

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042822\
 Data File : VY008543.D
 Acq On : 28 Apr 2022 13:26
 Operator : KP/MD
 Sample : N2572-01RE
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-14SRE

Quant Time: Apr 29 02:00:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 21 14:28:40 2022
 Response via : Initial Calibration

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

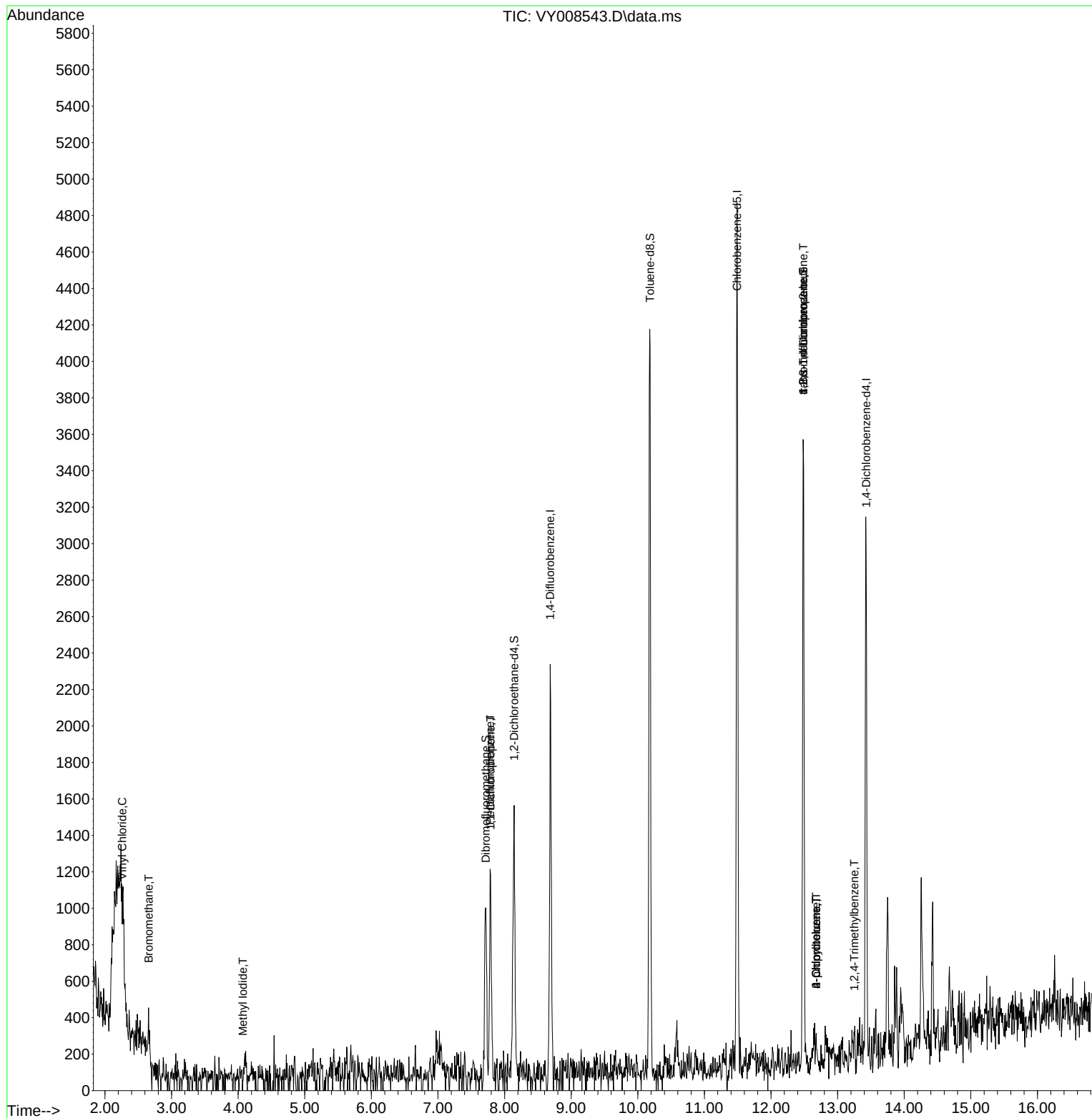
Internal Standards						
1) Pentafluorobenzene	7.783	168	1183	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	2380	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	3000	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	916	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	1231	88.437	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 176.880%#	
35) Dibromofluoromethane	7.716	113	756	49.218	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.440%	
50) Toluene-d8	10.185	98	3086	50.397	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.800%	
62) 4-Bromofluorobenzene	12.483	95	1057	51.105	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 102.200%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.260	62	51	2.322	ug/l #	43
5) Bromomethane	2.656	94	25	1.224	ug/l	86
10) Methyl Iodide	4.070	142	60	4.940	ug/l #	35
36) 1,1-Dichloropropene	7.789	75	48	1.965	ug/l #	42
76) 1,2,3-Trichloropropane	12.483	75	629	53.060	ug/l #	100
78) n-propylbenzene	12.678	91	113	1.356	ug/l #	53
79) 2-Chlorotoluene	12.678	91	113	2.410	ug/l #	41
81) trans-1,4-Dichloro-2-b...	12.483	75	629	123.093	ug/l #	7
82) 4-Chlorotoluene	12.678	91	113	2.326	ug/l #	41
84) 1,2,4-Trimethylbenzene	13.251	105	73	1.276	ug/l #	31

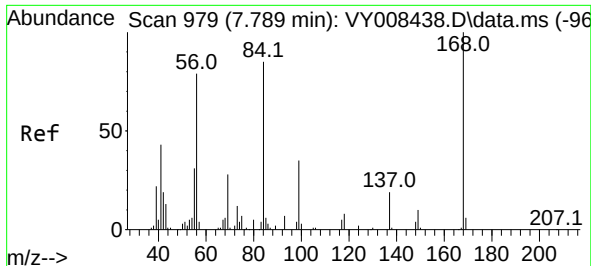
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042822\
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Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

