

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100422\
 Data File : VY010787.D
 Acq On : 04 Oct 2022 12:09
 Operator : KP/MD
 Sample : N4936-02RE
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SASP2-T-2-(10-16)RE

Quant Time: Oct 05 07:26:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 07:26:22 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	11703	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	17689	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	16196	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	6459	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	5971	50.335	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.680%
35) Dibromofluoromethane	7.722	113	4354	37.080	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	74.160%
50) Toluene-d8	10.179	98	15415	38.387	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	76.780%
62) 4-Bromofluorobenzene	12.483	95	4957	30.134	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	60.260%

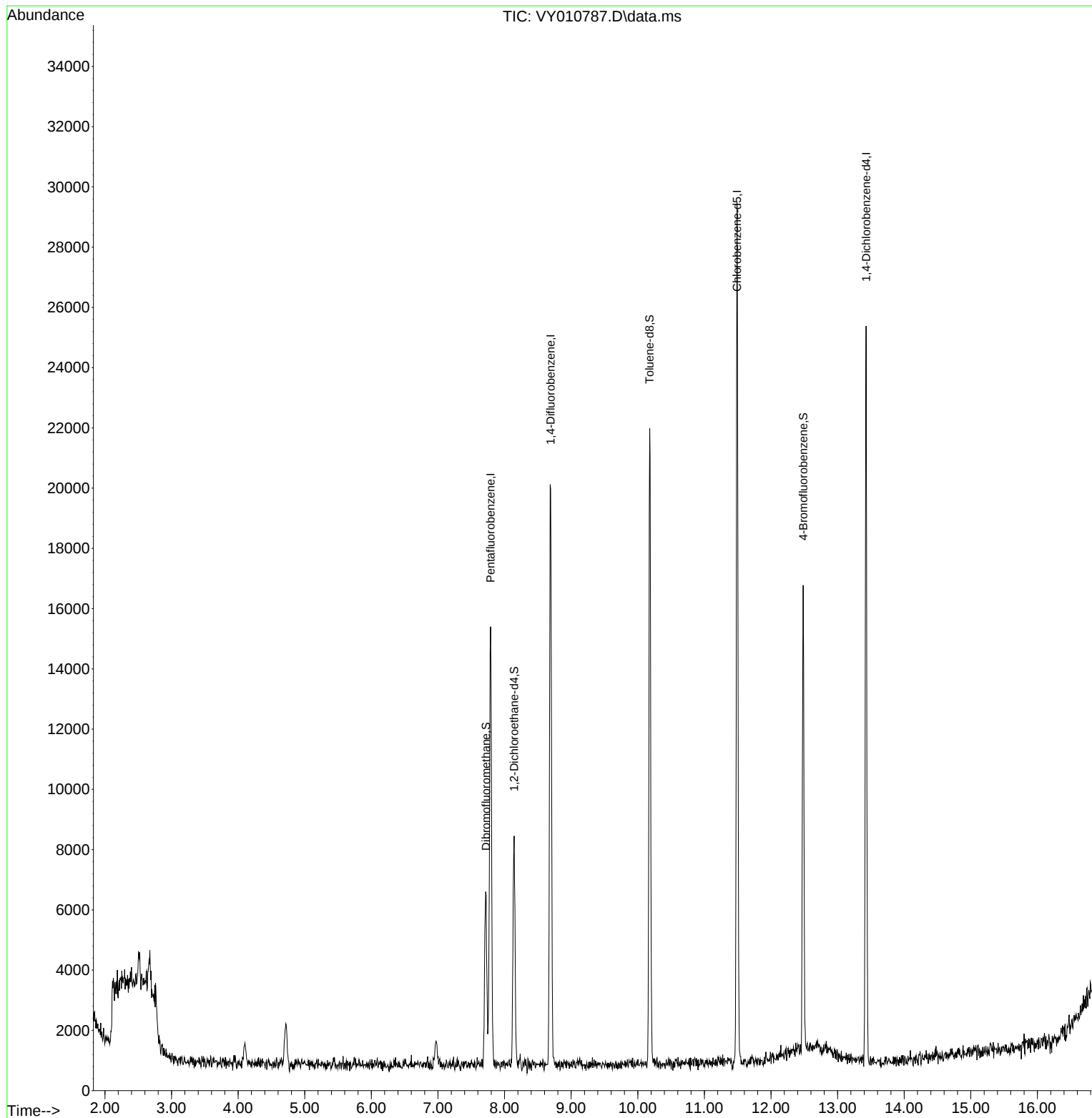
Target Compounds	Qvalue

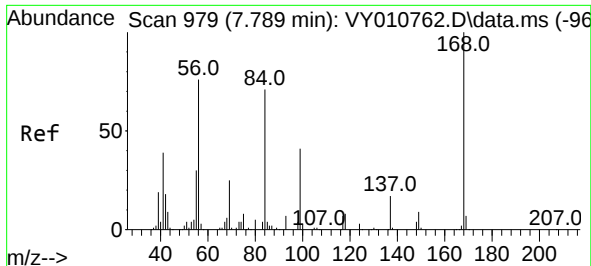
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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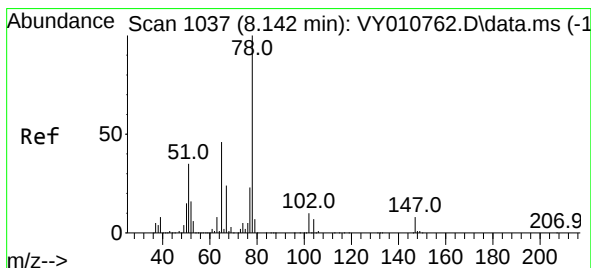
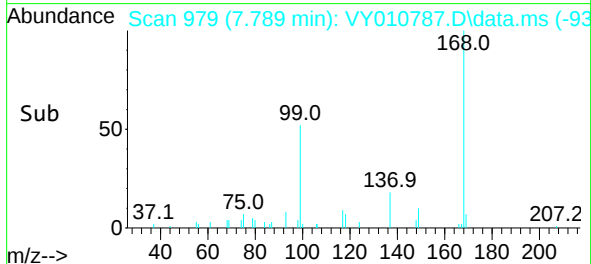
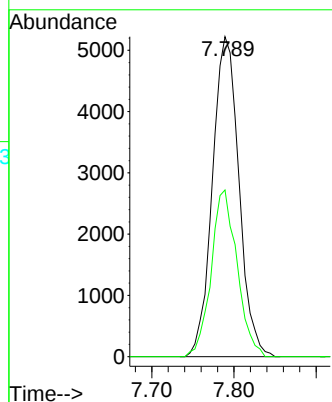
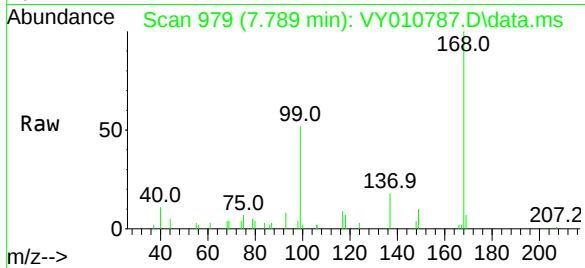




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY010787.D
Acq: 04 Oct 2022 12:09

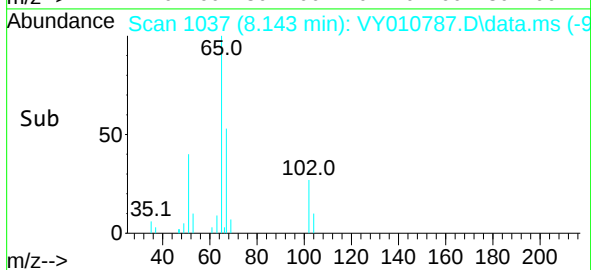
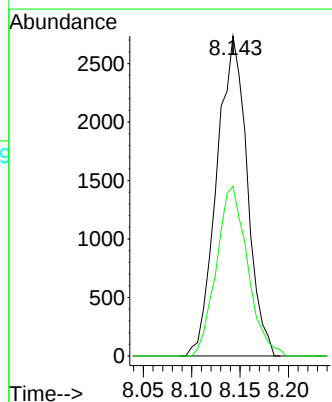
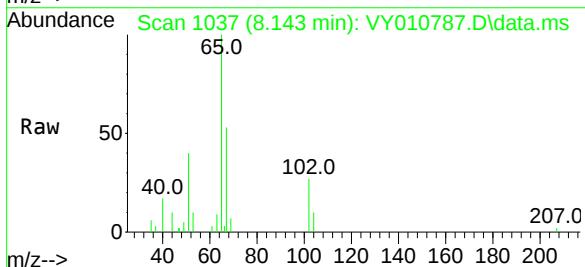
Instrument :
MSVOA_Y
ClientSampleId :
SASP2-T-2-(10-16)RE

