

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042822\
 Data File : VY008546.D
 Acq On : 28 Apr 2022 14:36
 Operator : KP/MD
 Sample : N2588-01
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-1

Quant Time: Apr 29 02:00:54 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)

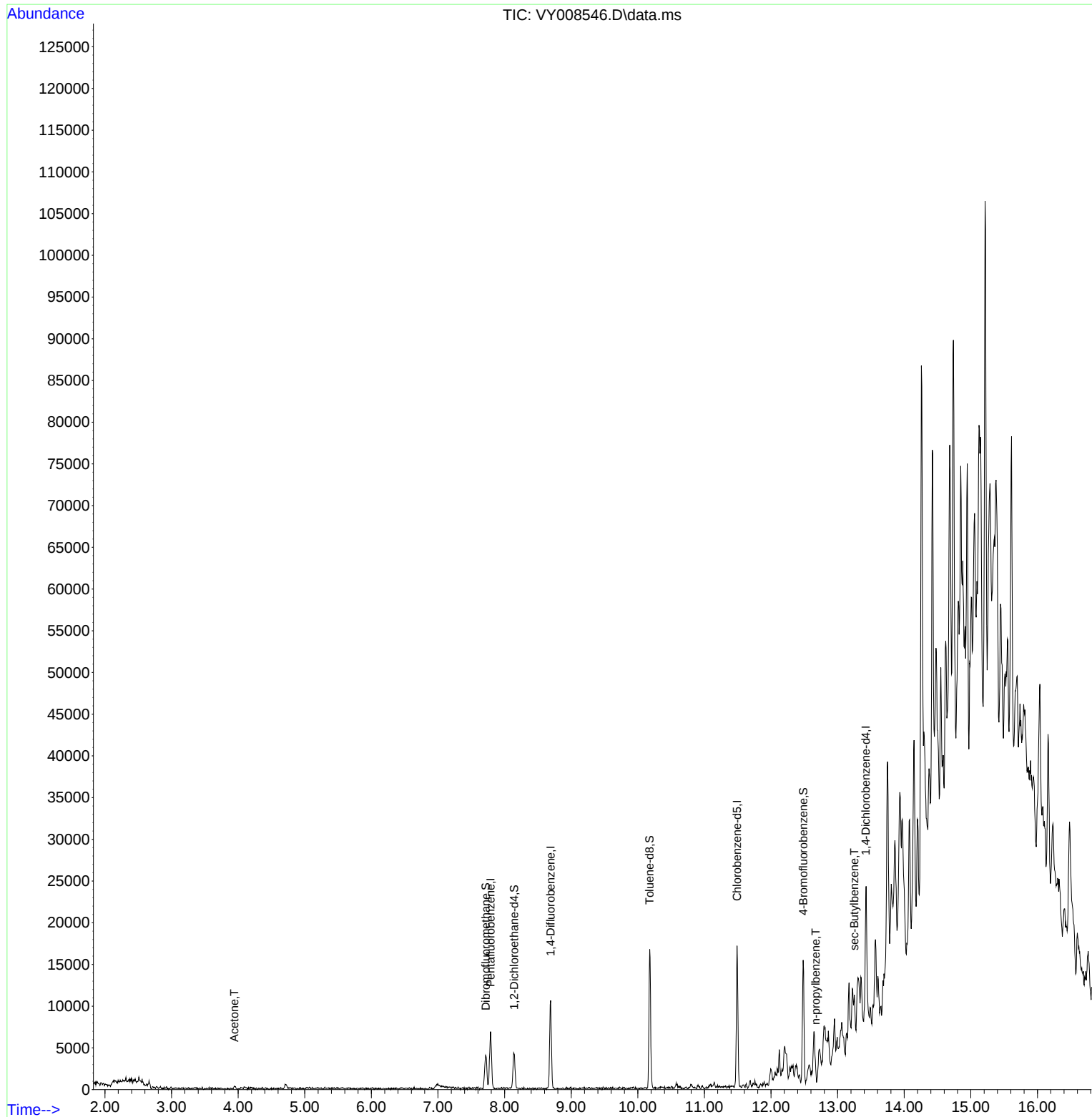
Internal Standards						
1) Pentafluorobenzene	7.789	168	5630	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	9698	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	9812	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	4283	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	3485	52.609	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.220%
35) Dibromofluoromethane	7.716	113	3100	49.529	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.060%
50) Toluene-d8	10.179	98	11764	47.287	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.580%
62) 4-Bromofluorobenzene	12.483	95	4384	52.018	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	104.040%
Target Compounds						
						Qvalue
16) Acetone	3.942	43	362	23.462	ug/l #	89
78) n-propylbenzene	12.672	91	547	1.404	ug/l #	71
85) sec-Butylbenzene	13.251	105	1090	3.087	ug/l #	74

