

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030922\
 Data File : VY007817.D
 Acq On : 09 Mar 2022 22:11
 Operator : SY/MD
 Sample : N1843-03
 Misc : 6.26g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FS-2

Quant Time: Mar 10 01:06:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 01 09:08:03 2022
 Response via : Initial Calibration

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

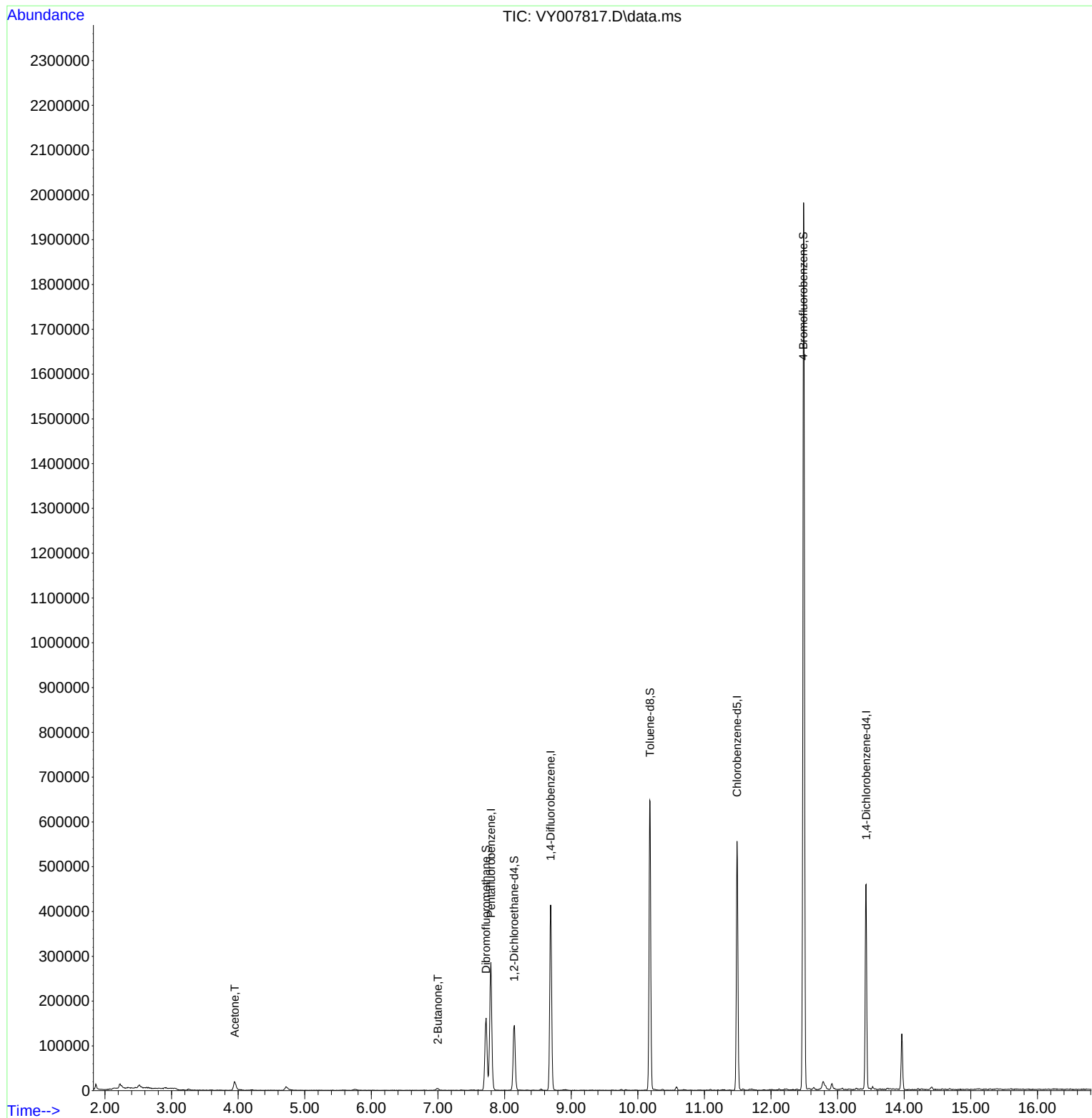
Internal Standards						
1) Pentafluorobenzene	7.795	168	208972	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	345693	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	289804	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	111800	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	109933	50.249	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.500%
35) Dibromofluoromethane	7.722	113	107018	48.422	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.840%
50) Toluene-d8	10.185	98	420273	51.659	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.320%
62) 4-Bromofluorobenzene	12.483	95	119954	45.741	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.480%
Target Compounds						
16) Acetone	3.948	43	32228	72.415	ug/l	92
25) 2-Butanone	6.996	43	6227	8.341	ug/l	96

