.477	95	62642	46.283	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 92.560%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.960	59	48	11.021	ug/l #	73
16) Acetone	3.930	43	335	1.709	ug/l #	40
20) Methylene Chloride	4.698	84	4919	Below Cal		89
31) Cyclohexane	7.777	56	2013	1.255	ug/l #	4
36) 1,1-Dichloropropene	7.777	75	7267	4.503	ug/l #	48
38) Carbon Tetrachloride	7.783	117	8646	5.109	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	30796	36.851	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	30796	74.014	ug/l #	18
95) Naphthalene	15.233	128	331	3.977	ug/l #	69

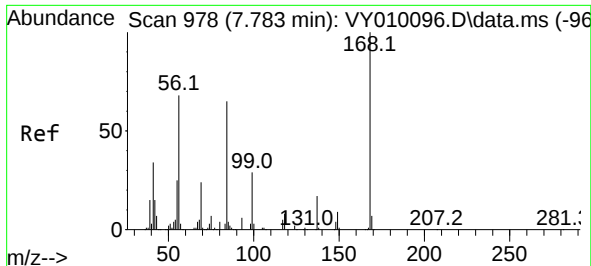
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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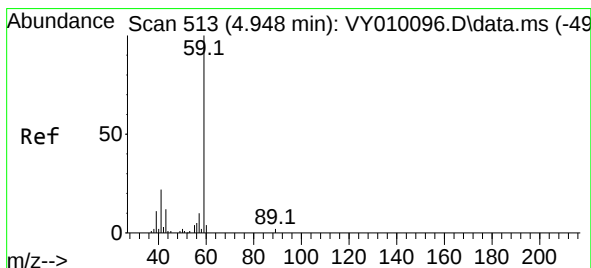
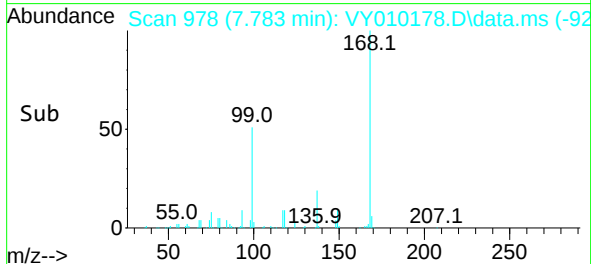
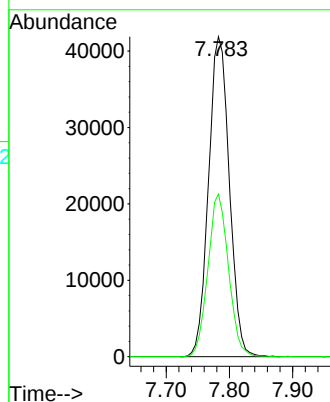
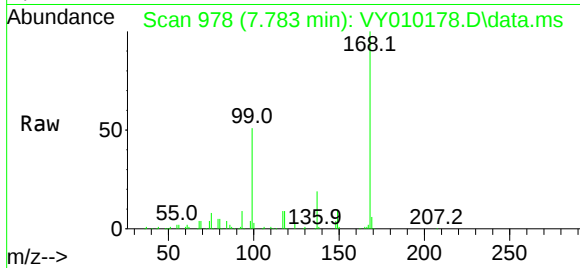




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010178.D
Acq: 23 Aug 2022 20:18

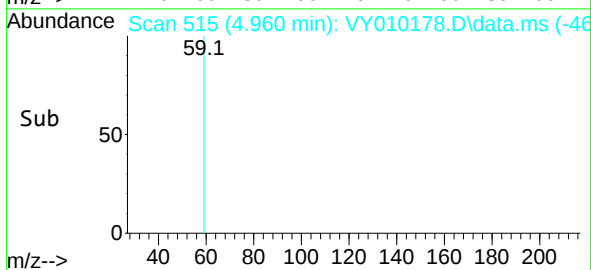
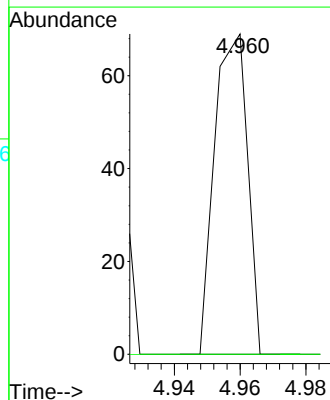
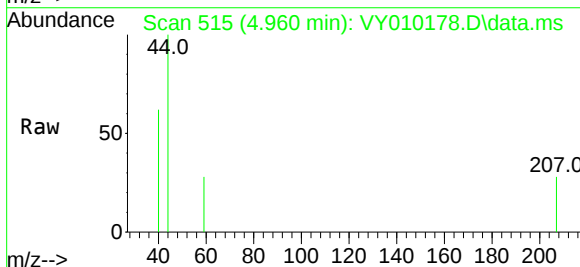
Instrument :
MSVOA_Y
ClientSampleId :
S15RE

