

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042722\
 Data File : VY008519.D
 Acq On : 27 Apr 2022 12:04
 Operator : KP/MD
 Sample : N2572-04
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-14D

Quant Time: Apr 28 01:30:49 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)

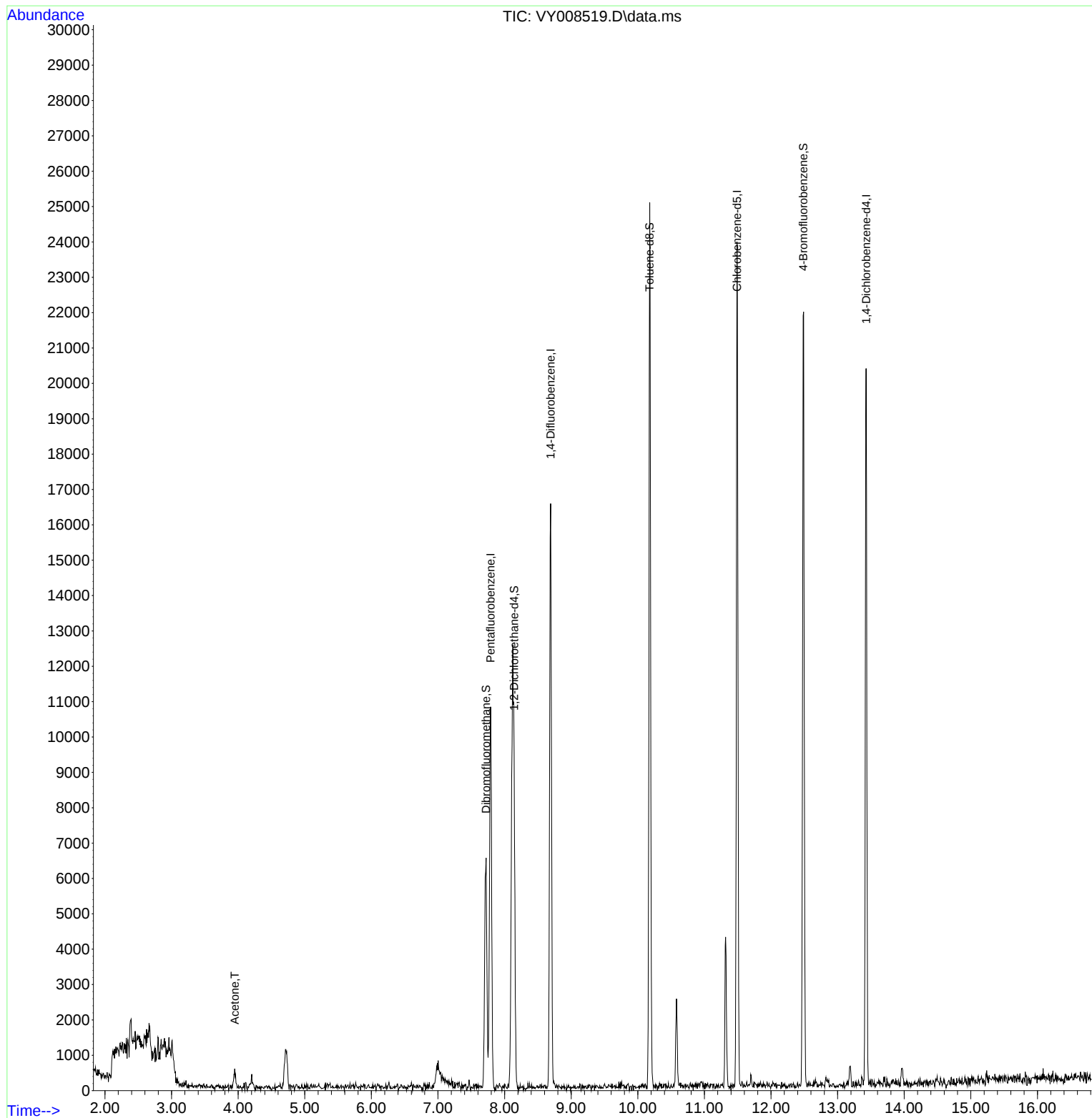
Internal Standards						
1) Pentafluorobenzene	7.789	168	8868	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	14990	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	13313	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	5201	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	5043	48.331	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.660%
35) Dibromofluoromethane	7.722	113	4571	47.249	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.500%
50) Toluene-d8	10.178	98	16546	43.224	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	86.440%
62) 4-Bromofluorobenzene	12.483	95	5277	40.509	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	81.020%
Target Compounds						
16) Acetone	3.948	43	717	29.502	ug/l	Qvalue # 79

