

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082322\
 Data File : VY010179.D
 Acq On : 23 Aug 2022 20:42
 Operator : KP/MD
 Sample : N4188-13RE
 Misc : 12.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S14

Quant Time: Aug 24 04:35:26 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)

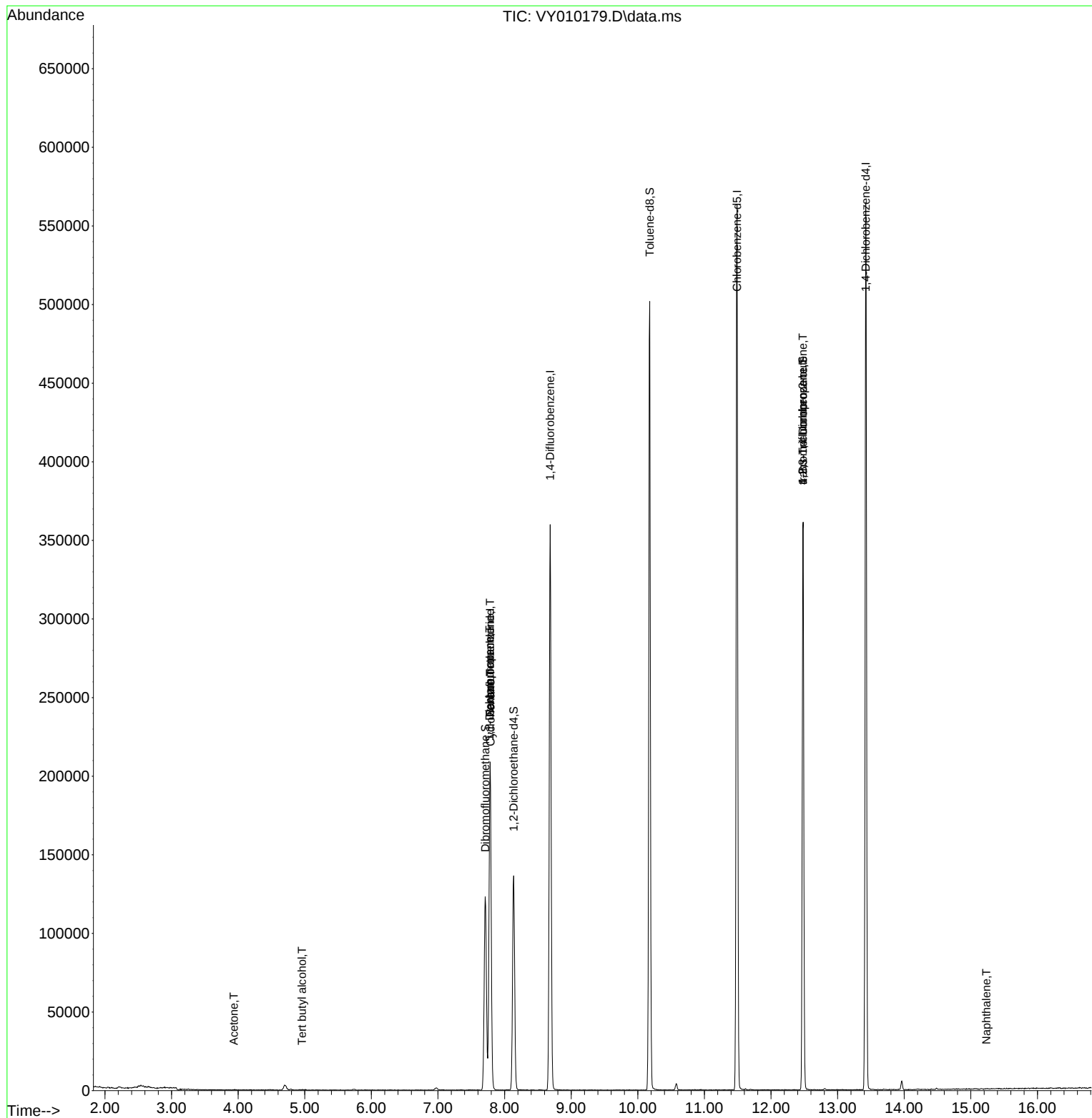
Internal Standards						
1) Pentafluorobenzene	7.783	168	166628	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	312243	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	317134	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	147488	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	100607	73.713	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	147.420%
35) Dibromofluoromethane	7.709	113	89435	50.832	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.660%
50) Toluene-d8	10.179	98	327358	49.654	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.300%
62) 4-Bromofluorobenzene	12.477	95	106382	45.162	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	90.320%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.960	59	285	12.384	ug/l #	73
16) Acetone	3.936	43	490	1.434	ug/l #	61
20) Methylene Chloride	4.698	84	2562	Below Cal		97
31) Cyclohexane	7.789	56	3245	1.160	ug/l #	1
36) 1,1-Dichloropropene	7.777	75	12538	4.464	ug/l #	48
38) Carbon Tetrachloride	7.783	117	15631	5.307	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	52898	38.297	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	52898	76.919	ug/l #	18
95) Naphthalene	15.233	128	149	3.911	ug/l #	69

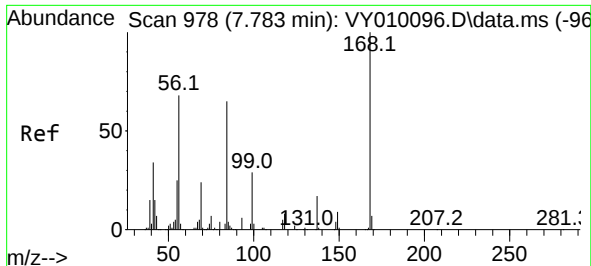
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082322\
Data File : VY010179.D
Acq On : 23 Aug 2022 20:42
Operator : KP/MD
Sample : N4188-13RE
Misc : 12.03g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
S14

