

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081922\
 Data File : VY010132.D
 Acq On : 20 Aug 2022 03:36
 Operator : KP/MD
 Sample : N4243-01
 Misc : 5.24g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-4

Quant Time: Aug 22 02:52:49 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)

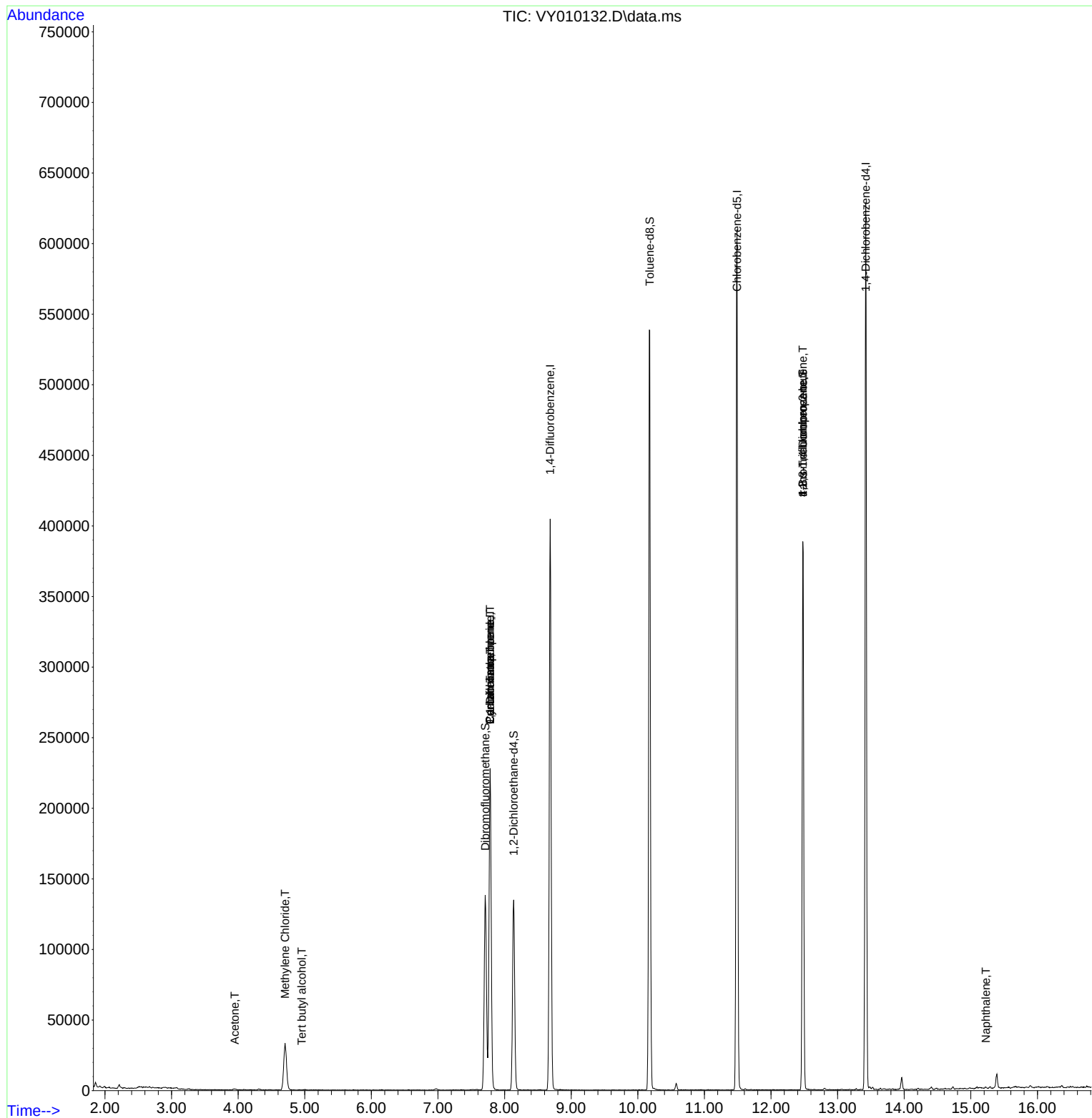
Internal Standards						
1) Pentafluorobenzene	7.783	168	184782	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	356629	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	354849	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	167209	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	103173	68.167	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 136.340%	
35) Dibromofluoromethane	7.710	113	99265	49.397	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.800%	
50) Toluene-d8	10.179	98	370304	49.178	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 98.360%	
62) 4-Bromofluorobenzene	12.477	95	123805	46.018	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 92.040%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	139	11.303	ug/l #	73
16) Acetone	3.948	43	1168	3.083	ug/l #	82
20) Methylene Chloride	4.704	84	26099	4.828	ug/l	92
31) Cyclohexane	7.783	56	3162	1.020	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	12684	3.954	ug/l #	48
38) Carbon Tetrachloride	7.783	117	17337	5.154	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	59467	37.975	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	59467	76.273	ug/l #	18
95) Naphthalene	15.227	128	279	3.927	ug/l #	69