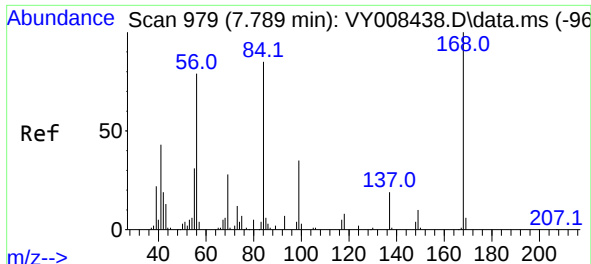
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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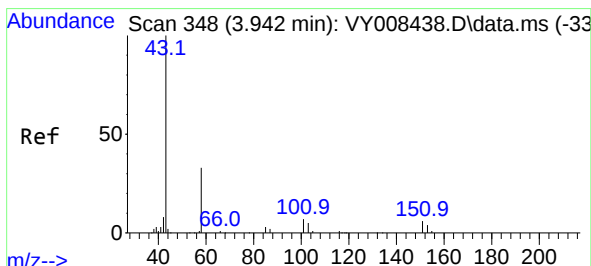
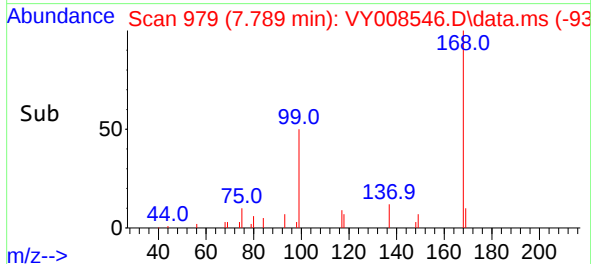
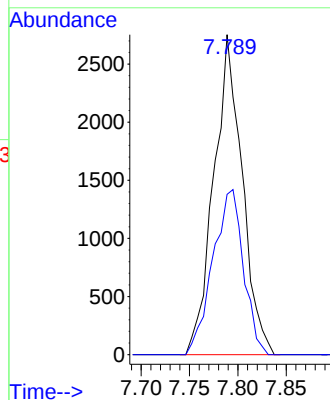
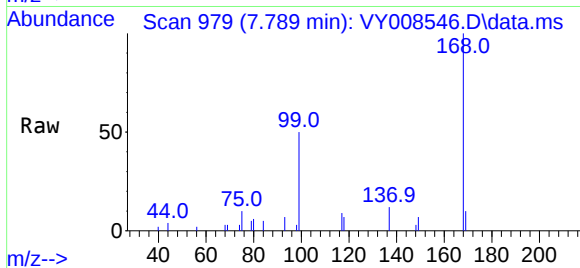




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008546.D
Acq: 28 Apr 2022 14:36

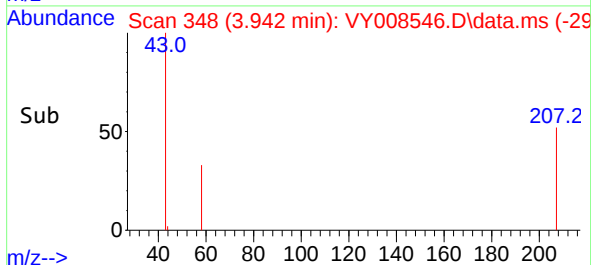
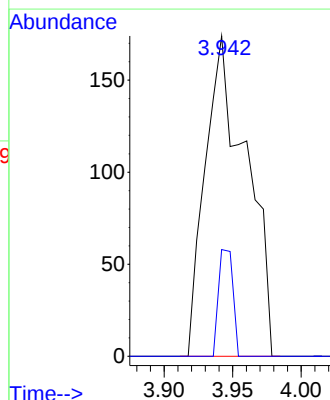
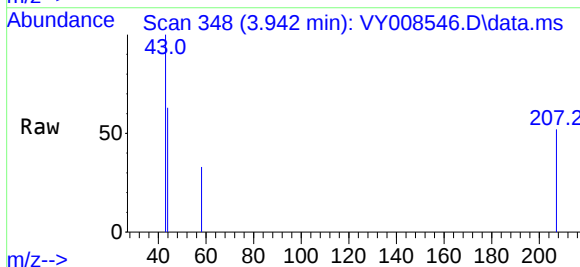
Instrument :
MSVOA_Y
ClientSampleId :
MH-1