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MSVOA_Y
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MH-14SRE

Quant Time: Apr 29 02:00:18 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 21 14:28:40 2022
Response via : Initial Calibration

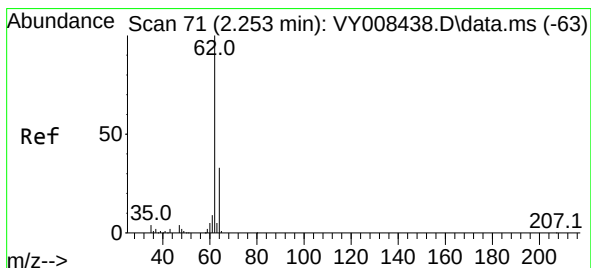
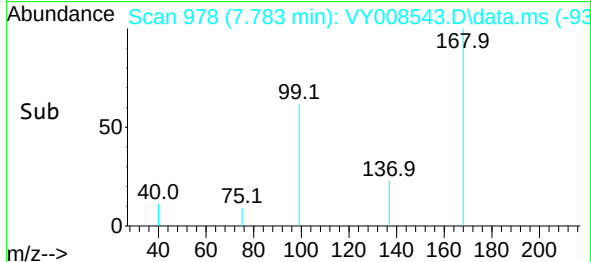
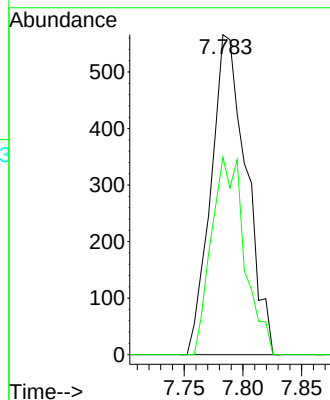
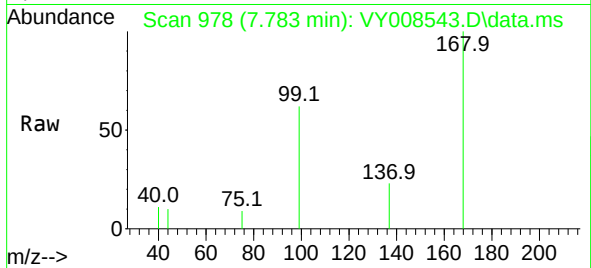




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY008543.D
Acq: 28 Apr 2022 13:26

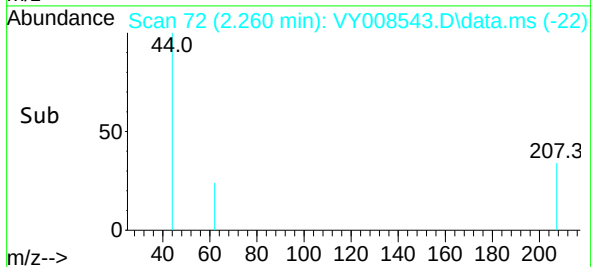
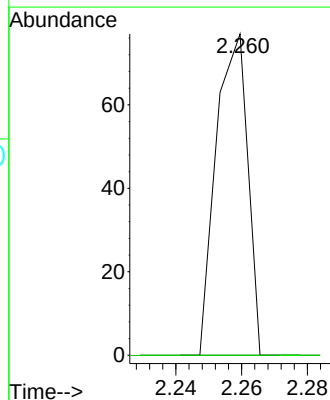
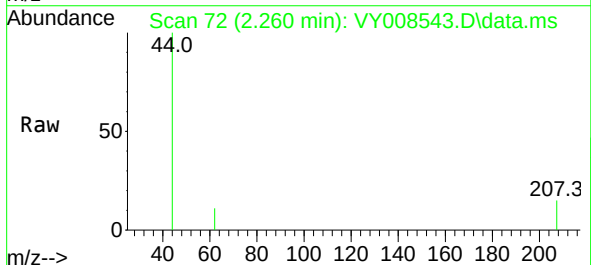
Instrument :
MSVOA_Y
ClientSampleId :
MH-14SRE

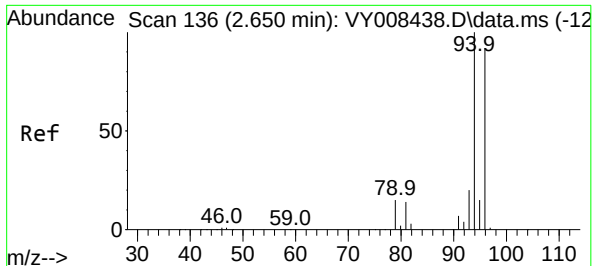
Tgt Ion:168 Resp: 1183
Ion Ratio Lower Upper
168 100
99 61.7 46.9 70.3



#4
Vinyl Chloride
Concen: 2.322 ug/l
RT: 2.260 min Scan# 72
Delta R.T. 0.007 min
Lab File: VY008543.D
Acq: 28 Apr 2022 13:26

Tgt Ion: 62 Resp: 51
Ion Ratio Lower Upper
62 100
64 0.0 25.0 37.6#





#5

Bromomethane

Concen: 1.224 ug/l

RT: 2.656 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY008543.D

Acq: 28 Apr 2022 13:26

Instrument :

MSVOA_Y

ClientSampleId :

