

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033122\
 Data File : VY008144.D
 Acq On : 31 Mar 2022 17:29
 Operator : SY/MD
 Sample : N2195-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1-1-5FT

Quant Time: Apr 01 04:34:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 26 03:24:51 2022
 Response via : Initial Calibration

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

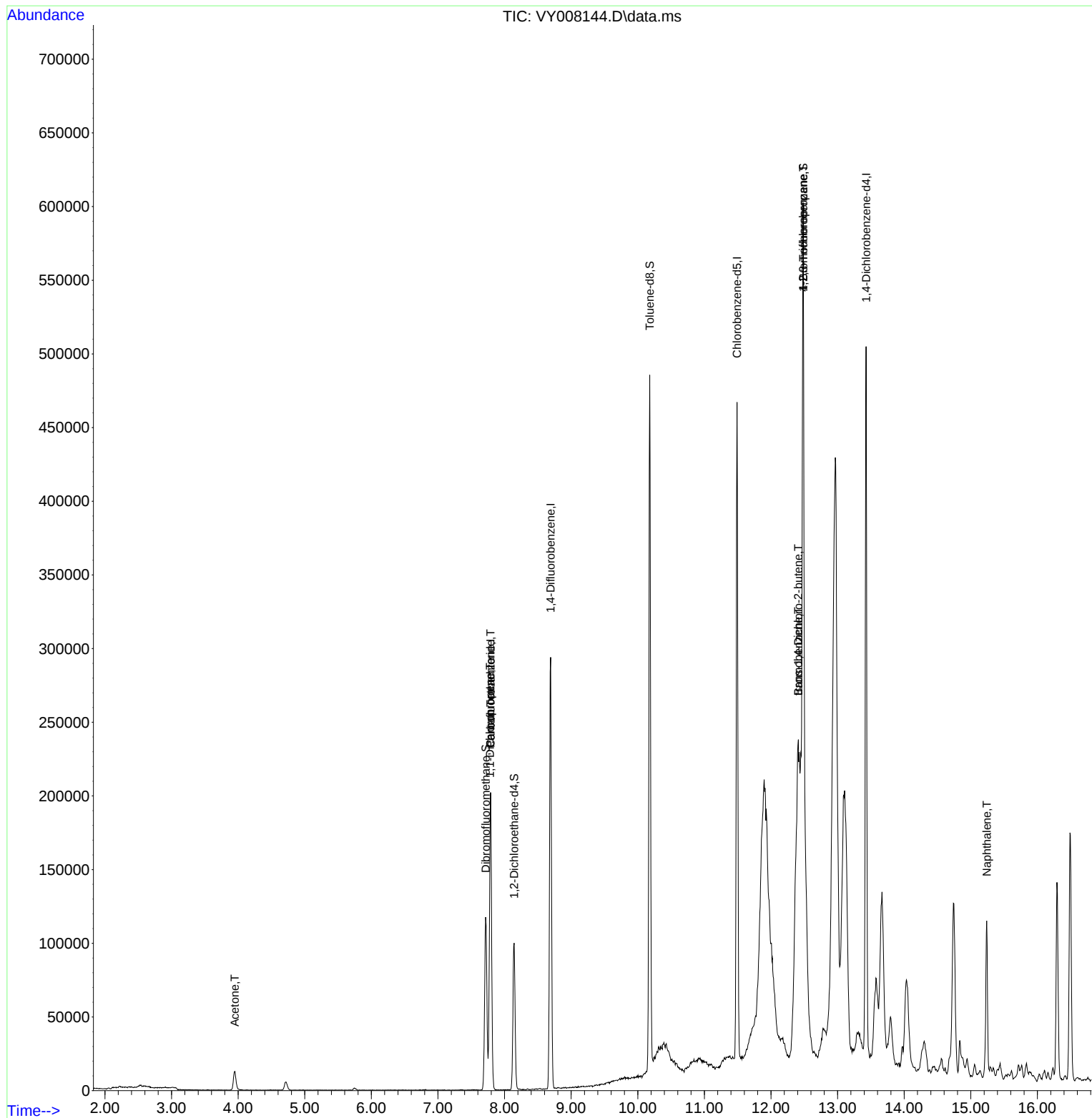
Internal Standards						
1) Pentafluorobenzene	7.789	168	164310	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	272666	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	261923	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	127996	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	77873	47.238	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.480%
35) Dibromofluoromethane	7.716	113	85410	49.961	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.920%
50) Toluene-d8	10.179	98	320836	49.814	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.620%
62) 4-Bromofluorobenzene	12.483	95	117304	51.623	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.240%
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	22253	59.057	ug/l #	83
18) Methyl Acetate	4.466	43	104	Below Cal	#	56
20) Methylene Chloride	4.723	84	5148	Below Cal	#	64
36) 1,1-Dichloropropene	7.783	75	10842	4.037	ug/l #	51
38) Carbon Tetrachloride	7.789	117	15698	5.364	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	62799	40.249	ug/l #	100
77) Bromobenzene	12.410	156	225351	92.976	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.410	75	5810	8.308	ug/l #	12
95) Naphthalene	15.239	128	90911	16.231	ug/l	99

