

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040423\
 Data File : VY013193.D
 Acq On : 04 Apr 2023 16:41
 Operator : KP/MD
 Sample : 02170-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-3-033123

Quant Time: Apr 05 01:20:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y033023S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 03 13:40:57 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	5172	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	8091	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	5909	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	2708	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	3737	67.233	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	134.460%
35) Dibromofluoromethane	7.716	113	3198	60.504	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	121.000%
50) Toluene-d8	10.179	98	8970	44.954	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	89.900%
62) 4-Bromofluorobenzene	12.483	95	2475	38.106	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	76.220%

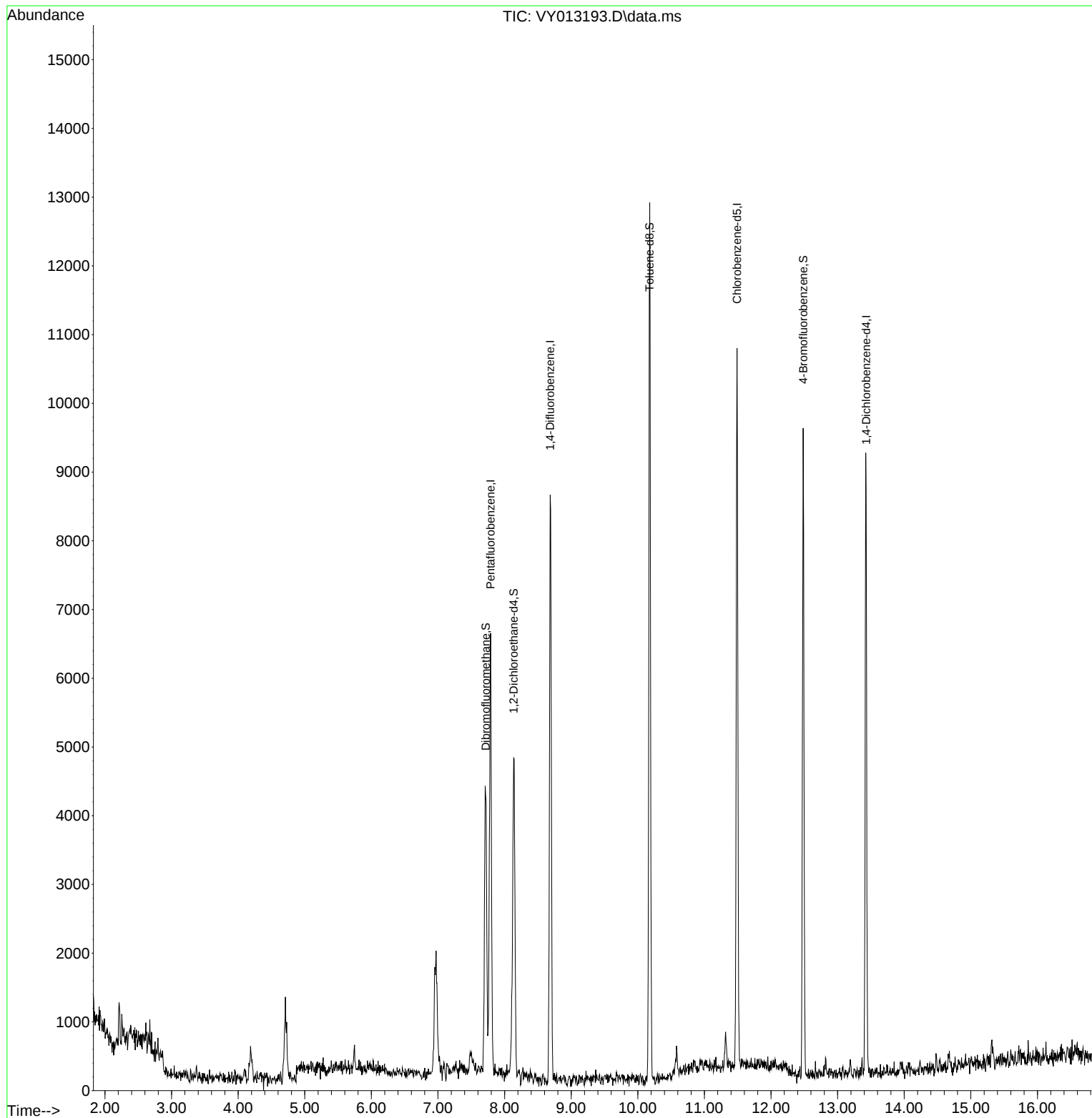
Target Compounds	Qvalue

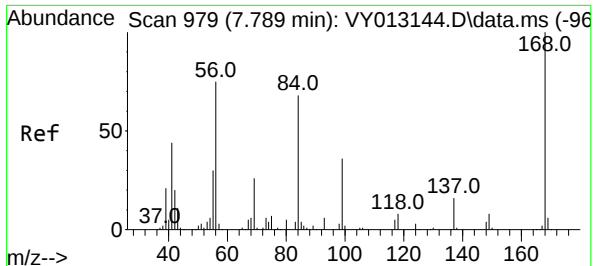
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040423\
Data File : VY013193.D
Acq On : 04 Apr 2023 16:41
Operator : KP/MD
Sample : 02170-01
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EO-3-033123

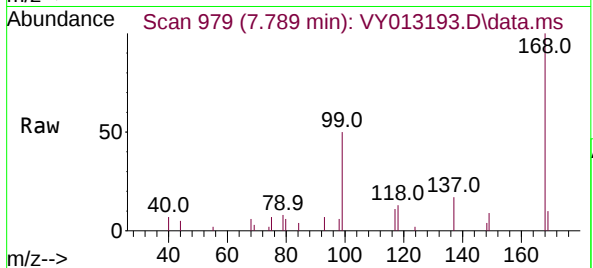
Quant Time: Apr 05 01:20:02 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y033023S.M
Quant Title : SW846 8260
QLast Update : Mon Apr 03 13:40:57 2023
Response via : Initial Calibration



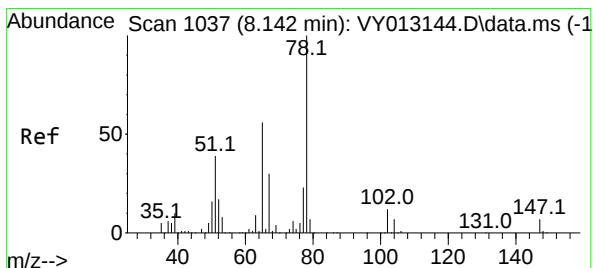
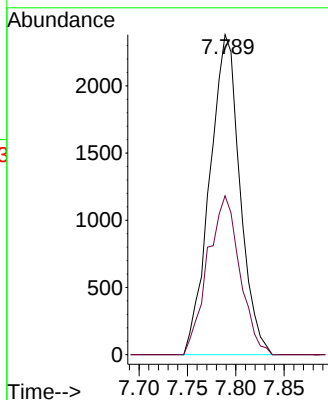
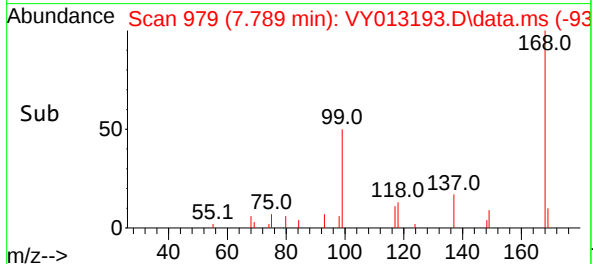


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013193.D
Acq: 04 Apr 2023 16:41

Instrument :
MSVOA_Y
ClientSampleId :
EO-3-033123

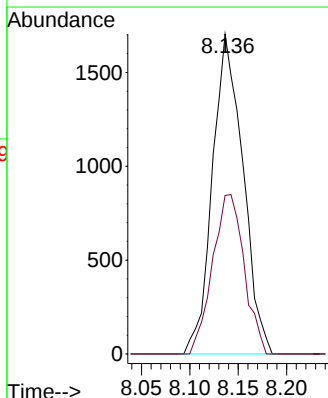
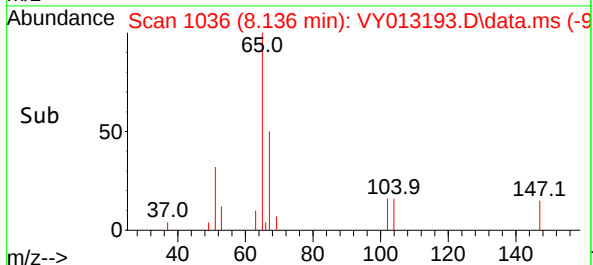
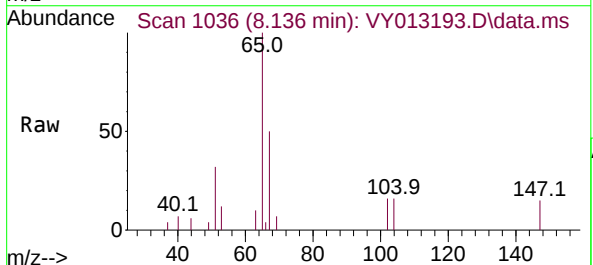