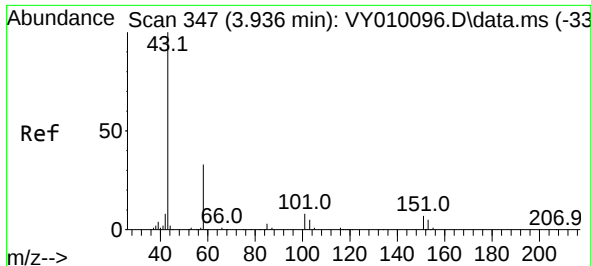
Tgt Ion:168 Resp: 95606
Ion Ratio Lower Upper
168 100
99 50.8 40.7 61.1



#11
Tert butyl alcohol
Concen: 11.021 ug/l
RT: 4.960 min Scan# 515
Delta R.T. 0.012 min
Lab File: VY010178.D
Acq: 23 Aug 2022 20:18

Tgt Ion: 59 Resp: 48
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

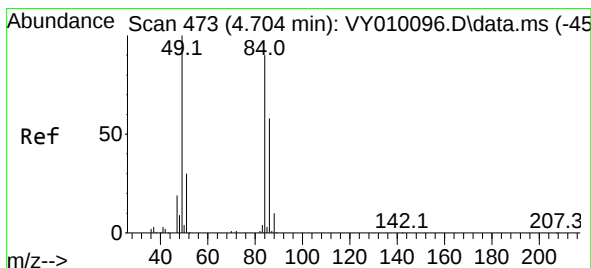
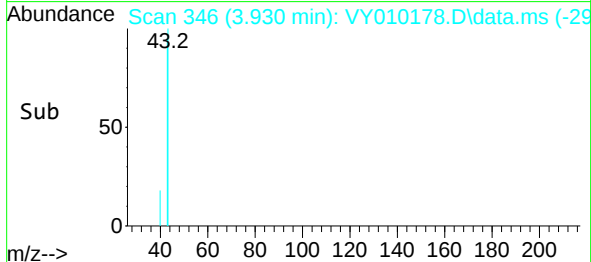
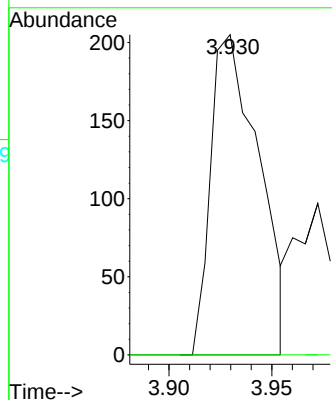
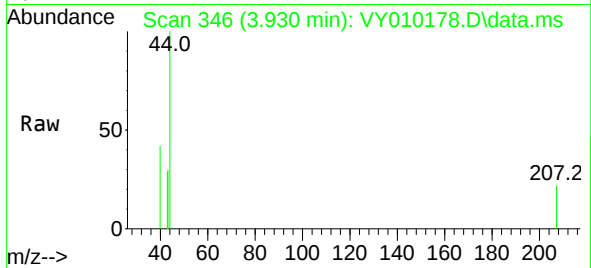




#16
Acetone
Concen: 1.709 ug/l
RT: 3.930 min Scan# 347
Delta R.T. -0.006 min
Lab File: VY010178.D
Acq: 23 Aug 2022 20:18

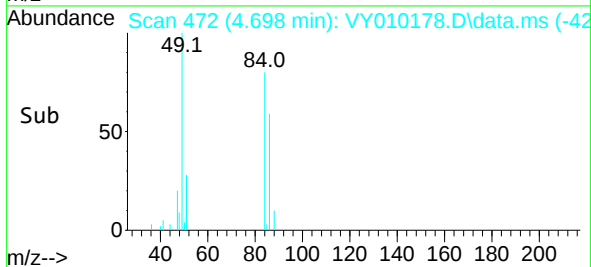
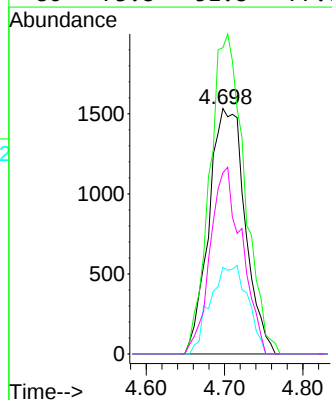
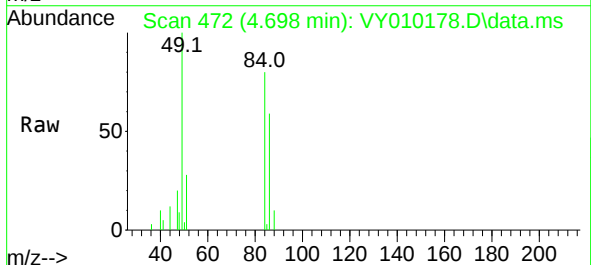
Instrument :
MSVOA_Y
ClientSampleId :
S15RE