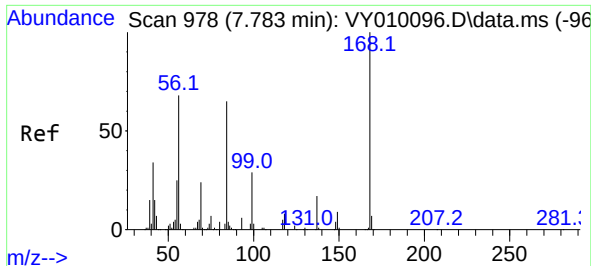
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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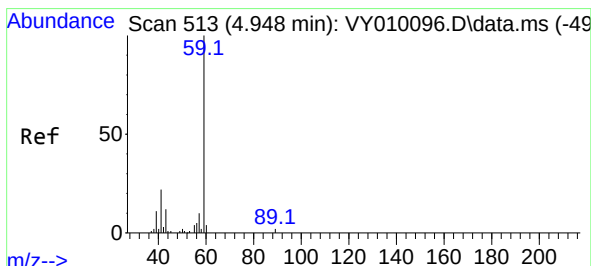
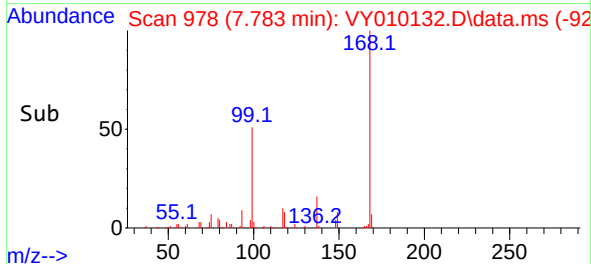
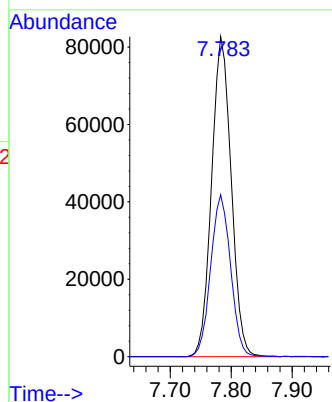
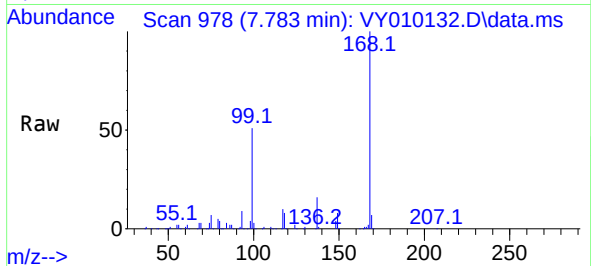




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010132.D
Acq: 20 Aug 2022 03:36

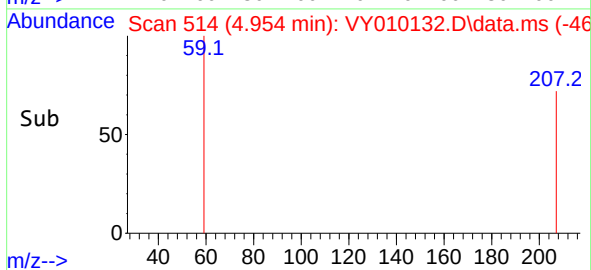
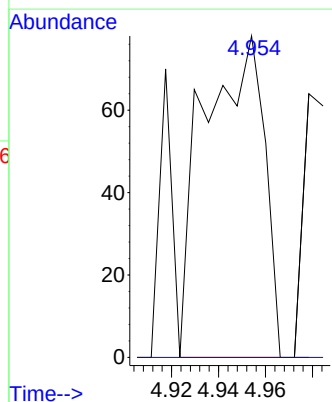
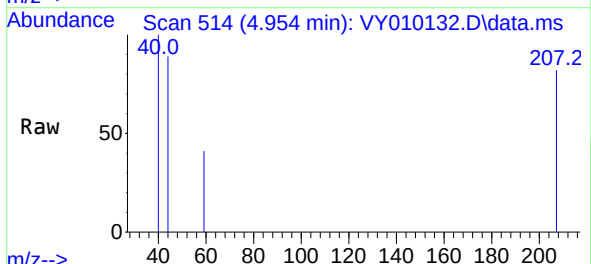
Instrument :
MSVOA_Y
ClientSampleId :
B-4

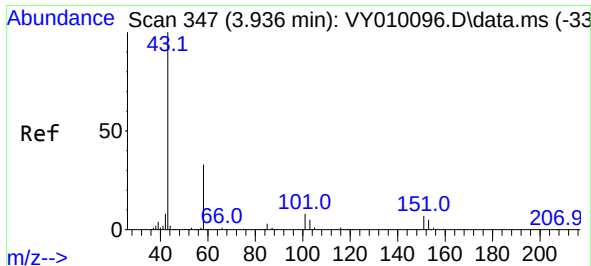
Tgt Ion:168 Resp: 184782
Ion Ratio Lower Upper
168 100
99 50.6 40.7 61.1



#11
Tert butyl alcohol
Concen: 11.303 ug/l
RT: 4.954 min Scan# 514
Delta R.T. 0.006 min
Lab File: VY010132.D
Acq: 20 Aug 2022 03:36