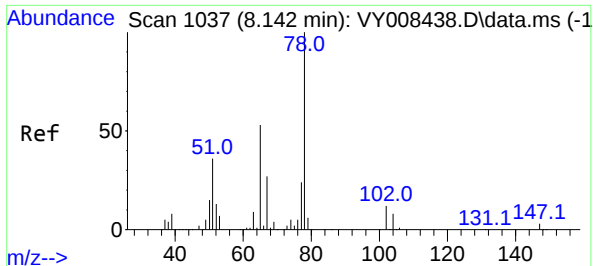
Tgt Ion:168 Resp: 5630
Ion Ratio Lower Upper
168 100
99 50.1 46.9 70.3



#16
Acetone
Concen: 23.462 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY008546.D
Acq: 28 Apr 2022 14:36

Tgt Ion: 43 Resp: 362
Ion Ratio Lower Upper
43 100
58 33.3 22.0 33.0#





#33

1,2-Dichloroethane-d4

Concen: 52.609 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY008546.D

Acq: 28 Apr 2022 14:36

Instrument :

MSVOA_Y

ClientSampleId :

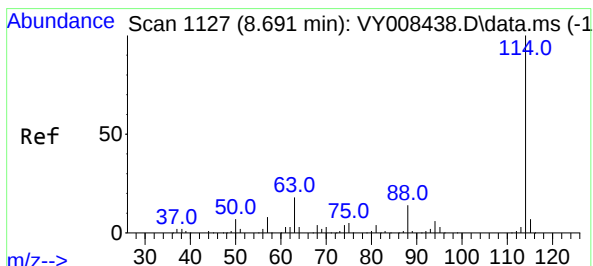
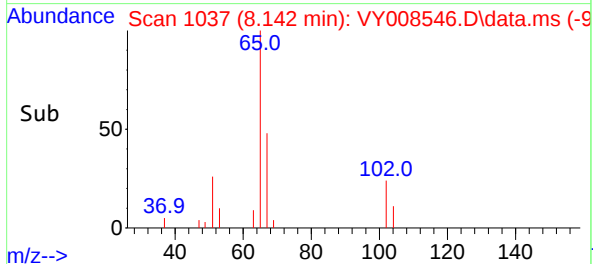
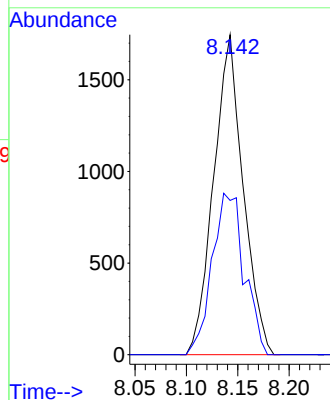
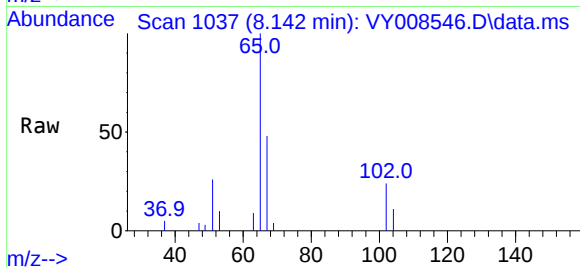
MH-1

