

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033022\
 Data File : VY008117.D
 Acq On : 30 Mar 2022 18:02
 Operator : SY/MD
 Sample : N2157-01RE
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MHD

Quant Time: Mar 31 04:34:52 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	7.795	168	3266	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	6623	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	6324	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	2288	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	2675	81.635	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	163.280%#
35) Dibromofluoromethane	7.722	113	2098	50.525	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.040%
50) Toluene-d8	10.185	98	7797	49.839	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.680%
62) 4-Bromofluorobenzene	12.483	95	2697	48.864	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.720%

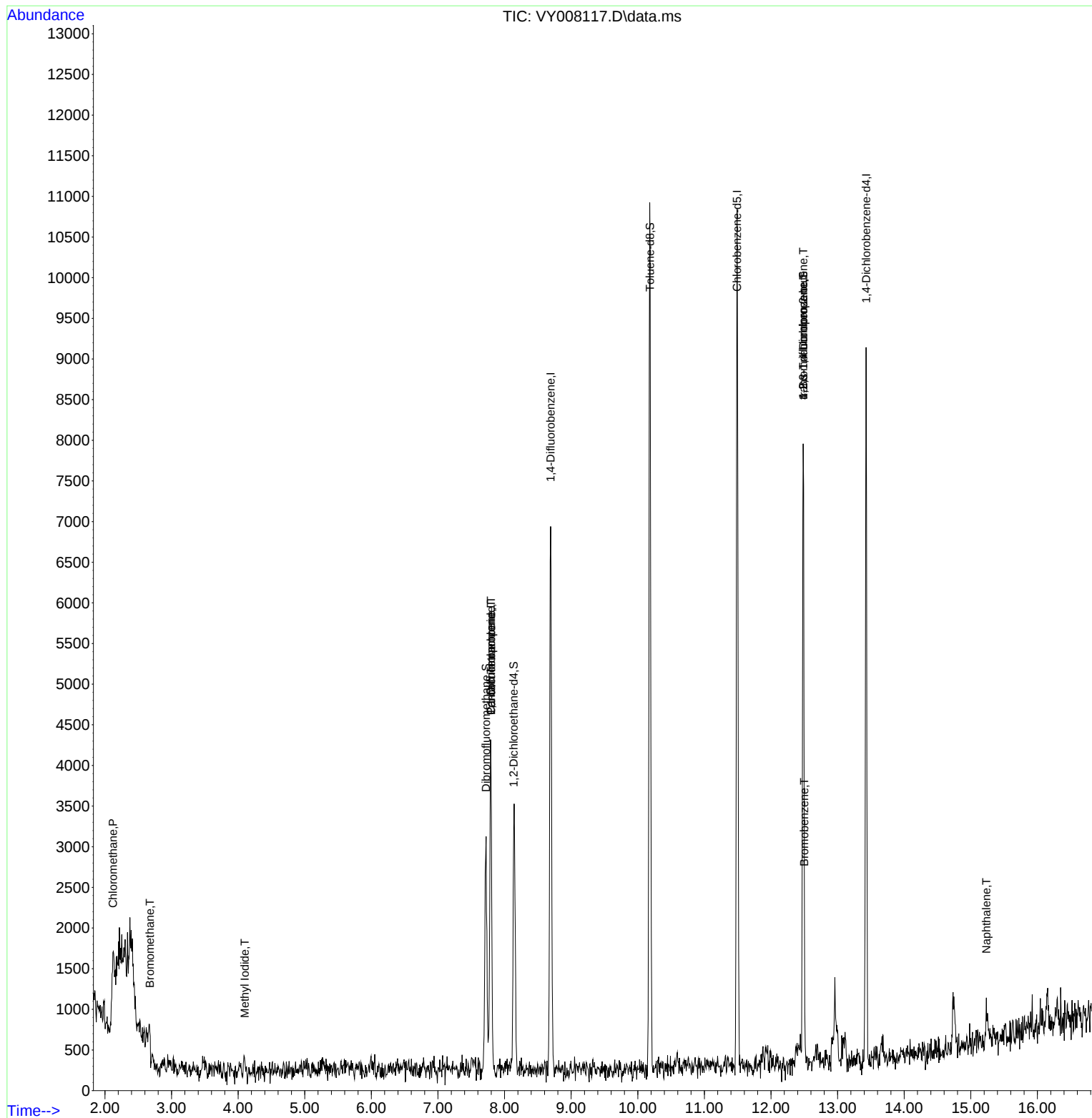
Target Compounds					Qvalue	
3) Chloromethane	2.119	50	110	3.068	ug/l #	44
5) Bromomethane	2.674	94	193	4.937	ug/l	98
10) Methyl Iodide	4.101	142	314	8.636	ug/l #	46
36) 1,1-Dichloropropene	7.795	75	169	2.591	ug/l #	42
38) Carbon Tetrachloride	7.795	117	405	5.698	ug/l #	11
76) 1,2,3-Trichloropropane	12.483	75	1272	45.606	ug/l #	100
77) Bromobenzene	12.502	156	123	2.839	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.483	75	1272	101.755	ug/l #	7
95) Naphthalene	15.233	128	542	5.413	ug/l #	78