Quant Time: Aug 24 04:35:26 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

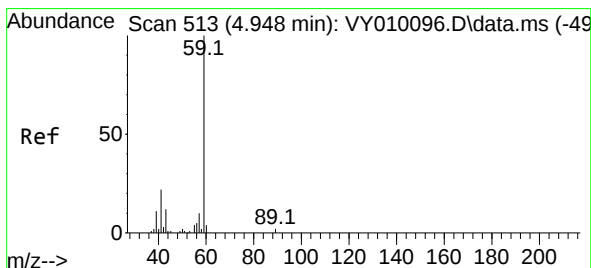
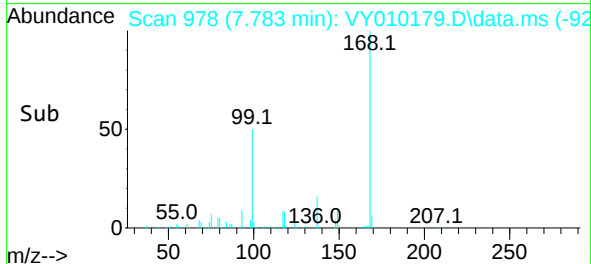
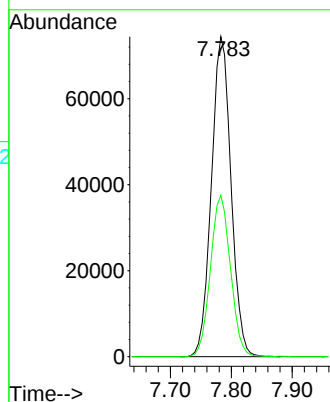
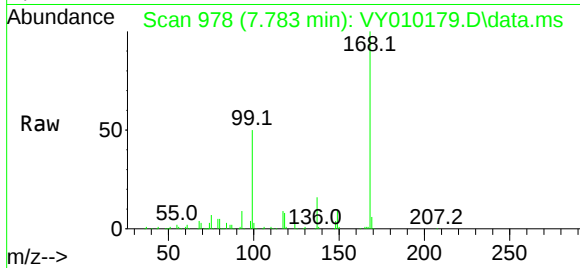




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010179.D
Acq: 23 Aug 2022 20:42

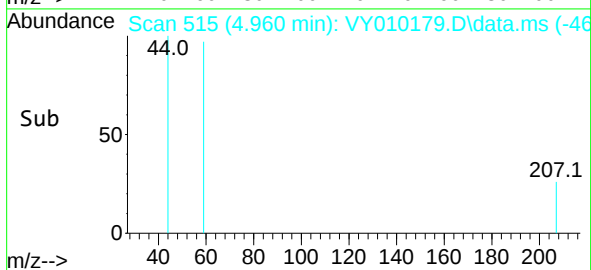
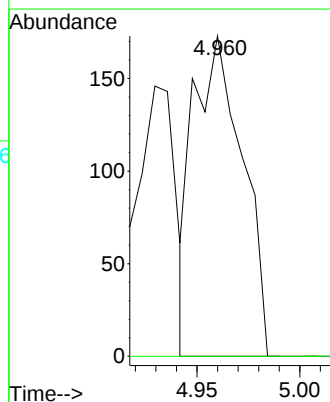
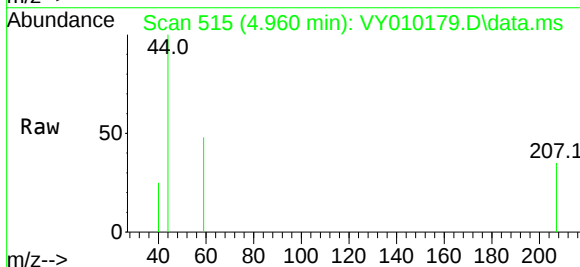
Instrument :
MSVOA_Y
ClientSampleId :
S14

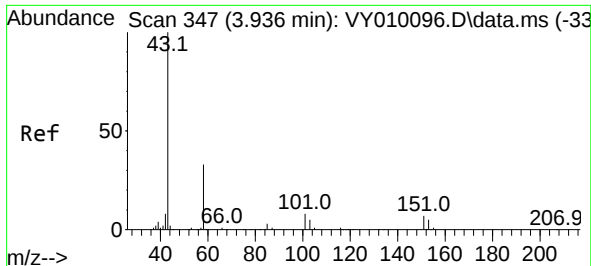
Tgt Ion:168 Resp: 166628
Ion Ratio Lower Upper
168 100
99 50.4 40.7 61.1



#11
Tert butyl alcohol
Concen: 12.384 ug/l
RT: 4.960 min Scan# 515
Delta R.T. 0.012 min
Lab File: VY010179.D
Acq: 23 Aug 2022 20:42