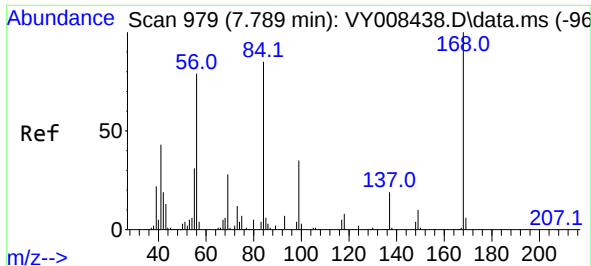
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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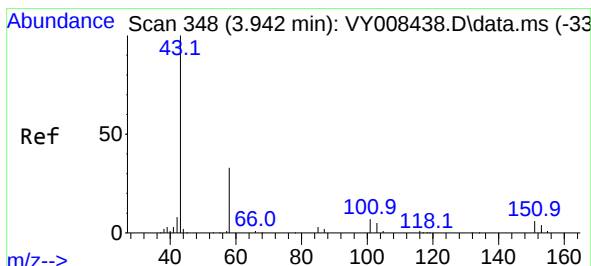
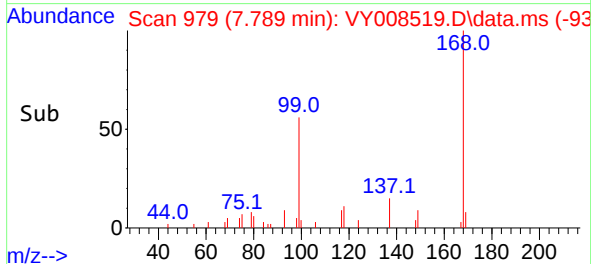
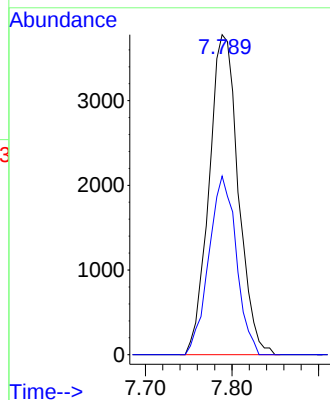
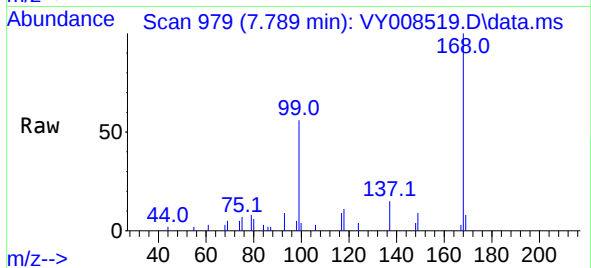




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008519.D
Acq: 27 Apr 2022 12:04

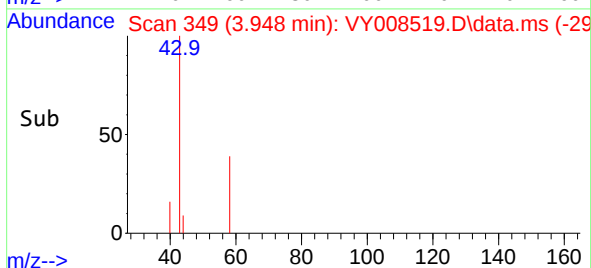
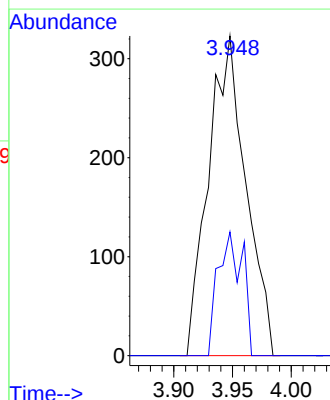
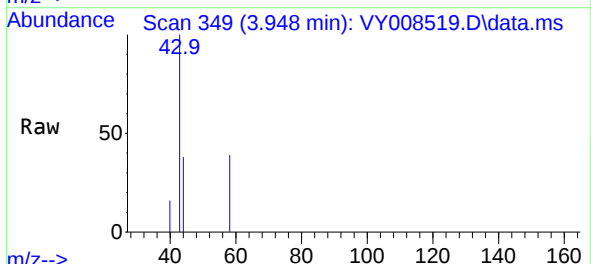
Instrument :
MSVOA_Y
ClientSampleId :
MH-14D

