

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042122\
 Data File : VY008445.D
 Acq On : 21 Apr 2022 17:02
 Operator : KP/MD
 Sample : N2493-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 72-11944

Quant Time: Apr 22 05:26:37 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)

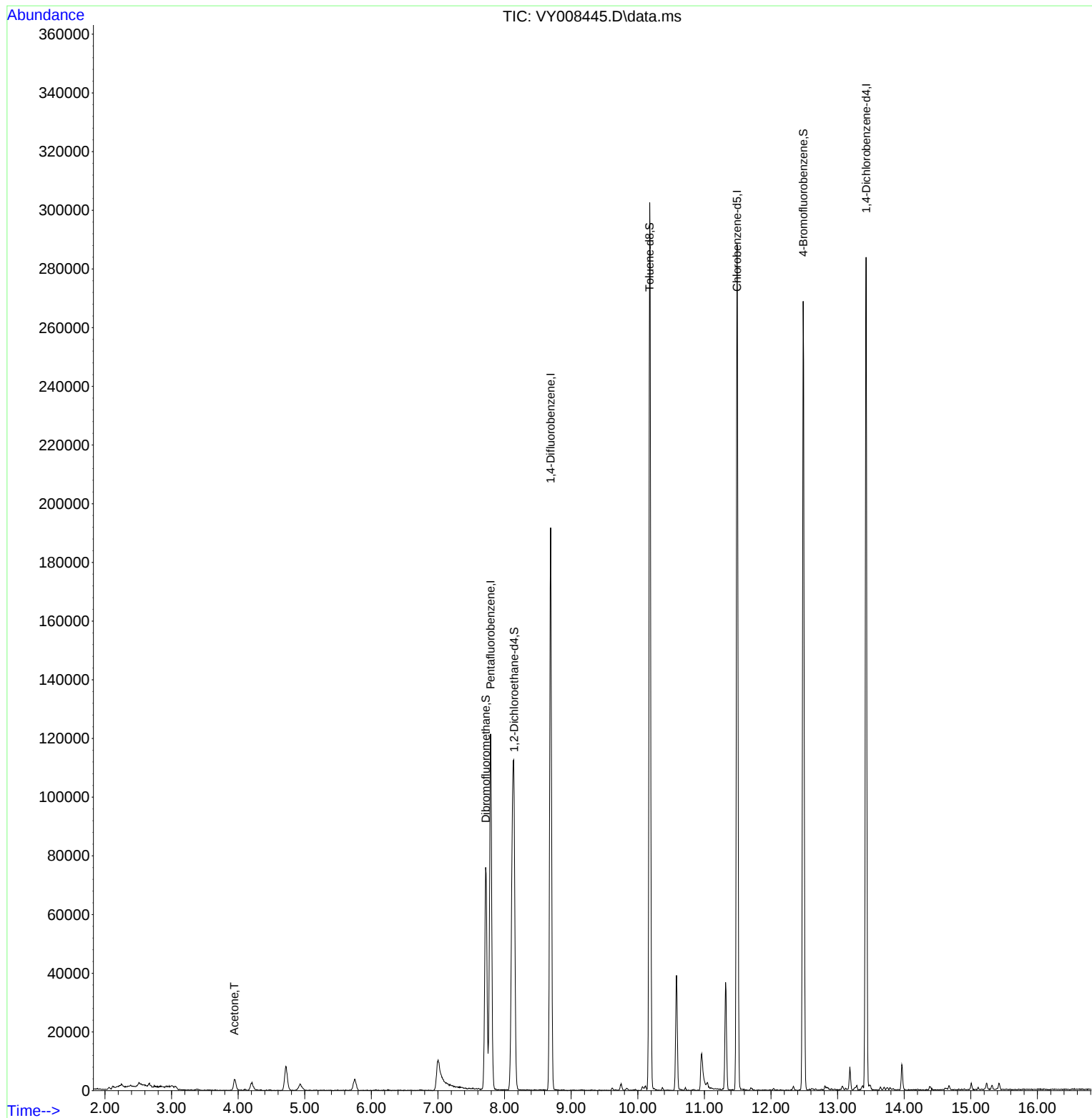
Internal Standards						
1) Pentafluorobenzene	7.789	168	93353	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	167855	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	161469	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	71189	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	53893	49.064	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.120%
35) Dibromofluoromethane	7.716	113	53308	49.209	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.420%
50) Toluene-d8	10.179	98	203252	47.207	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.420%
62) 4-Bromofluorobenzene	12.483	95	68270	46.801	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.600%
Target Compounds						Qvalue
16) Acetone	3.942	43	6706	26.211	ug/l	94