Tgt Ion: 59 Resp: 285
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

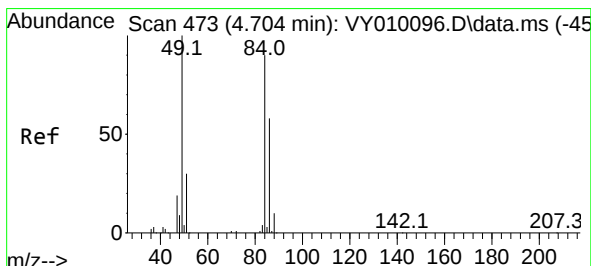
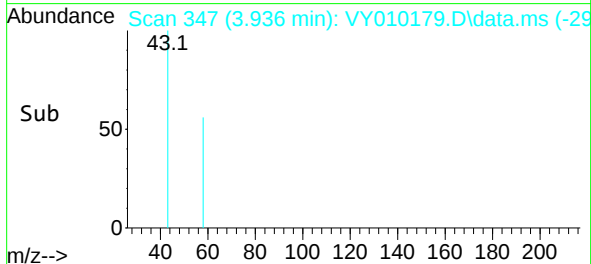
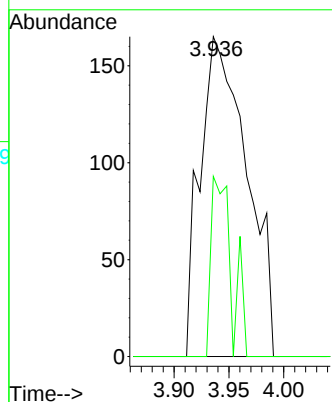
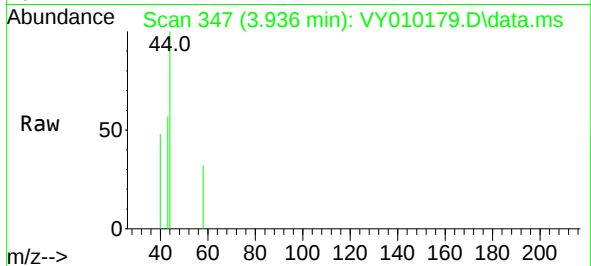




#16
Acetone
Concen: 1.434 ug/l
RT: 3.936 min Scan# 34
Delta R.T. -0.000 min
Lab File: VY010179.D
Acq: 23 Aug 2022 20:42

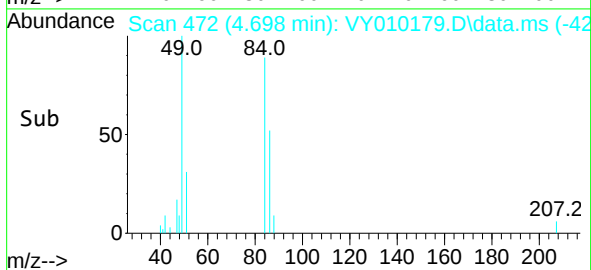
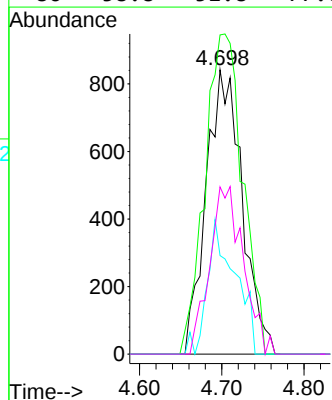
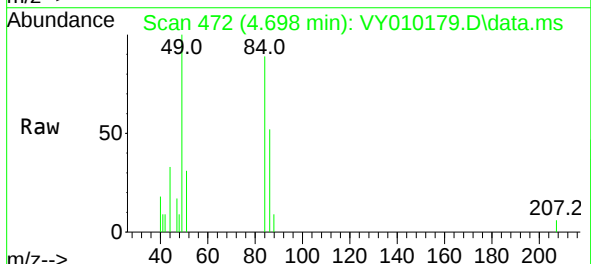
Instrument :
MSVOA_Y
ClientSampleId :
S14

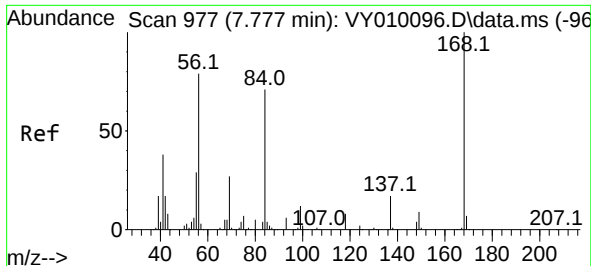
Tgt Ion: 43 Resp: 490
Ion Ratio Lower Upper
43 100
58 56.4 27.4 41.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.698 min Scan# 472
Delta R.T. -0.006 min
Lab File: VY010179.D
Acq: 23 Aug 2022 20:42

Tgt Ion: 84 Resp: 2562
Ion Ratio Lower Upper
84 100
49 112.2 89.0 133.4
51 34.7 27.0 40.6
86 58.8 51.8 77.6

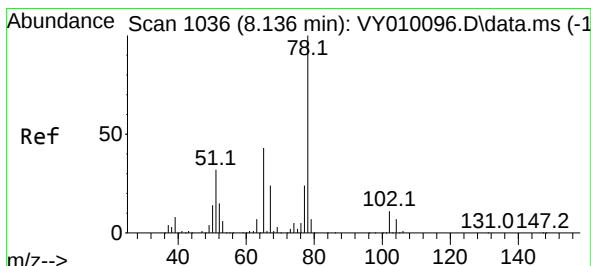
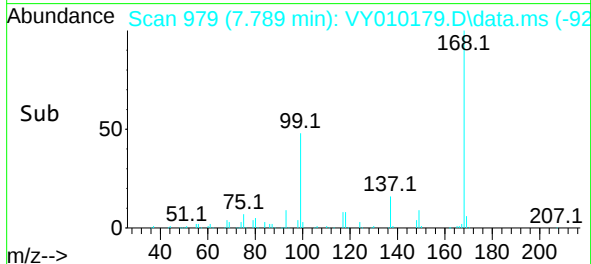
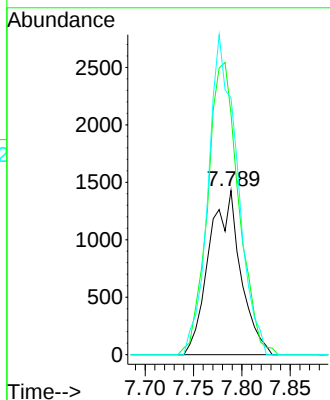
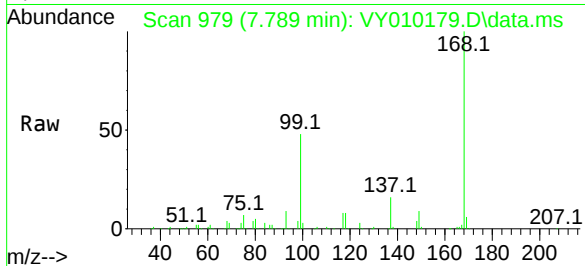