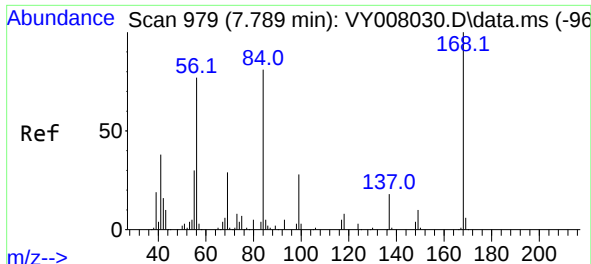
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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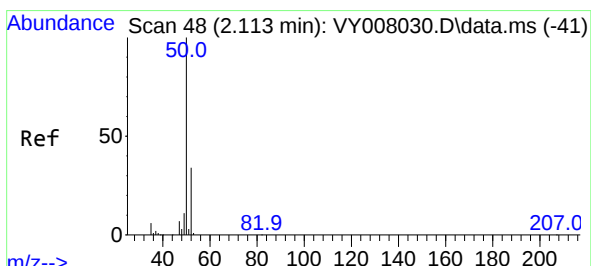
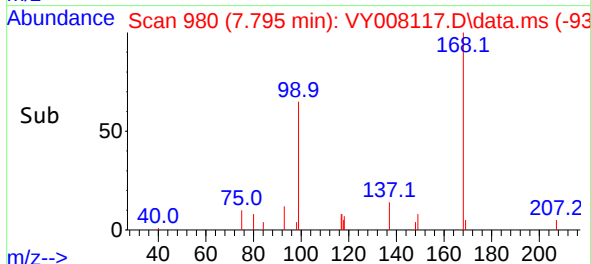
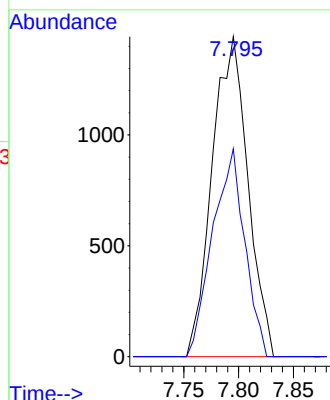
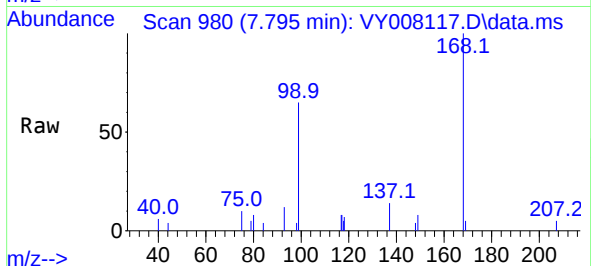




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008117.D
Acq: 30 Mar 2022 18:02

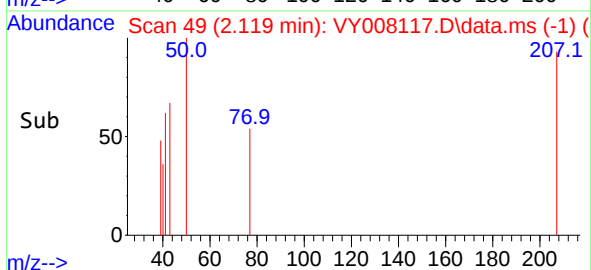
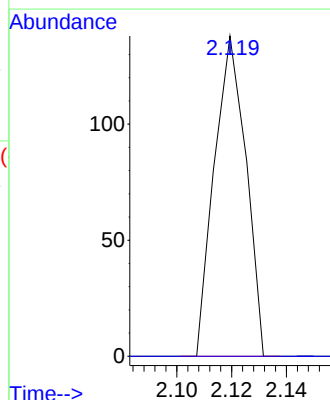
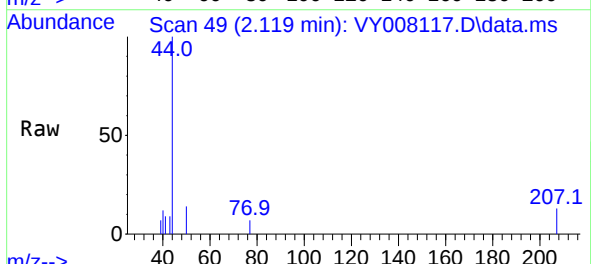
Instrument :
MSVOA_Y
ClientSampleId :
MHD

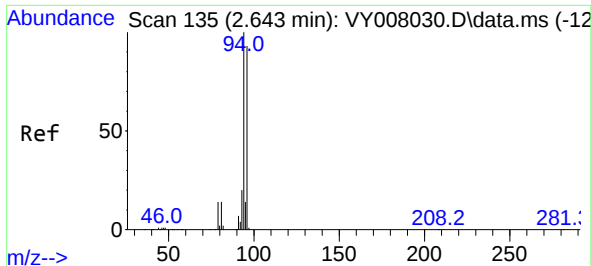
Tgt Ion:168 Resp: 3266
Ion Ratio Lower Upper
168 100
99 64.9 46.9 70.3



#3
Chloromethane
Concen: 3.068 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY008117.D
Acq: 30 Mar 2022 18:02