Tgt Ion: 65 Resp: 3485

Ion Ratio Lower Upper

65 100

67 55.0 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY008546.D

Acq: 28 Apr 2022 14:36

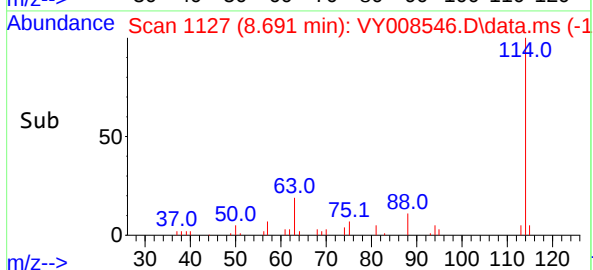
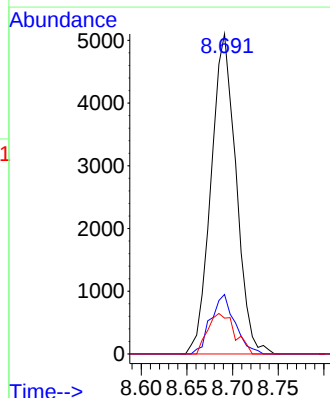
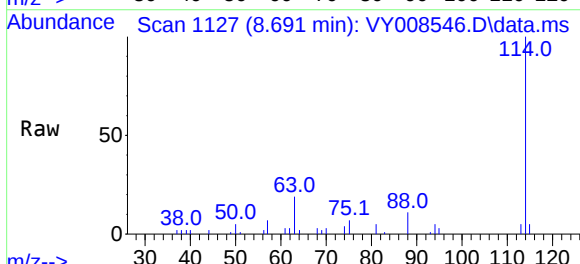
Tgt Ion: 114 Resp: 9698

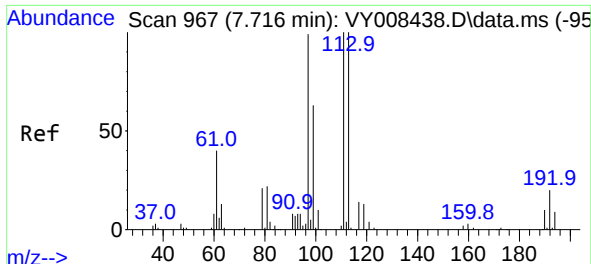
Ion Ratio Lower Upper

114 100

63 18.6 0.0 43.2

88 11.2 0.0 31.8

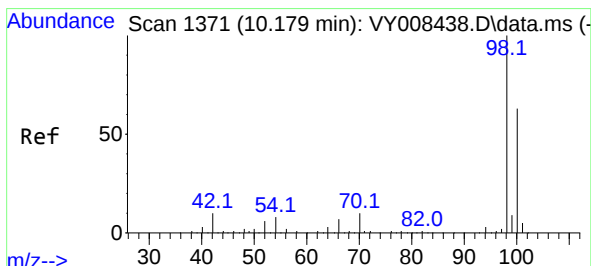
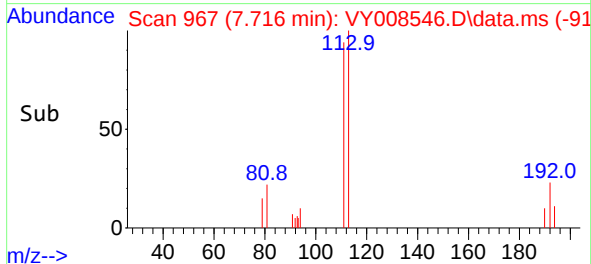
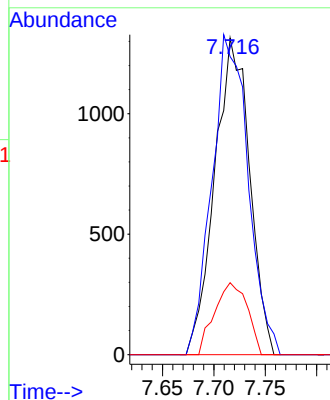
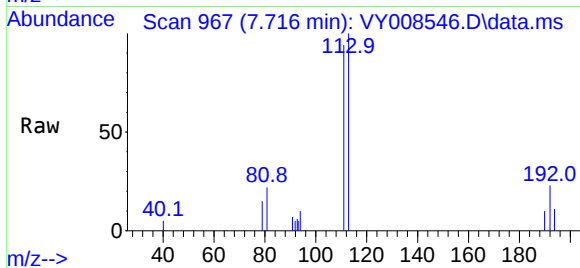




#35
Dibromofluoromethane
Concen: 49.529 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY008546.D
Acq: 28 Apr 2022 14:36