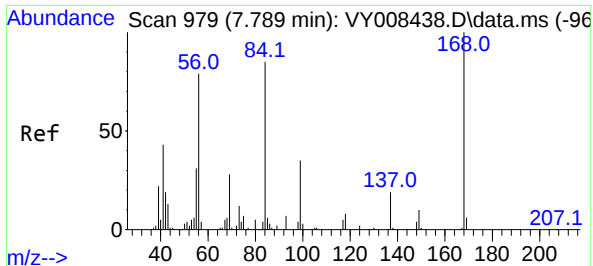
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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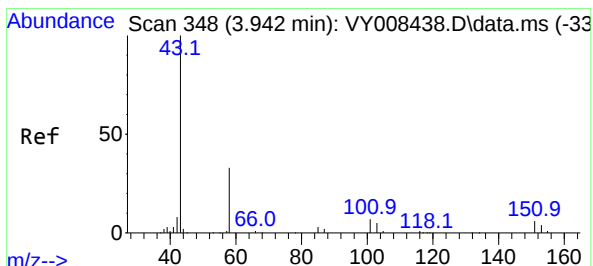
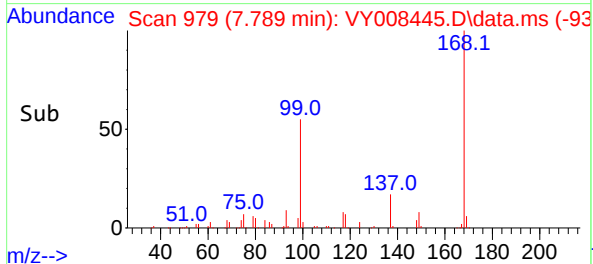
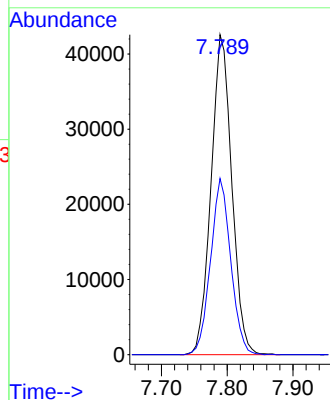
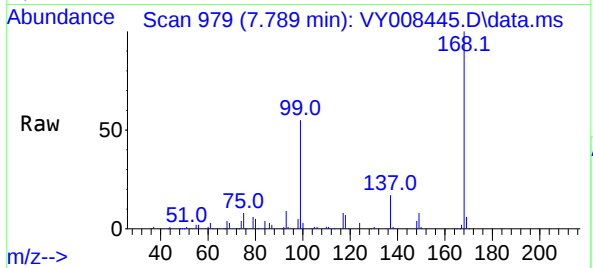




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008445.D
Acq: 21 Apr 2022 17:02

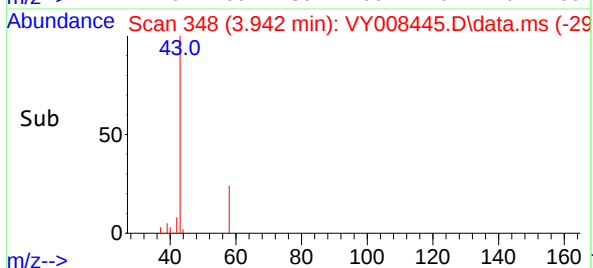
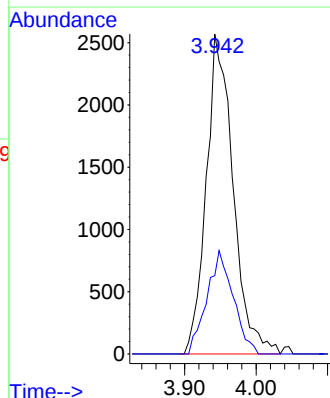
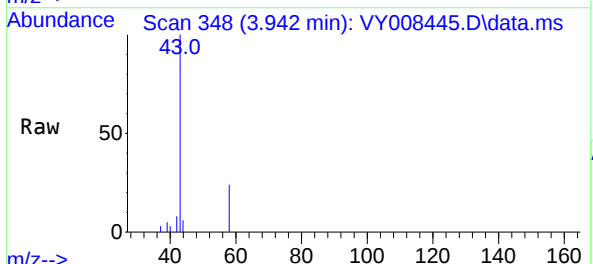
Instrument :
MSVOA_Y
ClientSampleId :
72-11944