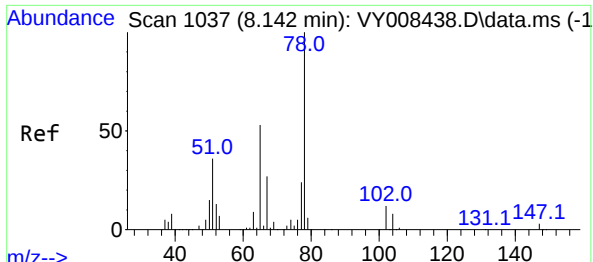
Tgt Ion:168 Resp: 8868
Ion Ratio Lower Upper
168 100
99 55.8 46.9 70.3



#16
Acetone
Concen: 29.502 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY008519.D
Acq: 27 Apr 2022 12:04

Tgt Ion: 43 Resp: 717
Ion Ratio Lower Upper
43 100
58 38.7 22.0 33.0#

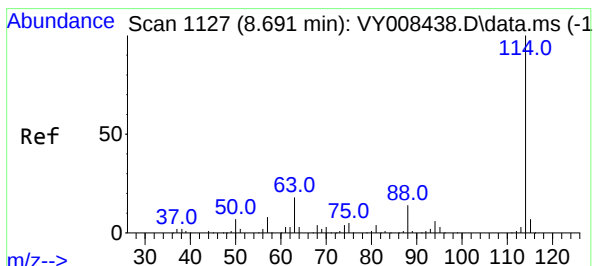
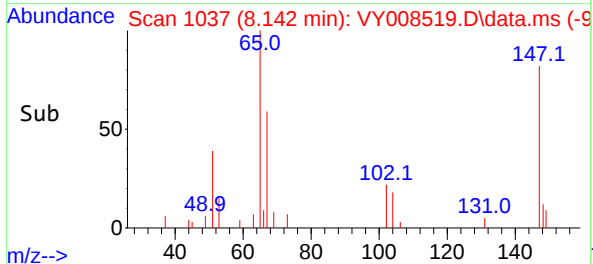
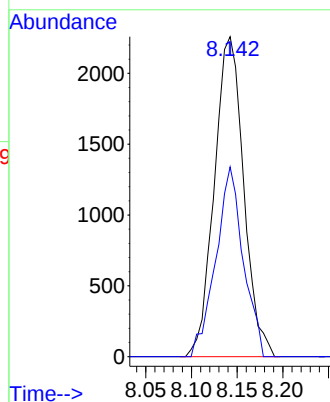
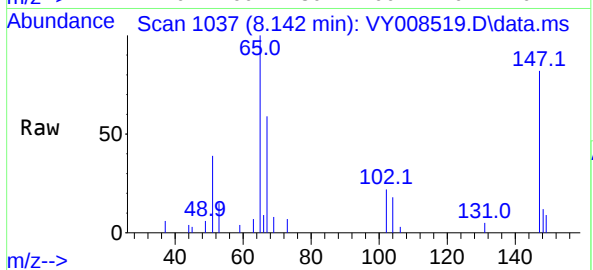




#33
1,2-Dichloroethane-d4
Concen: 48.331 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY008519.D
Acq: 27 Apr 2022 12:04