Tgt Ion: 59 Resp: 139
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

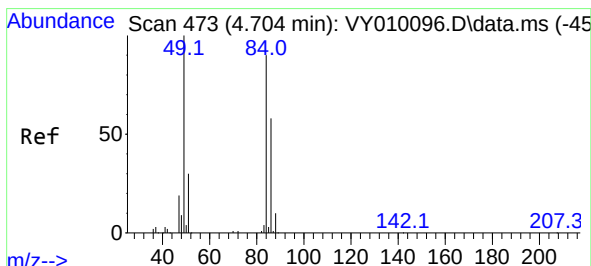
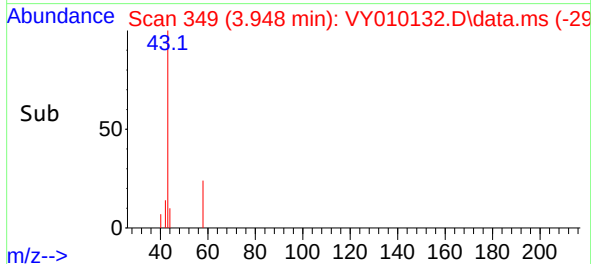
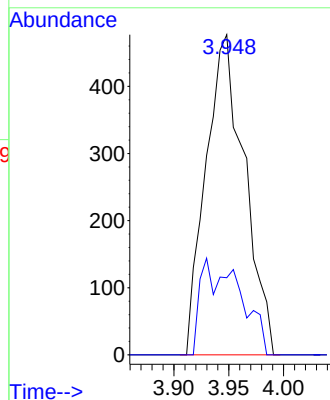
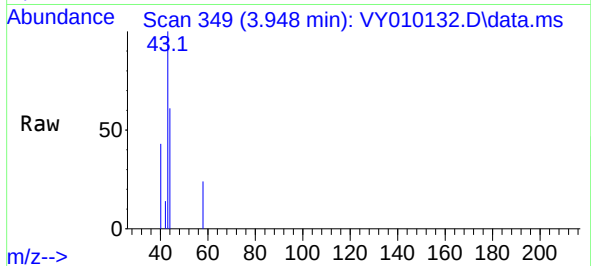




#16
Acetone
Concen: 3.083 ug/l
RT: 3.948 min Scan# 34
Delta R.T. 0.012 min
Lab File: VY010132.D
Acq: 20 Aug 2022 03:36

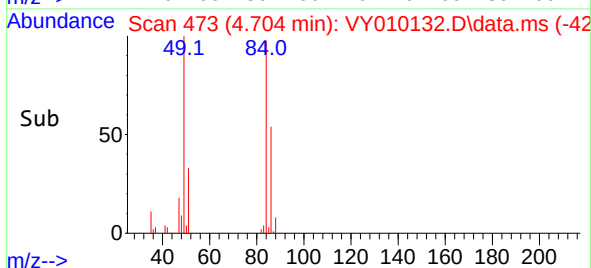
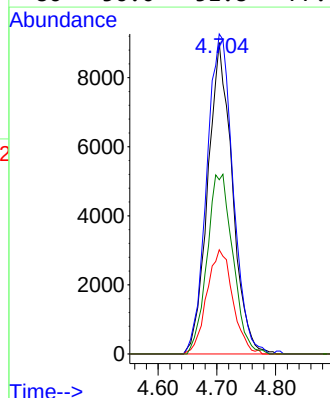
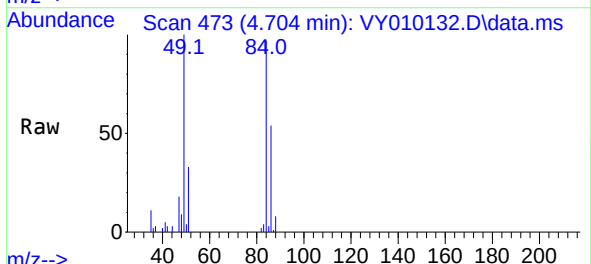
Instrument :
MSVOA_Y
ClientSampleId :
B-4

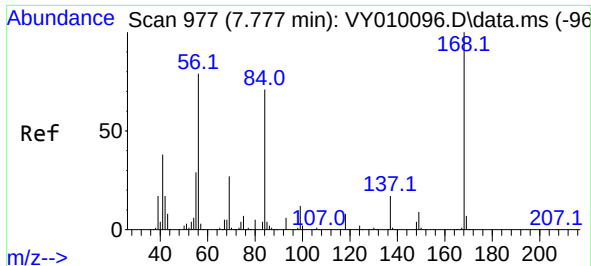
Tgt Ion: 43 Resp: 1168
Ion Ratio Lower Upper
43 100
58 24.1 27.4 41.0#



#20
Methylene Chloride
Concen: 4.828 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY010132.D
Acq: 20 Aug 2022 03:36

Tgt Ion: 84 Resp: 26099
Ion Ratio Lower Upper
84 100
49 102.8 89.0 133.4
51 33.4 27.0 40.6
86 56.0 51.8 77.6

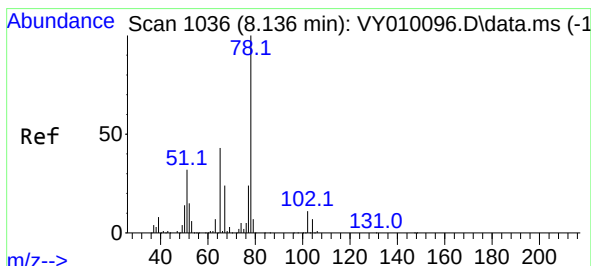
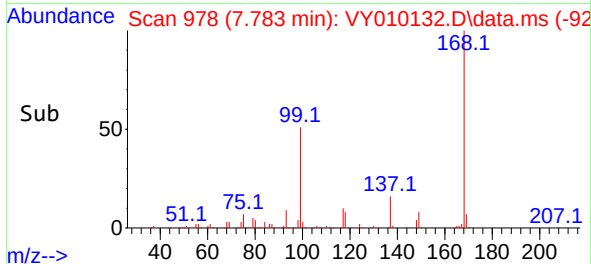
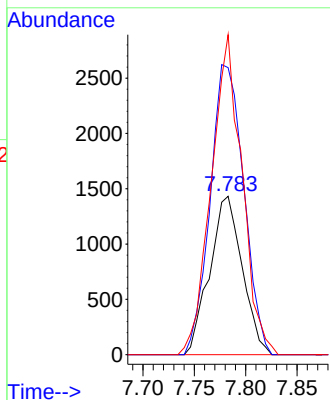
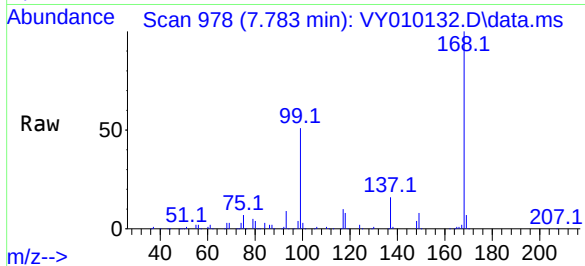