Tgt Ion: 50 Resp: 110
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#

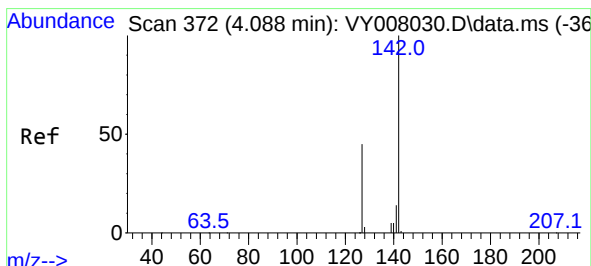
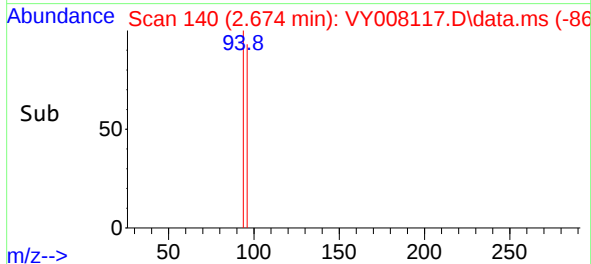
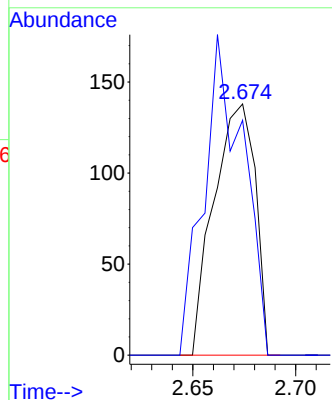
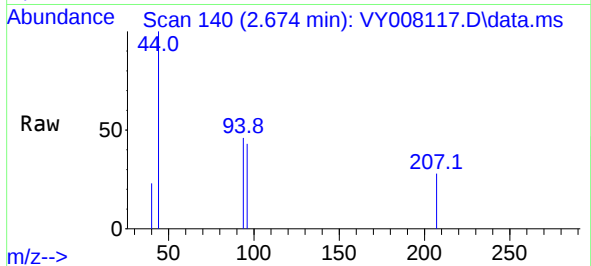




#5
Bromomethane
Concen: 4.937 ug/l
RT: 2.674 min Scan# 14
Delta R.T. 0.031 min
Lab File: VY008117.D
Acq: 30 Mar 2022 18:02

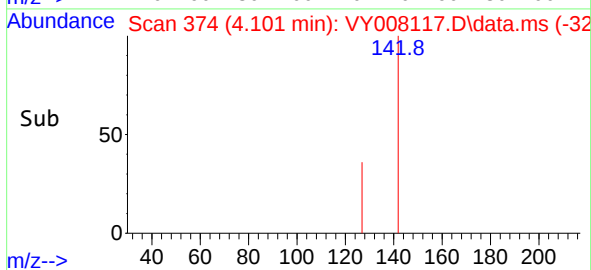
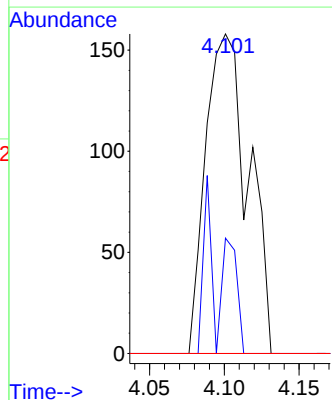
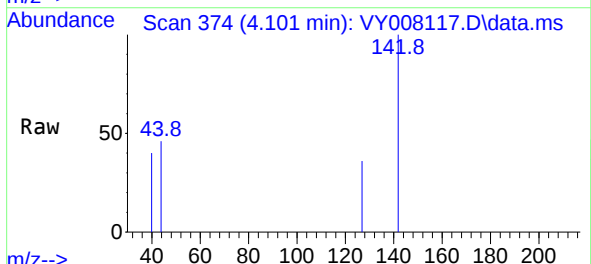
Instrument :
MSVOA_Y
ClientSampleId :
MHD

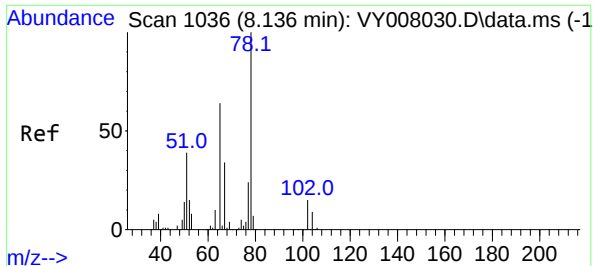
Tgt Ion: 94 Resp: 193
Ion Ratio Lower Upper
94 100
96 93.5 73.5 110.3



#10
Methyl Iodide
Concen: 8.636 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.013 min
Lab File: VY008117.D
Acq: 30 Mar 2022 18:02

Tgt Ion:142 Resp: 314
Ion Ratio Lower Upper
142 100
127 10.2 41.5 62.3#
141 0.0 11.9 17.9#





#33

1,2-Dichloroethane-d4

Concen: 81.635 ug/l

RT: 8.137 min Scan# 110

Delta R.T. 0.001 min

Lab File: VY008117.D

Acq: 30 Mar 2022 18:02

Instrument :

MSVOA_Y

ClientSampleId :

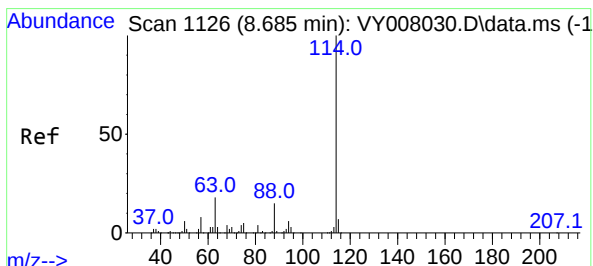
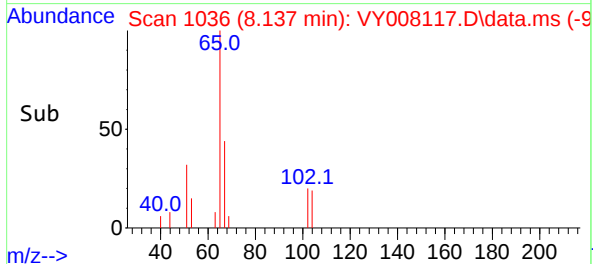
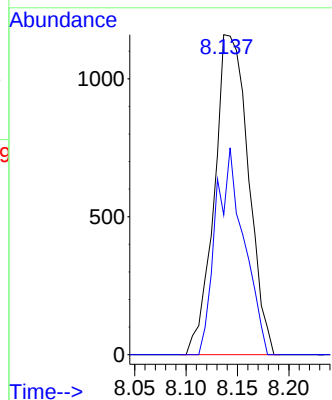
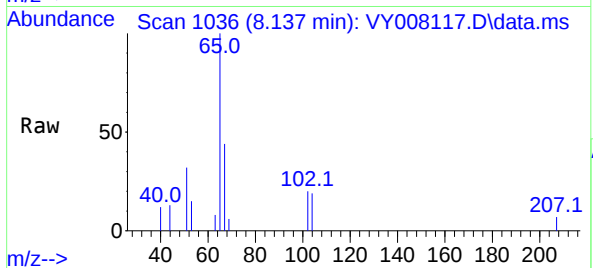
MHD