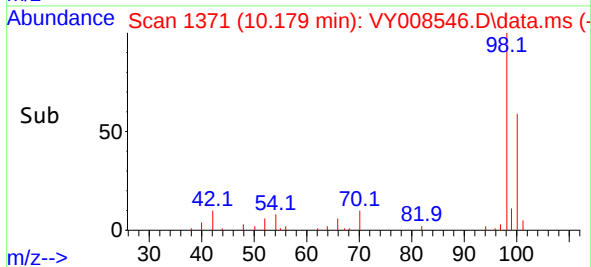
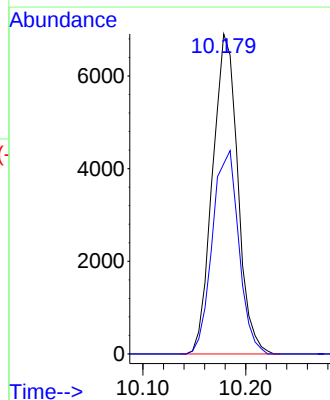
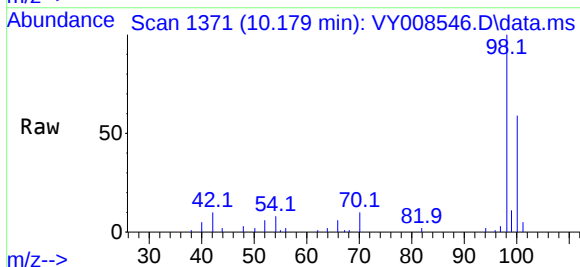
Instrument :
MSVOA_Y
ClientSampleId :
MH-1

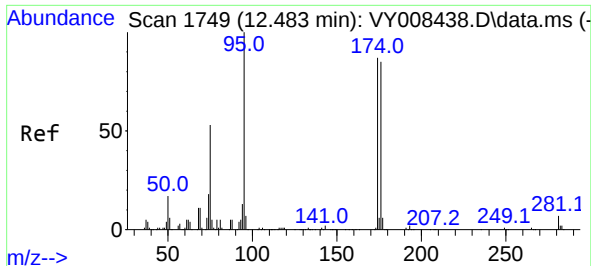
Tgt Ion:113 Resp: 3100
Ion Ratio Lower Upper
113 100
111 104.4 82.6 124.0
192 21.3 17.6 26.4



#50
Toluene-d8
Concen: 47.287 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008546.D
Acq: 28 Apr 2022 14:36

Tgt Ion: 98 Resp: 11764
Ion Ratio Lower Upper
98 100
100 66.6 50.2 75.2

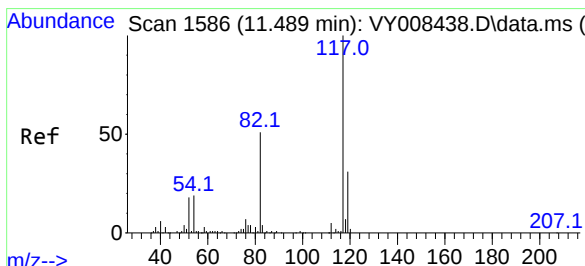
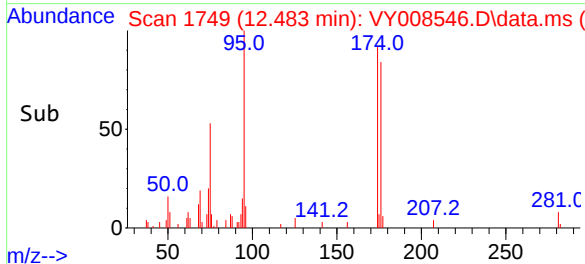
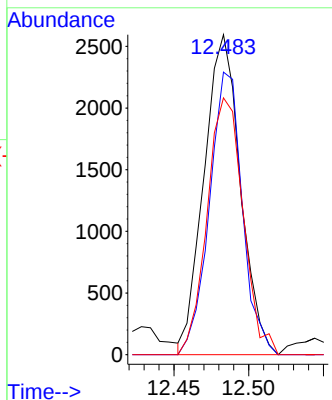
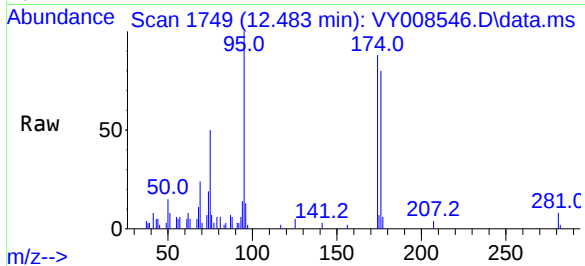