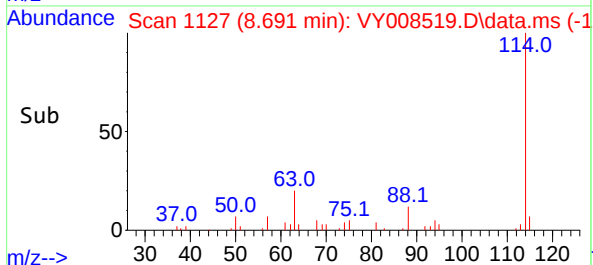
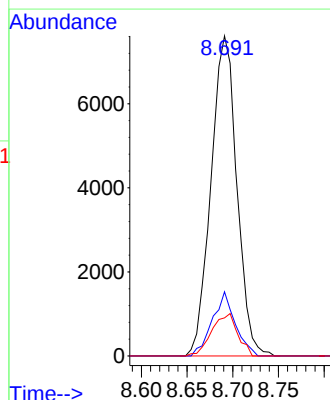
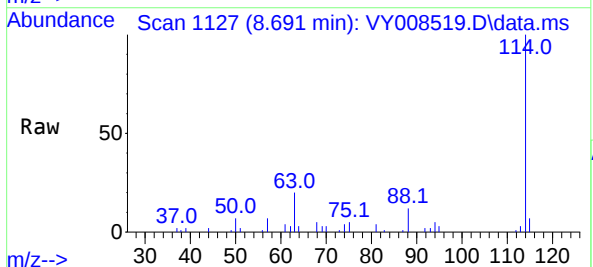
Instrument :
MSVOA_Y
ClientSampleId :
MH-14D

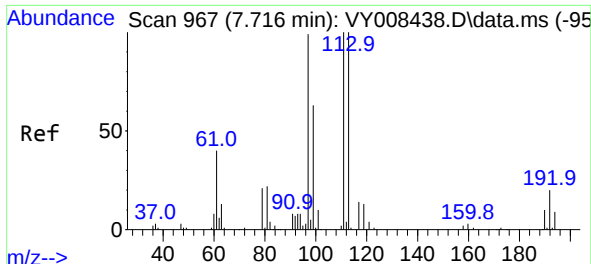
Tgt Ion: 65 Resp: 5043
Ion Ratio Lower Upper
65 100
67 55.4 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY008519.D
Acq: 27 Apr 2022 12:04

Tgt Ion: 114 Resp: 14990
Ion Ratio Lower Upper
114 100
63 20.1 0.0 43.2
88 11.9 0.0 31.8

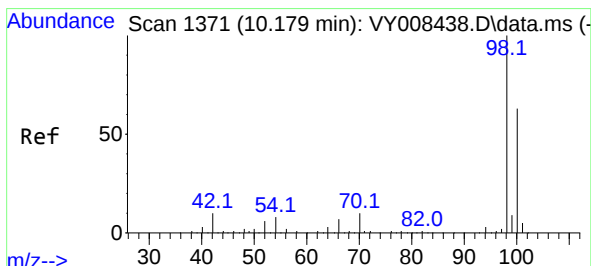
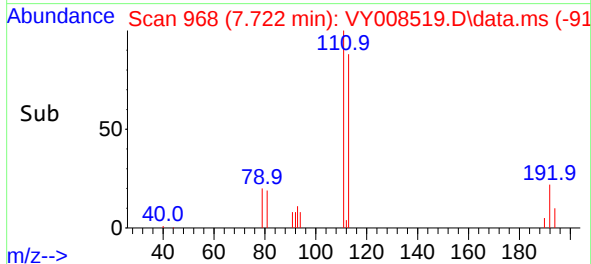
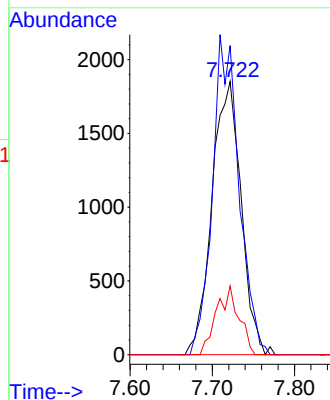
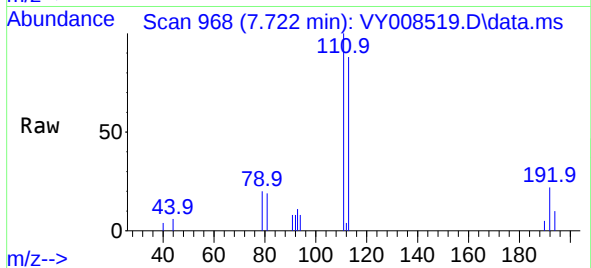