Tgt Ion: 65 Resp: 2675

Ion Ratio Lower Upper

65 100

67 53.4 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: VY008117.D

Acq: 30 Mar 2022 18:02

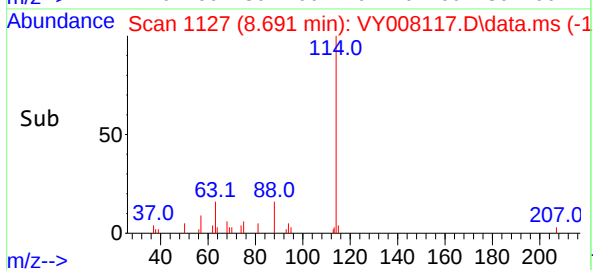
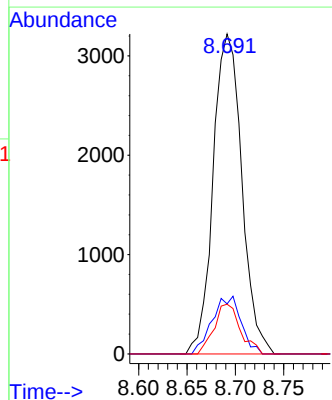
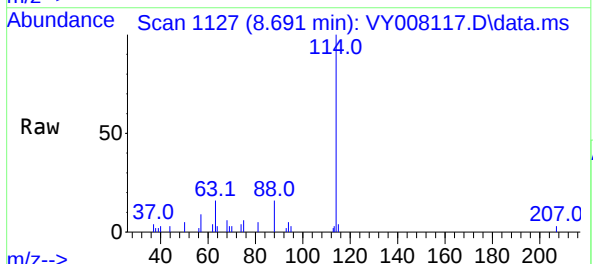
Tgt Ion: 114 Resp: 6623

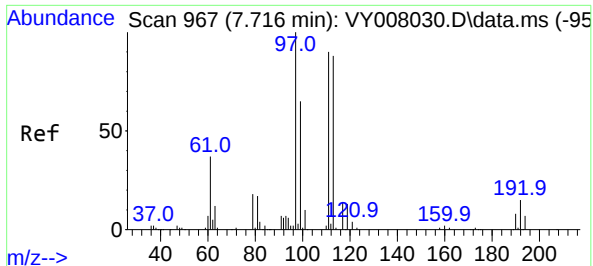
Ion Ratio Lower Upper

114 100

63 15.6 0.0 43.2

88 15.6 0.0 31.8





#35

Dibromofluoromethane

Concen: 50.525 ug/l

RT: 7.722 min Scan# 90

Delta R.T. 0.006 min

Lab File: VY008117.D

Acq: 30 Mar 2022 18:02

Instrument :

MSVOA_Y

ClientSampleId :

MHD

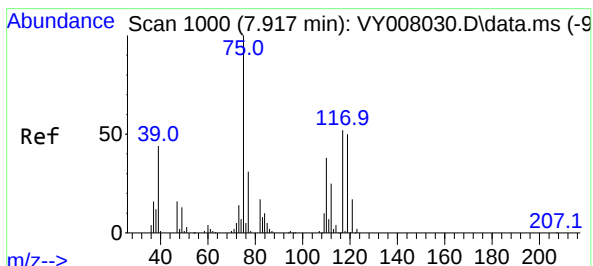
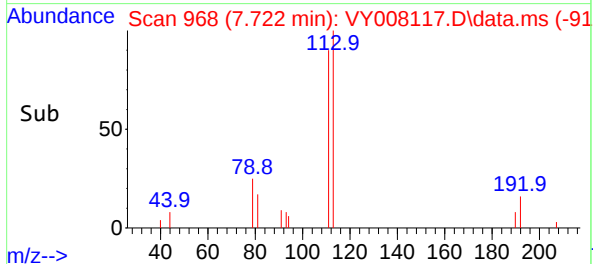
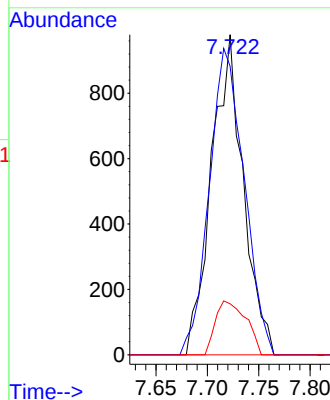
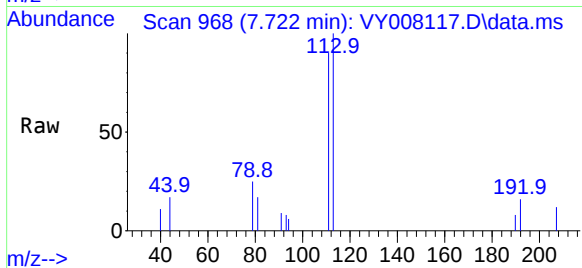
Tgt Ion:113 Resp: 2098