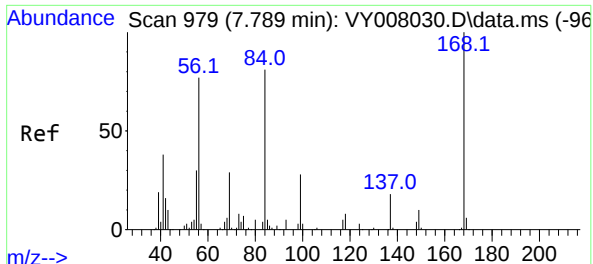
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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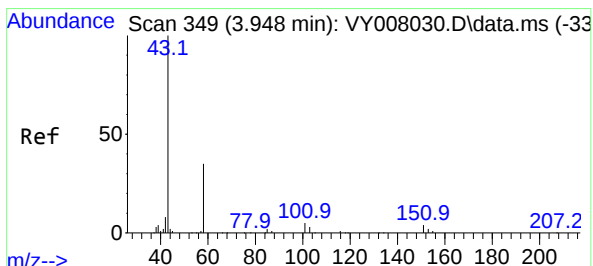
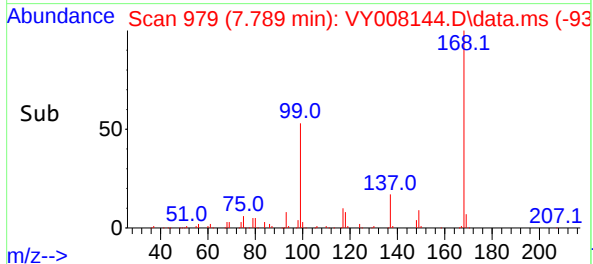
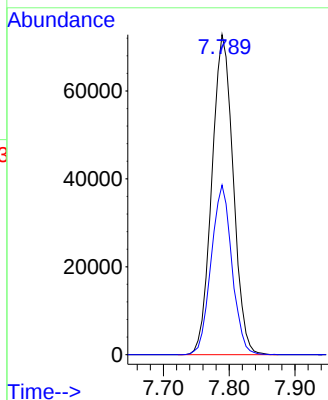
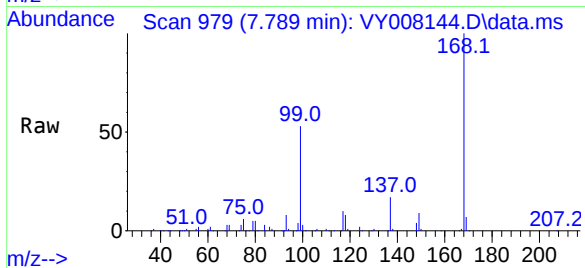




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008144.D
Acq: 31 Mar 2022 17:29

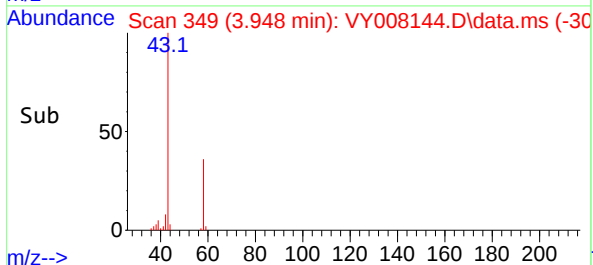
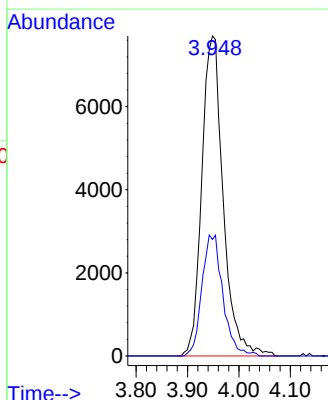
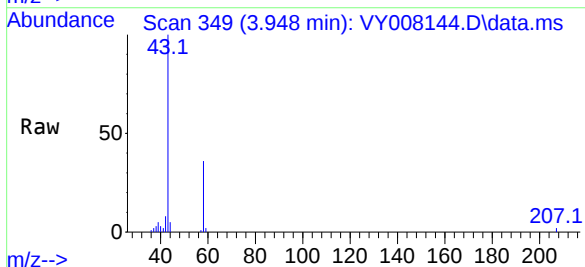
Instrument :
MSVOA_Y
ClientSampleId :
TP-1-1-5FT

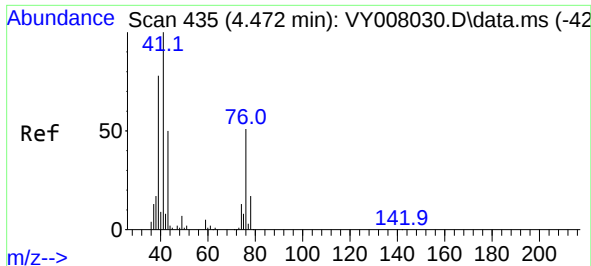
Tgt Ion:168 Resp: 164310
Ion Ratio Lower Upper
168 100
99 53.0 46.9 70.3



#16
Acetone
Concen: 59.057 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY008144.D
Acq: 31 Mar 2022 17:29