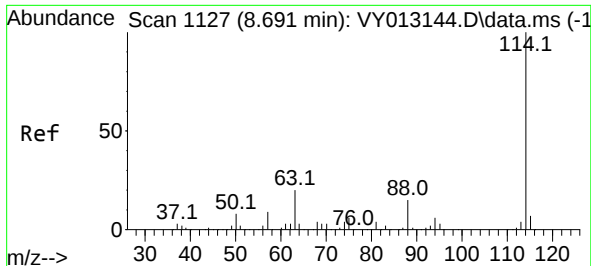
Tgt Ion:168 Resp: 5172
Ion Ratio Lower Upper
168 100
99 49.7 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 67.233 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY013193.D
Acq: 04 Apr 2023 16:41

Tgt Ion: 65 Resp: 3737
Ion Ratio Lower Upper
65 100
67 51.6 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY013193.D

Acq: 04 Apr 2023 16:41

Instrument :

MSVOA_Y

ClientSampleId :

EO-3-033123

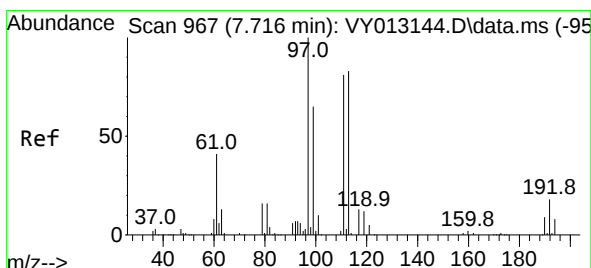
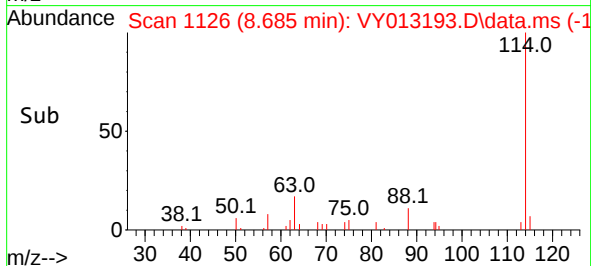
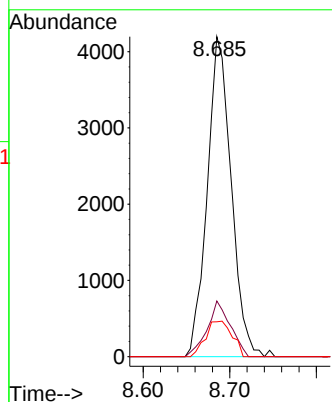
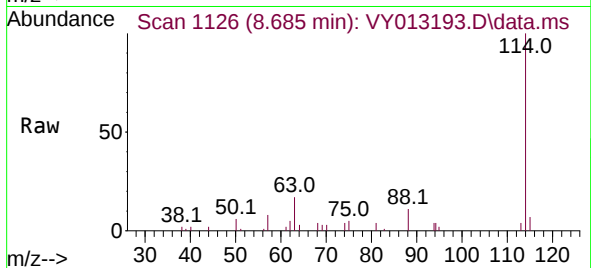
Tgt Ion:114 Resp: 8091

