

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050422\
 Data File : VY008606.D
 Acq On : 04 May 2022 12:53
 Operator : KP/MD
 Sample : N2616-04RE
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-18DRE

Quant Time: May 05 04:34:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 01:57:20 2022
 Response via : Initial Calibration

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

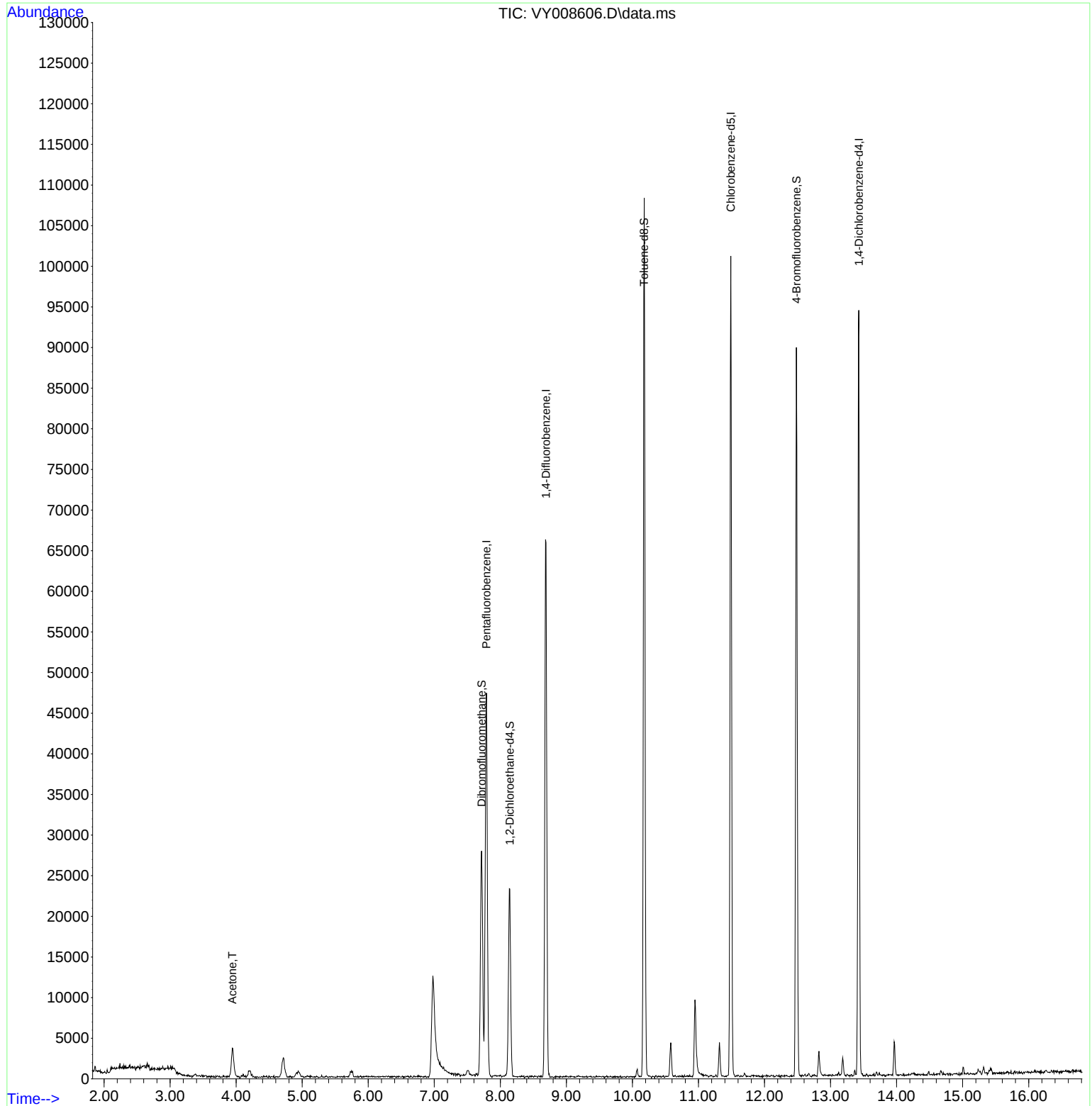
Internal Standards						
1) Pentafluorobenzene	7.789	168	40373	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	64653	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	59865	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	26811	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	17792	45.342	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.680%
35) Dibromofluoromethane	7.716	113	20273	47.388	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.780%
50) Toluene-d8	10.179	98	73193	48.292	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.580%
62) 4-Bromofluorobenzene	12.483	95	22864	41.158	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	82.320%
Target Compounds						
16) Acetone	3.942	43	6053	71.593	ug/l	Qvalue # 64