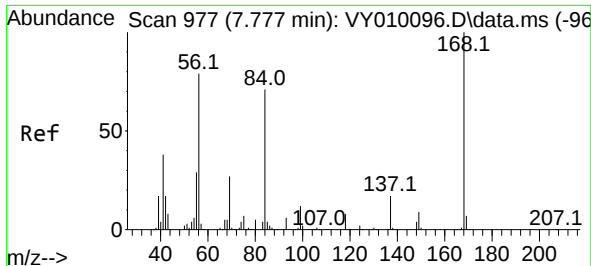
Tgt Ion: 43 Resp: 335
Ion Ratio Lower Upper
43 100
58 0.0 27.4 41.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.698 min Scan# 472
Delta R.T. -0.006 min
Lab File: VY010178.D
Acq: 23 Aug 2022 20:18

Tgt Ion: 84 Resp: 4919
Ion Ratio Lower Upper
84 100
49 124.8 89.0 133.4
51 35.3 27.0 40.6
86 73.8 51.8 77.6

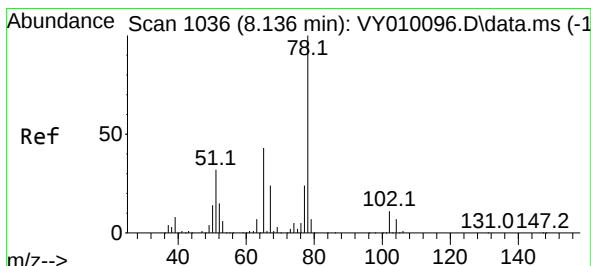
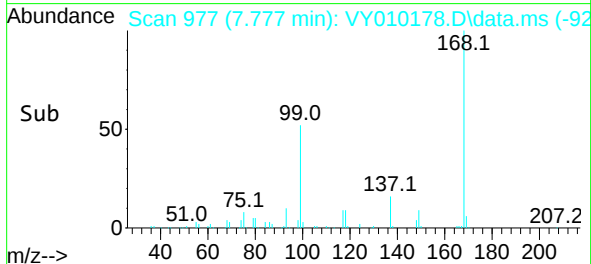
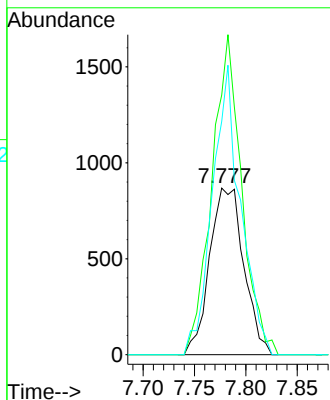
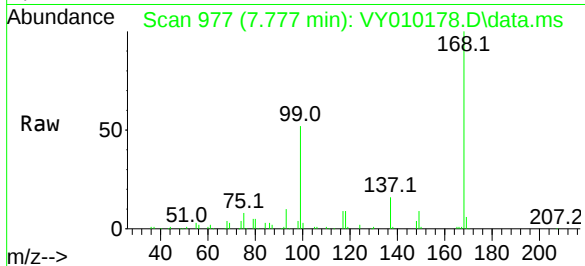




#31
Cyclohexane
Concen: 1.255 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010178.D
Acq: 23 Aug 2022 20:18

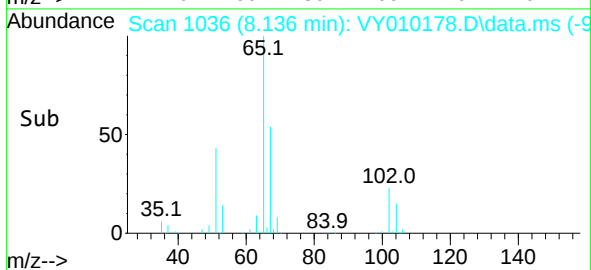
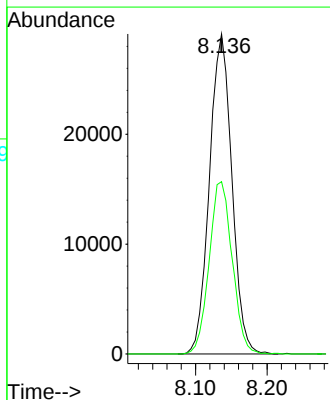
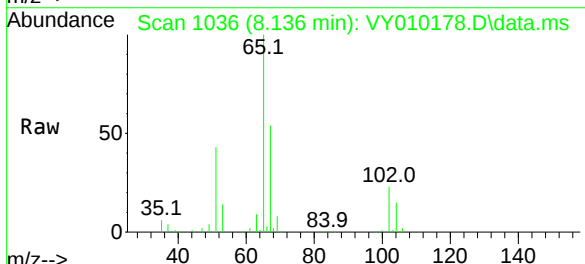
Instrument :
MSVOA_Y
ClientSampleId :
S15RE

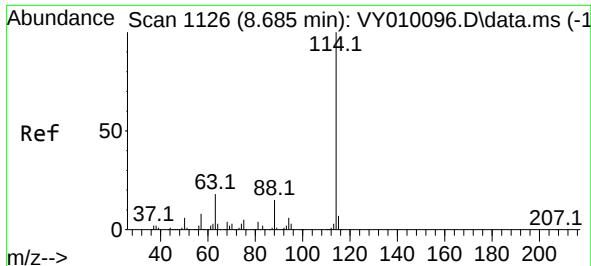
Tgt Ion: 56 Resp: 2013
Ion Ratio Lower Upper
56 100
69 156.0 27.3 40.9#
84 140.1 72.6 109.0#