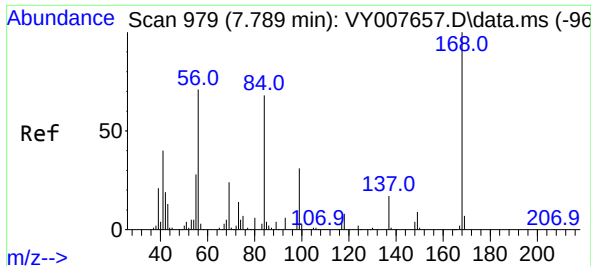
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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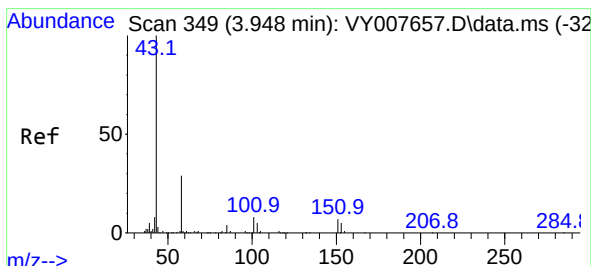
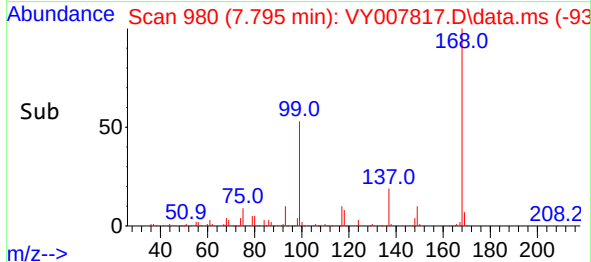
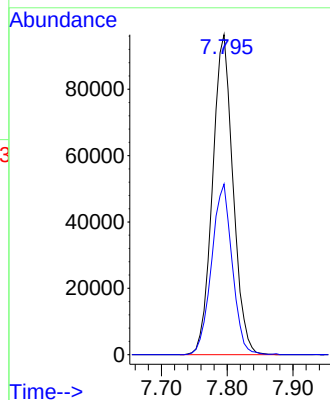
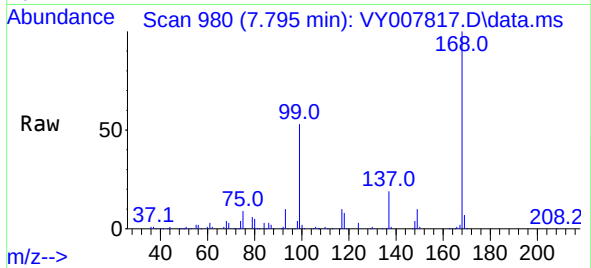




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007817.D
Acq: 09 Mar 2022 22:11