Ion Ratio Lower Upper

113 100

111 105.4 82.6 124.0

192 16.2 17.6 26.4#



#36

1,1-Dichloropropene

Concen: 2.591 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.122 min

Lab File: VY008117.D

Acq: 30 Mar 2022 18:02

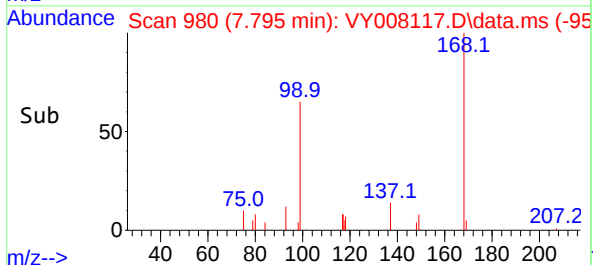
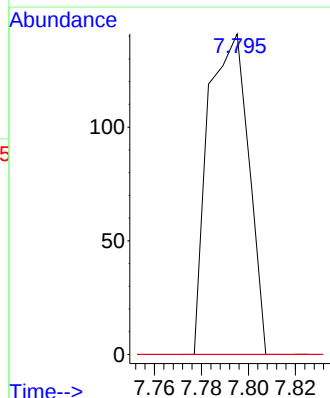
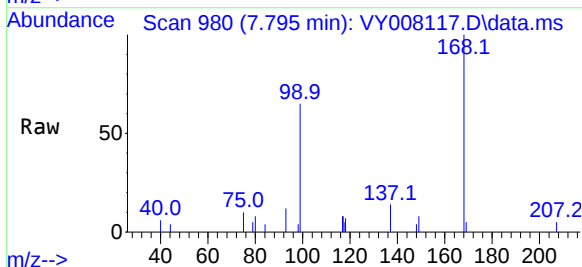
Tgt Ion: 75 Resp: 169

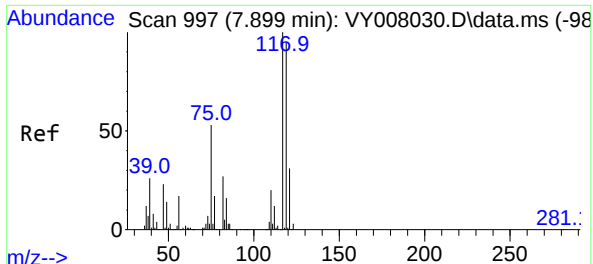
Ion Ratio Lower Upper

75 100

110 0.0 17.1 51.2#

77 0.0 24.4 36.6#

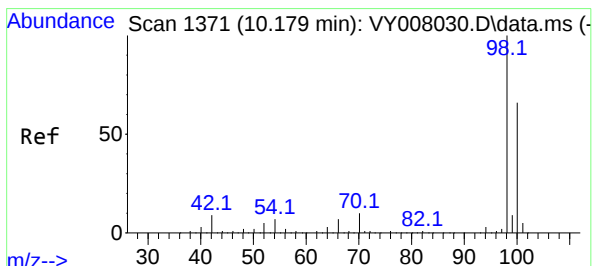
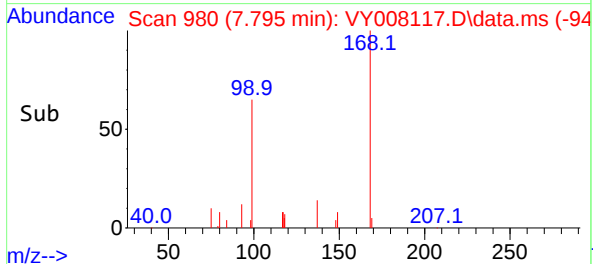
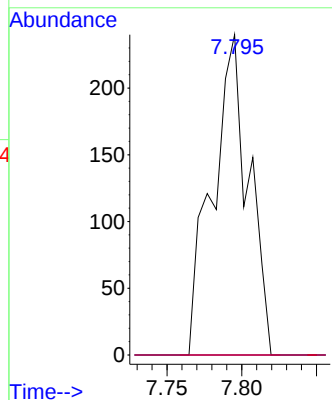
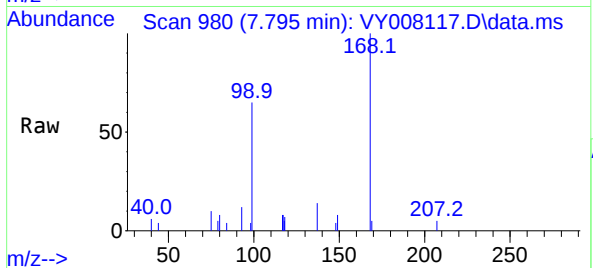




#38
Carbon Tetrachloride
Concen: 5.698 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY008117.D
Acq: 30 Mar 2022 18:02