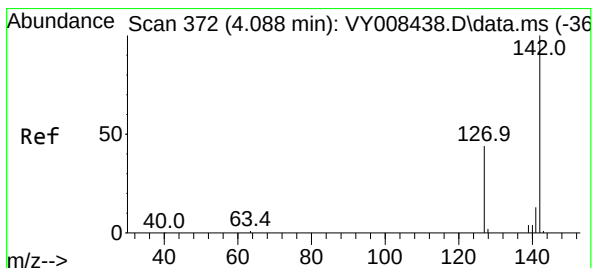
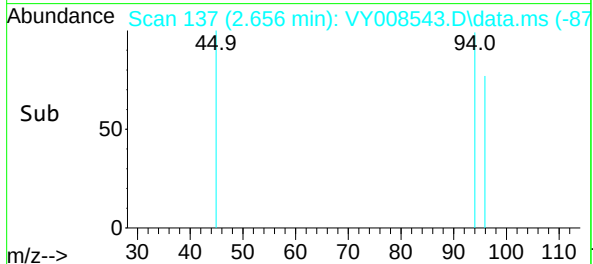
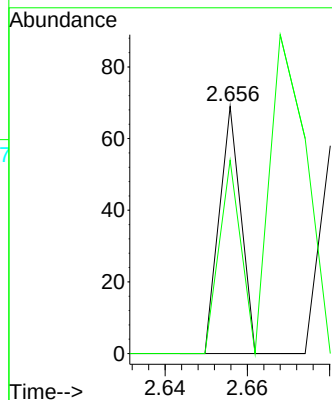
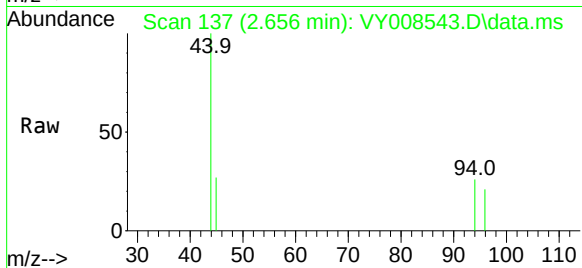
MH-14SRE

Tgt Ion: 94 Resp: 25

Ion Ratio Lower Upper

94 100

96 78.3 73.5 110.3



#10

Methyl Iodide

Concen: 4.940 ug/l

RT: 4.070 min Scan# 369

Delta R.T. -0.018 min

Lab File: VY008543.D

Acq: 28 Apr 2022 13:26

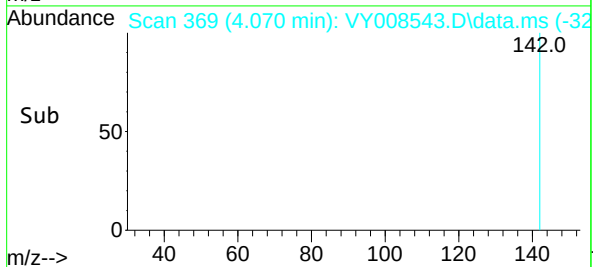
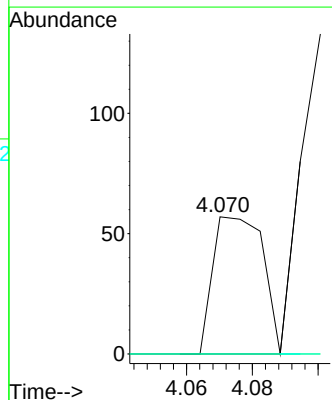
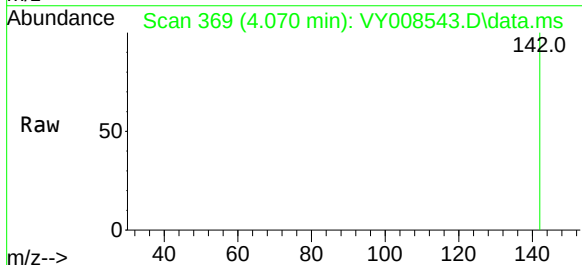
Tgt Ion:142 Resp: 60

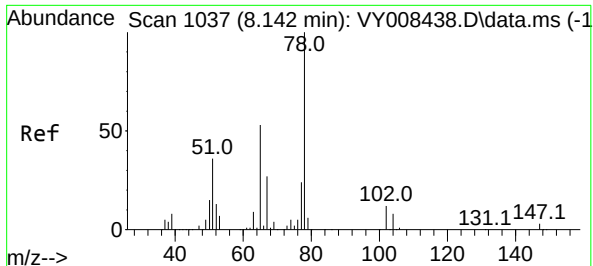
Ion Ratio Lower Upper

142 100

127 0.0 41.5 62.3#

141 0.0 11.9 17.9#





#33

1,2-Dichloroethane-d4

Concen: 88.437 ug/l

RT: 8.143 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY008543.D

Acq: 28 Apr 2022 13:26

Instrument :

MSVOA_Y

ClientSampleId :

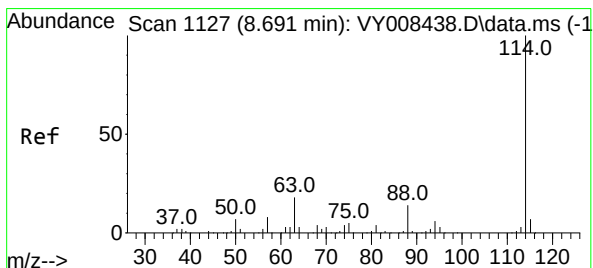
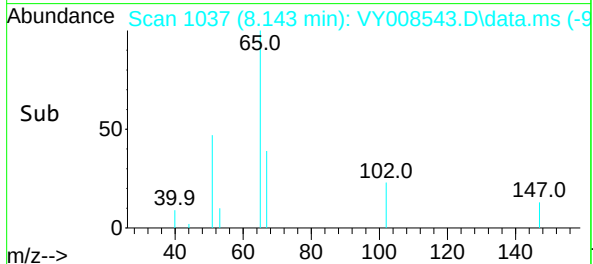
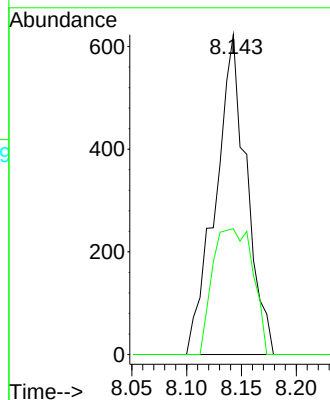
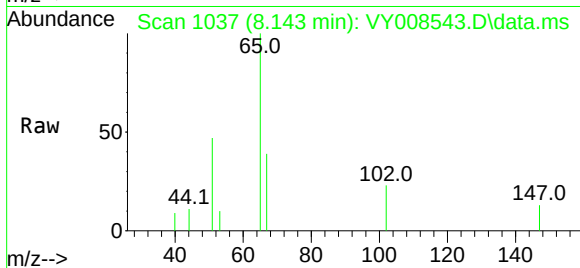
MH-14SRE