#31
Cyclohexane
Concen: 1.160 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY010179.D
Acq: 23 Aug 2022 20:42

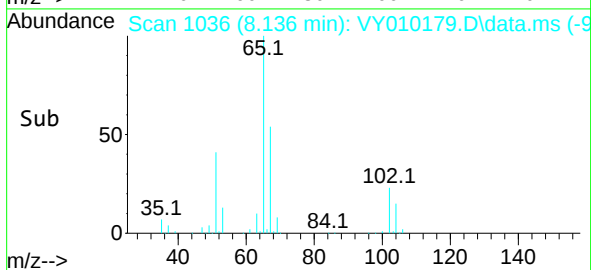
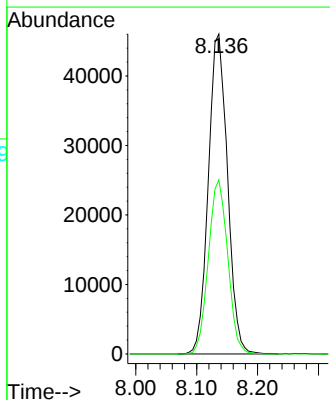
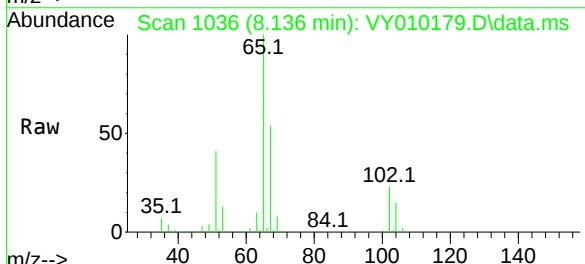
Instrument :
MSVOA_Y
ClientSampleId :
S14

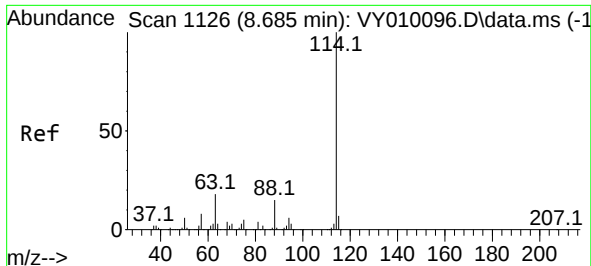
Tgt Ion: 56 Resp: 3245
Ion Ratio Lower Upper
56 100
69 146.6 27.3 40.9#
84 156.4 72.6 109.0#



#33
1,2-Dichloroethane-d4
Concen: 73.713 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY010179.D
Acq: 23 Aug 2022 20:42

Tgt Ion: 65 Resp: 100607
Ion Ratio Lower Upper
65 100
67 54.9 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: VY010179.D

Acq: 23 Aug 2022 20:42

Instrument :

MSVOA_Y

ClientSampleId :

S14

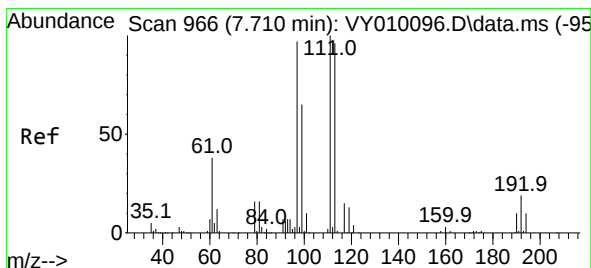
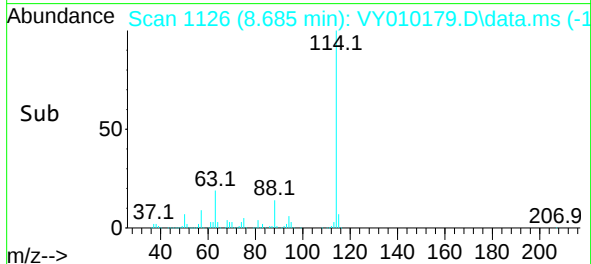
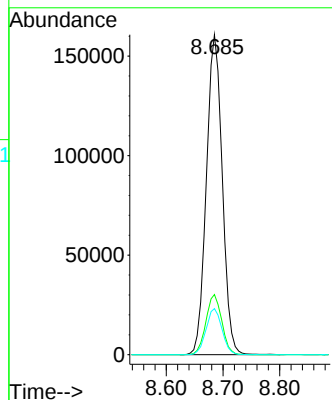
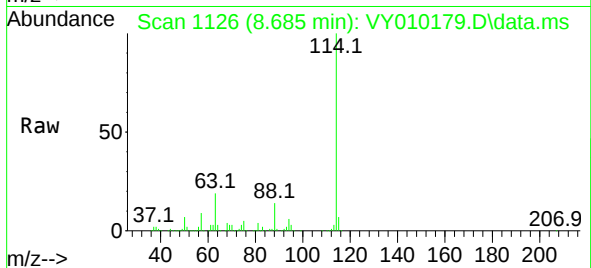
Tgt Ion:114 Resp: 312243

