

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030822\
 Data File : VY007794.D
 Acq On : 08 Mar 2022 20:45
 Operator : SY/MD
 Sample : N1763-09
 Misc : 5.97g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 3-4-SAMPLE-LOCATION-2

Quant Time: Mar 09 00:30:15 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)

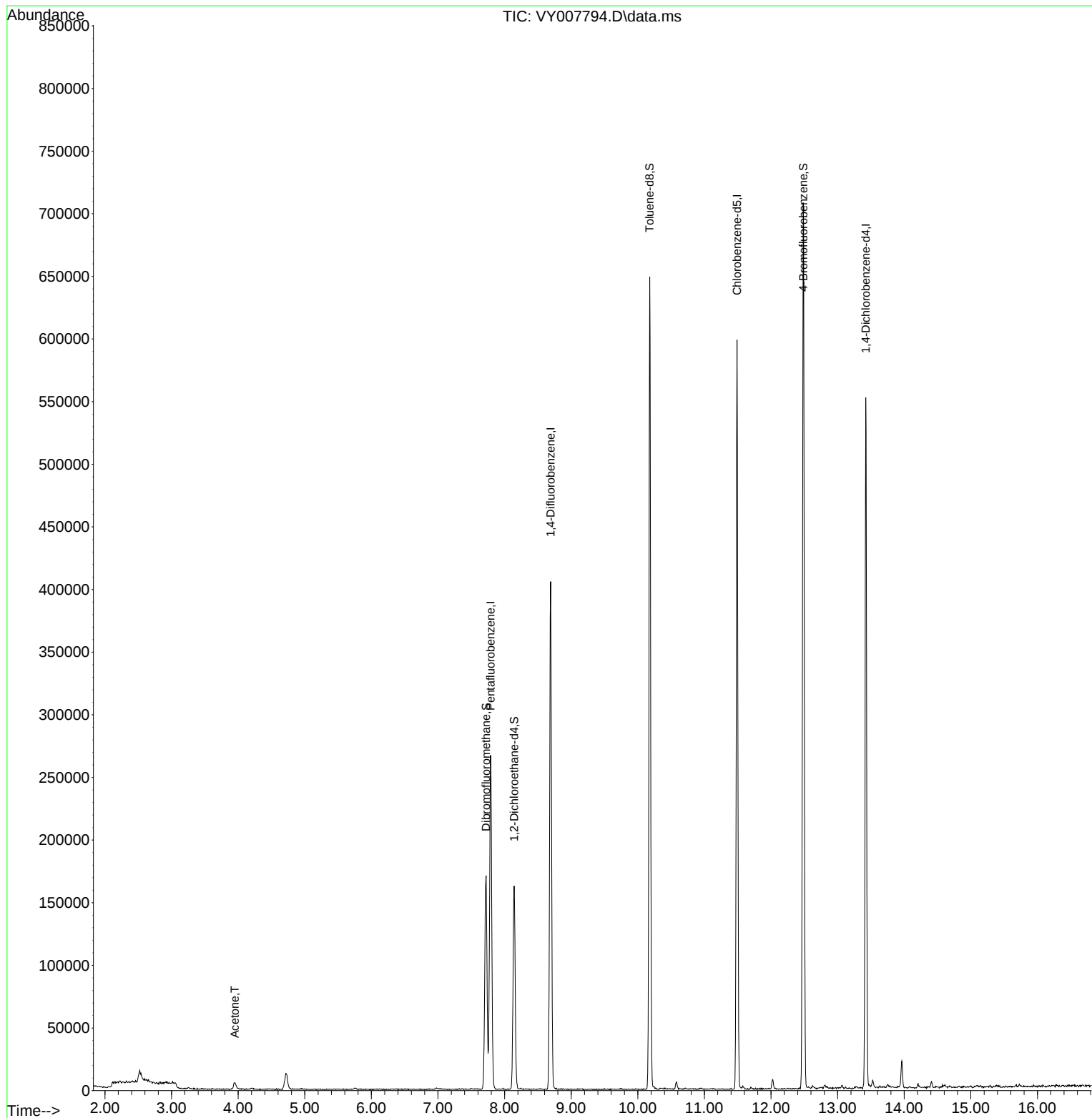
Internal Standards						
1) Pentafluorobenzene	7.789	168	206996	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	348743	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	315416	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	136659	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	123796	57.126	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.260%
35) Dibromofluoromethane	7.722	113	116606	52.299	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.600%
50) Toluene-d8	10.179	98	419273	51.085	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.160%
62) 4-Bromofluorobenzene	12.483	95	123384	46.638	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.280%
Target Compounds						
16) Acetone	3.948	43	9937	22.541	ug/l	Qvalue 98