Tgt Ion: 43 Resp: 22253
Ion Ratio Lower Upper
43 100
58 36.4 22.0 33.0#

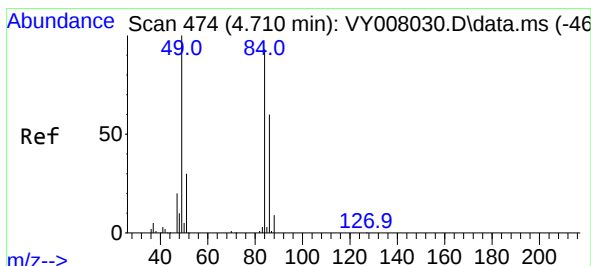
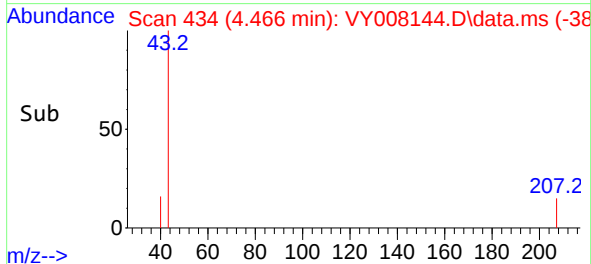
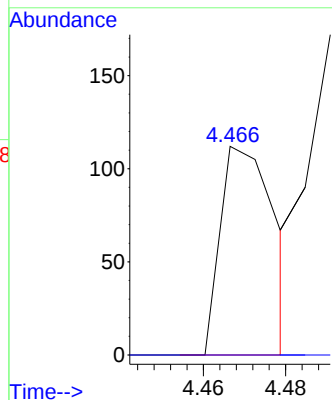
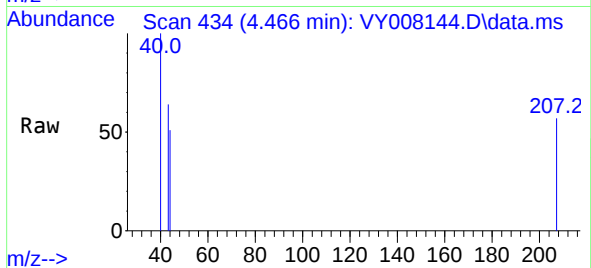




#18
Methyl Acetate
Concen: Below Cal
RT: 4.466 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY008144.D
Acq: 31 Mar 2022 17:29

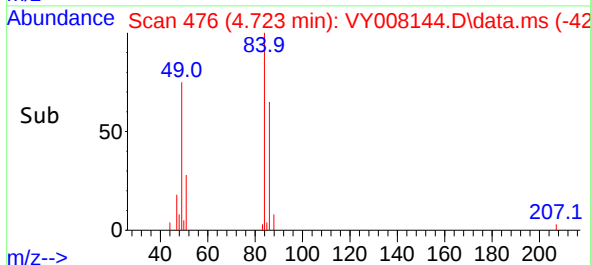
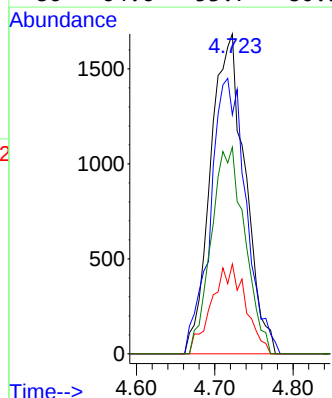
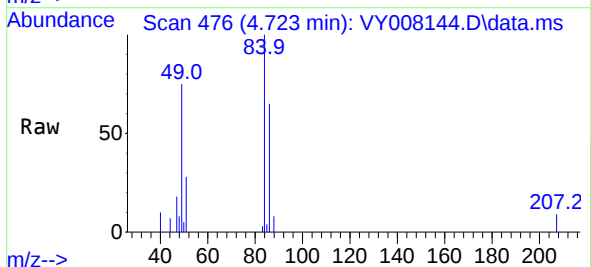
Instrument :
MSVOA_Y
ClientSampleId :
TP-1-1-5FT

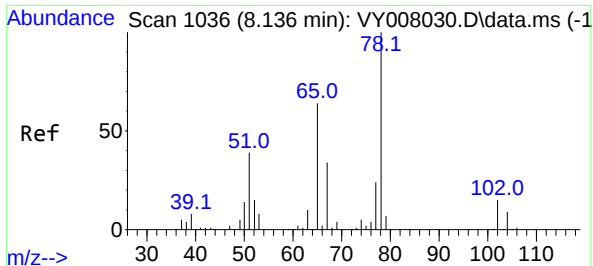
Tgt Ion: 43 Resp: 104
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.723 min Scan# 476
Delta R.T. 0.013 min
Lab File: VY008144.D
Acq: 31 Mar 2022 17:29

Tgt Ion: 84 Resp: 5148
Ion Ratio Lower Upper
84 100
49 74.8 114.4 171.6#
51 28.1 35.3 52.9#
86 64.6 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 47.238 ug/l

RT: 8.143 min Scan# 1036

Delta R.T. 0.007 min

Lab File: VY008144.D

Acq: 31 Mar 2022 17:29

Instrument :

MSVOA_Y

ClientSampleId :

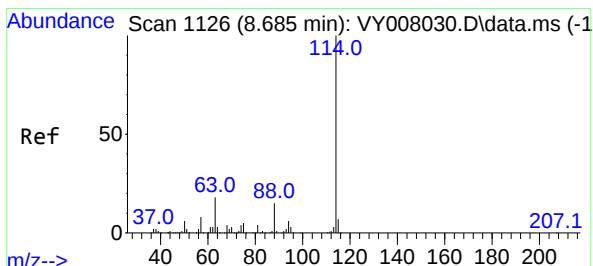
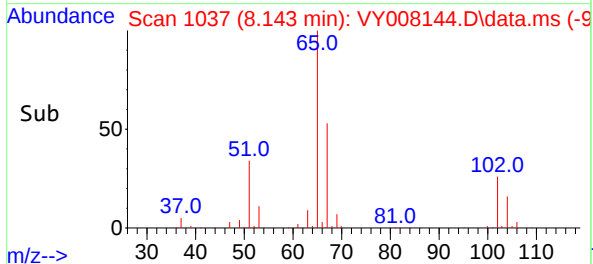
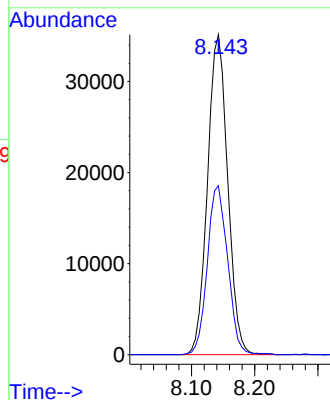
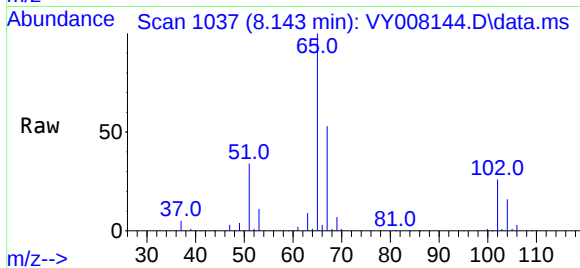
TP-1-1-5FT