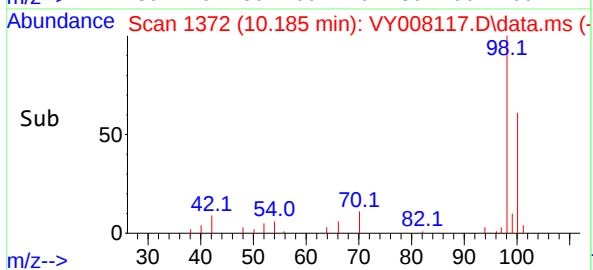
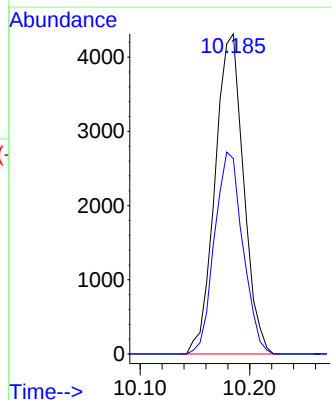
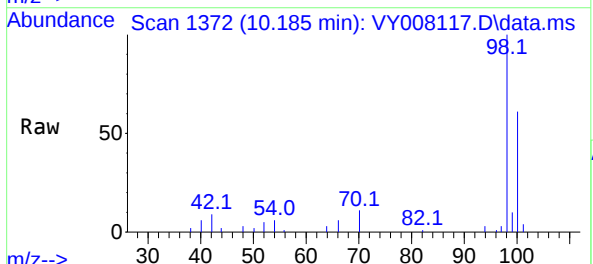
Instrument :
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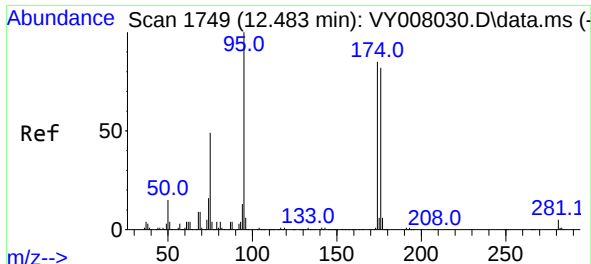
Tgt Ion:117 Resp: 405
Ion Ratio Lower Upper
117 100
119 0.0 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 49.839 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY008117.D
Acq: 30 Mar 2022 18:02

Tgt Ion: 98 Resp: 7797
Ion Ratio Lower Upper
98 100
100 62.7 50.2 75.2

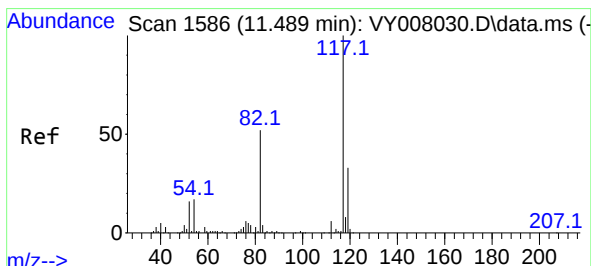
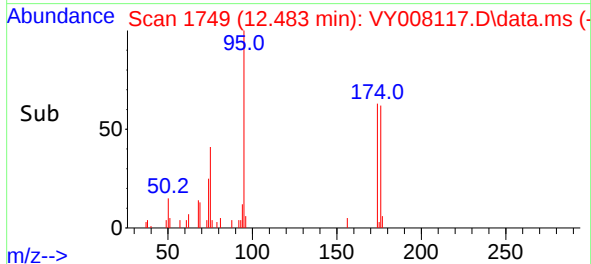
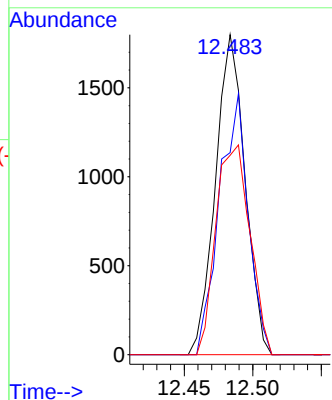
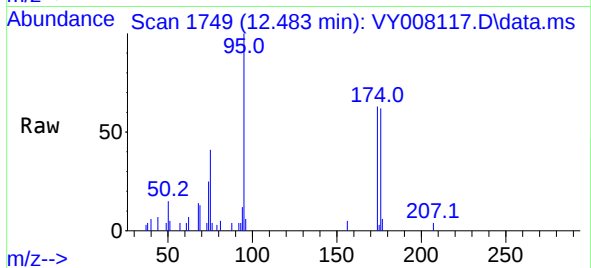




#62
4-Bromofluorobenzene
Concen: 48.864 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008117.D
Acq: 30 Mar 2022 18:02

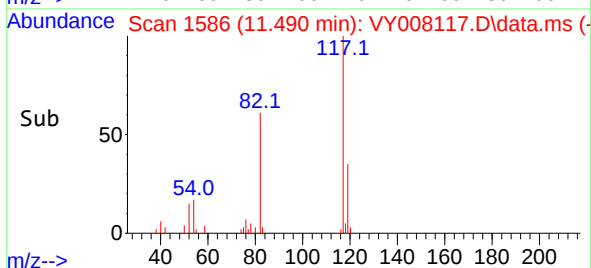
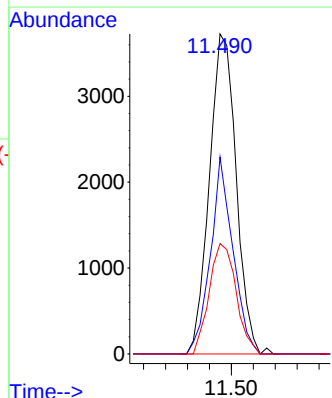
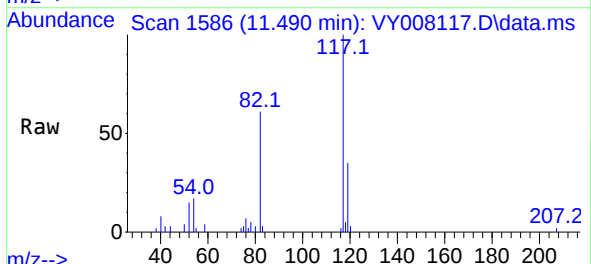
Instrument :
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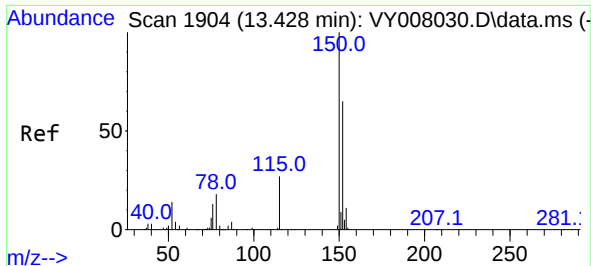
Tgt Ion:	95	Resp:	2697
Ion	Ratio	Lower	Upper
95	100		
174	79.6	0.0	177.0
176	75.7	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY008117.D
Acq: 30 Mar 2022 18:02