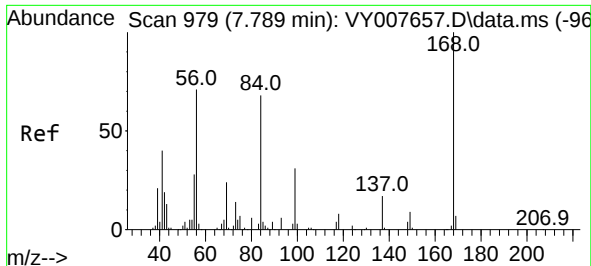
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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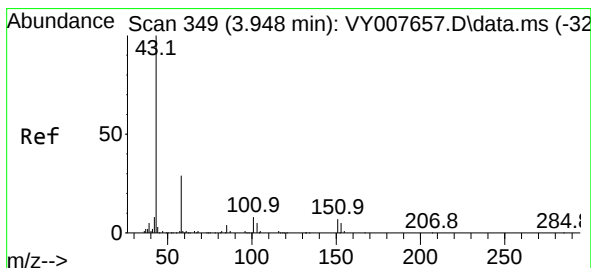
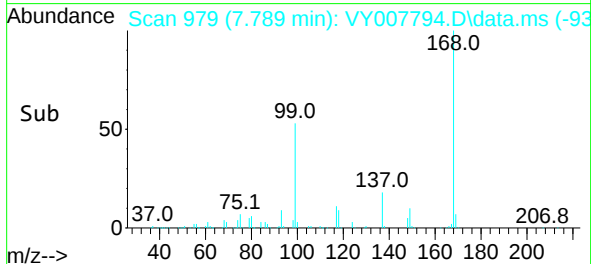
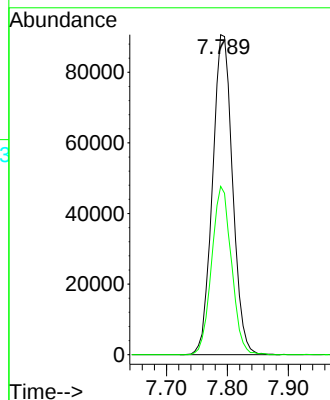
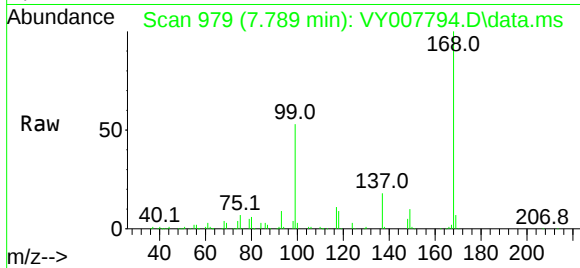




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007794.D
Acq: 08 Mar 2022 20:45

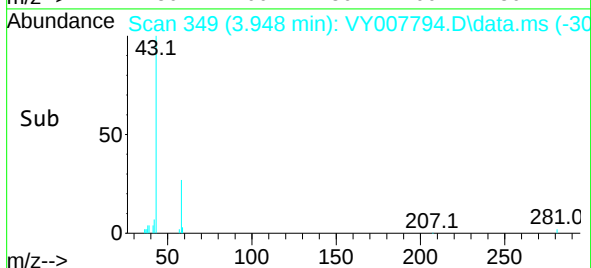
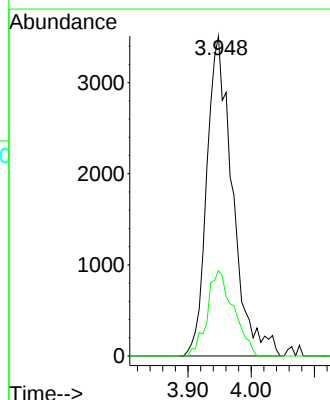
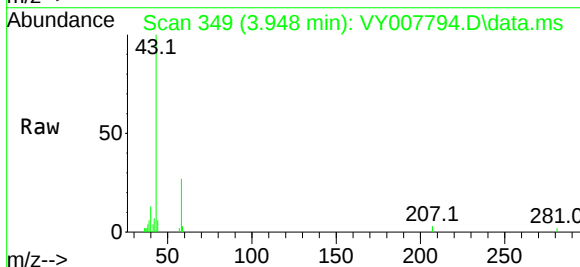
Instrument :
MSVOA_Y
ClientSampleId :
3-4-SAMPLE-LOCATION-2