#31
Cyclohexane
Concen: 1.020 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010132.D
Acq: 20 Aug 2022 03:36

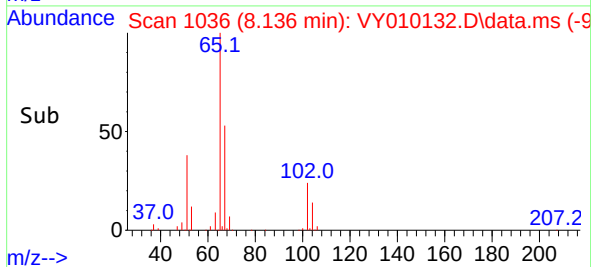
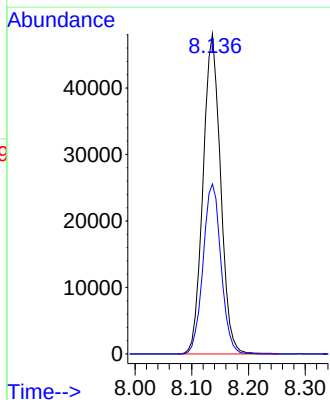
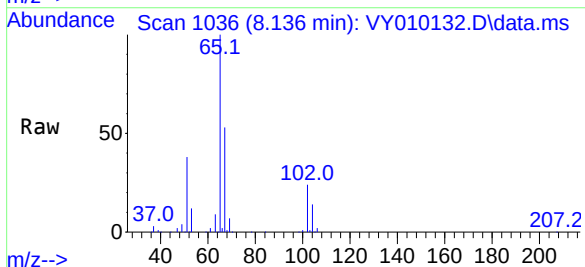
Instrument :
MSVOA_Y
ClientSampleId :
B-4

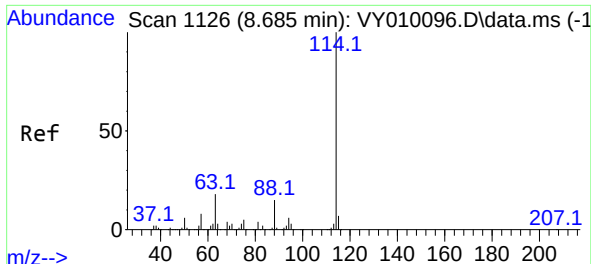
Tgt Ion: 56 Resp: 3162
Ion Ratio Lower Upper
56 100
69 181.2 27.3 40.9#
84 202.0 72.6 109.0#



#33
1,2-Dichloroethane-d4
Concen: 68.167 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY010132.D
Acq: 20 Aug 2022 03:36

Tgt Ion: 65 Resp: 103173
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: VY010132.D

Acq: 20 Aug 2022 03:36

Instrument :

MSVOA_Y

ClientSampleId :

B-4

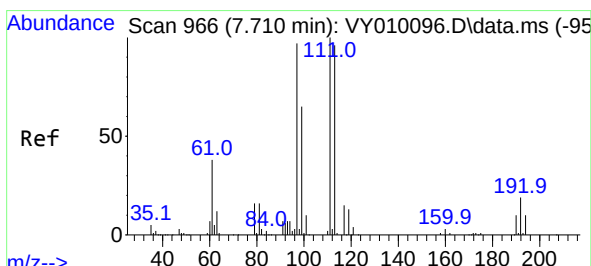
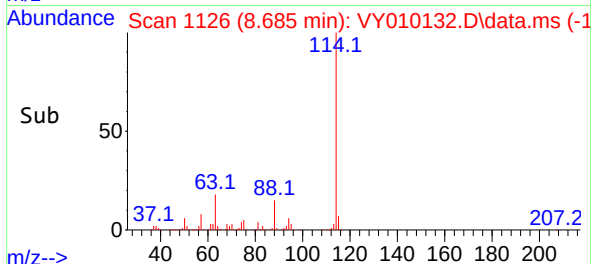
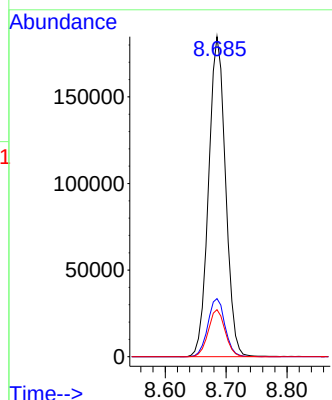
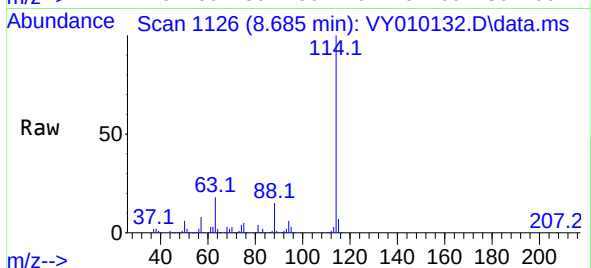
Tgt Ion:114 Resp: 356629