Tgt Ion: 65 Resp: 77873

Ion Ratio Lower Upper

65 100

67 53.3 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY008144.D

Acq: 31 Mar 2022 17:29

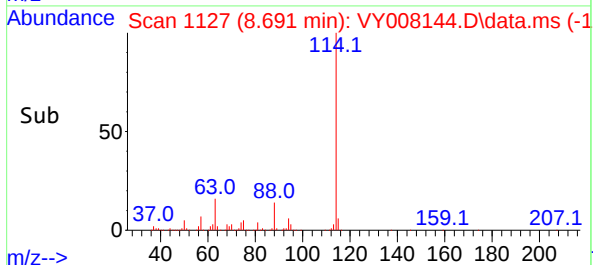
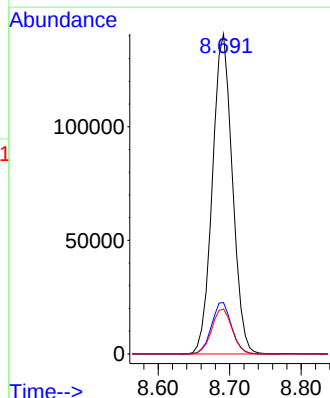
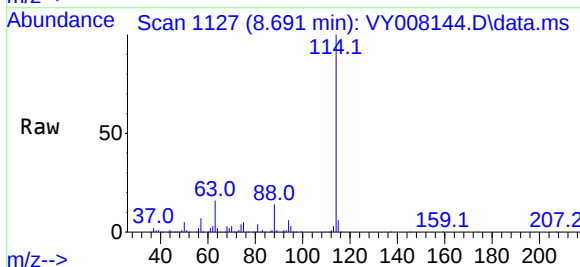
Tgt Ion:114 Resp: 272666

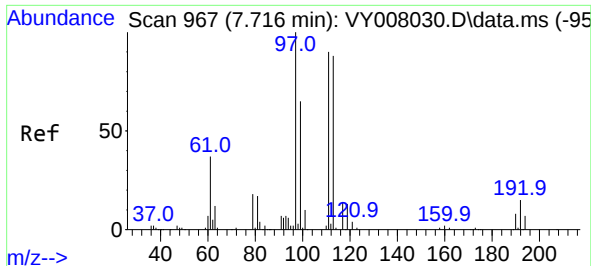
Ion Ratio Lower Upper

114 100

63 16.0 0.0 43.2

88 14.0 0.0 31.8

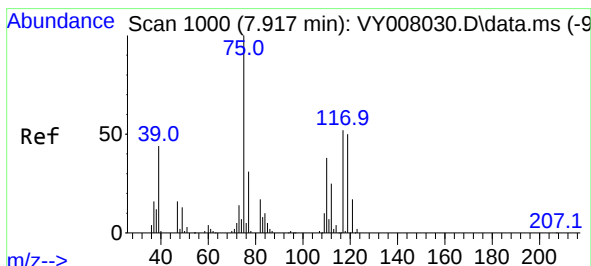
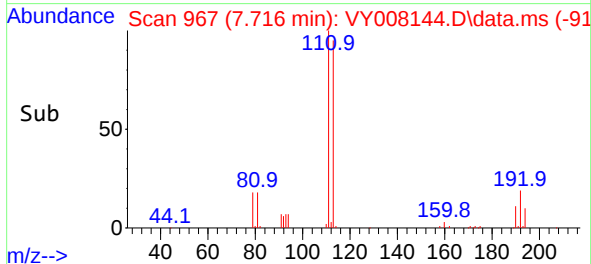
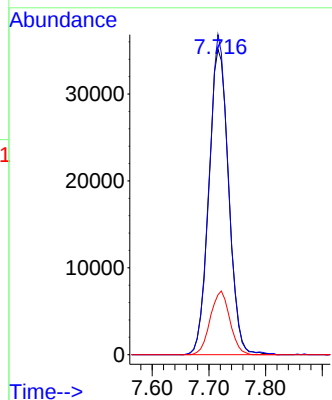
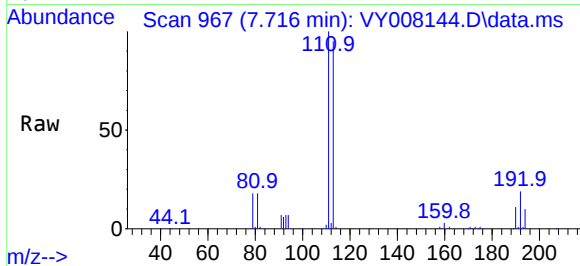




#35
Dibromofluoromethane
Concen: 49.961 ug/l
RT: 7.716 min Scan# 909
Delta R.T. -0.000 min
Lab File: VY008144.D
Acq: 31 Mar 2022 17:29