Tgt Ion:	117	Resp:	6324
Ion	Ratio	Lower	Upper
117	100		
82	61.5	43.0	64.4
119	34.5	25.4	38.0

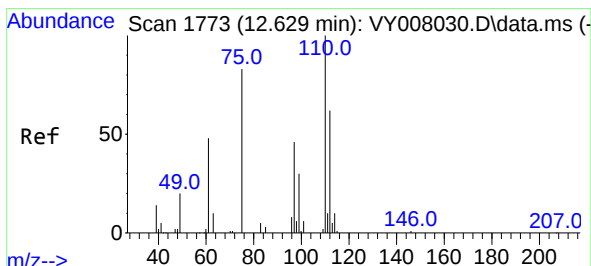
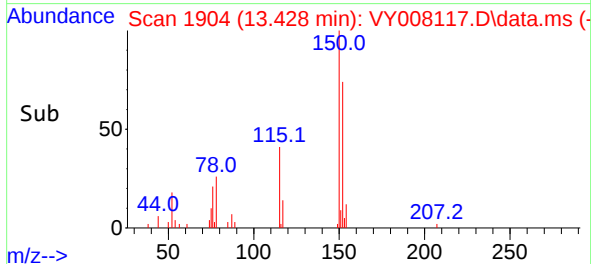
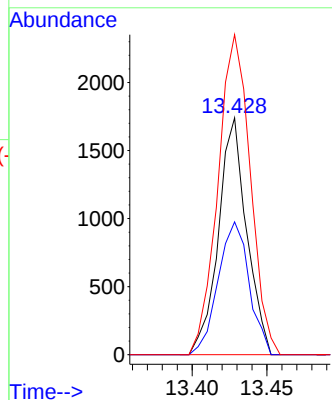
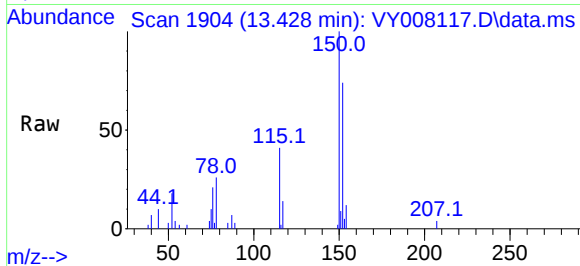




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY008117.D
 Acq: 30 Mar 2022 18:02

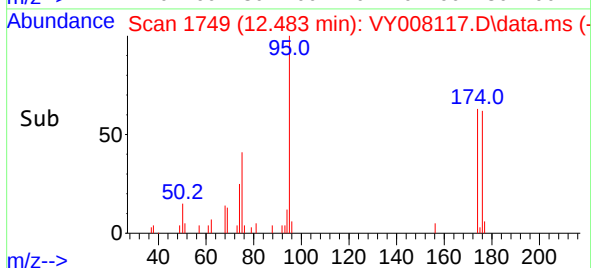
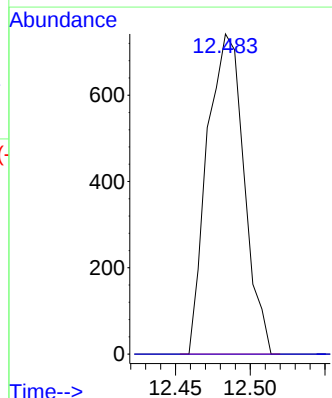
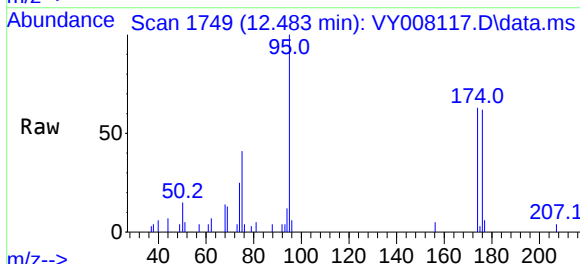
Instrument :
 MSVOA_Y
 ClientSampleId :
 MHD

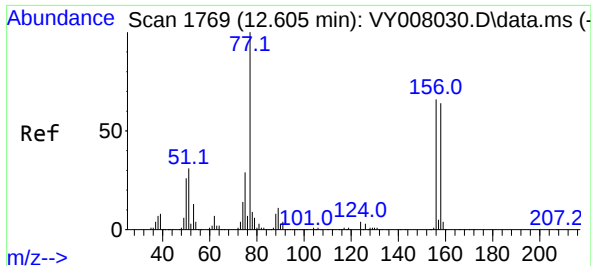
Tgt Ion:152 Resp: 2288
 Ion Ratio Lower Upper
 152 100
 115 61.5 28.2 84.7
 150 154.6 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 45.606 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.146 min
 Lab File: VY008117.D
 Acq: 30 Mar 2022 18:02