#33
1,2-Dichloroethane-d4
Concen: 80.988 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY010178.D
Acq: 23 Aug 2022 20:18

Tgt Ion: 65 Resp: 63422
Ion Ratio Lower Upper
65 100
67 55.4 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: VY010178.D

Acq: 23 Aug 2022 20:18

Instrument :

MSVOA_Y

ClientSampleId :

S15RE

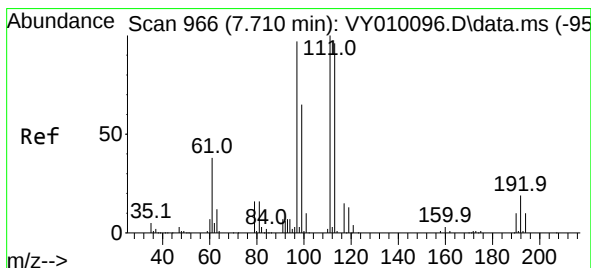
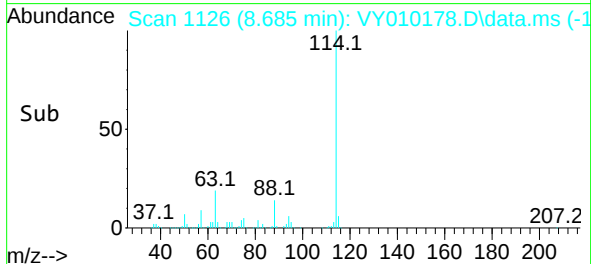
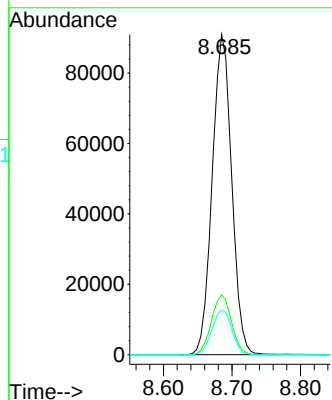
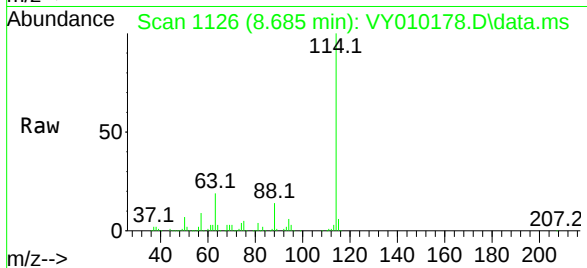
Tgt Ion:114 Resp: 179409

Ion Ratio Lower Upper

114 100

63 18.7 0.0 35.6

88 14.0 0.0 29.6



#35

Dibromofluoromethane

Concen: 54.878 ug/l

RT: 7.709 min Scan# 966

Delta R.T. -0.001 min

Lab File: VY010178.D

Acq: 23 Aug 2022 20:18

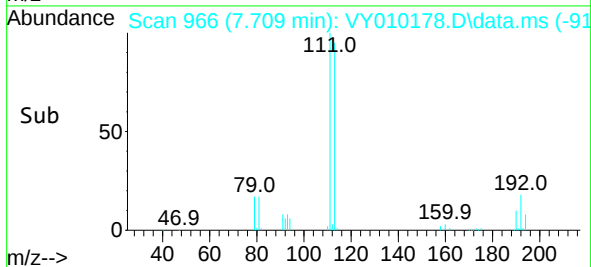
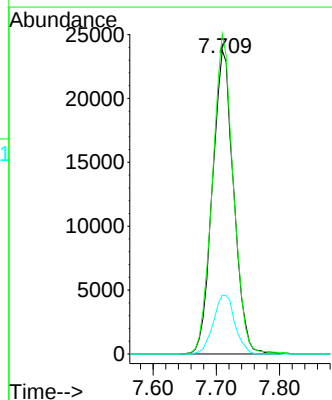
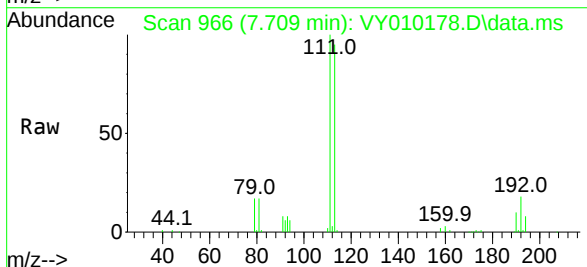
Tgt Ion:113 Resp: 55478