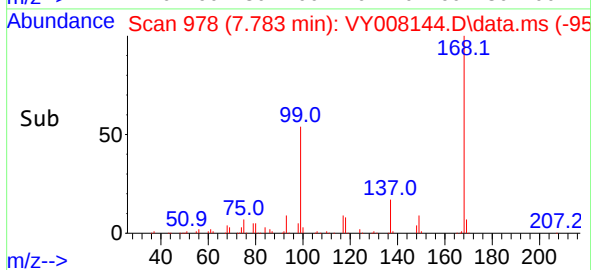
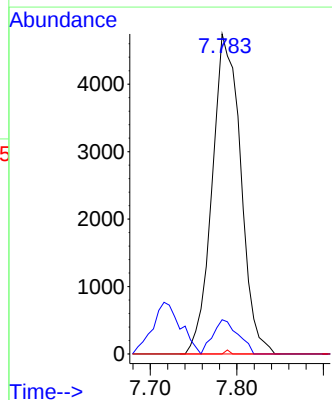
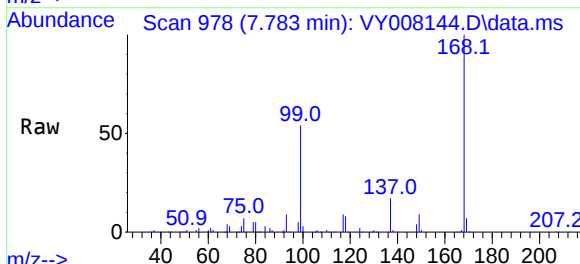
Instrument :
MSVOA_Y
ClientSampleId :
TP-1-1-5FT

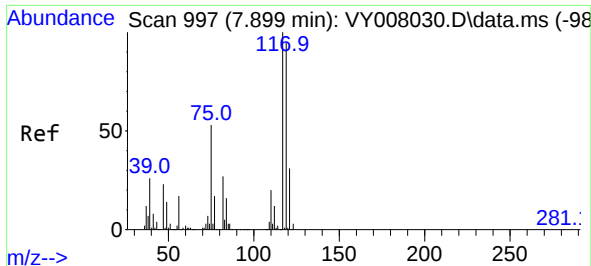
Tgt Ion:113 Resp: 85410
Ion Ratio Lower Upper
113 100
111 101.6 82.6 124.0
192 20.5 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.037 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY008144.D
Acq: 31 Mar 2022 17:29

Tgt Ion: 75 Resp: 10842
Ion Ratio Lower Upper
75 100
110 9.4 17.1 51.2#
77 0.2 24.4 36.6#

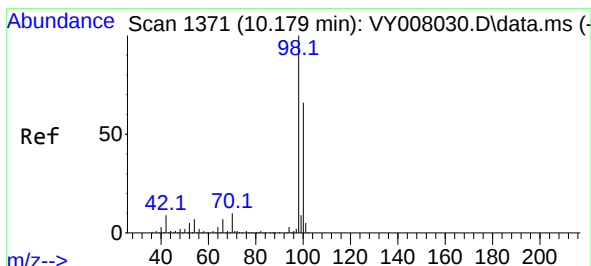
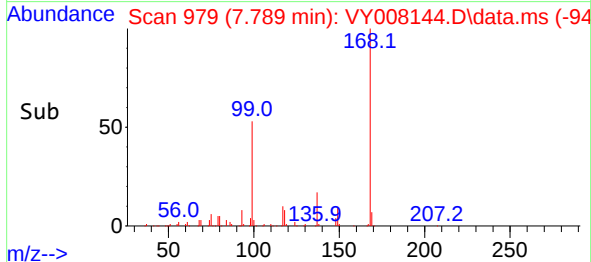
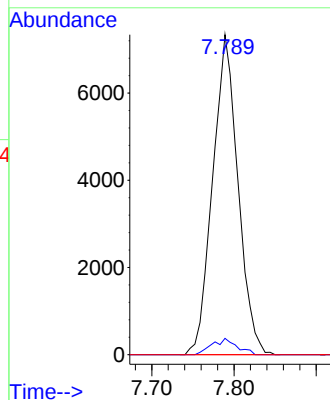
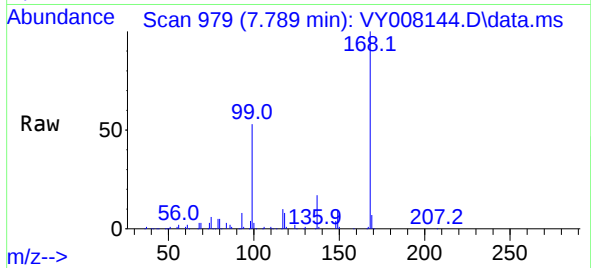




#38
Carbon Tetrachloride
Concen: 5.364 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY008144.D
Acq: 31 Mar 2022 17:29