#62
4-Bromofluorobenzene
Concen: 52.018 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008546.D
Acq: 28 Apr 2022 14:36

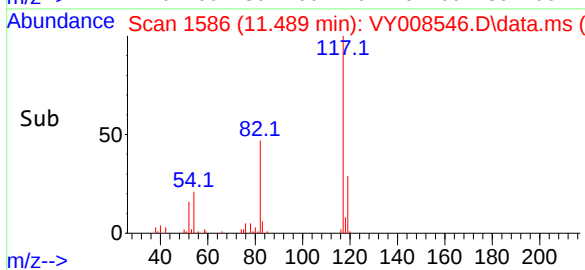
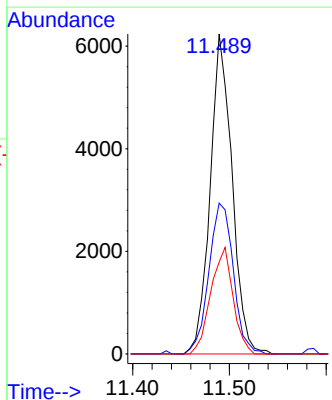
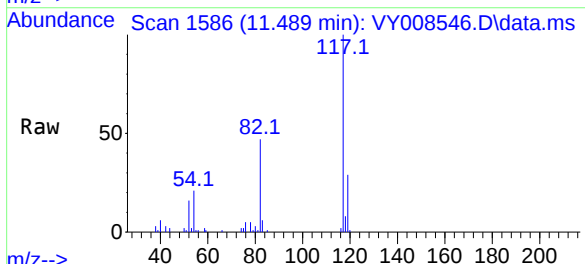
Instrument :
MSVOA_Y
ClientSampleId :
MH-1

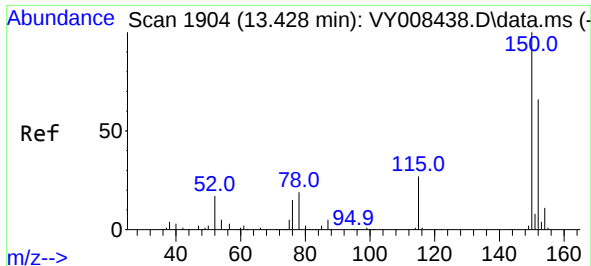
Tgt Ion:	95	Resp:	4384
Ion Ratio	Lower	Upper	
95	100		
174	79.9	0.0	177.0
176	79.4	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY008546.D
Acq: 28 Apr 2022 14:36

Tgt Ion:	117	Resp:	9812
Ion Ratio	Lower	Upper	
117	100		
82	47.2	43.0	64.4
119	28.7	25.4	38.0

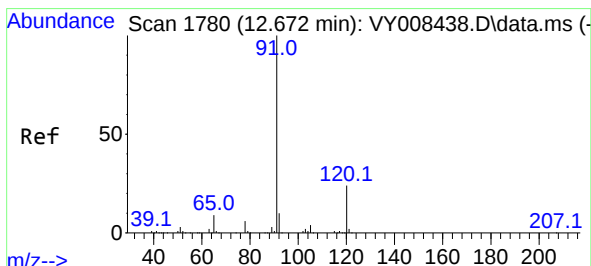
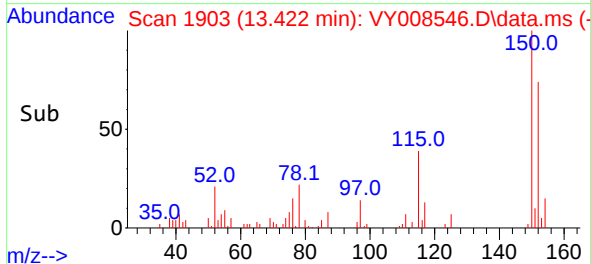
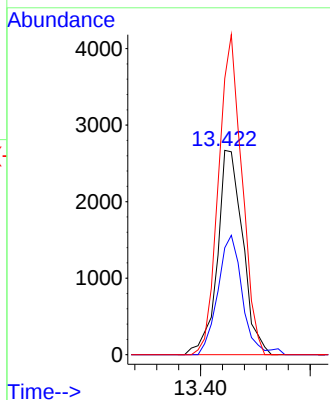
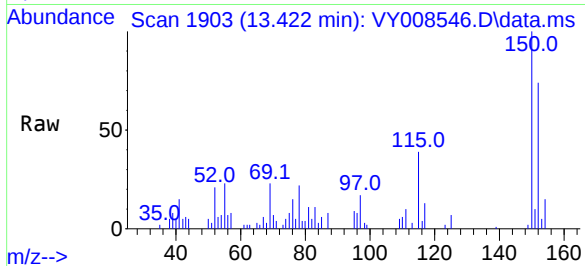