Tgt Ion: 65 Resp: 1231

Ion Ratio Lower Upper

65 100

67 50.9 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY008543.D

Acq: 28 Apr 2022 13:26

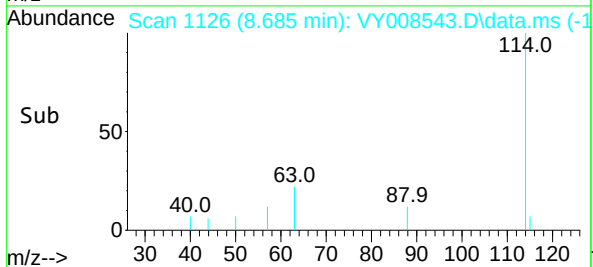
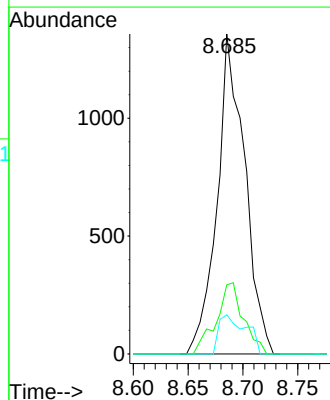
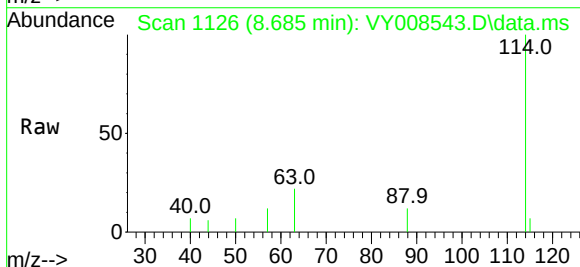
Tgt Ion: 114 Resp: 2380

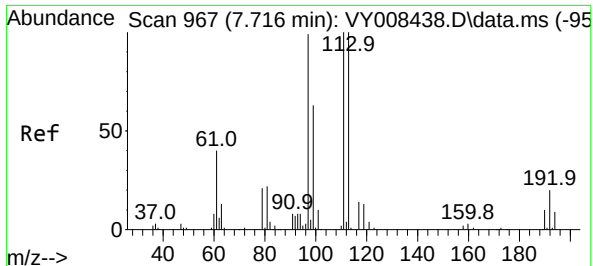
Ion Ratio Lower Upper

114 100

63 21.6 0.0 43.2

88 12.2 0.0 31.8

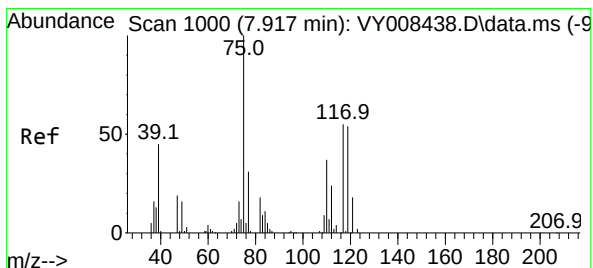
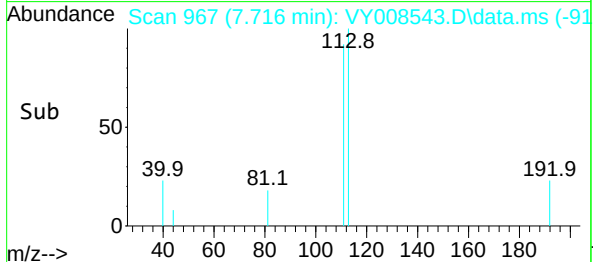
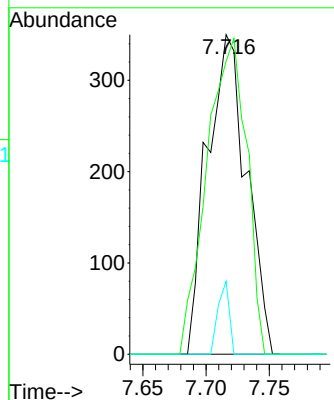
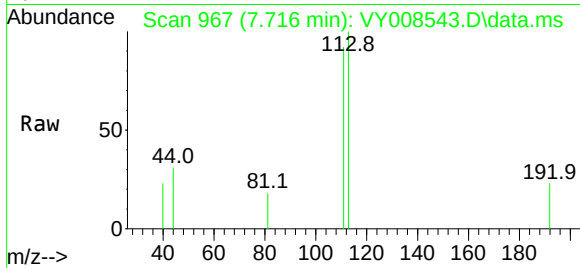




#35
 Dibromofluoromethane
 Concen: 49.218 ug/l
 RT: 7.716 min Scan# 901
 Delta R.T. -0.000 min
 Lab File: VY008543.D
 Acq: 28 Apr 2022 13:26