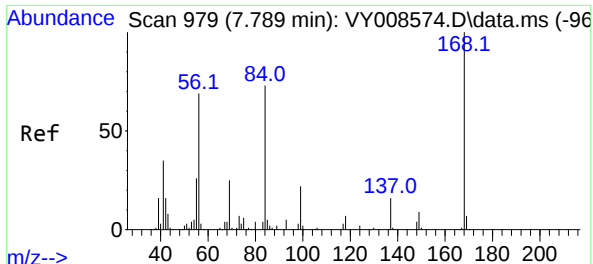
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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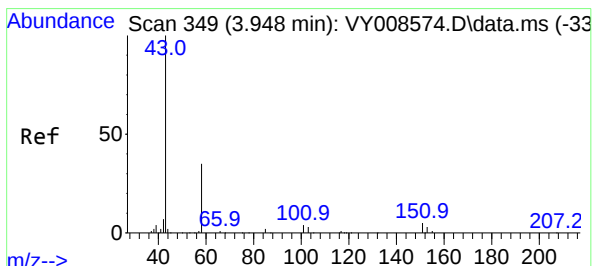
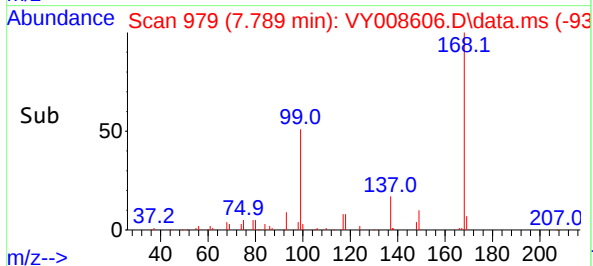
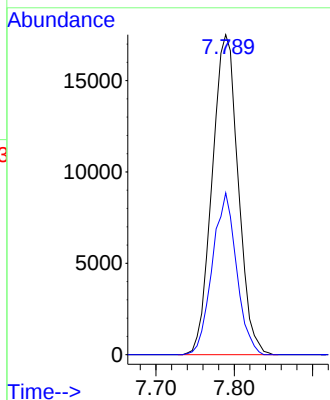
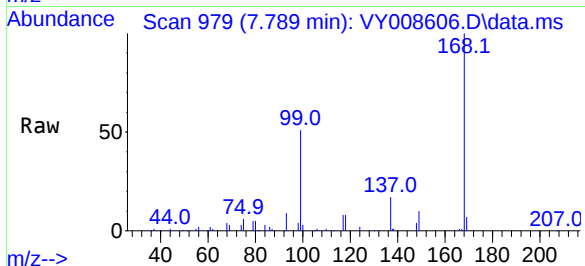




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008606.D
Acq: 04 May 2022 12:53

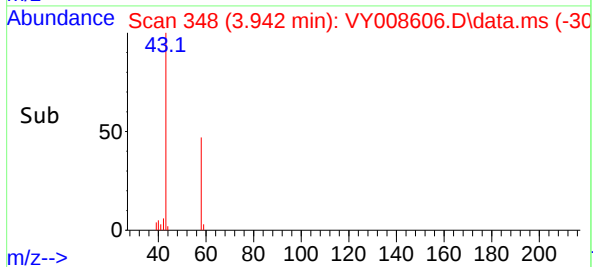
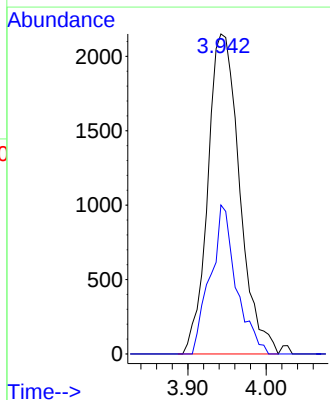
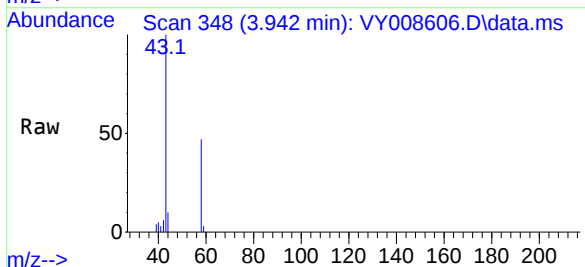
Instrument :
MSVOA_Y
ClientSampleId :
MH-18DRE