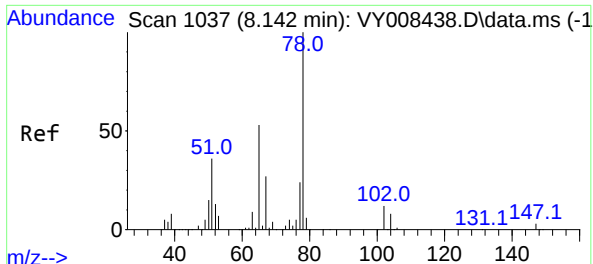
Tgt Ion:168 Resp: 93353
Ion Ratio Lower Upper
168 100
99 55.0 46.9 70.3



#16
Acetone
Concen: 26.211 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY008445.D
Acq: 21 Apr 2022 17:02

Tgt Ion: 43 Resp: 6706
Ion Ratio Lower Upper
43 100
58 24.5 22.0 33.0





#33

1,2-Dichloroethane-d4

Concen: 49.064 ug/l

RT: 8.143 min Scan# 1103

Delta R.T. 0.001 min

Lab File: VY008445.D

Acq: 21 Apr 2022 17:02

Instrument :

MSVOA_Y

ClientSampleId :

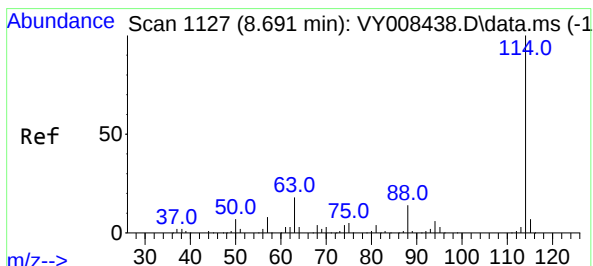
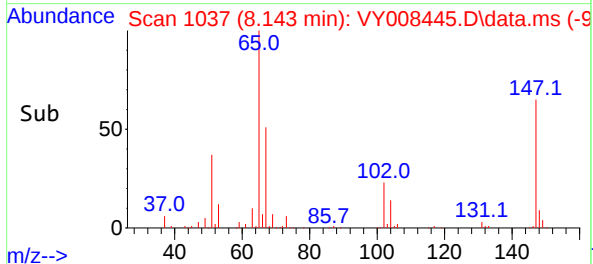
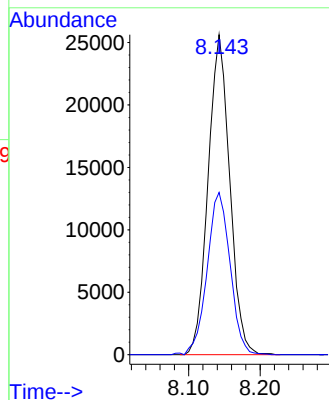
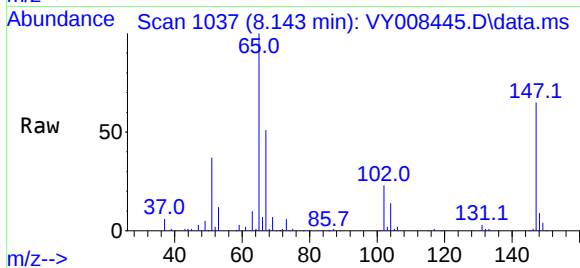
72-11944