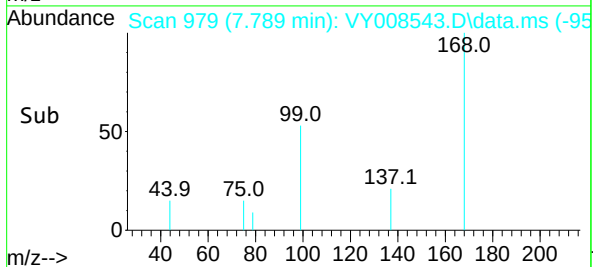
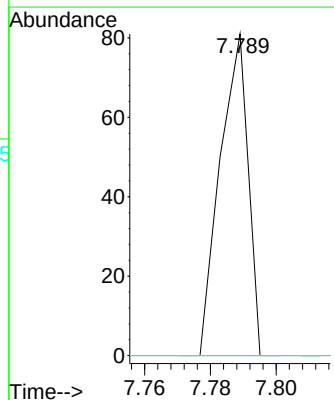
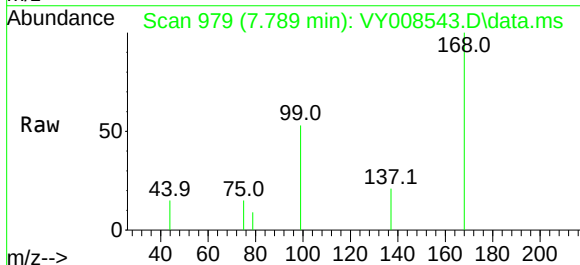
Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-14SRE

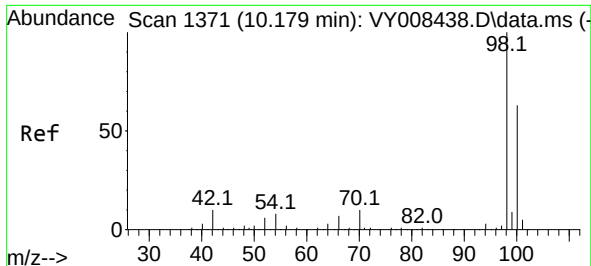
Tgt Ion:113 Resp: 756
 Ion Ratio Lower Upper
 113 100
 111 100.3 82.6 124.0
 192 6.5 17.6 26.4#



#36
 1,1-Dichloropropene
 Concen: 1.965 ug/l
 RT: 7.789 min Scan# 979
 Delta R.T. -0.128 min
 Lab File: VY008543.D
 Acq: 28 Apr 2022 13:26

Tgt Ion: 75 Resp: 48
 Ion Ratio Lower Upper
 75 100
 110 0.0 17.1 51.2#
 77 0.0 24.4 36.6#

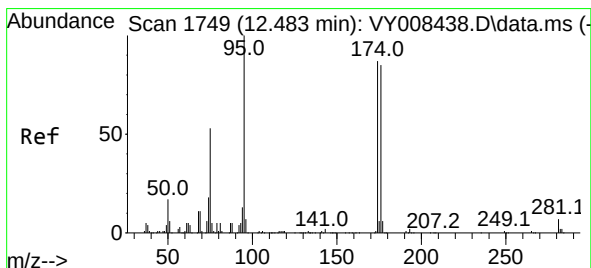
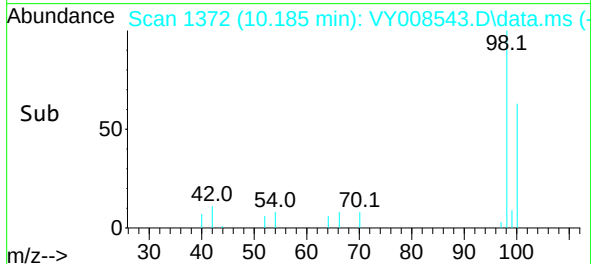
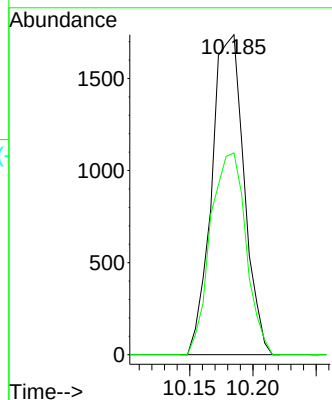
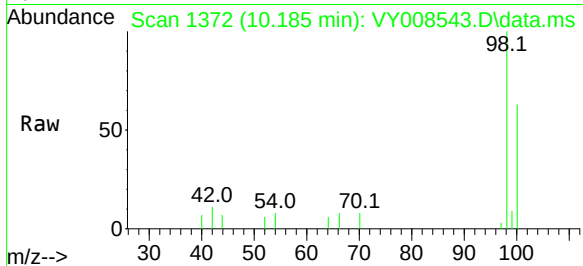




#50
Toluene-d8
Concen: 50.397 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY008543.D
Acq: 28 Apr 2022 13:26

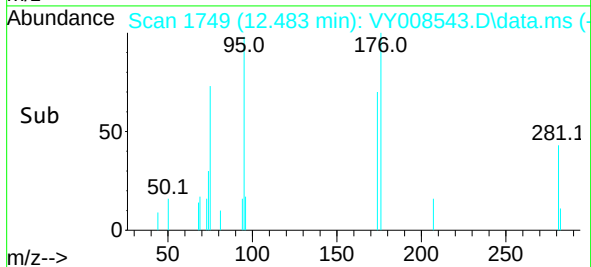
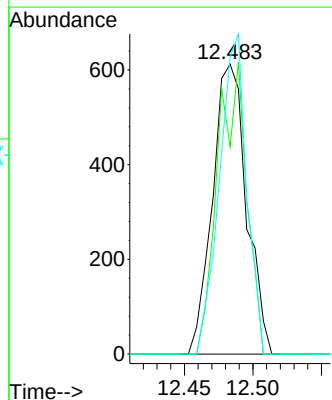
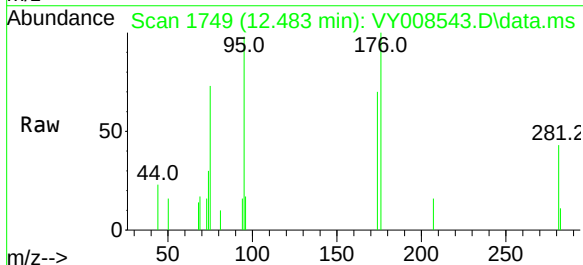
Instrument :
MSVOA_Y
ClientSampleId :
MH-14SRE