Ion Ratio Lower Upper

114 100

63 18.8 0.0 35.6

88 14.4 0.0 29.6



#35

Dibromofluoromethane

Concen: 50.832 ug/l

RT: 7.709 min Scan# 966

Delta R.T. -0.001 min

Lab File: VY010179.D

Acq: 23 Aug 2022 20:42

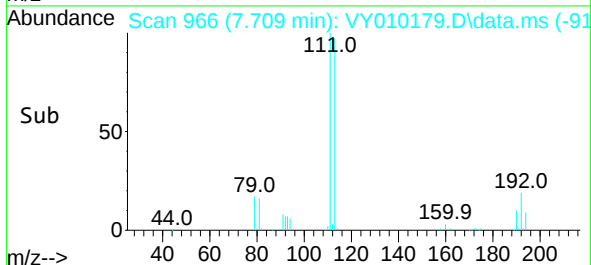
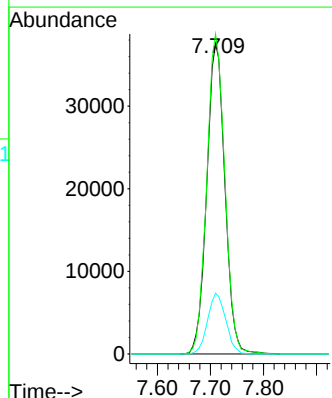
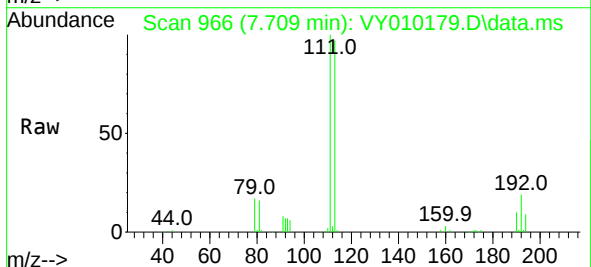
Tgt Ion:113 Resp: 89435

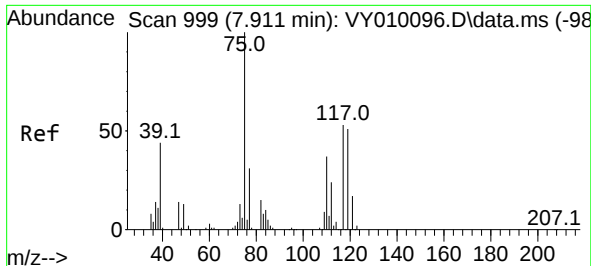
Ion Ratio Lower Upper

113 100

111 102.4 82.8 124.2

192 19.5 16.3 24.5

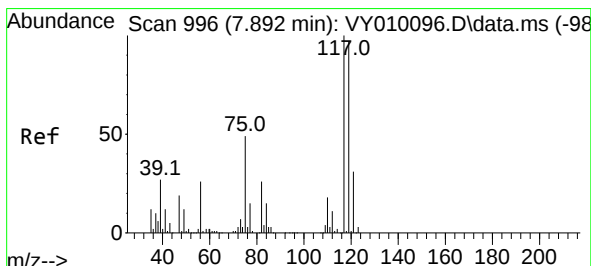
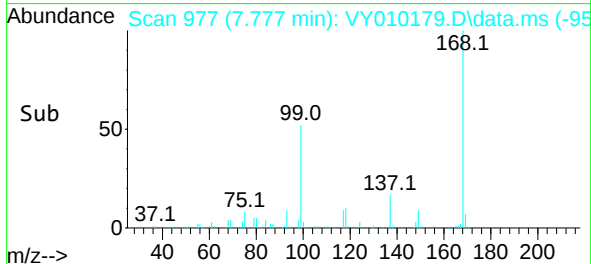
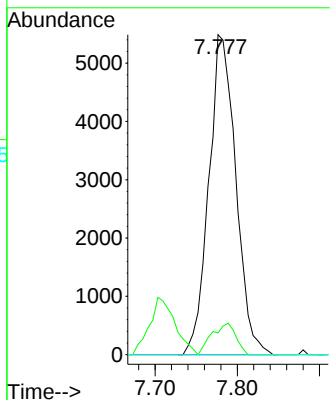
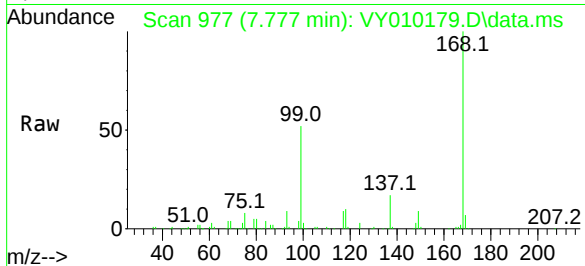




#36
1,1-Dichloropropene
Concen: 4.464 ug/l
RT: 7.777 min Scan# 914
Delta R.T. -0.134 min
Lab File: VY010179.D
Acq: 23 Aug 2022 20:42