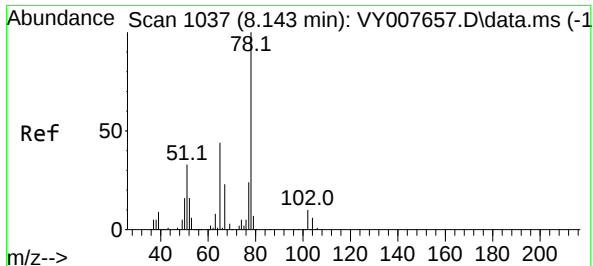
Tgt Ion:168 Resp: 206996
Ion Ratio Lower Upper
168 100
99 52.6 46.9 70.3



#16
Acetone
Concen: 22.541 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY007794.D
Acq: 08 Mar 2022 20:45

Tgt Ion: 43 Resp: 9937
Ion Ratio Lower Upper
43 100
58 26.7 22.0 33.0





#33

1,2-Dichloroethane-d4

Concen: 57.126 ug/l

RT: 8.143 min Scan# 110

Delta R.T. -0.000 min

Lab File: VY007794.D

Acq: 08 Mar 2022 20:45

Instrument :

MSVOA_Y

ClientSampleId :

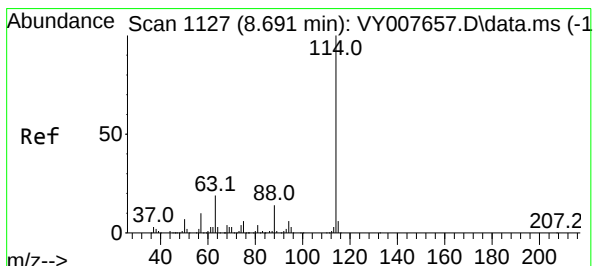
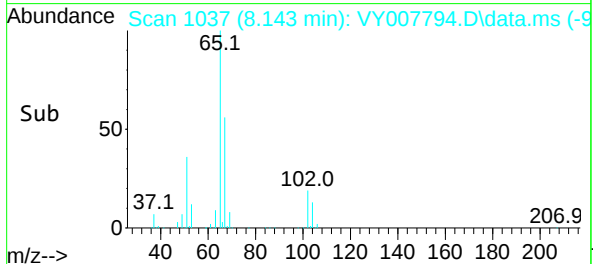
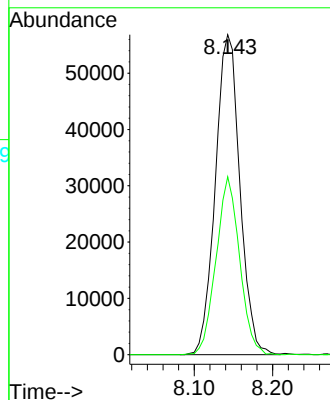
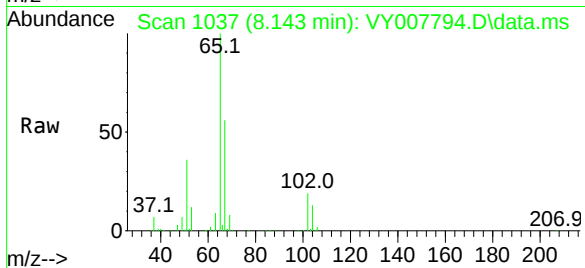
3-4-SAMPLE-LOCATION-2