Ion Ratio Lower Upper

114 100

63 18.1 0.0 35.6

88 14.7 0.0 29.6



#35

Dibromofluoromethane

Concen: 49.397 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY010132.D

Acq: 20 Aug 2022 03:36

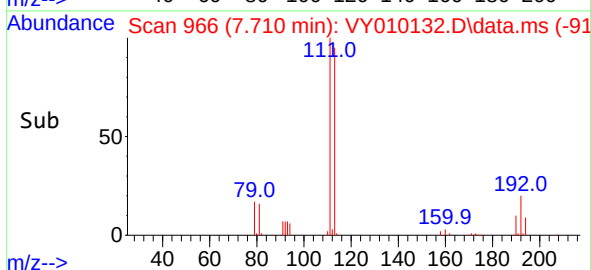
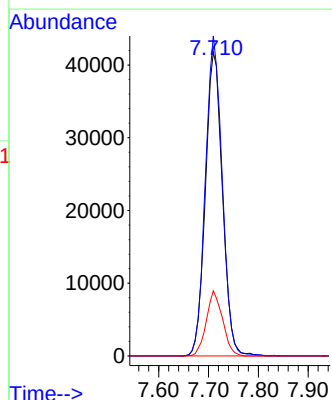
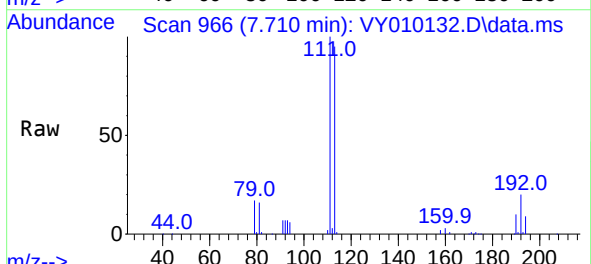
Tgt Ion:113 Resp: 99265

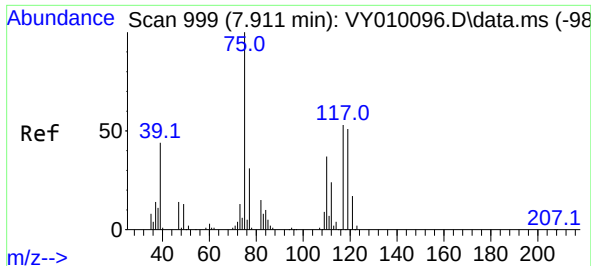
Ion Ratio Lower Upper

113 100

111 103.7 82.8 124.2

192 20.5 16.3 24.5

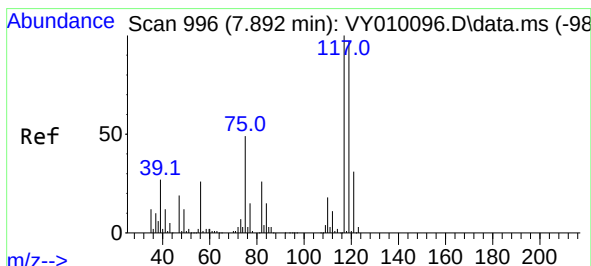
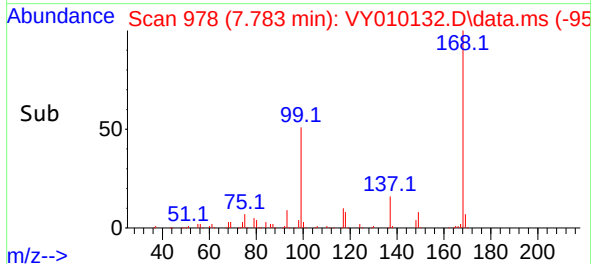
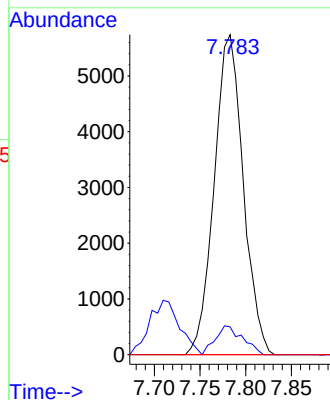
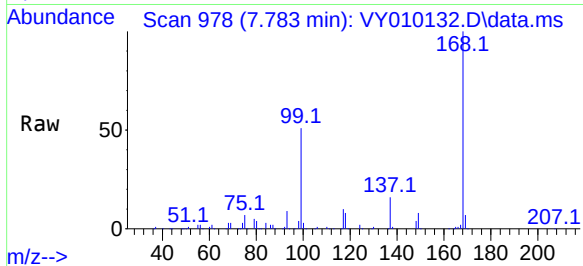




#36
1,1-Dichloropropene
Concen: 3.954 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY010132.D
Acq: 20 Aug 2022 03:36