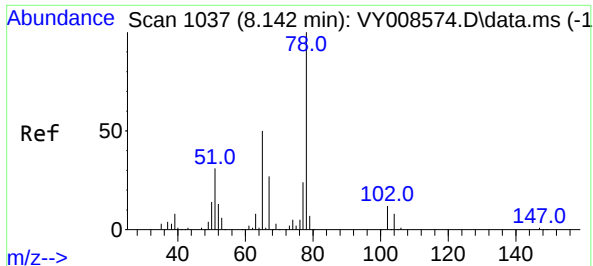
Tgt Ion:168 Resp: 40373
Ion Ratio Lower Upper
168 100
99 50.6 46.9 70.3



#16
Acetone
Concen: 71.593 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY008606.D
Acq: 04 May 2022 12:53

Tgt Ion: 43 Resp: 6053
Ion Ratio Lower Upper
43 100
58 46.5 22.0 33.0#





#33

1,2-Dichloroethane-d4

Concen: 45.342 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY008606.D

Acq: 04 May 2022 12:53

Instrument :

MSVOA_Y

ClientSampleId :

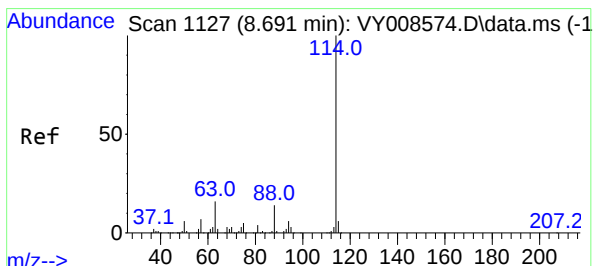
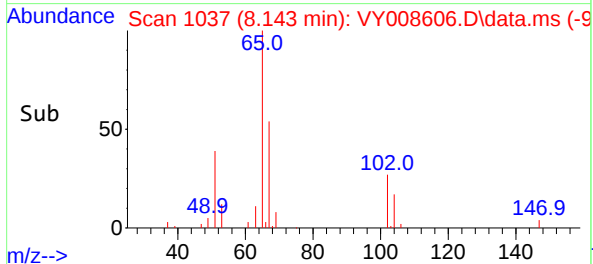
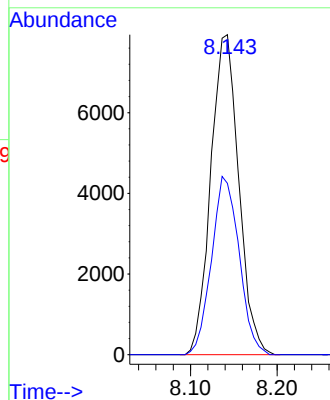
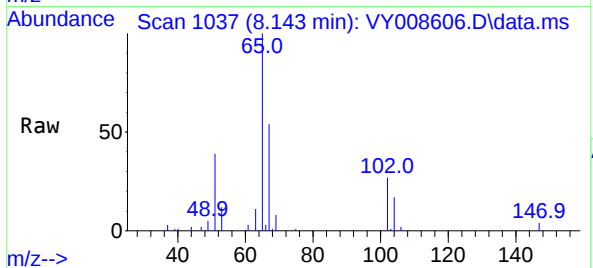
MH-18DRE