Tgt Ion: 65 Resp: 123796

Ion Ratio Lower Upper

65 100

67 53.3 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: VY007794.D

Acq: 08 Mar 2022 20:45

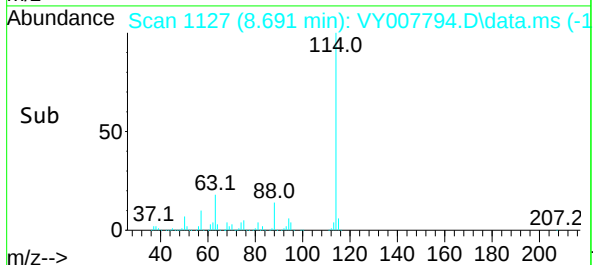
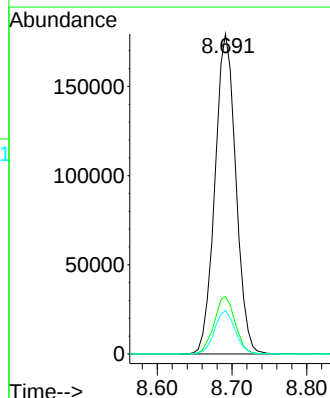
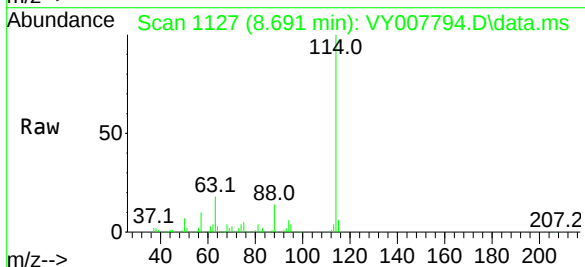
Tgt Ion: 114 Resp: 348743

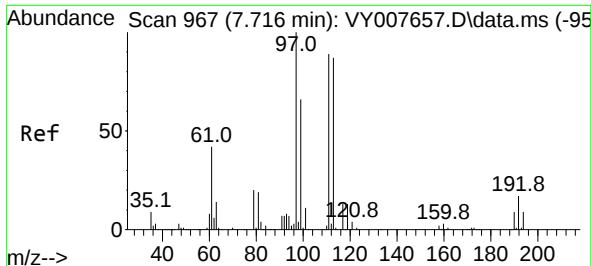
Ion Ratio Lower Upper

114 100

63 18.0 0.0 43.2

88 13.6 0.0 31.8





#35

Dibromofluoromethane

Concen: 52.299 ug/l

RT: 7.722 min Scan# 9

Delta R.T. 0.006 min

Lab File: VY007794.D

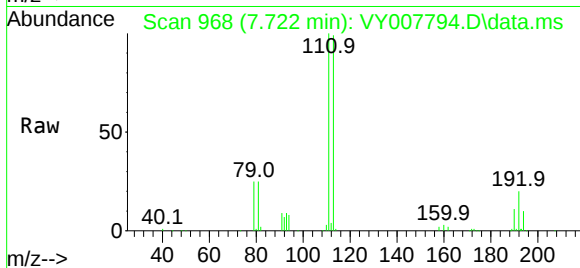
Acq: 08 Mar 2022 20:45

Instrument :

MSVOA_Y

ClientSampleId :

3-4-SAMPLE-LOCATION-2



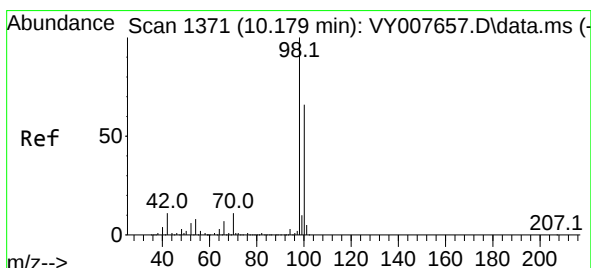
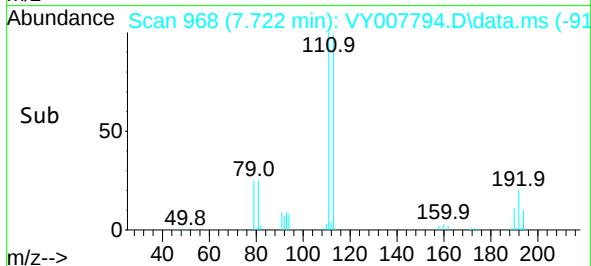
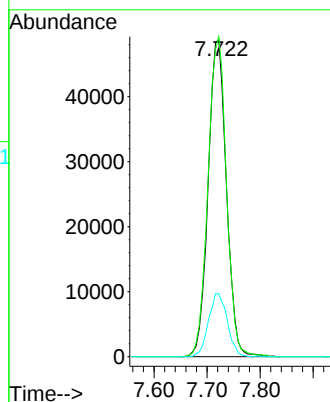
Tgt Ion:113 Resp: 116606