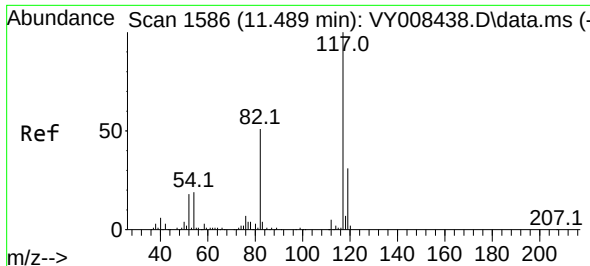
Tgt Ion: 98 Resp: 3086
Ion Ratio Lower Upper
98 100
100 69.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 51.105 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008543.D
Acq: 28 Apr 2022 13:26

Tgt Ion: 95 Resp: 1057
Ion Ratio Lower Upper
95 100
174 85.9 0.0 177.0
176 88.1 0.0 175.8

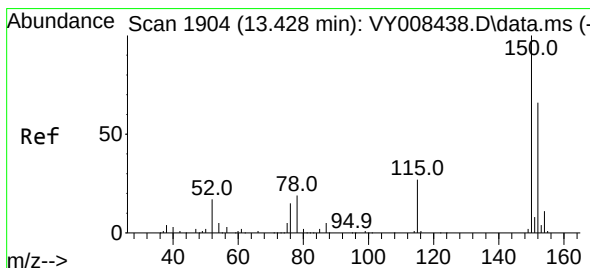
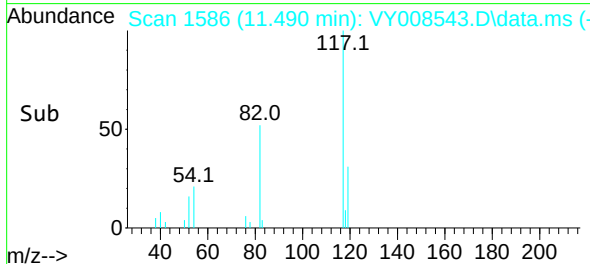
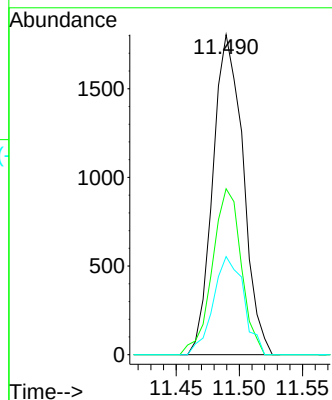
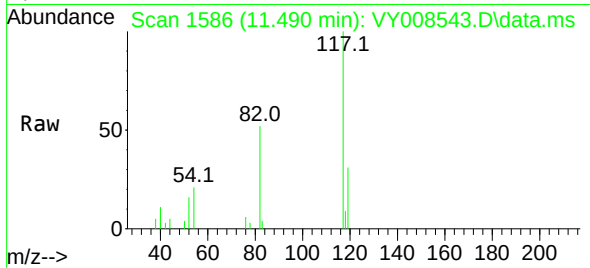




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.001 min
Lab File: VY008543.D
Acq: 28 Apr 2022 13:26

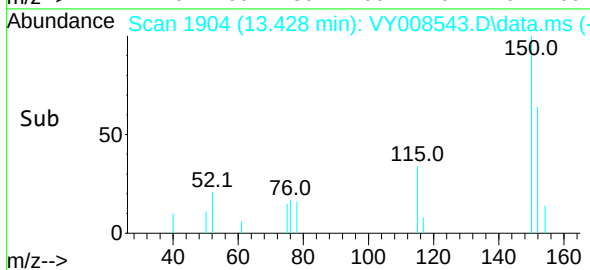
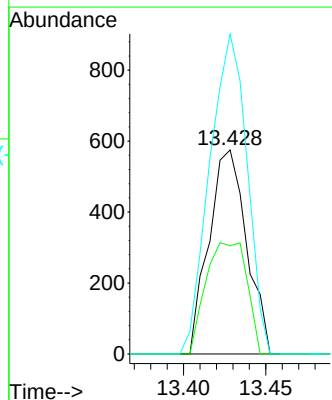
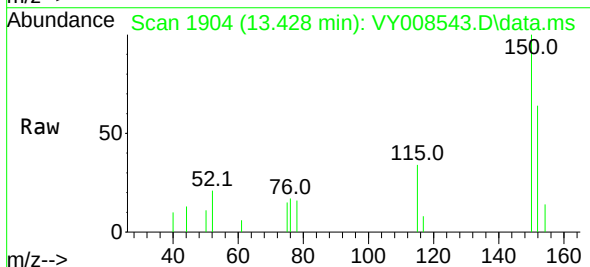
Instrument :
MSVOA_Y
ClientSampleId :
MH-14SRE

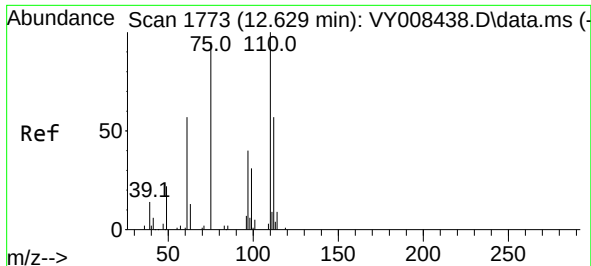
Tgt Ion:	117	Resp:	3000
Ion Ratio	Lower	Upper	
117	100		
82	51.9	43.0	64.4
119	30.6	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008543.D
Acq: 28 Apr 2022 13:26

Tgt Ion:	152	Resp:	916
Ion Ratio	Lower	Upper	
152	100		
115	59.4	28.2	84.7
150	155.5	0.0	347.6