Tgt Ion: 65 Resp: 17792

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: VY008606.D

Acq: 04 May 2022 12:53

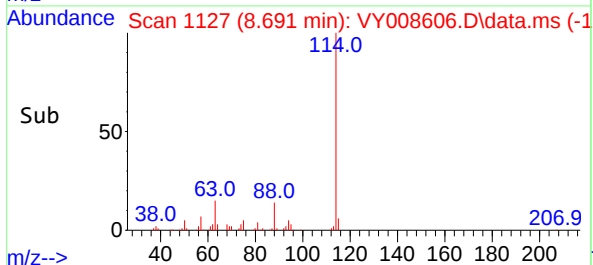
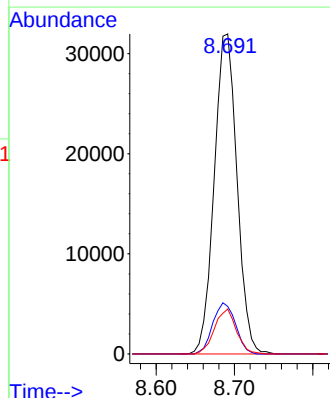
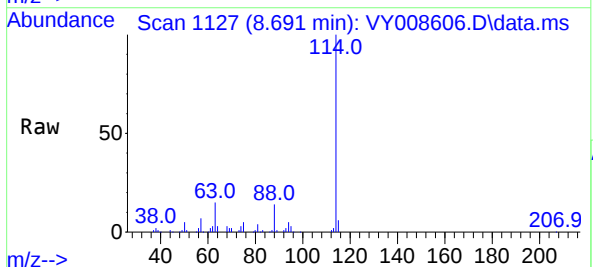
Tgt Ion: 114 Resp: 64653

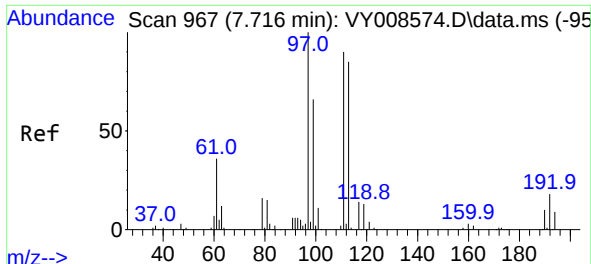
Ion Ratio Lower Upper

114 100

63 14.8 0.0 43.2

88 14.1 0.0 31.8

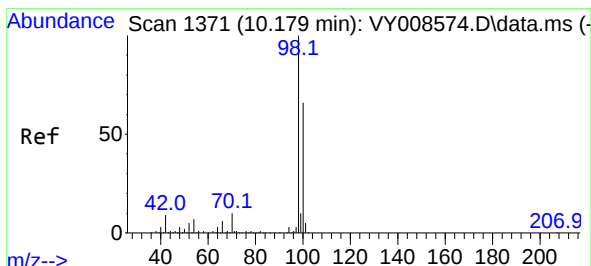
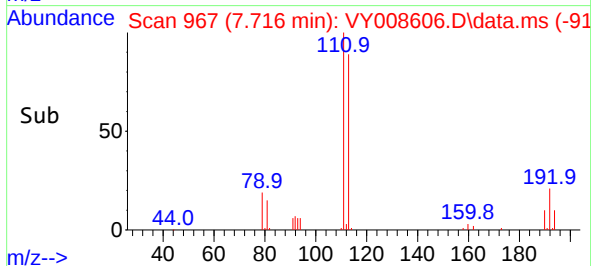
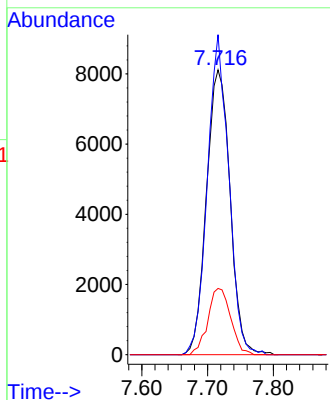
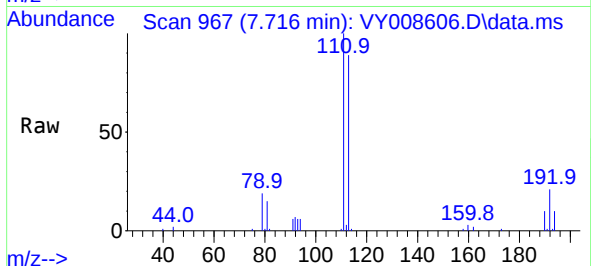