Ion Ratio Lower Upper

113 100

111 102.2 82.6 124.0

192 20.5 17.6 26.4



#50

Toluene-d8

Concen: 51.085 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY007794.D

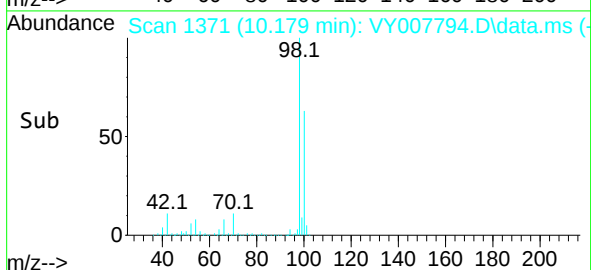
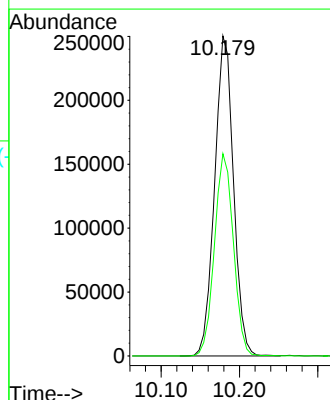
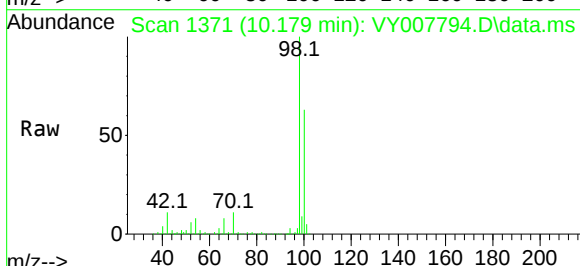
Acq: 08 Mar 2022 20:45

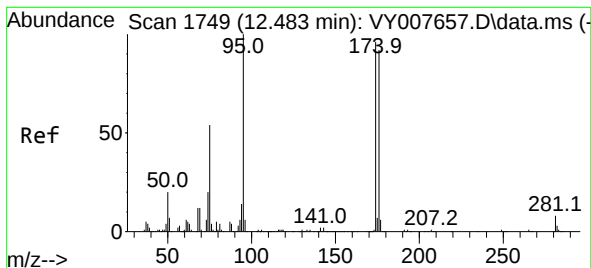
Tgt Ion: 98 Resp: 419273

Ion Ratio Lower Upper

98 100

100 63.5 50.2 75.2

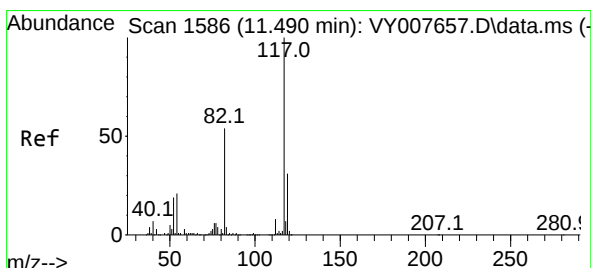
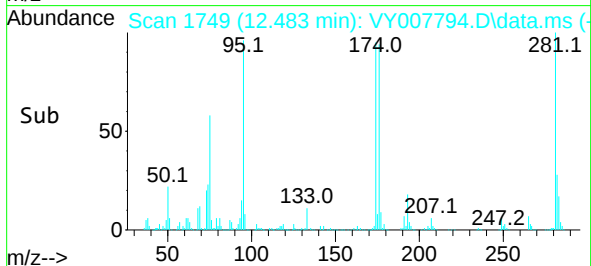
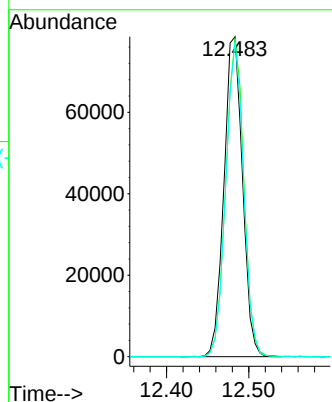
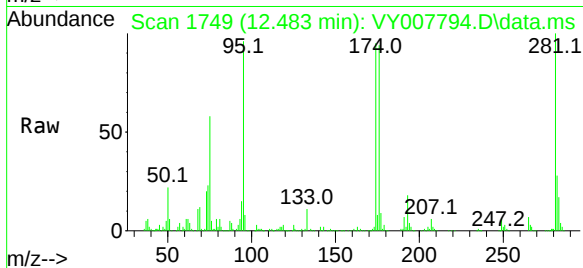