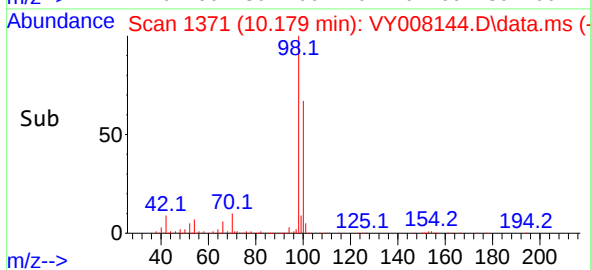
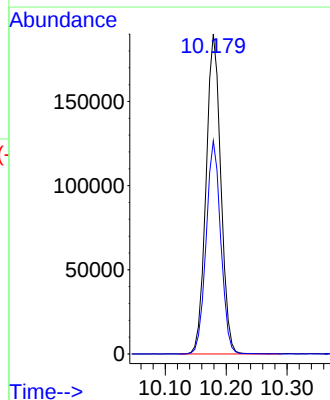
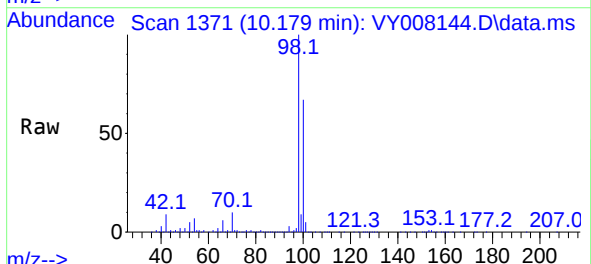
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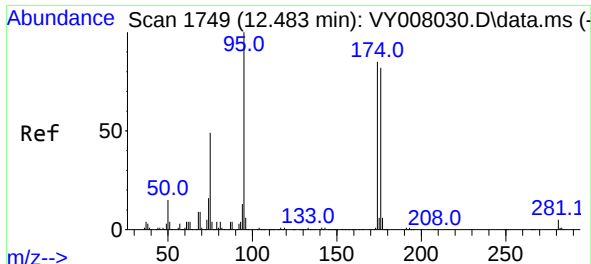
Tgt Ion:117 Resp: 15698
Ion Ratio Lower Upper
117 100
119 5.1 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 49.814 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008144.D
Acq: 31 Mar 2022 17:29

Tgt Ion: 98 Resp: 320836
Ion Ratio Lower Upper
98 100
100 65.8 50.2 75.2

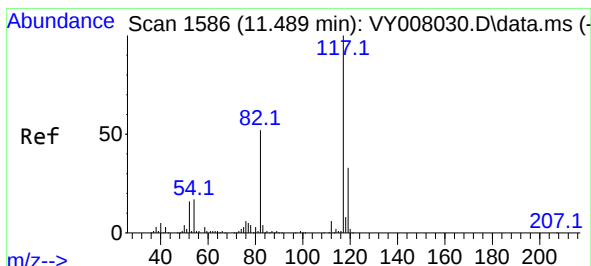
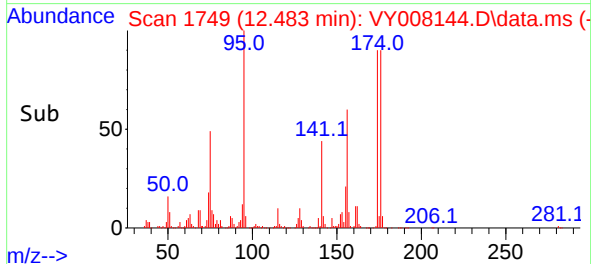
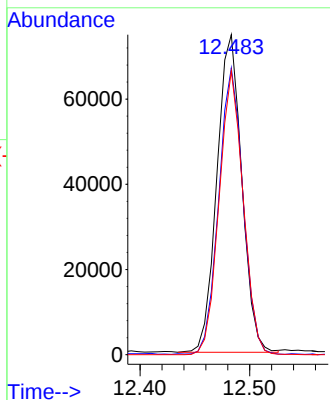
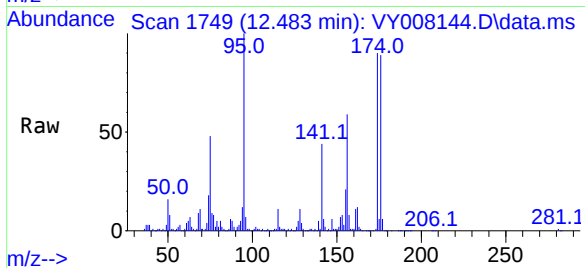




#62
4-Bromofluorobenzene
Concen: 51.623 ug/l
RT: 12.483 min Scan# 117304
Delta R.T. 0.000 min
Lab File: VY008144.D
Acq: 31 Mar 2022 17:29

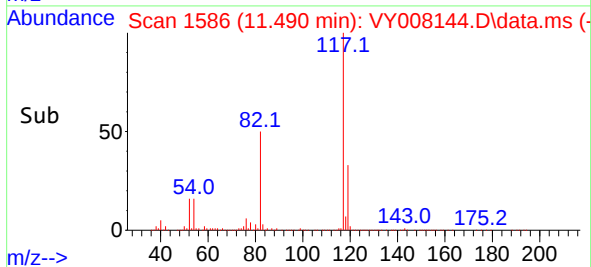
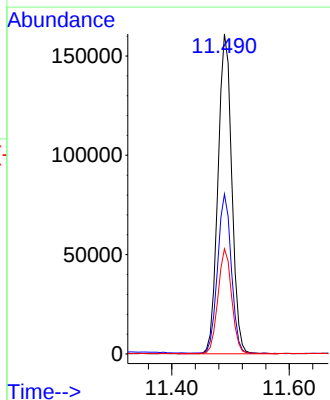
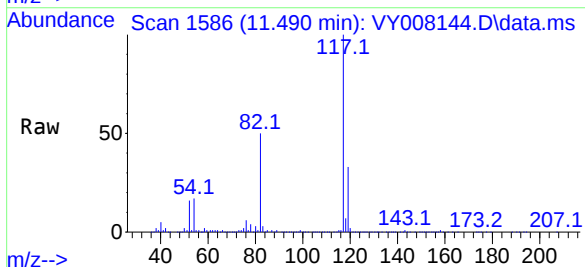
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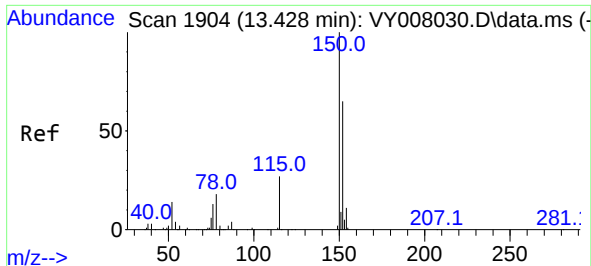
Tgt Ion: 95 Resp: 117304
Ion Ratio Lower Upper
95 100
174 88.2 0.0 177.0
176 86.2 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY008144.D
Acq: 31 Mar 2022 17:29