#35
Dibromofluoromethane
Concen: 47.388 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY008606.D
Acq: 04 May 2022 12:53

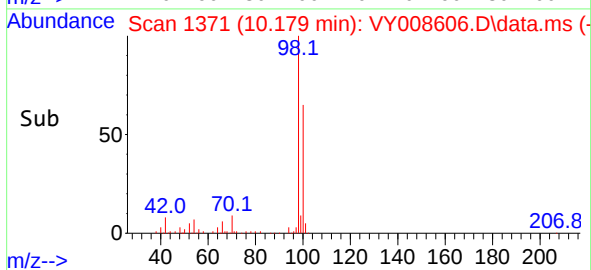
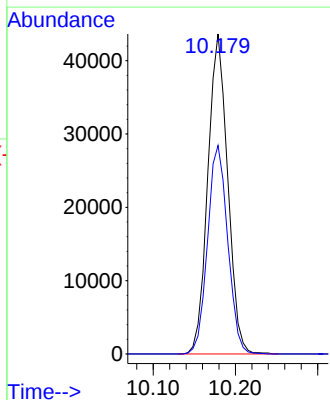
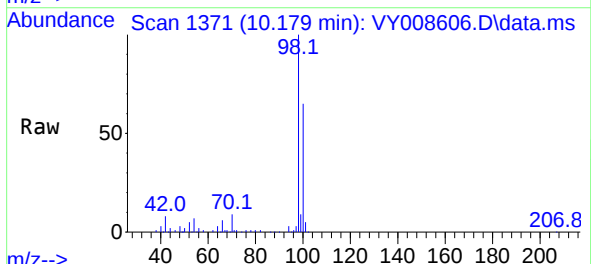
Instrument :
MSVOA_Y
ClientSampleId :
MH-18DRE

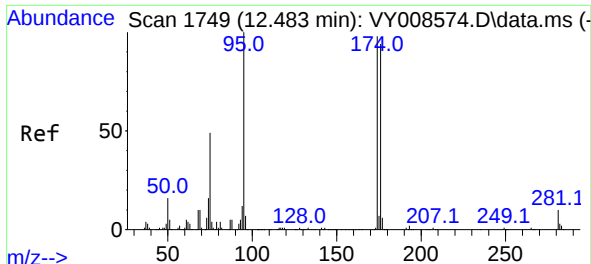
Tgt Ion:113 Resp: 20273
Ion Ratio Lower Upper
113 100
111 101.8 82.6 124.0
192 22.5 17.6 26.4



#50
Toluene-d8
Concen: 48.292 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY008606.D
Acq: 04 May 2022 12:53

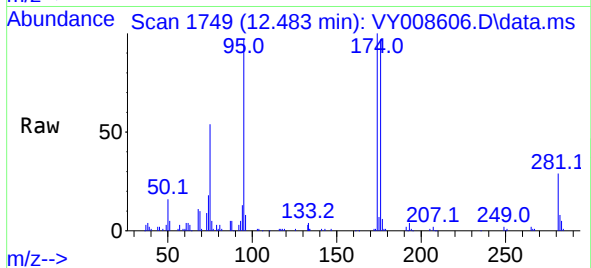
Tgt Ion: 98 Resp: 73193
Ion Ratio Lower Upper
98 100
100 66.0 50.2 75.2



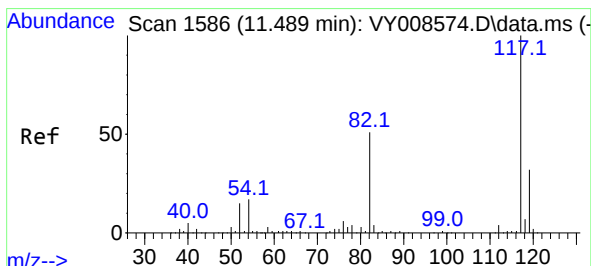
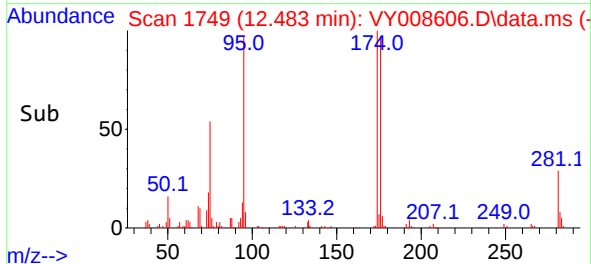
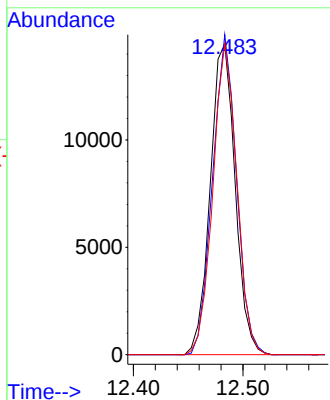