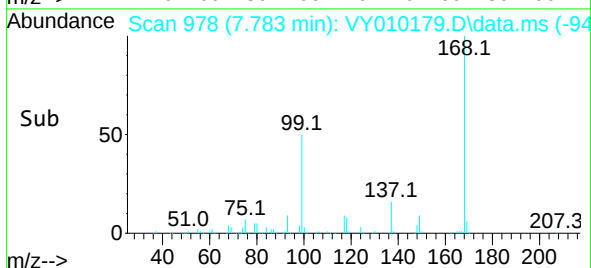
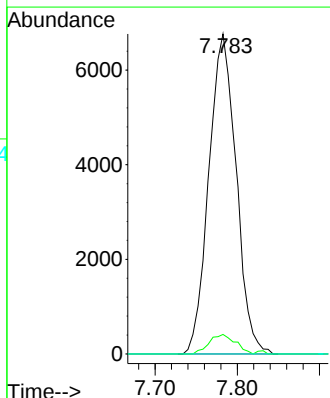
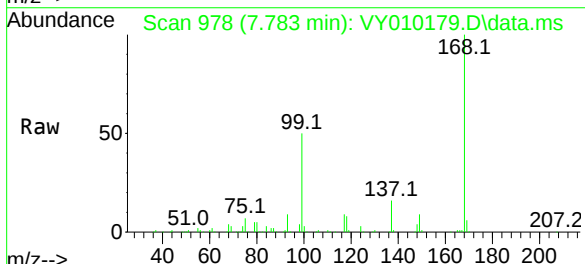
Instrument :
MSVOA_Y
ClientSampleId :
S14

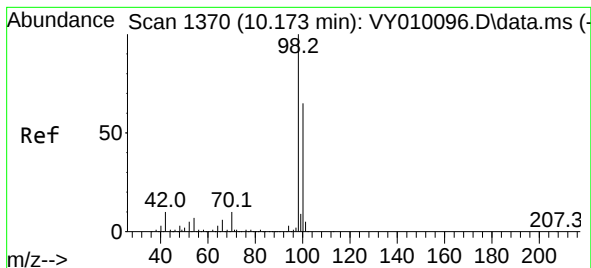
Tgt Ion: 75 Resp: 12538
Ion Ratio Lower Upper
75 100
110 8.7 18.6 56.0#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 5.307 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.109 min
Lab File: VY010179.D
Acq: 23 Aug 2022 20:42

Tgt Ion: 117 Resp: 15631
Ion Ratio Lower Upper
117 100
119 6.1 77.1 115.7#
121 0.0 24.7 37.1#





#50

Toluene-d8

Concen: 49.654 ug/l

RT: 10.179 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY010179.D

Acq: 23 Aug 2022 20:42

Instrument :

MSVOA_Y

ClientSampleId :

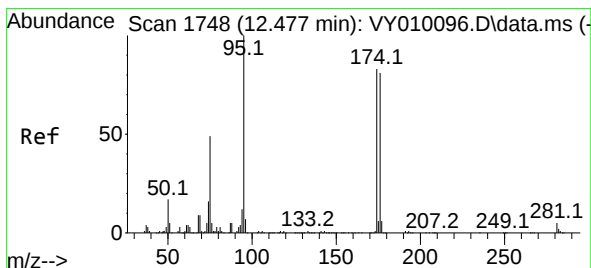
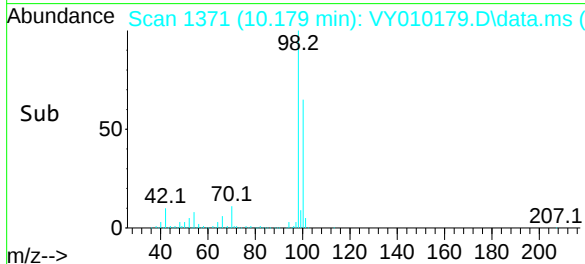
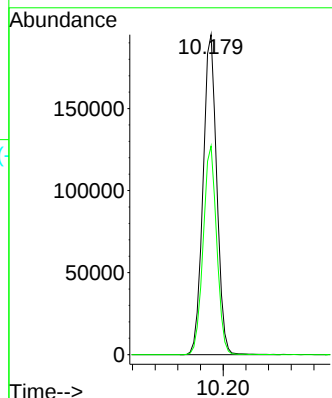
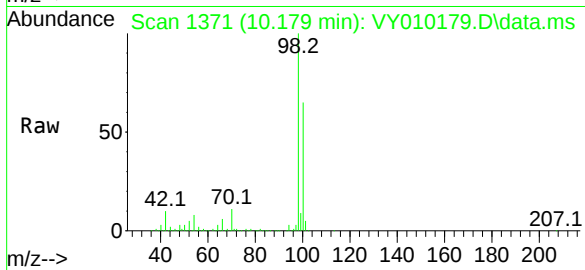
S14

Tgt Ion: 98 Resp: 327358

Ion Ratio Lower Upper

98 100

100 64.3 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 45.162 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.000 min

Lab File: VY010179.D

Acq: 23 Aug 2022 20:42

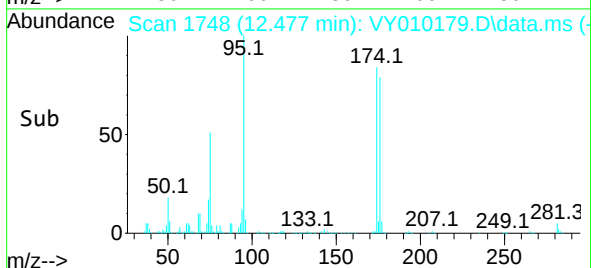
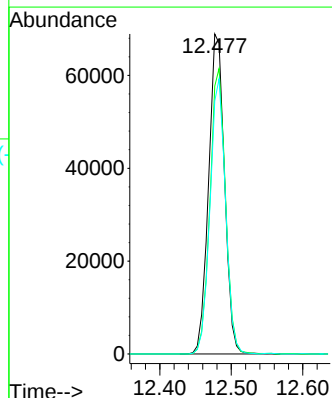
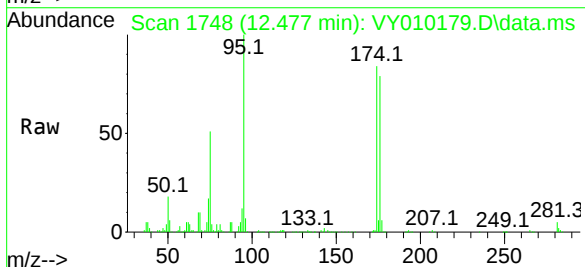
Tgt Ion: 95 Resp: 106382