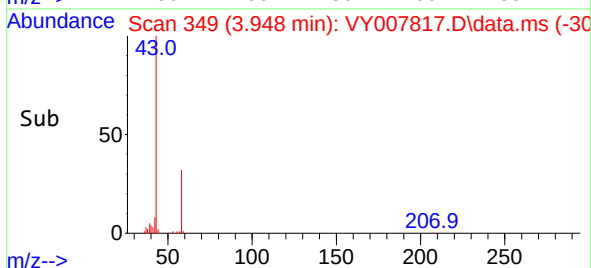
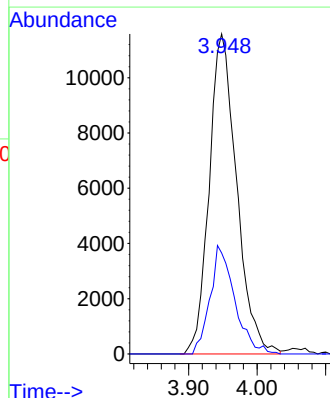
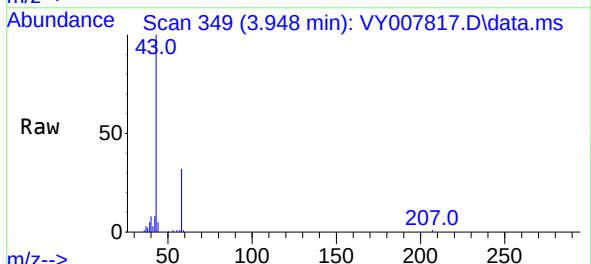
Instrument :
MSVOA_Y
ClientSampleId :
FS-2

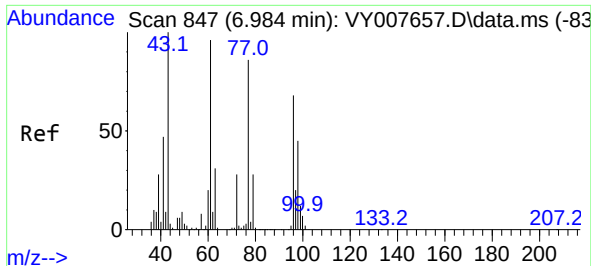
Tgt Ion:168 Resp: 208972
Ion Ratio Lower Upper
168 100
99 53.3 46.9 70.3



#16
Acetone
Concen: 72.415 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY007817.D
Acq: 09 Mar 2022 22:11

Tgt Ion: 43 Resp: 32228
Ion Ratio Lower Upper
43 100
58 31.6 22.0 33.0





#25

2-Butanone

Concen: 8.341 ug/l

RT: 6.996 min Scan# 847

Delta R.T. 0.012 min

Lab File: VY007817.D

Acq: 09 Mar 2022 22:11

Instrument :

MSVOA_Y

ClientSampleId :

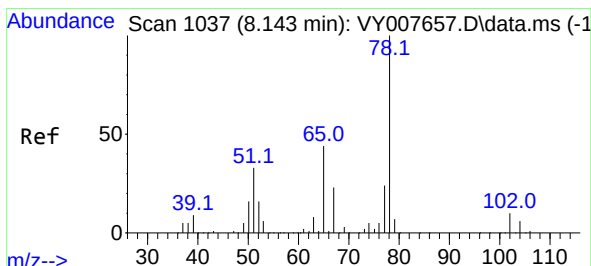
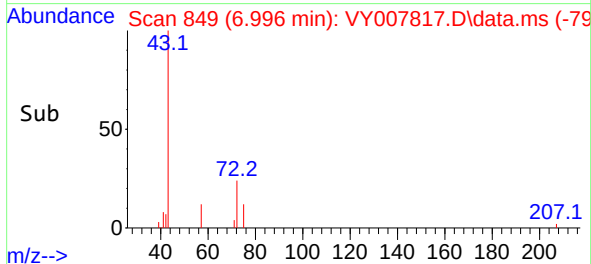
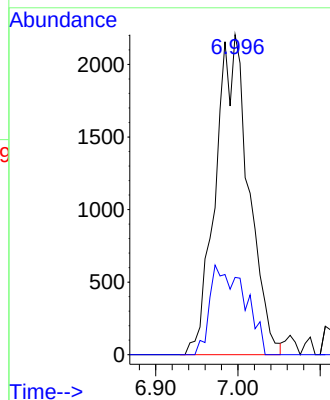
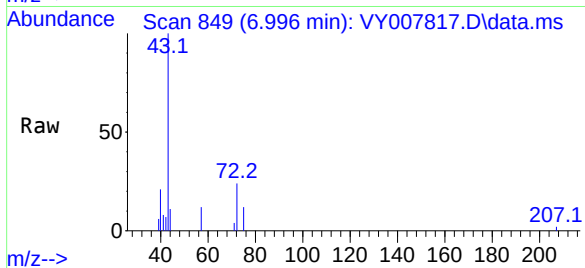
FS-2