Ion Ratio Lower Upper

114 100

63 17.4 0.0 37.4

88 10.9 0.0 28.6



#35

Dibromofluoromethane

Concen: 60.504 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY013193.D

Acq: 04 Apr 2023 16:41

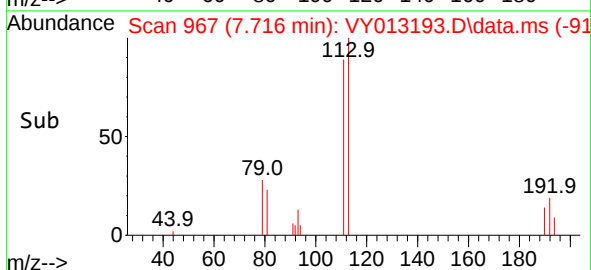
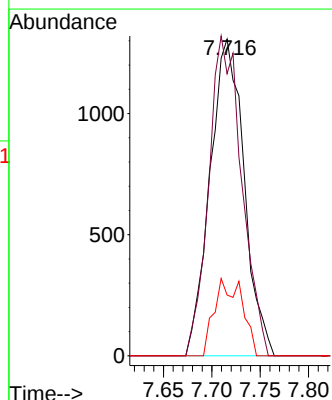
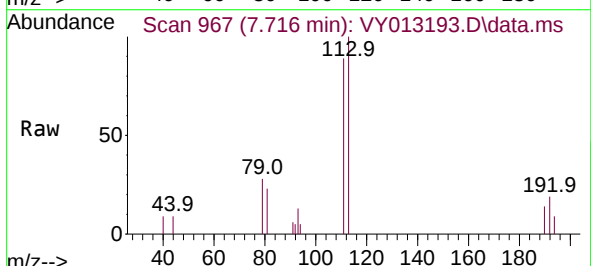
Tgt Ion:113 Resp: 3198

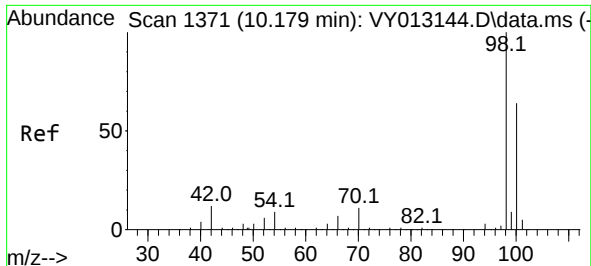
Ion Ratio Lower Upper

113 100

111 98.0 82.2 123.2

192 19.8 16.8 25.2

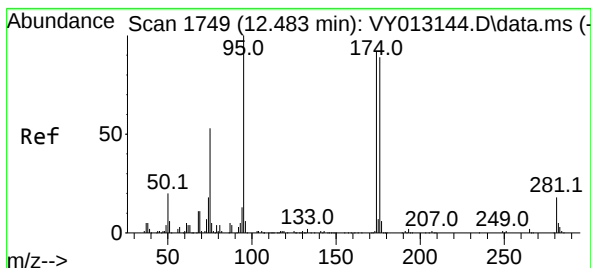
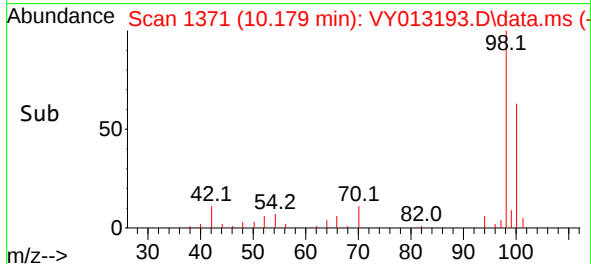
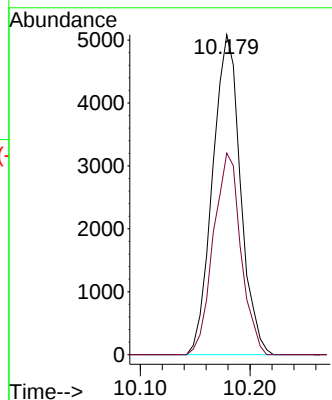
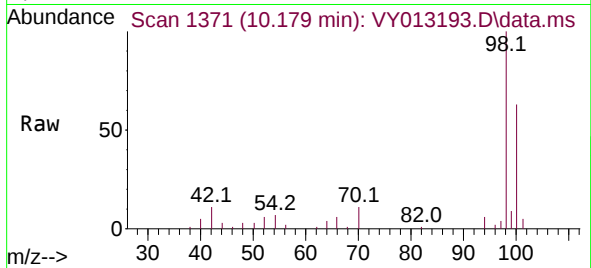




#50
Toluene-d8
Concen: 44.954 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013193.D
Acq: 04 Apr 2023 16:41