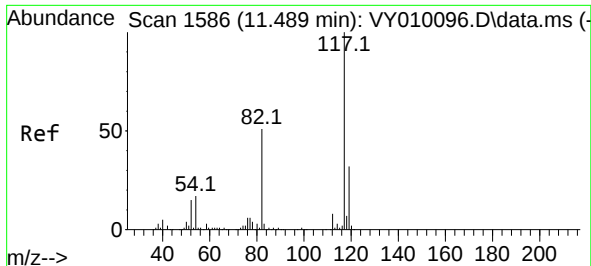
Ion Ratio Lower Upper

95 100

174 87.2 0.0 173.8

176 83.9 0.0 167.2

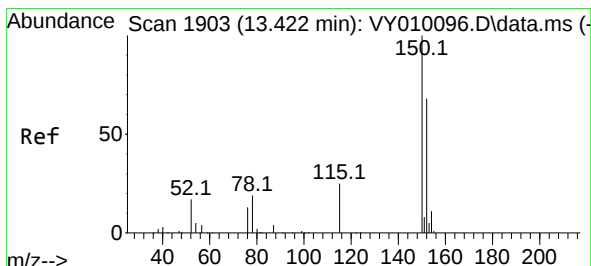
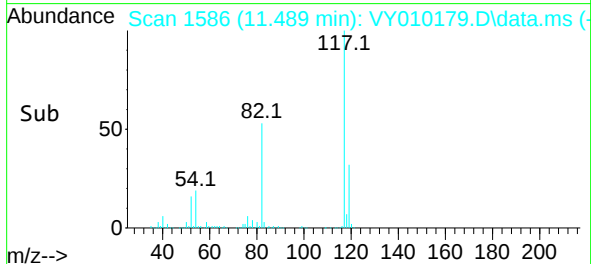
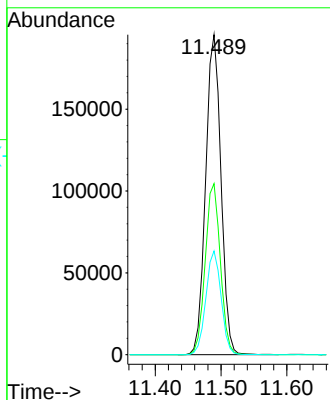
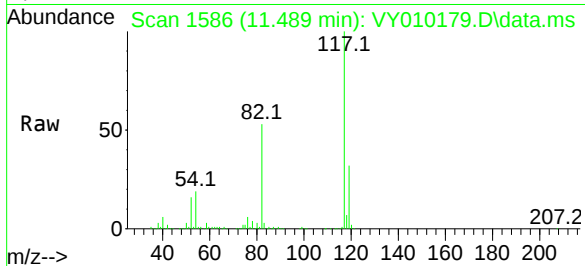




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY010179.D
Acq: 23 Aug 2022 20:42

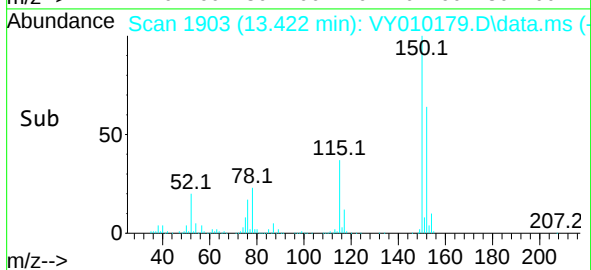
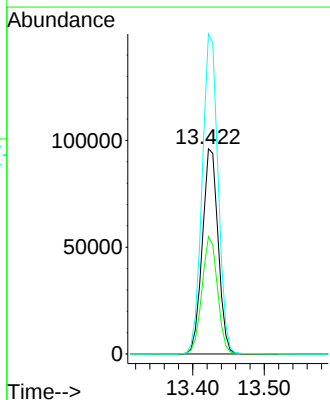
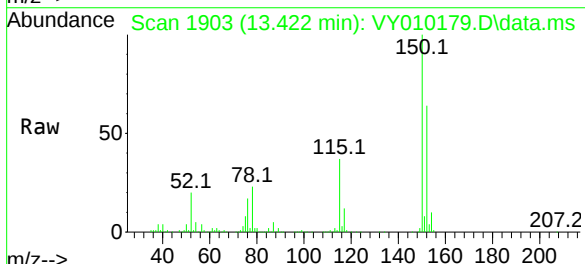
Instrument :
MSVOA_Y
ClientSampleId :
S14

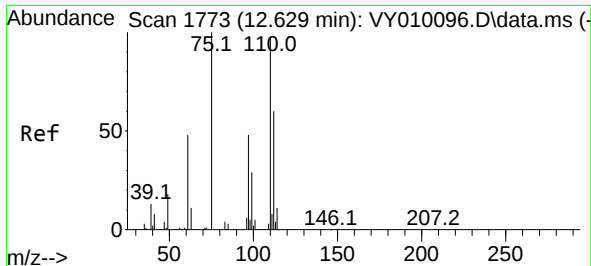
Tgt Ion:117 Resp: 317134
Ion Ratio Lower Upper
117 100
82 53.4 40.6 61.0
119 32.4 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY010179.D
Acq: 23 Aug 2022 20:42

Tgt Ion:152 Resp: 147488
Ion Ratio Lower Upper
152 100
115 56.3 28.1 84.2
150 156.9 0.0 346.2