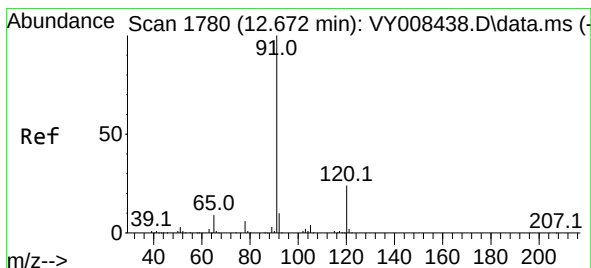
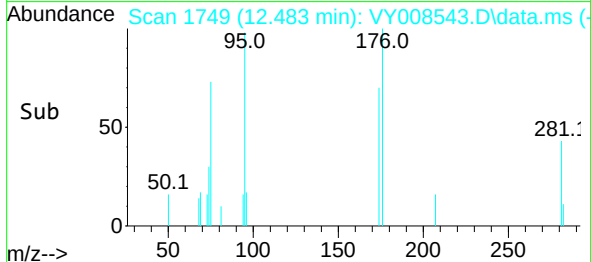
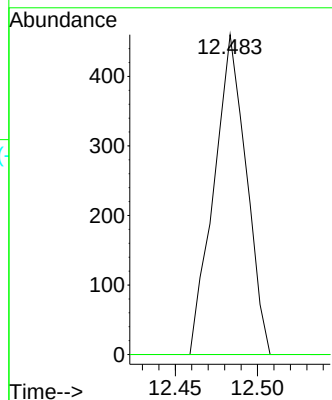
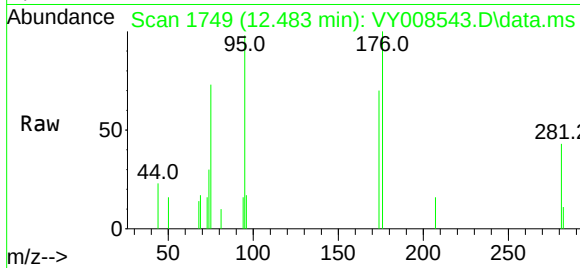




#76
1,2,3-Trichloropropane
Concen: 53.060 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.146 min
Lab File: VY008543.D
Acq: 28 Apr 2022 13:26

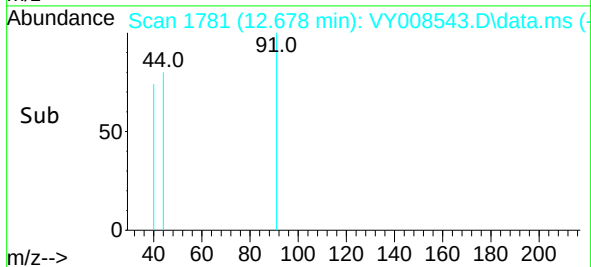
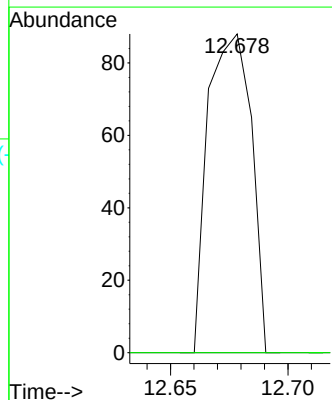
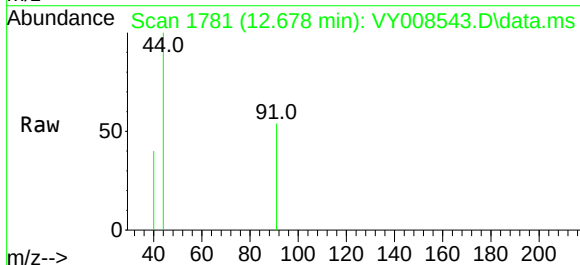
Instrument :
MSVOA_Y
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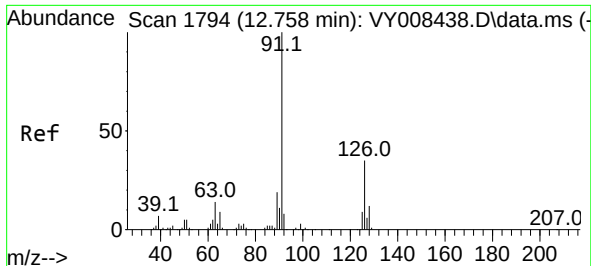
Tgt Ion: 75 Resp: 629
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#78
n-propylbenzene
Concen: 1.356 ug/l
RT: 12.678 min Scan# 1781
Delta R.T. 0.006 min
Lab File: VY008543.D
Acq: 28 Apr 2022 13:26

Tgt Ion: 91 Resp: 113
Ion Ratio Lower Upper
91 100
120 0.0 11.3 33.9#

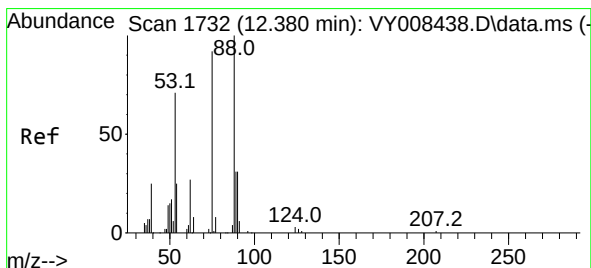
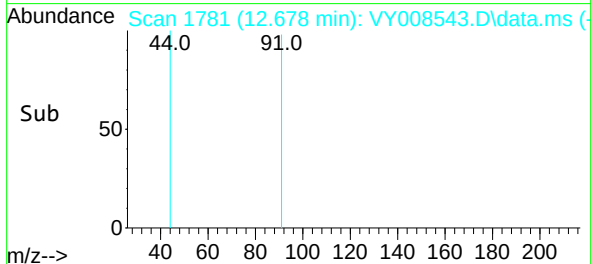
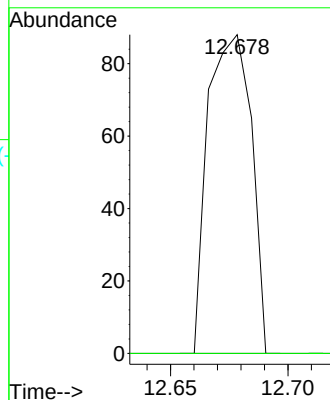
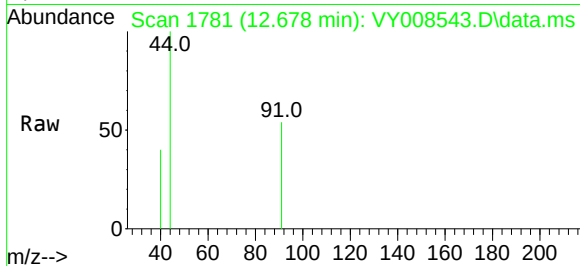