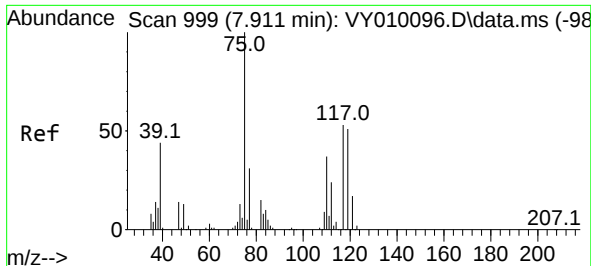
Ion Ratio Lower Upper

113 100

111 103.7 82.8 124.2

192 19.5 16.3 24.5

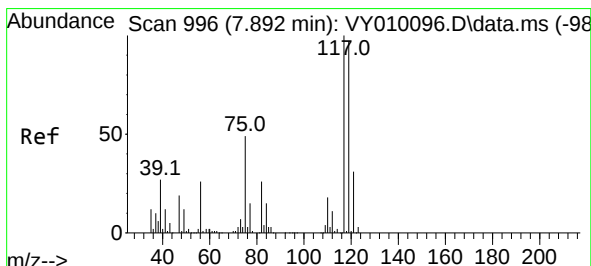
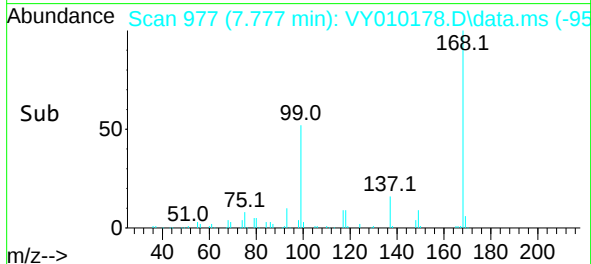
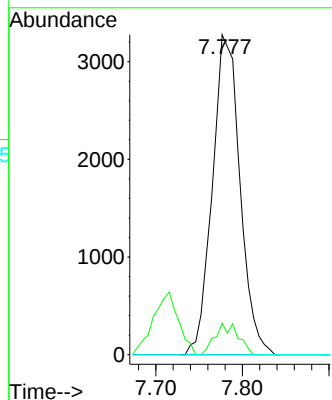
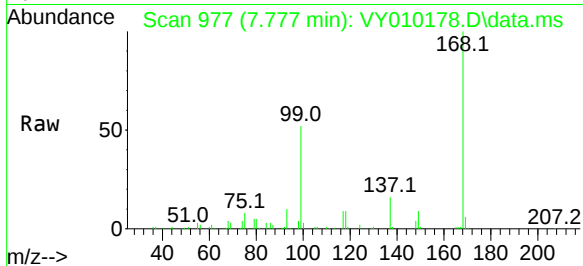




#36
1,1-Dichloropropene
Concen: 4.503 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY010178.D
Acq: 23 Aug 2022 20:18

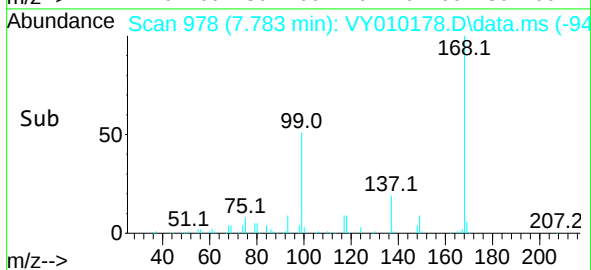
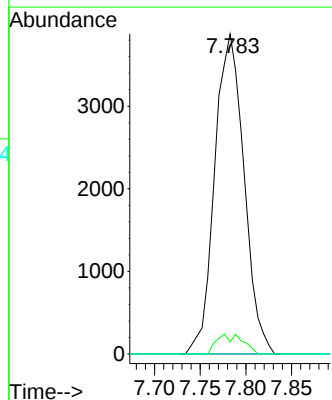
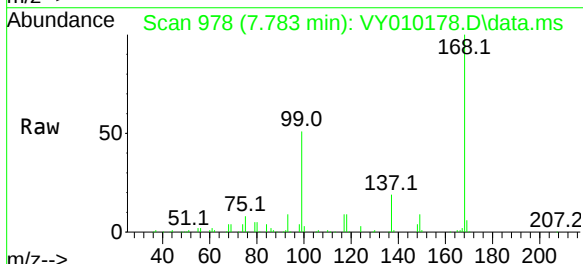
Instrument :
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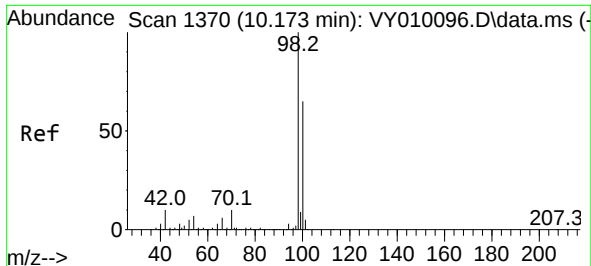
Tgt Ion: 75 Resp: 7267
Ion Ratio Lower Upper
75 100
110 8.3 18.6 56.0#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 5.109 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.109 min
Lab File: VY010178.D
Acq: 23 Aug 2022 20:18