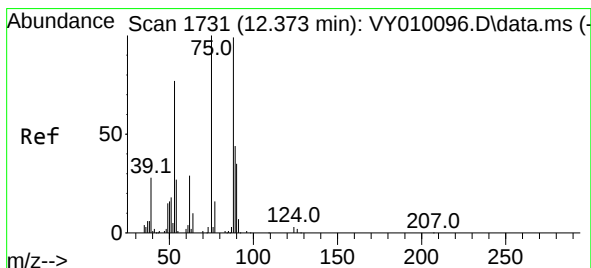
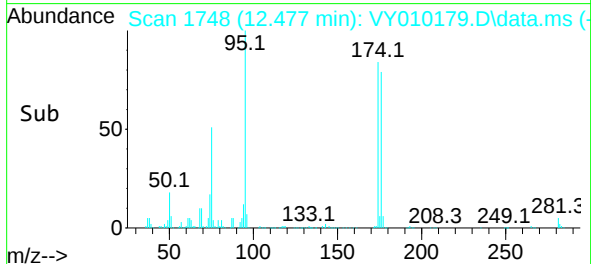
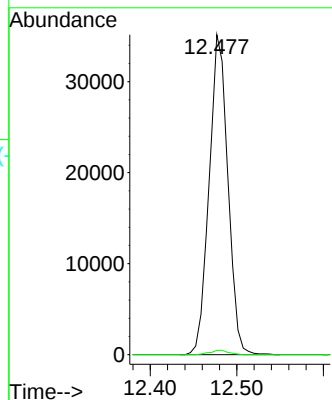
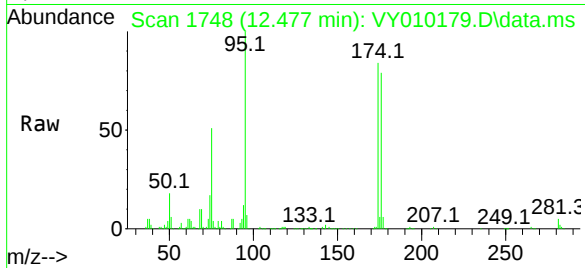




#76
1,2,3-Trichloropropane
Concen: 38.297 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY010179.D
Acq: 23 Aug 2022 20:42

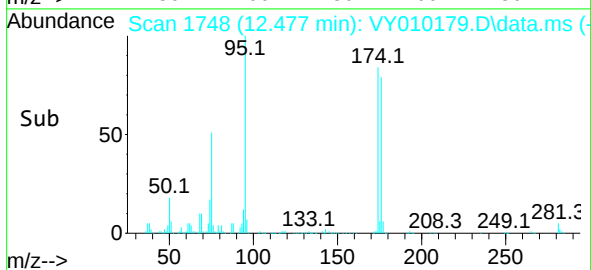
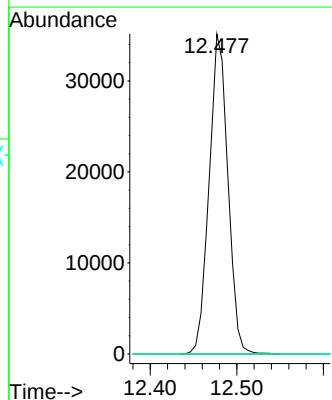
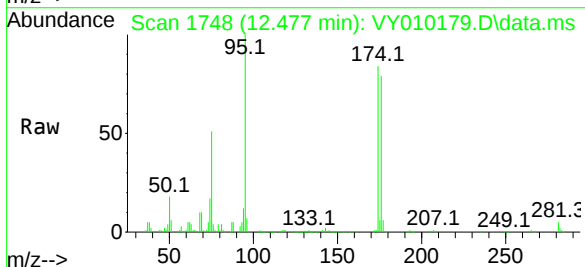
Instrument :
MSVOA_Y
ClientSampleId :
S14

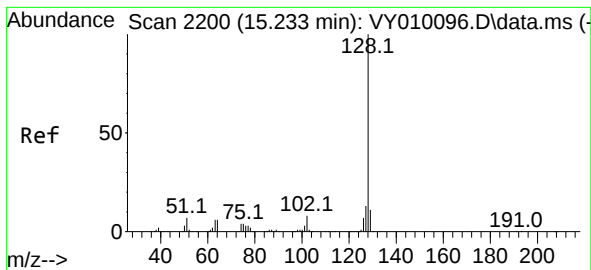
Tgt Ion: 75 Resp: 52898
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 76.919 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY010179.D
Acq: 23 Aug 2022 20:42

Tgt Ion: 75 Resp: 52898
Ion Ratio Lower Upper
75 100
53 0.0 62.6 94.0#
89 0.0 36.8 55.2#





#95

Naphthalene

Concen: 3.911 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.001 min

Lab File: VY010179.D

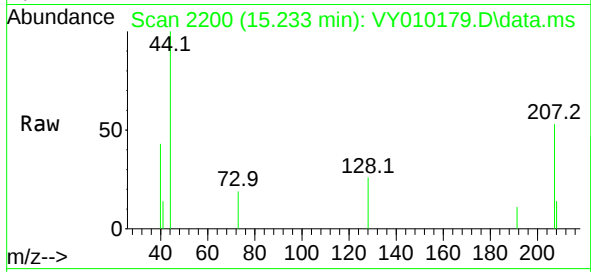
Acq: 23 Aug 2022 20:42

Instrument :

MSVOA_Y

ClientSampleId :

S14



Tgt Ion:128 Resp: 149

Ion Ratio Lower Upper

128 100

127 0.0 10.2 15.2#

129 0.0 8.9 13.3#