#35
Dibromofluoromethane
Concen: 47.249 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY008519.D
Acq: 27 Apr 2022 12:04

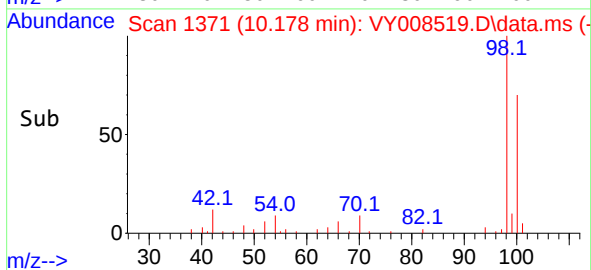
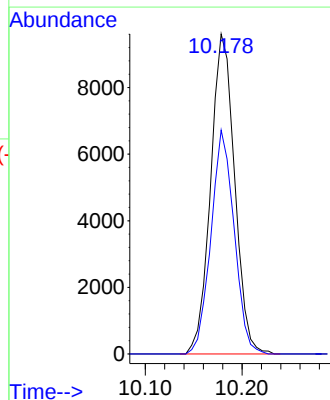
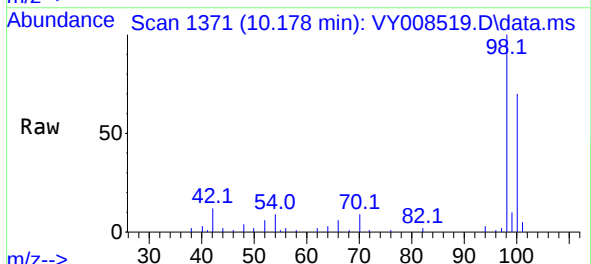
Instrument :
MSVOA_Y
ClientSampleId :
MH-14D

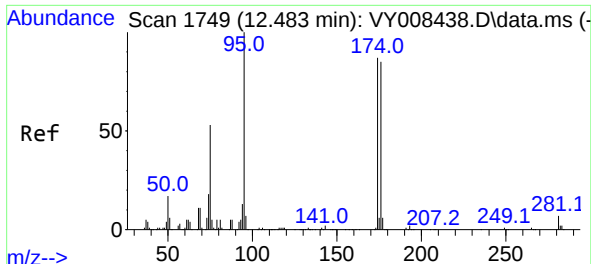
Tgt Ion:113 Resp: 4571
Ion Ratio Lower Upper
113 100
111 106.3 82.6 124.0
192 19.4 17.6 26.4



#50
Toluene-d8
Concen: 43.224 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.001 min
Lab File: VY008519.D
Acq: 27 Apr 2022 12:04

Tgt Ion: 98 Resp: 16546
Ion Ratio Lower Upper
98 100
100 67.6 50.2 75.2

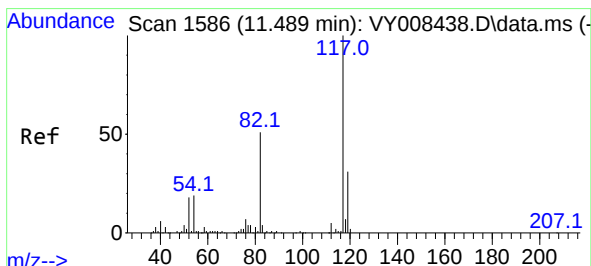
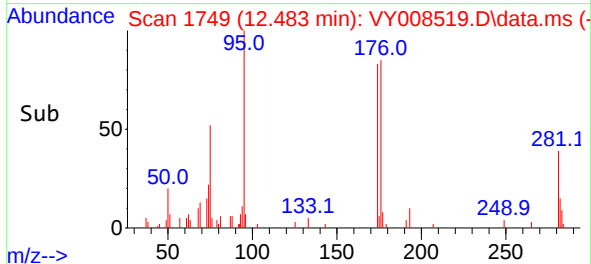
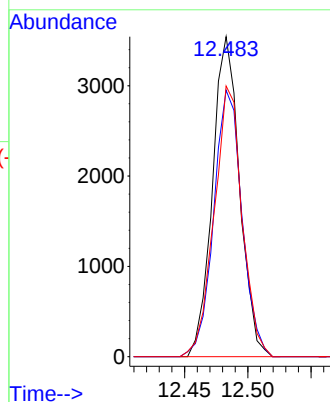
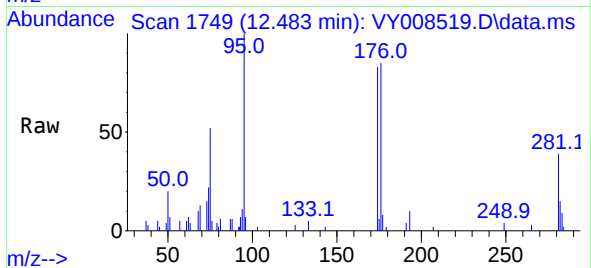