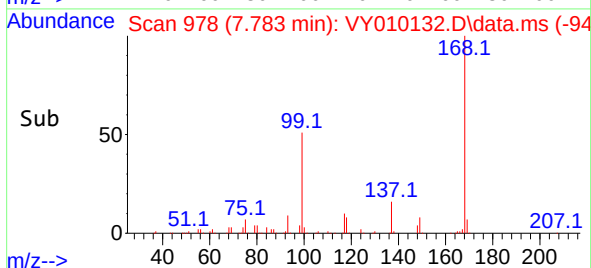
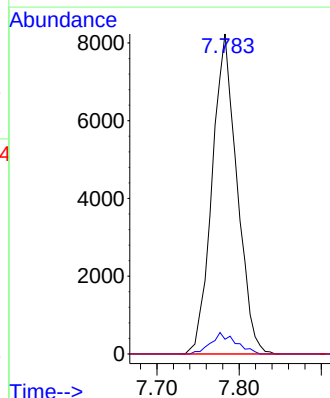
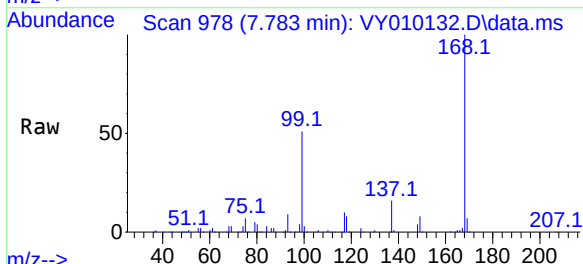
Instrument :
MSVOA_Y
ClientSampleId :
B-4

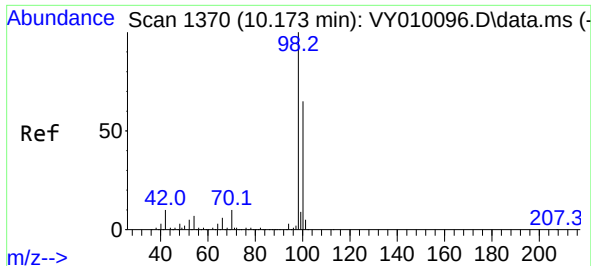
Tgt Ion: 75 Resp: 12684
Ion Ratio Lower Upper
75 100
110 8.4 18.6 56.0#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 5.154 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.109 min
Lab File: VY010132.D
Acq: 20 Aug 2022 03:36

Tgt Ion: 117 Resp: 17337
Ion Ratio Lower Upper
117 100
119 4.6 77.1 115.7#
121 0.0 24.7 37.1#

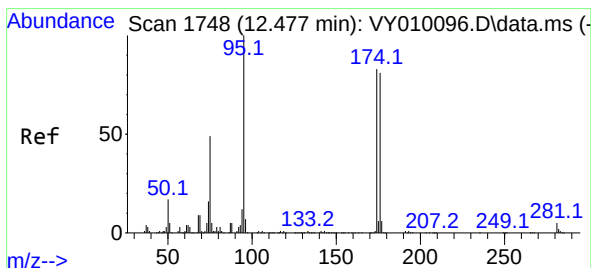
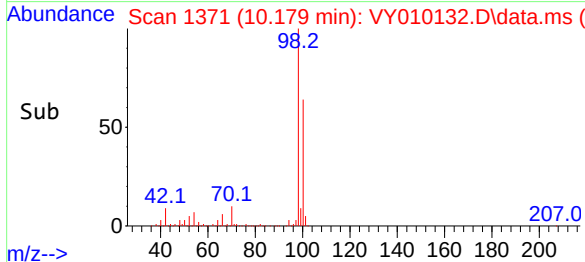
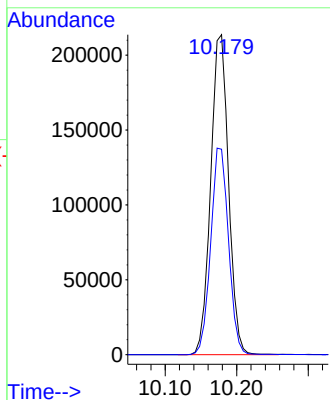
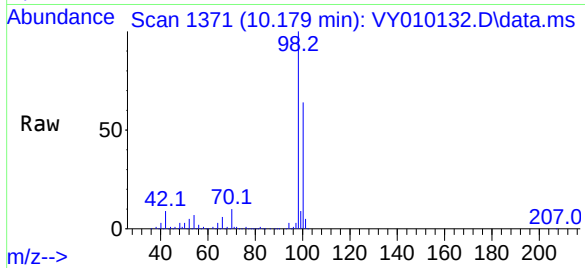




#50
Toluene-d8
Concen: 49.178 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010132.D
Acq: 20 Aug 2022 03:36

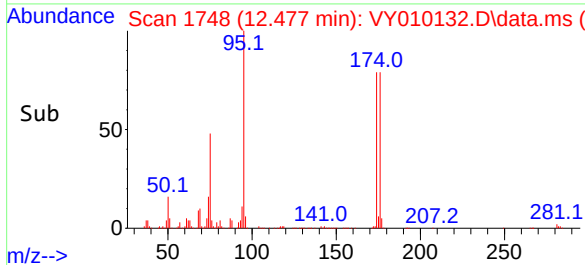
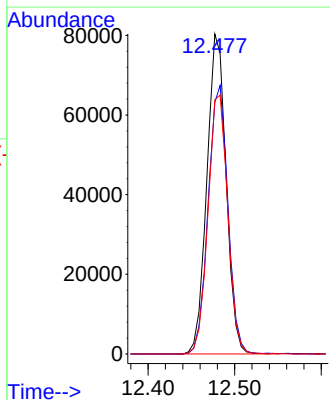
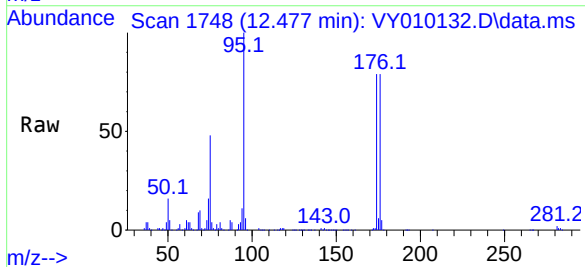
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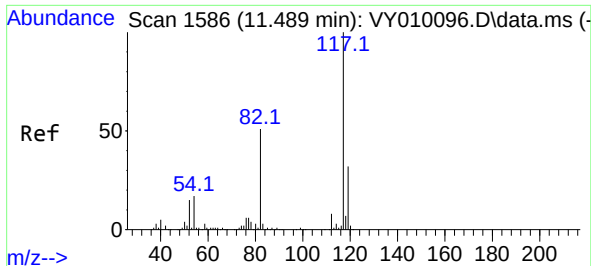
Tgt Ion: 98 Resp: 370304
Ion Ratio Lower Upper
98 100
100 64.5 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 46.018 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010132.D
Acq: 20 Aug 2022 03:36