#62
4-Bromofluorobenzene
Concen: 41.158 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008606.D
Acq: 04 May 2022 12:53

Instrument :
MSVOA_Y
ClientSampleId :
MH-18DRE

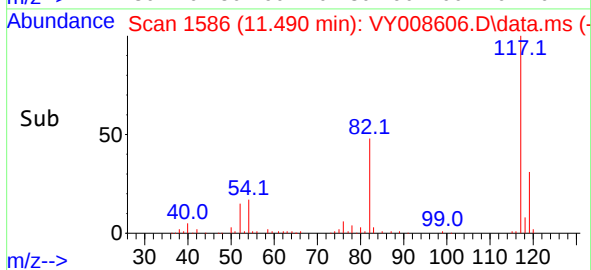
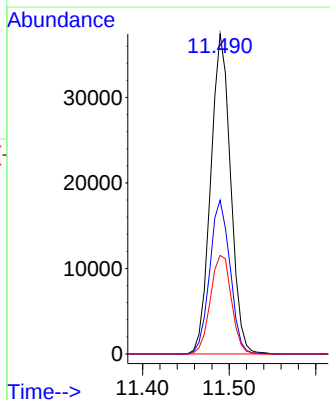
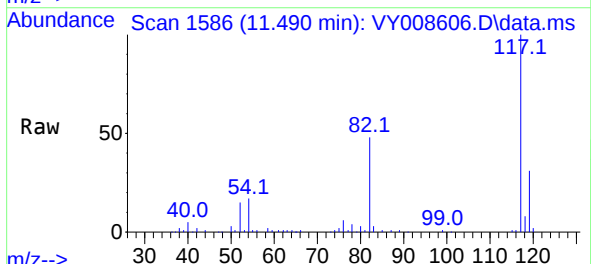


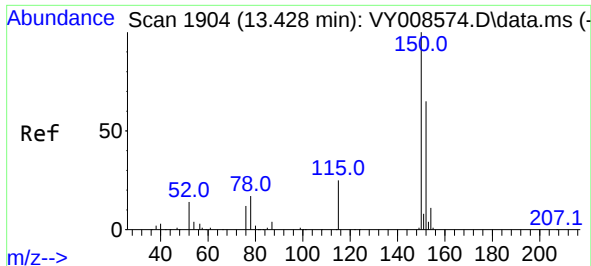
Tgt Ion: 95 Resp: 22864
Ion Ratio Lower Upper
95 100
174 98.9 0.0 177.0
176 96.4 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY008606.D
Acq: 04 May 2022 12:53

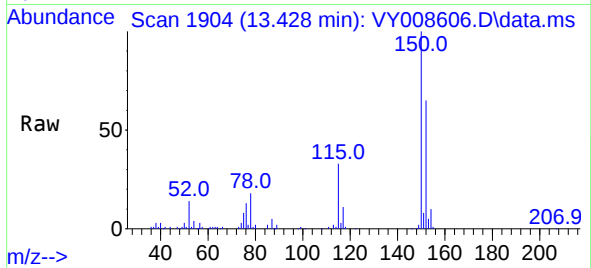
Tgt Ion: 117 Resp: 59865
Ion Ratio Lower Upper
117 100
82 48.0 43.0 64.4
119 30.8 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY008606.D
 Acq: 04 May 2022 12:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-18DRE



Tgt Ion:152 Resp: 26811
 Ion Ratio Lower Upper
 152 100
 115 53.0 28.2 84.7
 150 155.1 0.0 347.6