Tgt Ion: 65 Resp: 53893

Ion Ratio Lower Upper

65 100

67 53.8 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: VY008445.D

Acq: 21 Apr 2022 17:02

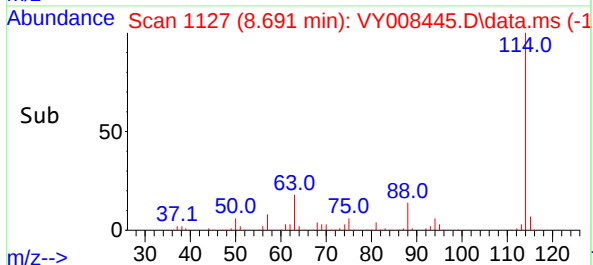
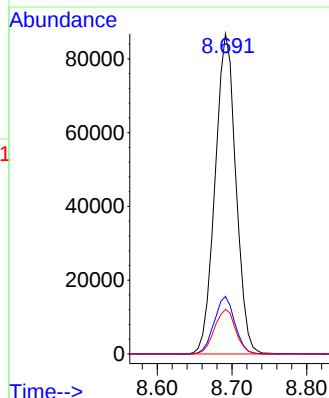
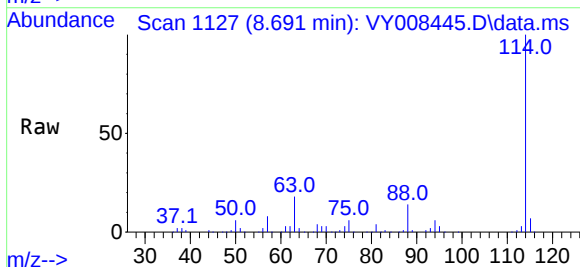
Tgt Ion: 114 Resp: 167855

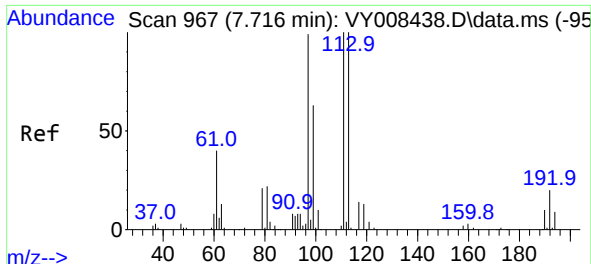
Ion Ratio Lower Upper

114 100

63 18.0 0.0 43.2

88 14.0 0.0 31.8

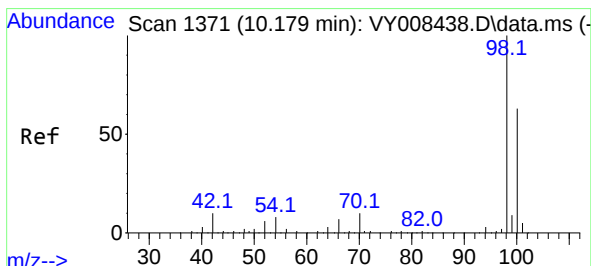
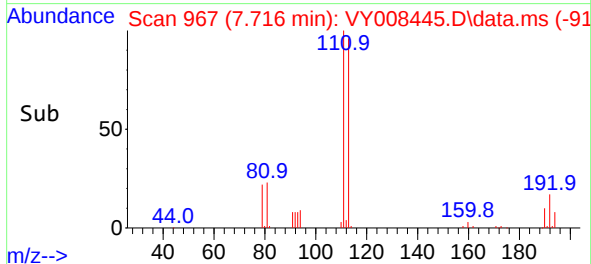
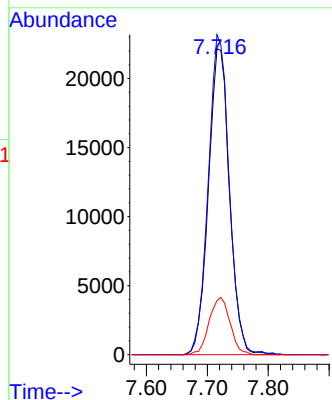
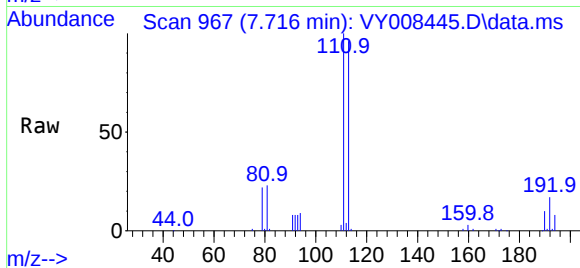