Tgt Ion: 95 Resp: 123805
Ion Ratio Lower Upper
95 100
174 86.3 0.0 173.8
176 83.0 0.0 167.2

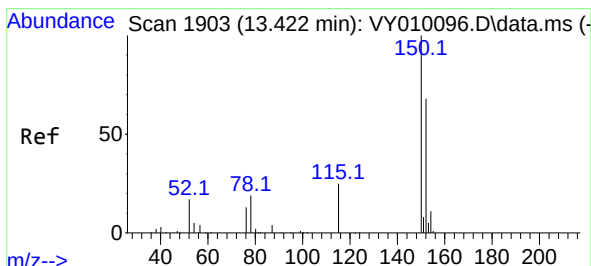
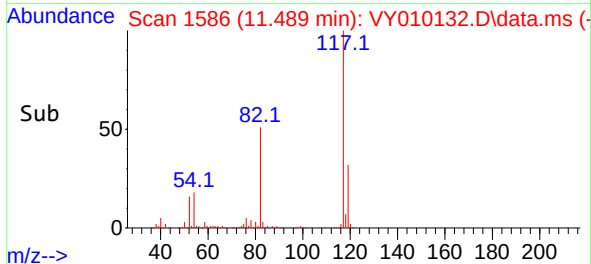
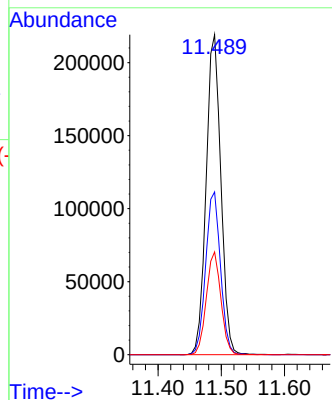
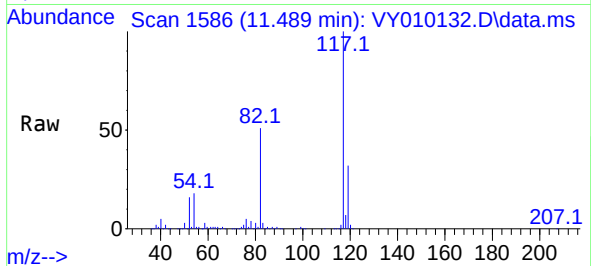




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY010132.D
Acq: 20 Aug 2022 03:36

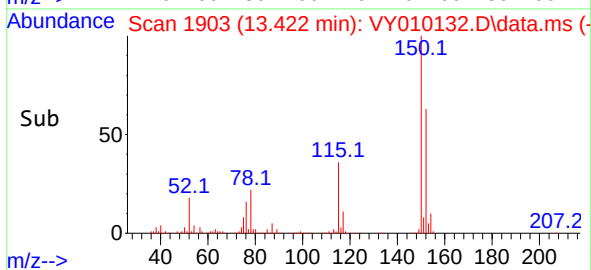
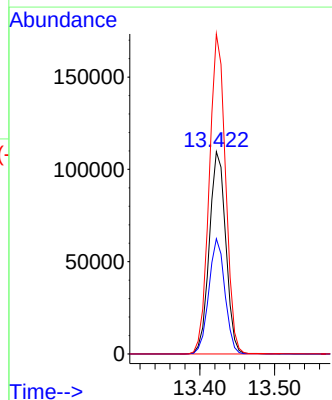
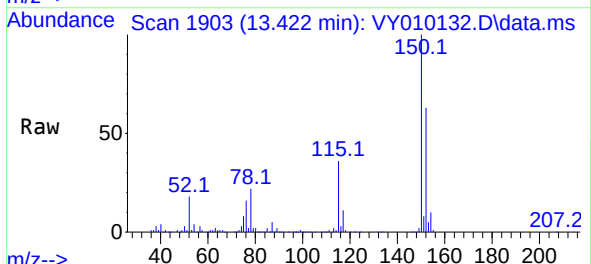
Instrument :
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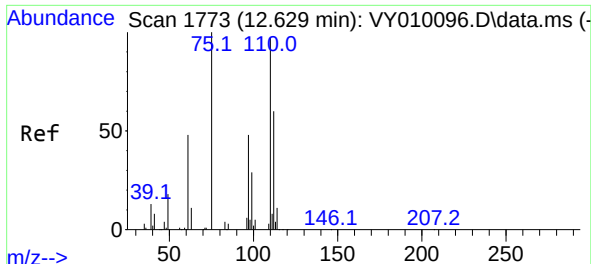
Tgt Ion:117 Resp: 354849
Ion Ratio Lower Upper
117 100
82 50.8 40.6 61.0
119 32.1 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY010132.D
Acq: 20 Aug 2022 03:36

Tgt Ion:152 Resp: 167209
Ion Ratio Lower Upper
152 100
115 55.7 28.1 84.2
150 156.9 0.0 346.2