Tgt Ion: 117 Resp: 261923
Ion Ratio Lower Upper
117 100
82 49.8 43.0 64.4
119 32.7 25.4 38.0

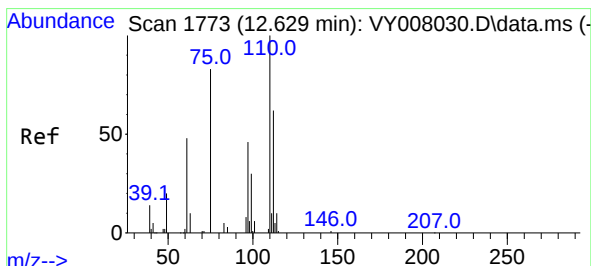
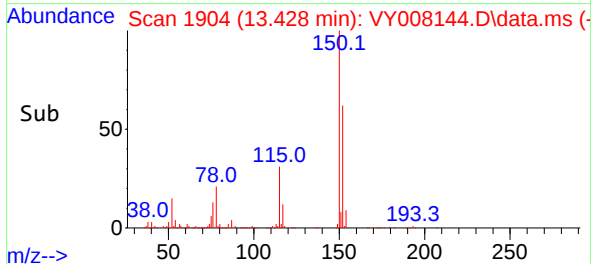
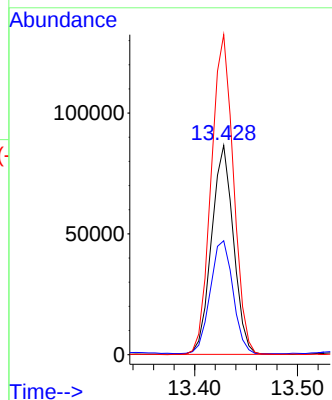
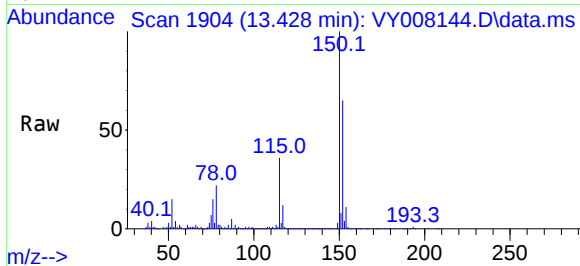




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1749
 Delta R.T. 0.000 min
 Lab File: VY008144.D
 Acq: 31 Mar 2022 17:29

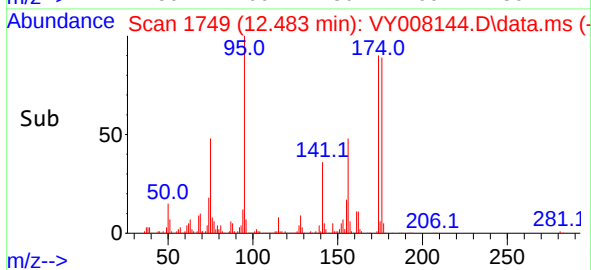
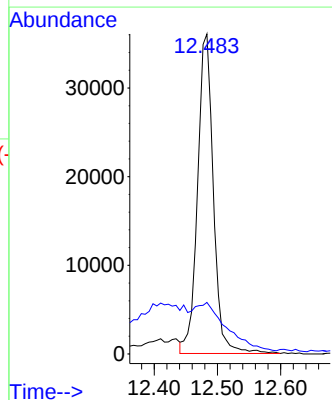
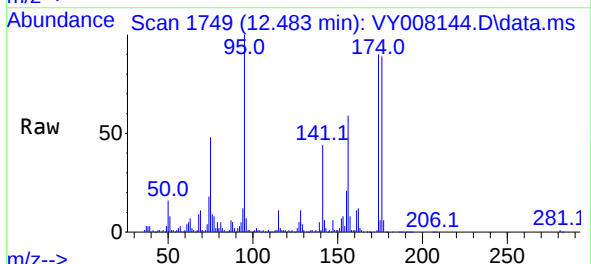
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1-1-5FT

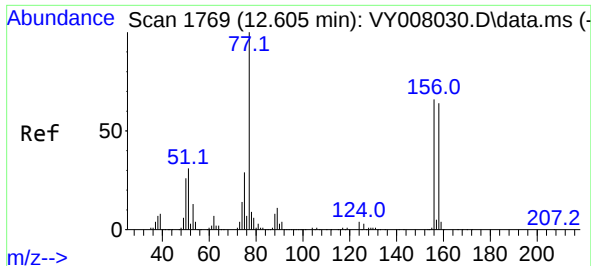
Tgt Ion:152 Resp: 127996
 Ion Ratio Lower Upper
 152 100
 115 56.1 28.2 84.7
 150 156.1 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 40.249 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.146 min
 Lab File: VY008144.D
 Acq: 31 Mar 2022 17:29