#35
Dibromofluoromethane
Concen: 49.209 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY008445.D
Acq: 21 Apr 2022 17:02

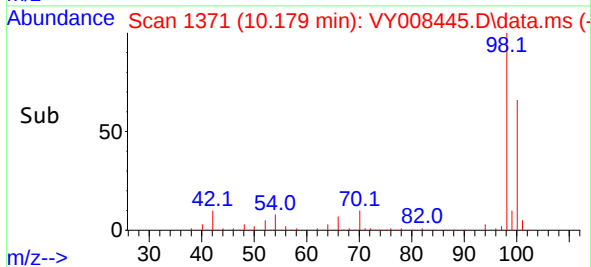
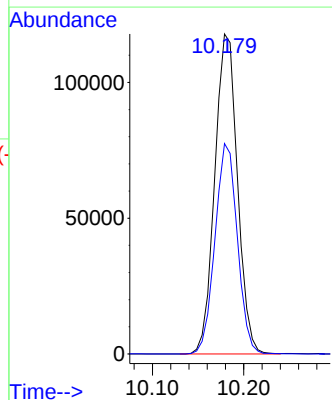
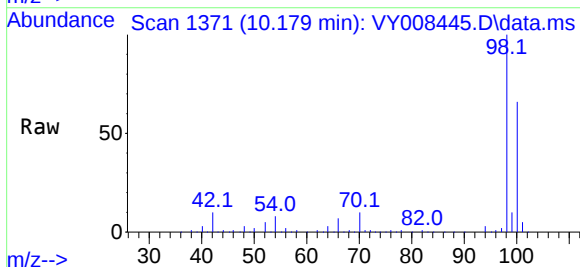
Instrument :
MSVOA_Y
ClientSampleId :
72-11944

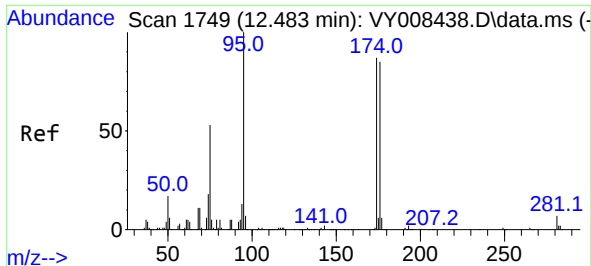
Tgt Ion:113 Resp: 53308
Ion Ratio Lower Upper
113 100
111 104.0 82.6 124.0
192 18.5 17.6 26.4



#50
Toluene-d8
Concen: 47.207 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008445.D
Acq: 21 Apr 2022 17:02

Tgt Ion: 98 Resp: 203252
Ion Ratio Lower Upper
98 100
100 64.8 50.2 75.2

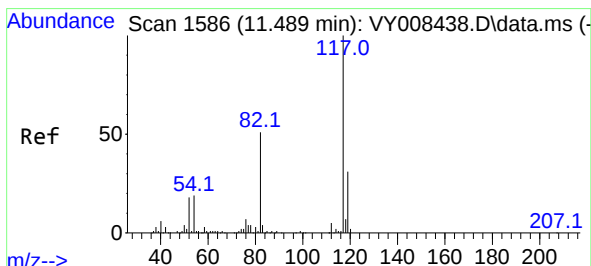
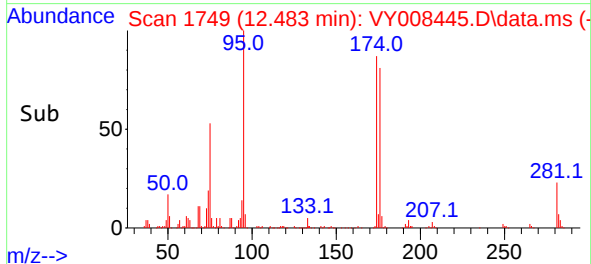
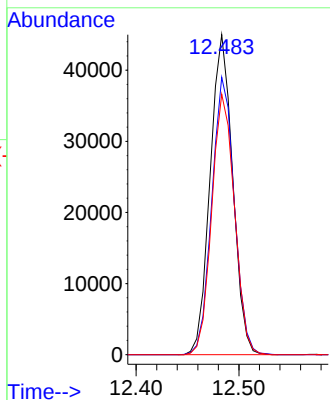
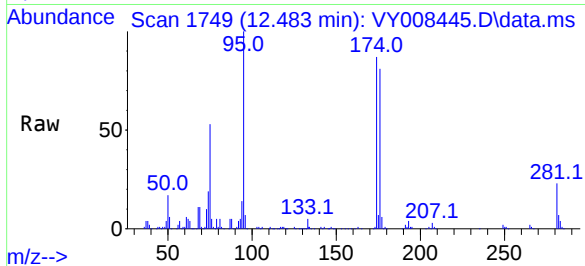