Tgt Ion: 75 Resp: 1272
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

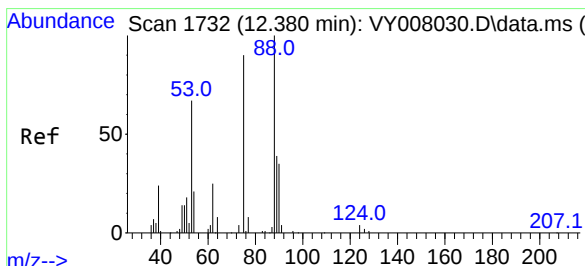
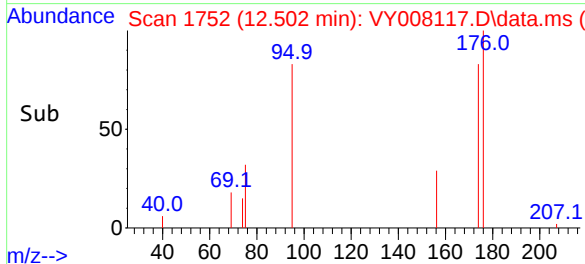
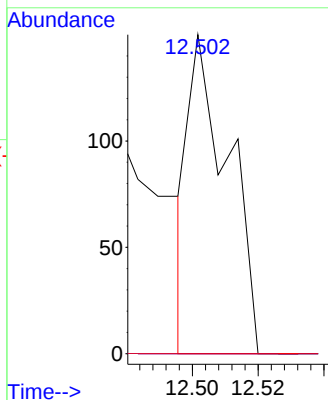
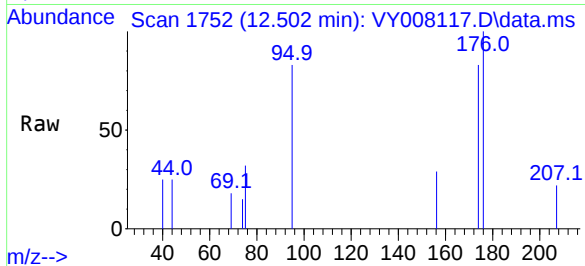




#77
Bromobenzene
Concen: 2.839 ug/l
RT: 12.502 min Scan# 1752
Delta R.T. -0.103 min
Lab File: VY008117.D
Acq: 30 Mar 2022 18:02

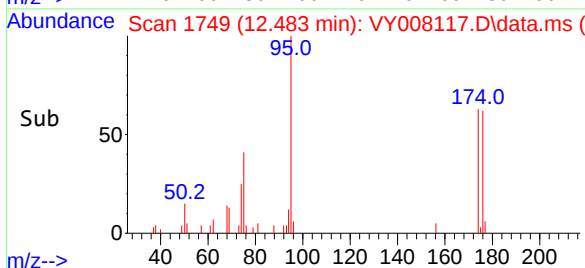
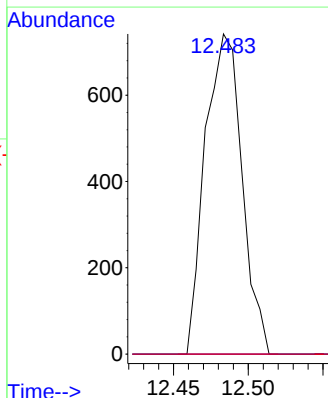
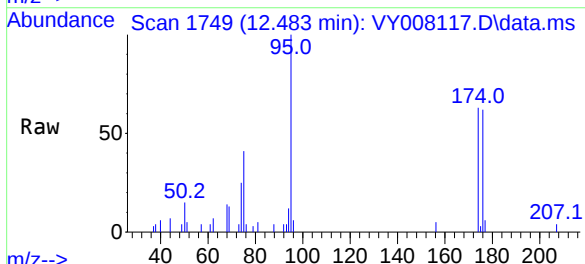
Instrument :
MSVOA_Y
ClientSampleId :
MHD

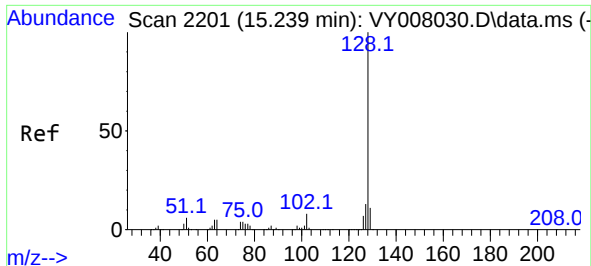
Tgt Ion:156 Resp: 123
Ion Ratio Lower Upper
156 100
77 0.0 95.5 286.4#
158 0.0 48.0 144.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 101.755 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY008117.D
Acq: 30 Mar 2022 18:02

Tgt Ion: 75 Resp: 1272
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#





#95

Naphthalene

Concen: 5.413 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY008117.D

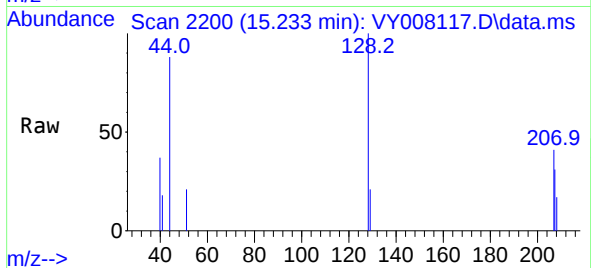
Acq: 30 Mar 2022 18:02

Instrument :

MSVOA_Y

ClientSampleId :

MHD



Tgt Ion:128 Resp: 542

Ion Ratio Lower Upper

128 100

127 0.0 11.0 16.4#

129 12.7 8.4 12.6#