#62
4-Bromofluorobenzene
Concen: 40.509 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY008519.D
Acq: 27 Apr 2022 12:04

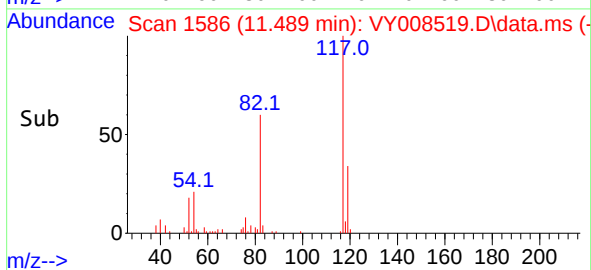
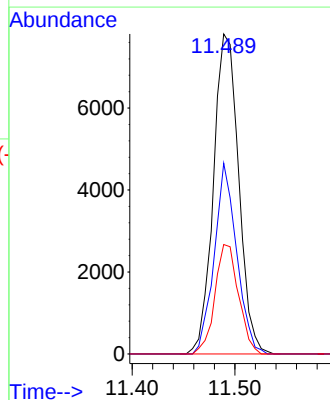
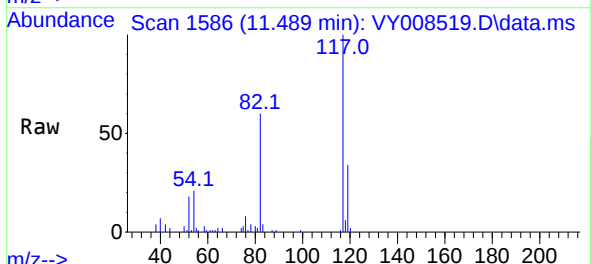
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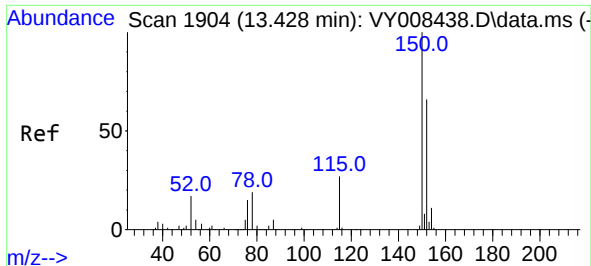
Tgt Ion: 95 Resp: 5277
Ion Ratio Lower Upper
95 100
174 86.7 0.0 177.0
176 86.9 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY008519.D
Acq: 27 Apr 2022 12:04

Tgt Ion: 117 Resp: 13313
Ion Ratio Lower Upper
117 100
82 59.6 43.0 64.4
119 34.2 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: VY008519.D

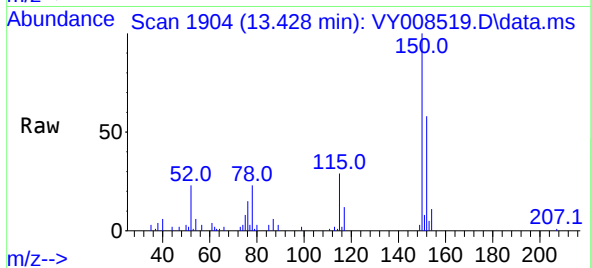
Acq: 27 Apr 2022 12:04

Instrument :

MSVOA_Y

ClientSampleId :

MH-14D



Tgt Ion:152 Resp: 5201

Ion Ratio Lower Upper

152 100

115 57.0 28.2 84.7

150 166.5 0.0 347.6