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1904
Delta R.T. -0.006 min
Lab File: VY008546.D
Acq: 28 Apr 2022 14:36

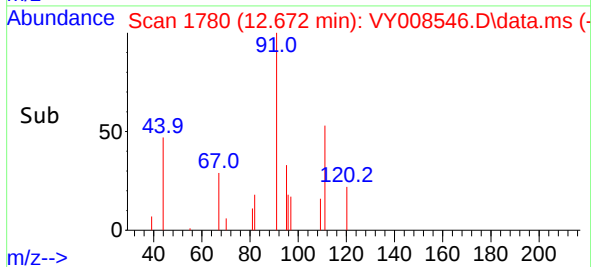
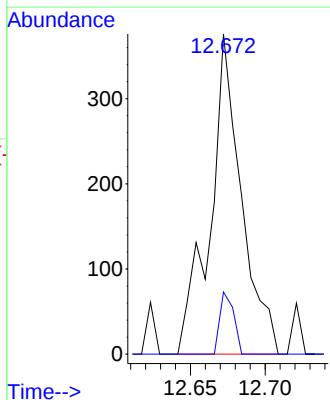
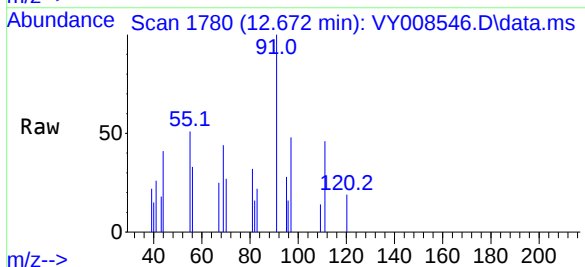
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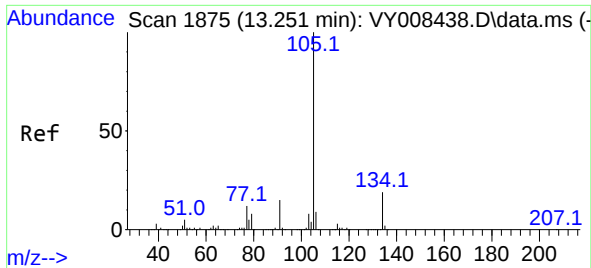
Tgt Ion:152 Resp: 4283
Ion Ratio Lower Upper
152 100
115 56.6 28.2 84.7
150 145.0 0.0 347.6



#78
n-propylbenzene
Concen: 1.404 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY008546.D
Acq: 28 Apr 2022 14:36

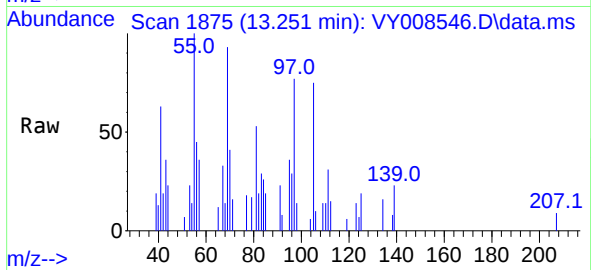
Tgt Ion: 91 Resp: 547
Ion Ratio Lower Upper
91 100
120 8.6 11.3 33.9#





#85
 sec-Butylbenzene
 Concen: 3.087 ug/l
 RT: 13.251 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VY008546.D
 Acq: 28 Apr 2022 14:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-1



Tgt Ion:105 Resp: 1090
 Ion Ratio Lower Upper
 105 100
 134 32.3 10.2 30.4#