Tgt Ion: 43 Resp: 6227

Ion Ratio Lower Upper

43 100

72 24.2 17.7 26.5



#33

1,2-Dichloroethane-d4

Concen: 50.249 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY007817.D

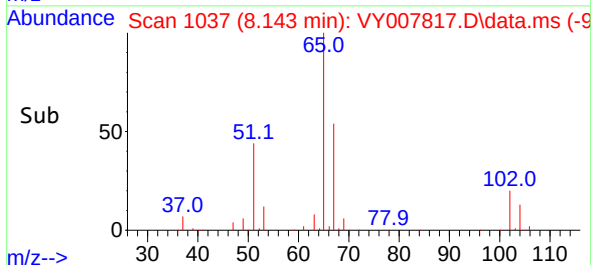
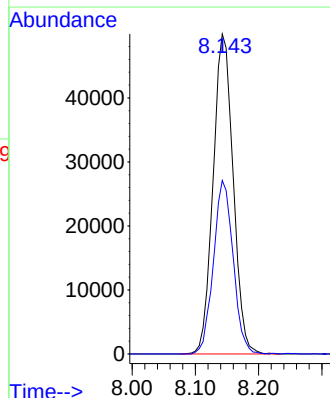
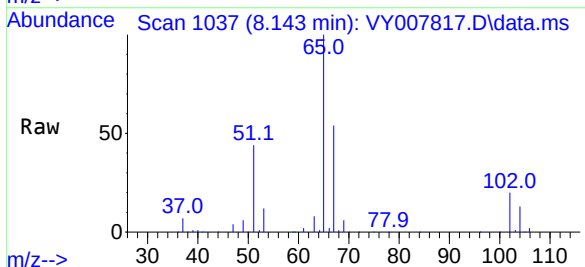
Acq: 09 Mar 2022 22:11

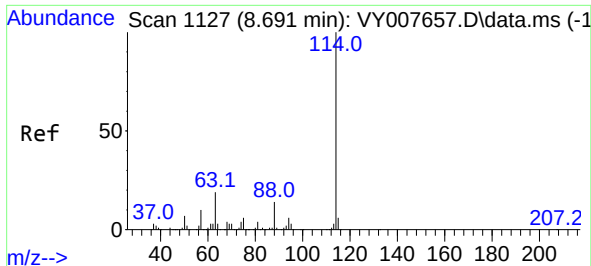
Tgt Ion: 65 Resp: 109933

Ion Ratio Lower Upper

65 100

67 53.2 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: VY007817.D

Acq: 09 Mar 2022 22:11

Instrument :

MSVOA_Y

ClientSampleId :