#62
4-Bromofluorobenzene
Concen: 46.801 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008445.D
Acq: 21 Apr 2022 17:02

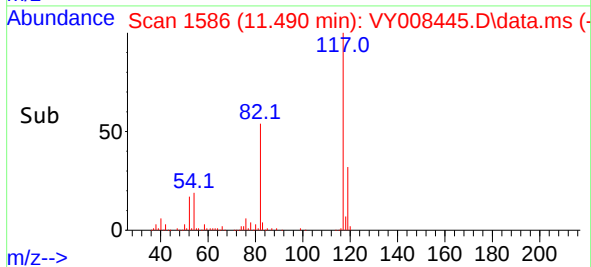
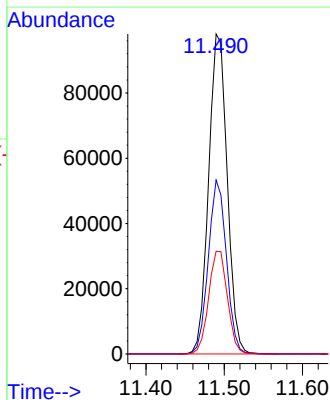
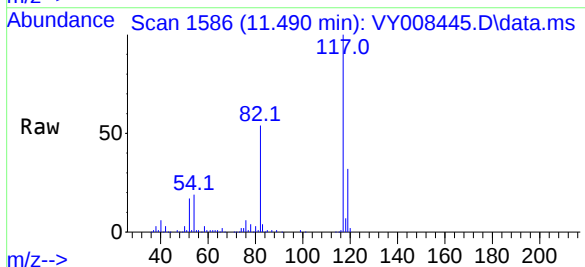
Instrument :
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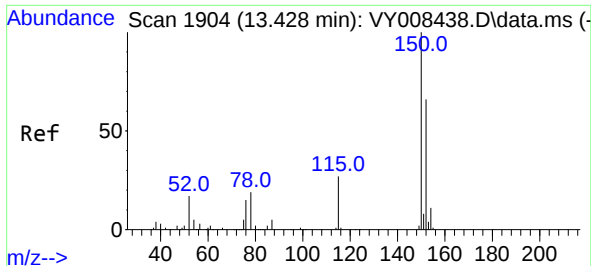
Tgt Ion: 95 Resp: 68270
Ion Ratio Lower Upper
95 100
174 86.7 0.0 177.0
176 82.2 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY008445.D
Acq: 21 Apr 2022 17:02

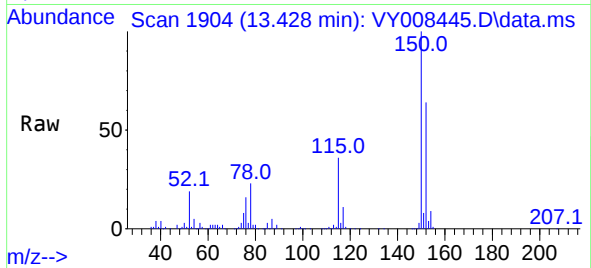
Tgt Ion: 117 Resp: 161469
Ion Ratio Lower Upper
117 100
82 54.4 43.0 64.4
119 32.1 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY008445.D
 Acq: 21 Apr 2022 17:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 72-11944



Tgt Ion:152 Resp: 71189
 Ion Ratio Lower Upper
 152 100
 115 57.3 28.2 84.7
 150 159.4 0.0 347.6