Tgt Ion: 75 Resp: 62799
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

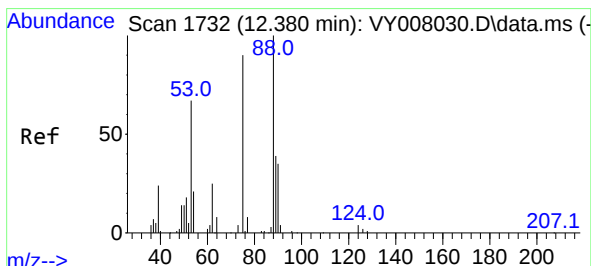
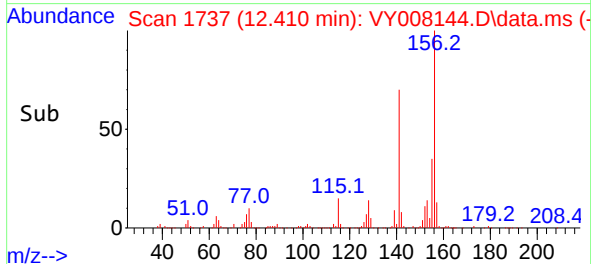
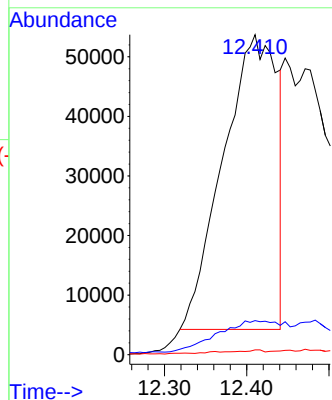
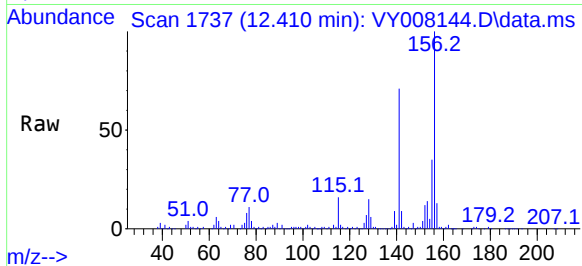




#77
Bromobenzene
Concen: 92.976 ug/l
RT: 12.410 min Scan# 1737
Delta R.T. -0.195 min
Lab File: VY008144.D
Acq: 31 Mar 2022 17:29

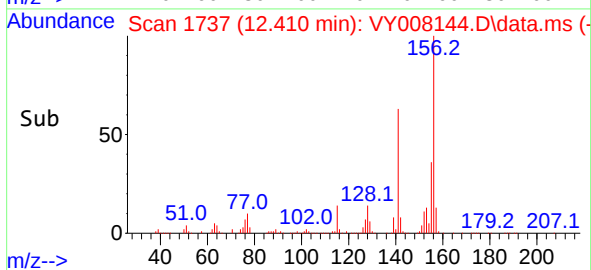
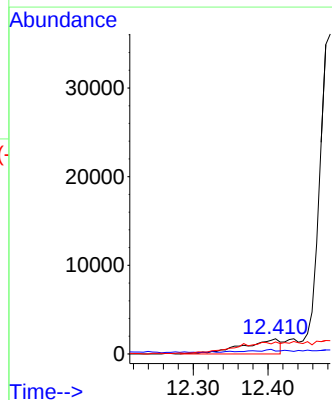
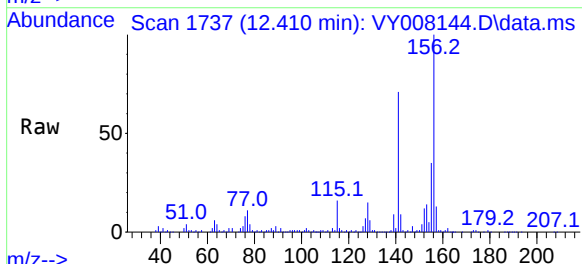
Instrument :
MSVOA_Y
ClientSampleId :
TP-1-1-5FT

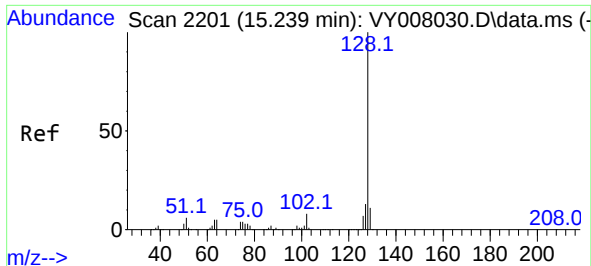
Tgt Ion:156 Resp: 225351
Ion Ratio Lower Upper
156 100
77 11.4 95.5 286.4#
158 0.3 48.0 144.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 8.308 ug/l
RT: 12.410 min Scan# 1737
Delta R.T. 0.030 min
Lab File: VY008144.D
Acq: 31 Mar 2022 17:29

Tgt Ion: 75 Resp: 5810
Ion Ratio Lower Upper
75 100
53 3.8 85.3 127.9#
89 4.7 37.0 55.4#





#95

Naphthalene

Concen: 16.231 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY008144.D

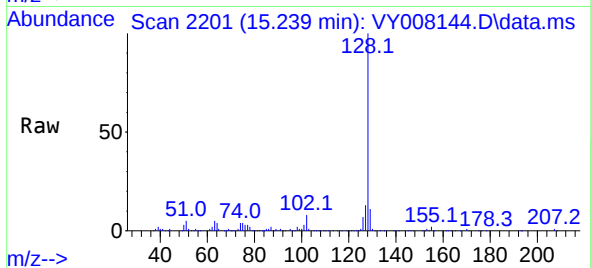
Acq: 31 Mar 2022 17:29

Instrument :

MSVOA_Y

ClientSampleId :

TP-1-1-5FT



Tgt Ion:128 Resp: 90911

Ion Ratio Lower Upper

128 100

127 13.5 11.0 16.4

129 11.1 8.4 12.6