FS-2

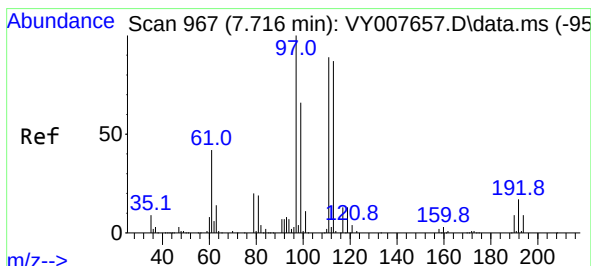
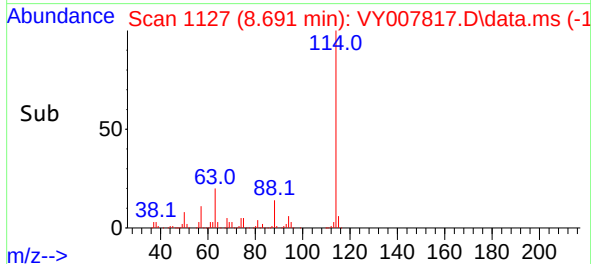
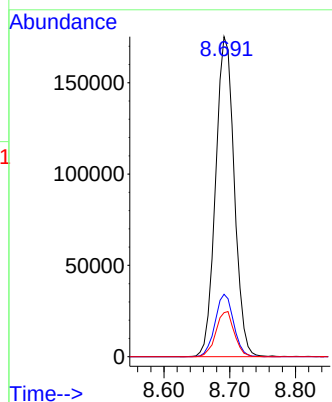
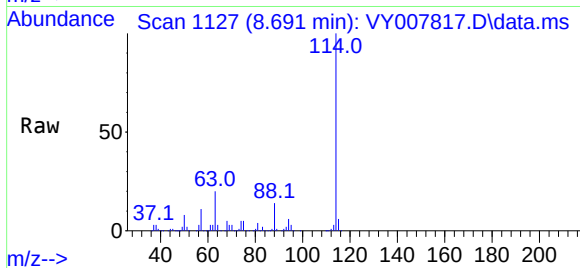
Tgt Ion:114 Resp: 345693

Ion Ratio Lower Upper

114 100

63 19.5 0.0 43.2

88 13.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 48.422 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY007817.D

Acq: 09 Mar 2022 22:11

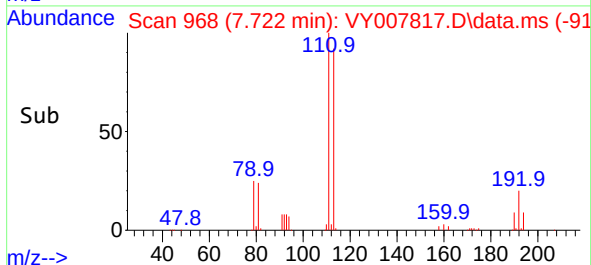
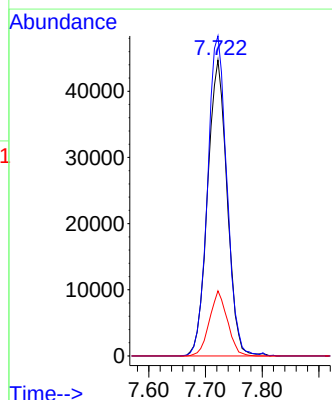
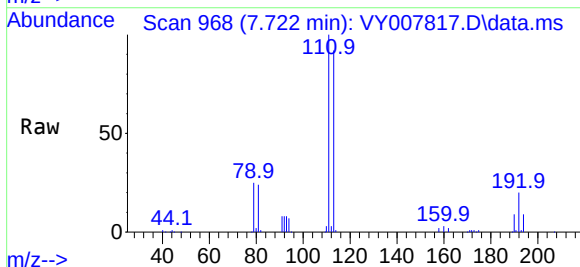
Tgt Ion:113 Resp: 107018