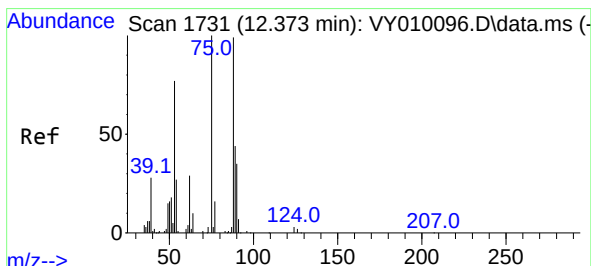
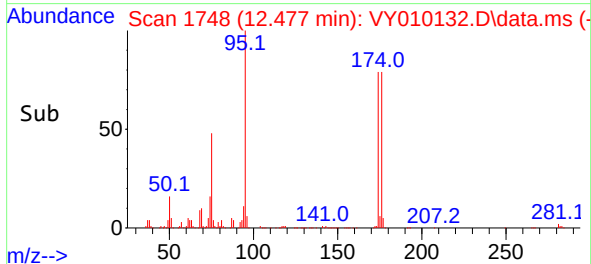
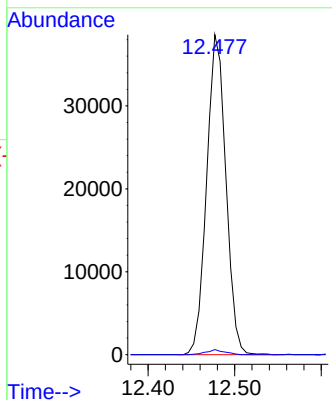
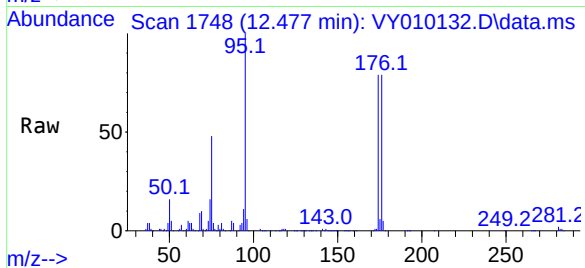




#76
1,2,3-Trichloropropane
Concen: 37.975 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY010132.D
Acq: 20 Aug 2022 03:36

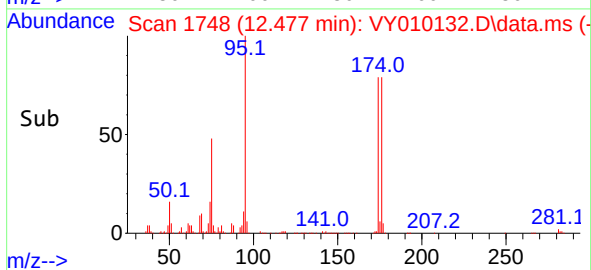
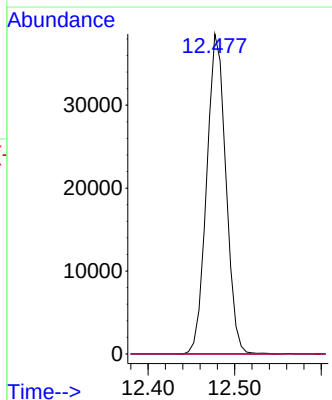
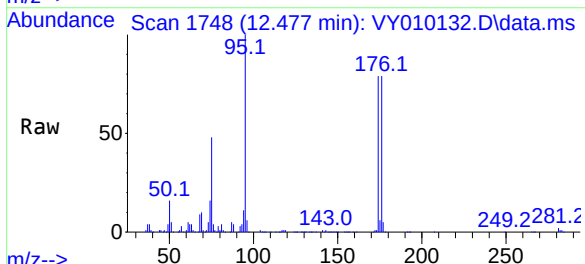
Instrument :
MSVOA_Y
ClientSampleId :
B-4

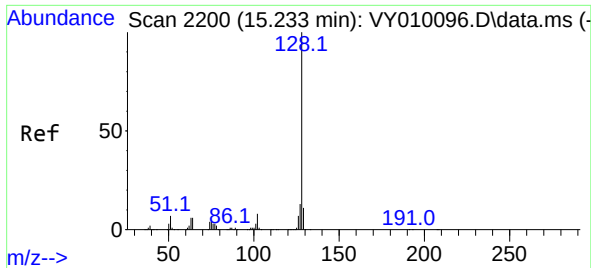
Tgt Ion: 75 Resp: 59467
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 76.273 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY010132.D
Acq: 20 Aug 2022 03:36

Tgt Ion: 75 Resp: 59467
Ion Ratio Lower Upper
75 100
53 0.0 62.6 94.0#
89 0.0 36.8 55.2#





#95

Naphthalene

Concen: 3.927 ug/l

RT: 15.227 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY010132.D

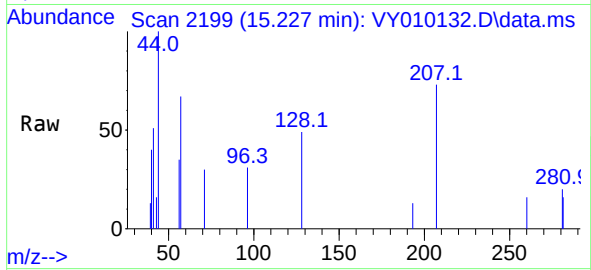
Acq: 20 Aug 2022 03:36

Instrument :

MSVOA_Y

ClientSampleId :

B-4



Tgt Ion:128 Resp: 279

Ion Ratio Lower Upper

128 100

127 0.0 10.2 15.2#

129 0.0 8.9 13.3#