Tgt Ion: 117 Resp: 8646
Ion Ratio Lower Upper
117 100
119 3.9 77.1 115.7#
121 0.0 24.7 37.1#

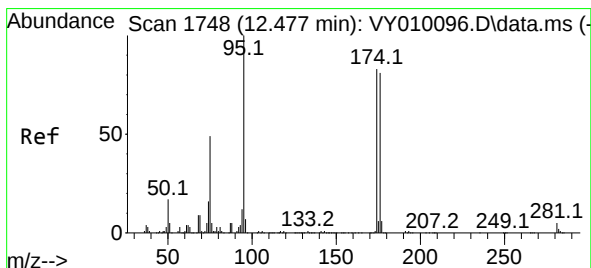
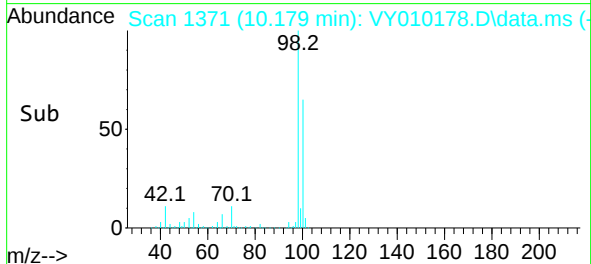
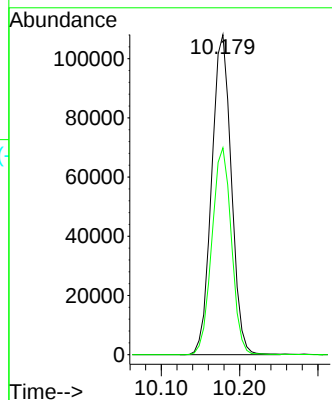
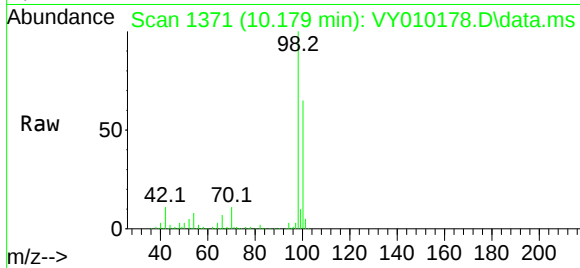




#50
Toluene-d8
Concen: 49.678 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010178.D
Acq: 23 Aug 2022 20:18

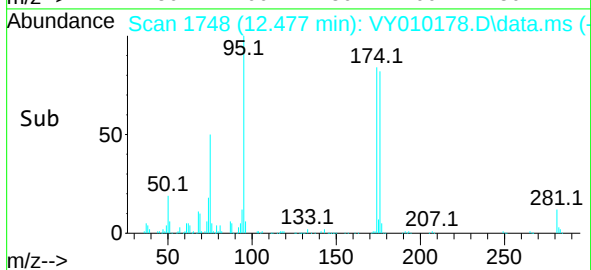
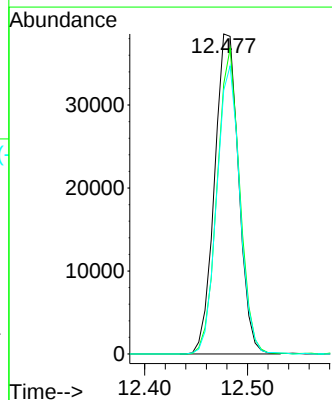
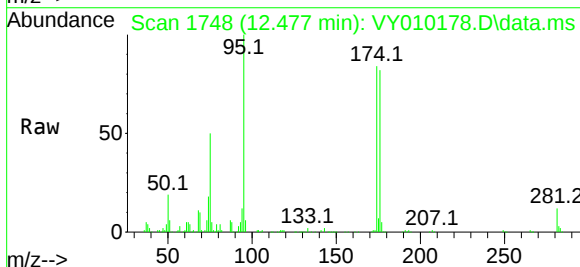
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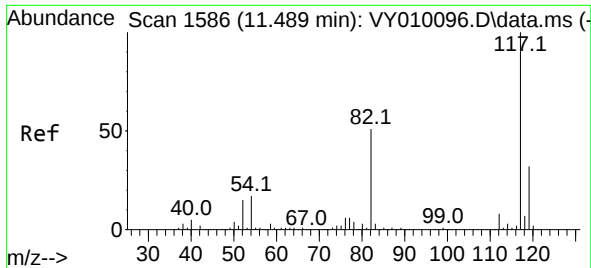
Tgt Ion: 98 Resp: 188185
Ion Ratio Lower Upper
98 100
100 64.3 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 46.283 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY010178.D
Acq: 23 Aug 2022 20:18

Tgt Ion: 95 Resp: 62642
Ion Ratio Lower Upper
95 100
174 89.6 0.0 173.8
176 86.3 0.0 167.2