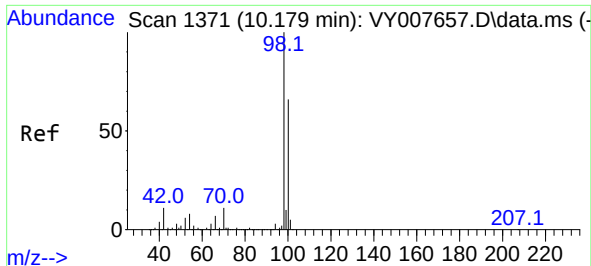
Ion Ratio Lower Upper

113 100

111 106.9 82.6 124.0

192 20.2 17.6 26.4

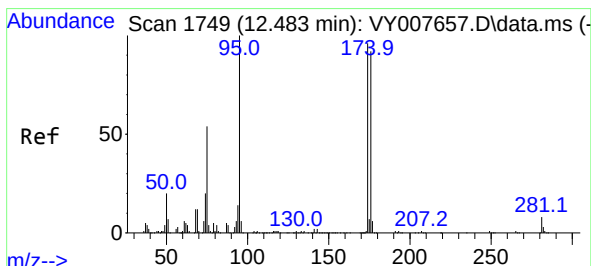
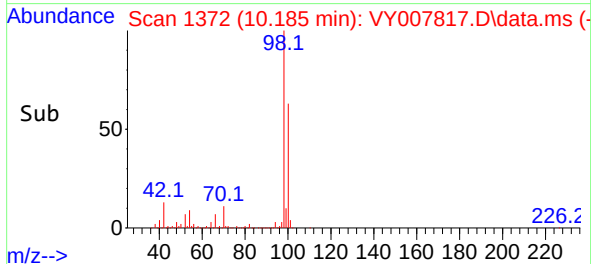
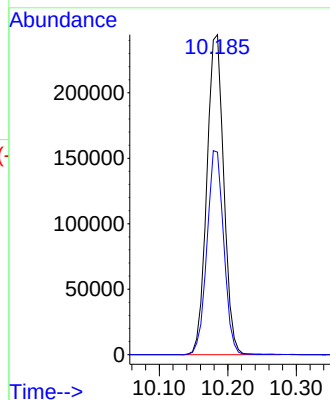
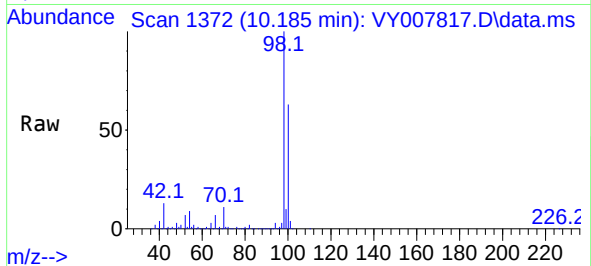




#50
Toluene-d8
Concen: 51.659 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY007817.D
Acq: 09 Mar 2022 22:11

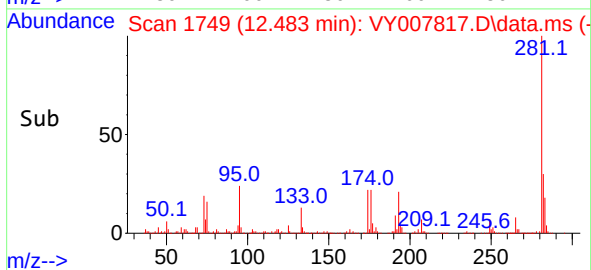
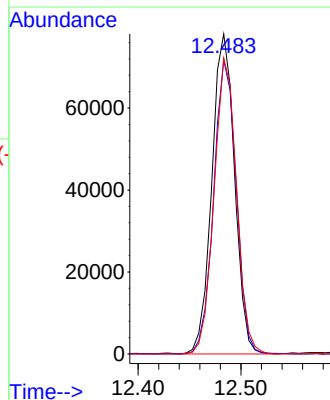
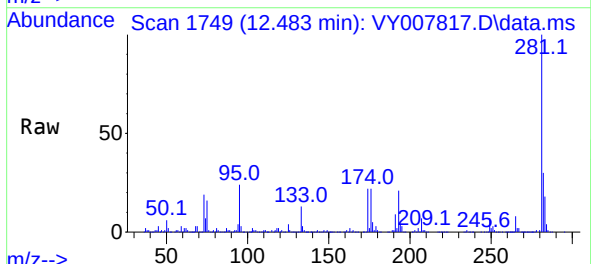
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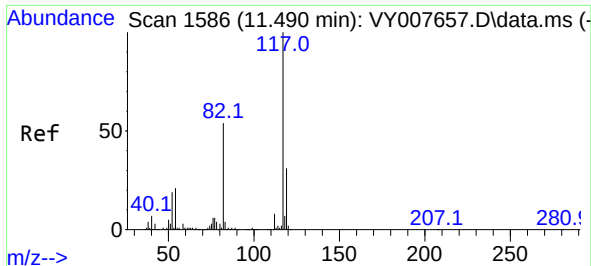
Tgt Ion: 98 Resp: 420273
Ion Ratio Lower Upper
98 100
100 63.3 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 45.741 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007817.D
Acq: 09 Mar 2022 22:11