#62
4-Bromofluorobenzene
Concen: 46.638 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007794.D
Acq: 08 Mar 2022 20:45

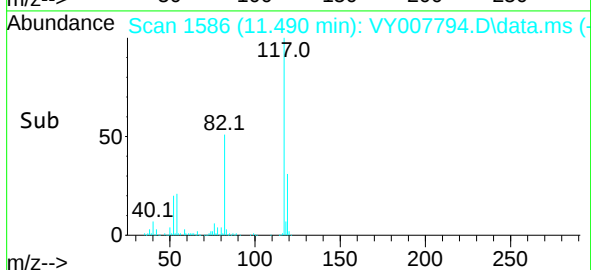
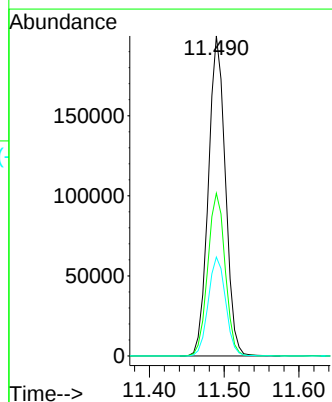
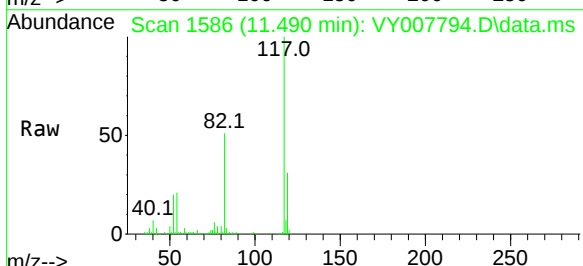
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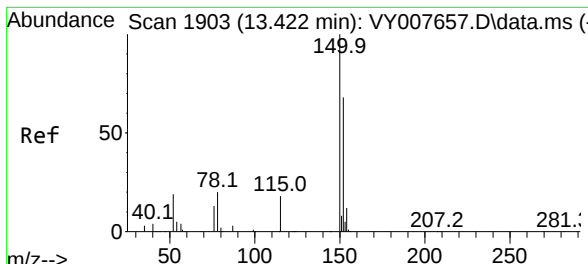
Tgt Ion: 95 Resp: 123384
Ion Ratio Lower Upper
95 100
174 96.6 0.0 177.0
176 94.6 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY007794.D
Acq: 08 Mar 2022 20:45

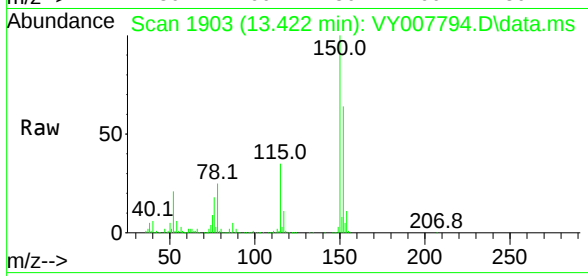
Tgt Ion: 117 Resp: 315416
Ion Ratio Lower Upper
117 100
82 50.9 43.0 64.4
119 30.9 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY007794.D
 Acq: 08 Mar 2022 20:45

Instrument : MSVOA_Y
 ClientSampleId : 3-4-SAMPLE-LOCATION-2



Tgt Ion:	152	Resp:	136659
Ion	Ratio	Lower	Upper
152	100		
115	55.1	28.2	84.7
150	158.5	0.0	347.6