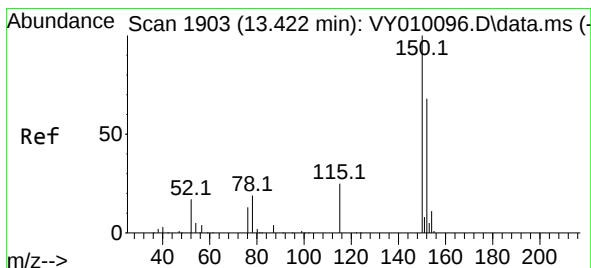
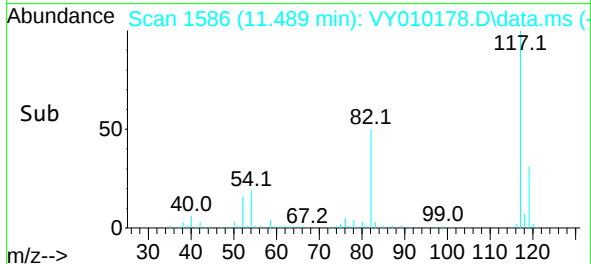
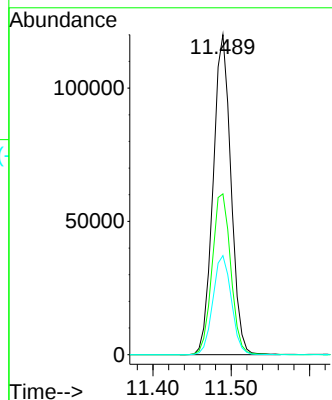
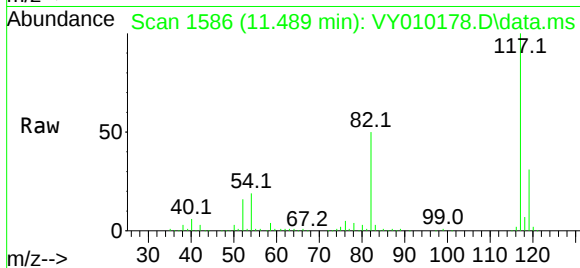




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY010178.D
Acq: 23 Aug 2022 20:18

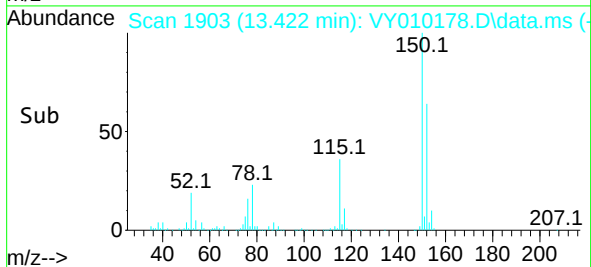
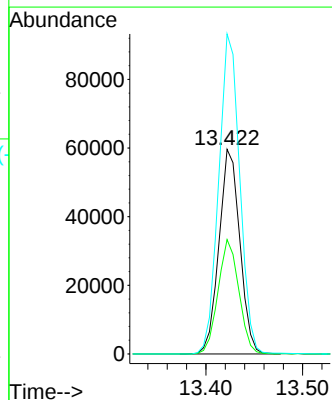
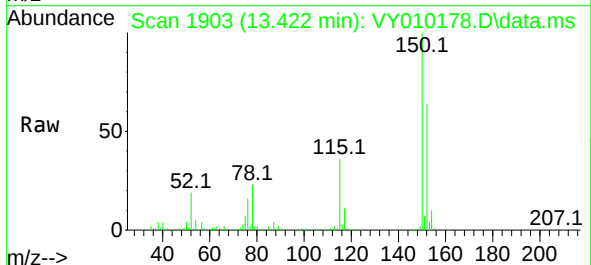
Instrument :
MSVOA_Y
ClientSampleId :
S15RE

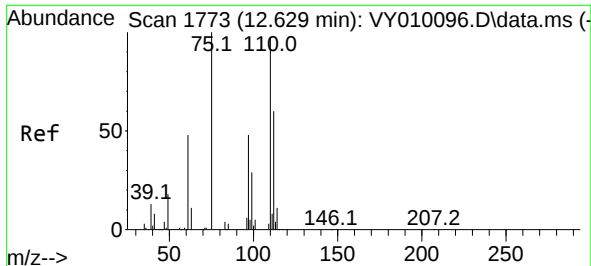
Tgt Ion:117 Resp: 190186
Ion Ratio Lower Upper
117 100
82 50.3 40.6 61.0
119 30.9 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY010178.D
Acq: 23 Aug 2022 20:18

Tgt Ion:152 Resp: 89234
Ion Ratio Lower Upper
152 100
115 55.6 28.1 84.2
150 157.9 0.0 346.2