#79
2-Chlorotoluene
Concen: 2.410 ug/l
RT: 12.678 min Scan# 11
Delta R.T. -0.080 min
Lab File: VY008543.D
Acq: 28 Apr 2022 13:26

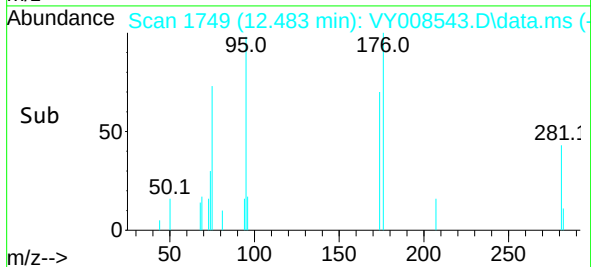
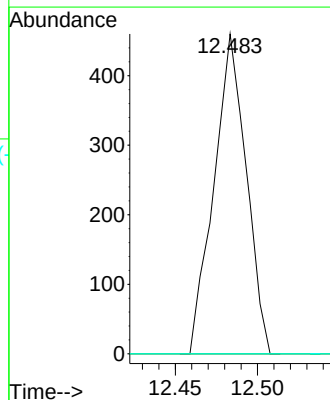
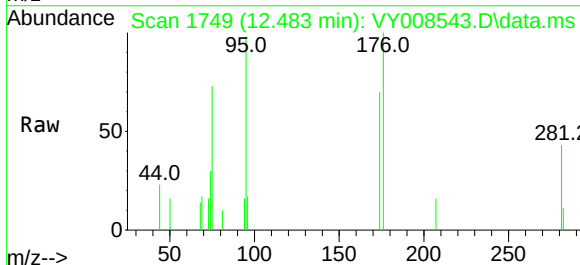
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MSVOA_Y
ClientSampleId :
MH-14SRE

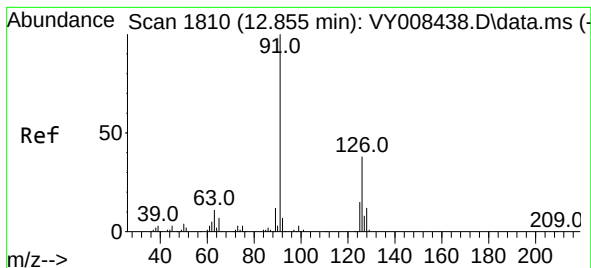
Tgt Ion: 91 Resp: 113
Ion Ratio Lower Upper
91 100
126 0.0 16.9 50.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 123.093 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY008543.D
Acq: 28 Apr 2022 13:26

Tgt Ion: 75 Resp: 629
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#





#82

4-Chlorotoluene

Concen: 2.326 ug/l

RT: 12.678 min Scan# 11

Delta R.T. -0.177 min

Lab File: VY008543.D

Acq: 28 Apr 2022 13:26

Instrument :

MSVOA_Y

ClientSampleId :

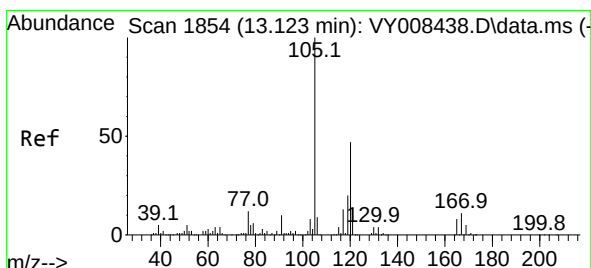
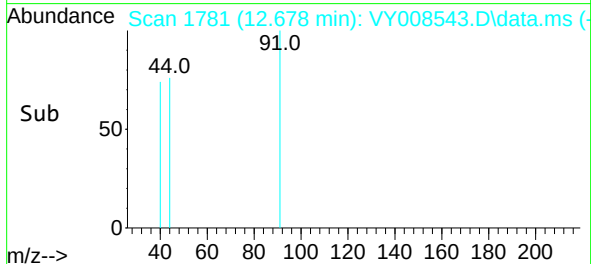
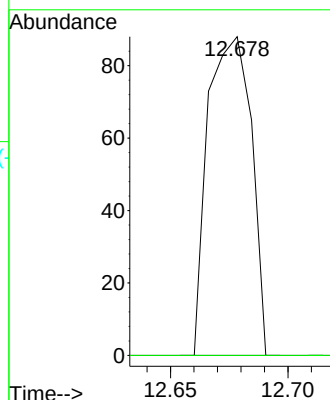
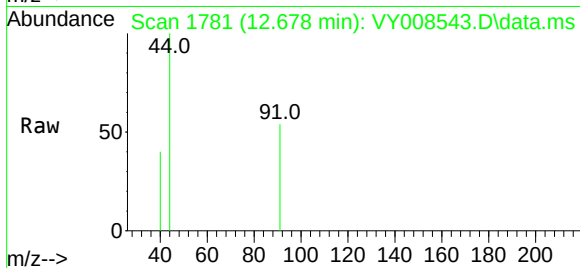
MH-14SRE

Tgt Ion: 91 Resp: 113

Ion Ratio Lower Upper

91 100

126 0.0 17.0 51.0#



#84

1,2,4-Trimethylbenzene

Concen: 1.276 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.128 min

Lab File: VY008543.D

Acq: 28 Apr 2022 13:26

Tgt Ion: 105 Resp: 73

Ion Ratio Lower Upper

105 100

120 0.0 22.3 66.9#