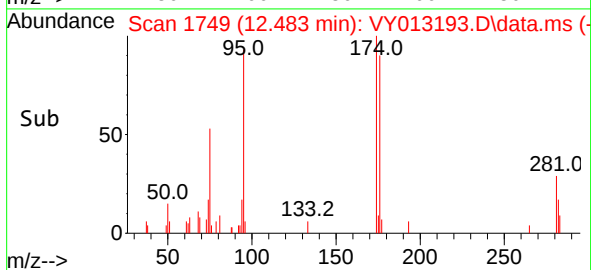
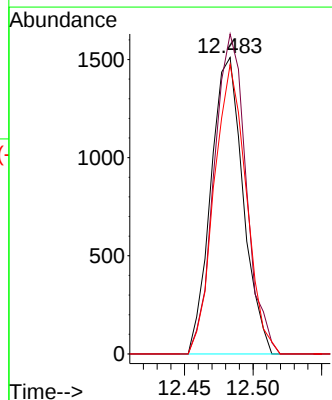
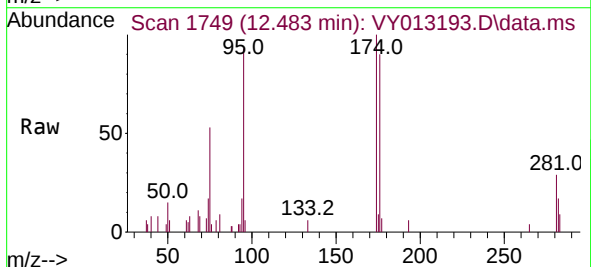
Instrument :
MSVOA_Y
ClientSampleId :
EO-3-033123

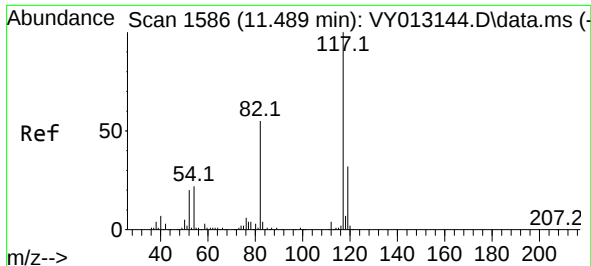
Tgt Ion: 98 Resp: 8970
Ion Ratio Lower Upper
98 100
100 62.2 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 38.106 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY013193.D
Acq: 04 Apr 2023 16:41

Tgt Ion: 95 Resp: 2475
Ion Ratio Lower Upper
95 100
174 107.0 0.0 176.6
176 96.8 0.0 170.2

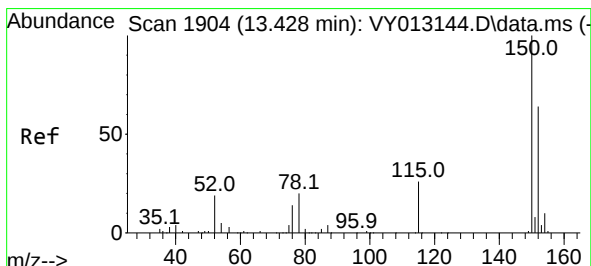
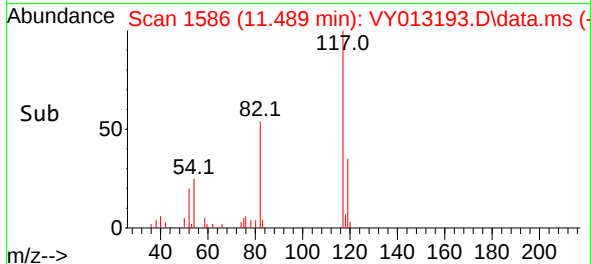
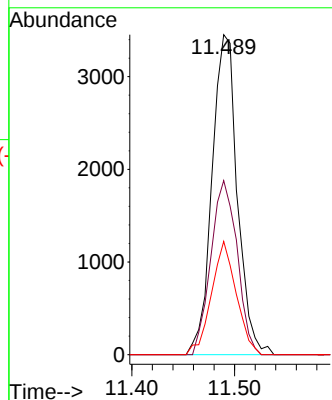
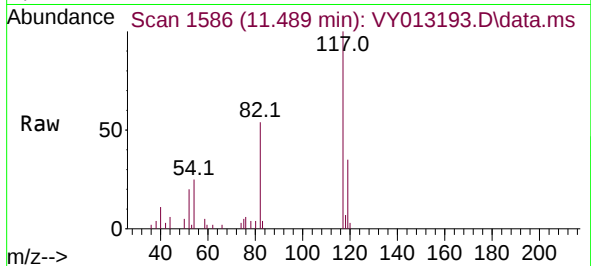




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY013193.D
Acq: 04 Apr 2023 16:41

Instrument :
MSVOA_Y
ClientSampleId :
EO-3-033123

Tgt Ion:	117	Resp:	5909
Ion Ratio	Lower	Upper	
117	100		
82	54.4	45.4	68.0
119	35.4	25.6	38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY013193.D
Acq: 04 Apr 2023 16:41

Tgt Ion:	152	Resp:	2708
Ion Ratio	Lower	Upper	
152	100		
115	55.7	27.1	81.3
150	158.7	0.0	347.8