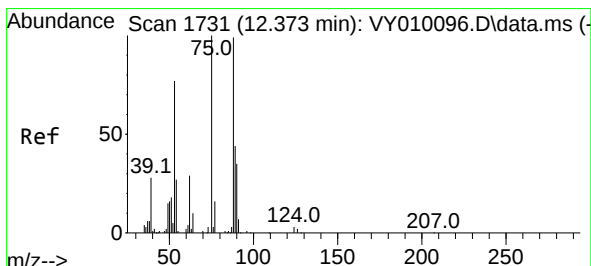
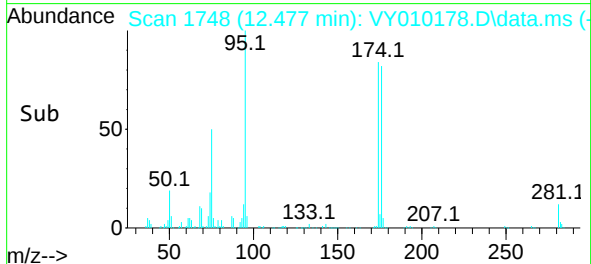
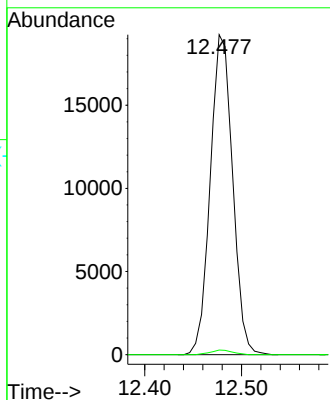
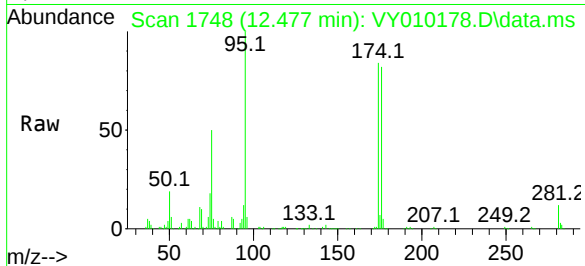




#76
1,2,3-Trichloropropane
Concen: 36.851 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY010178.D
Acq: 23 Aug 2022 20:18

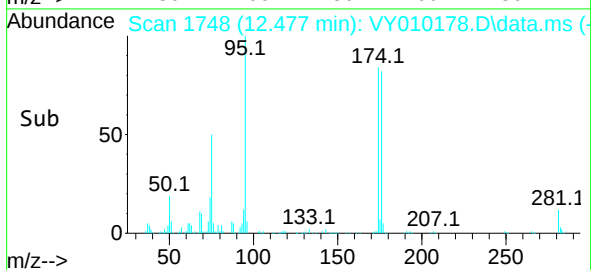
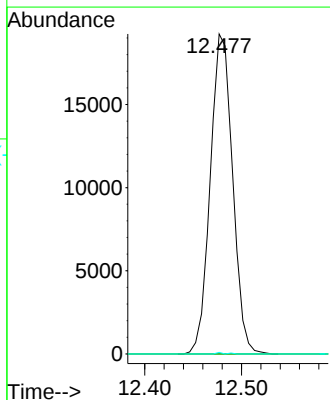
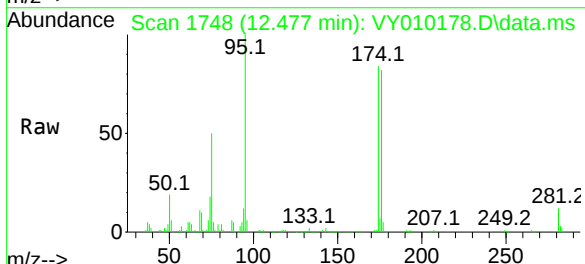
Instrument :
MSVOA_Y
ClientSampleId :
S15RE

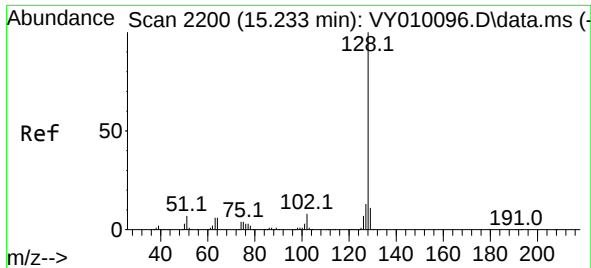
Tgt Ion: 75 Resp: 30796
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.014 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY010178.D
Acq: 23 Aug 2022 20:18

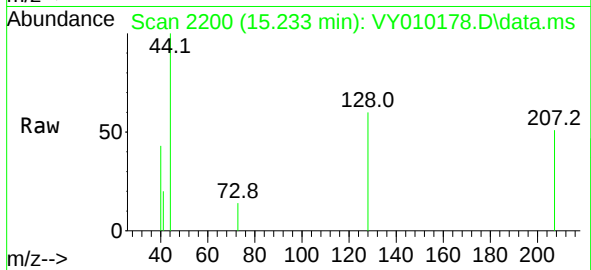
Tgt Ion: 75 Resp: 30796
Ion Ratio Lower Upper
75 100
53 0.0 62.6 94.0#
89 0.2 36.8 55.2#





#95
Naphthalene
Concen: 3.977 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY010178.D
Acq: 23 Aug 2022 20:18

Instrument :
MSVOA_Y
ClientSampleId :
S15RE



Tgt Ion:128 Resp: 331
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.9 13.3#