Tgt Ion: 95 Resp: 119954
Ion Ratio Lower Upper
95 100
174 91.0 0.0 177.0
176 91.1 0.0 175.8

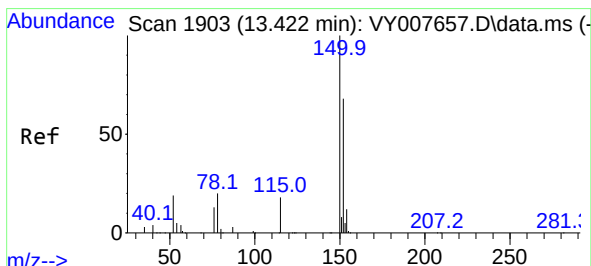
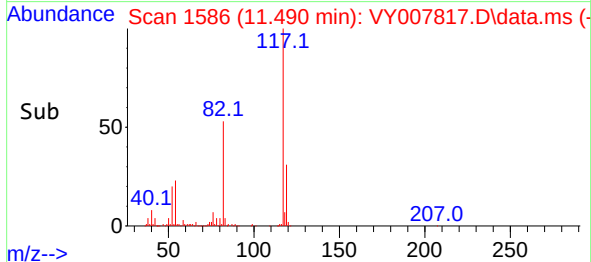
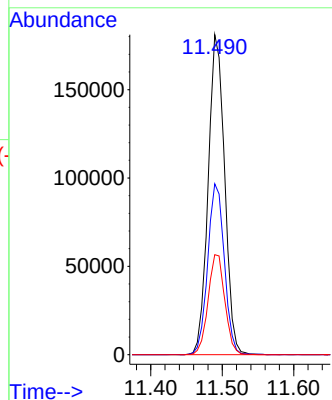
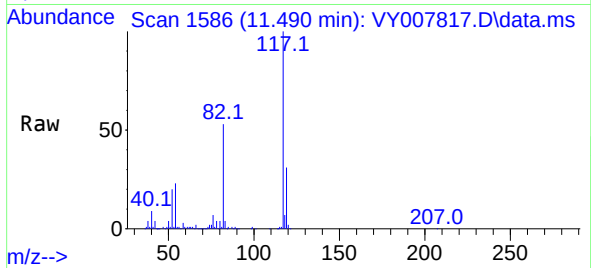




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007817.D
Acq: 09 Mar 2022 22:11

Instrument :
MSVOA_Y
ClientSampleId :
FS-2

Tgt Ion:117 Resp: 289804
Ion Ratio Lower Upper
117 100
82 53.4 43.0 64.4
119 31.3 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY007817.D
Acq: 09 Mar 2022 22:11

Tgt Ion:152 Resp: 111800
Ion Ratio Lower Upper
152 100
115 57.2 28.2 84.7
150 157.2 0.0 347.6