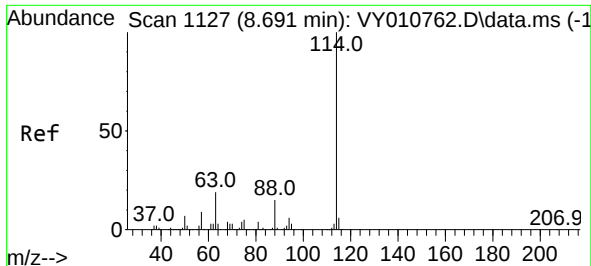
Tgt Ion:168 Resp: 11703
Ion Ratio Lower Upper
168 100
99 52.1 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 50.335 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY010787.D
Acq: 04 Oct 2022 12:09

Tgt Ion: 65 Resp: 5971
Ion Ratio Lower Upper
65 100
67 54.4 0.0 99.4

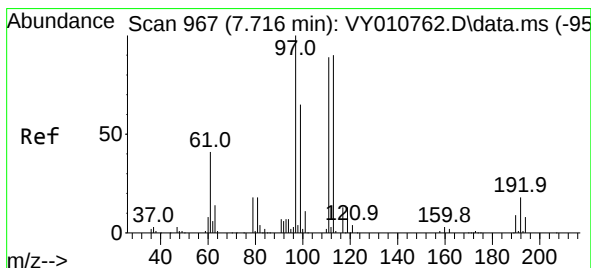
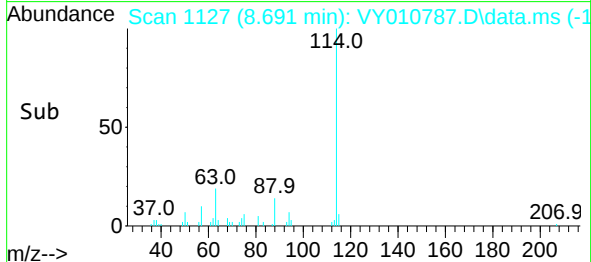
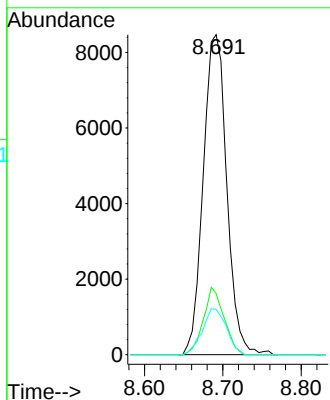
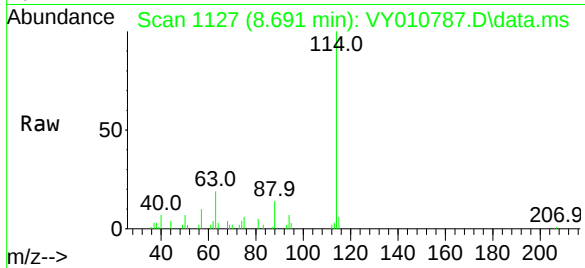




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY010787.D
Acq: 04 Oct 2022 12:09

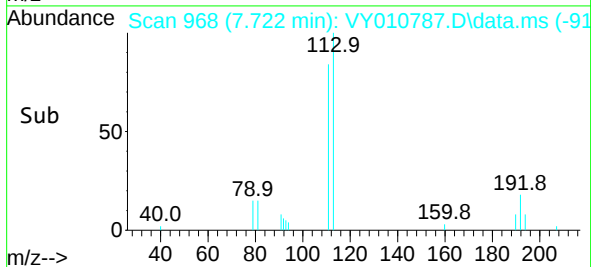
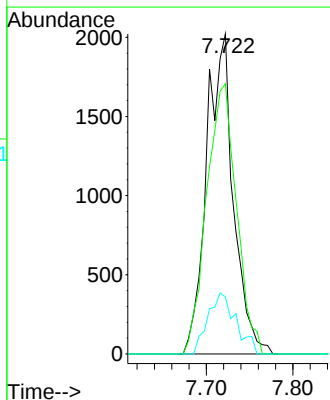
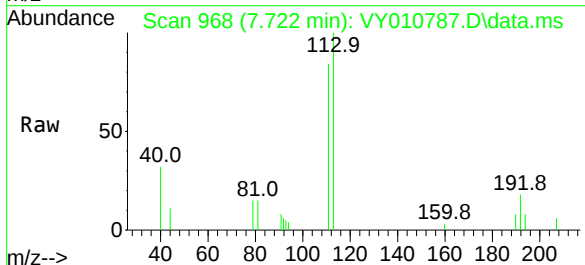
Instrument :
MSVOA_Y
ClientSampleId :
SASP2-T-2-(10-16)RE

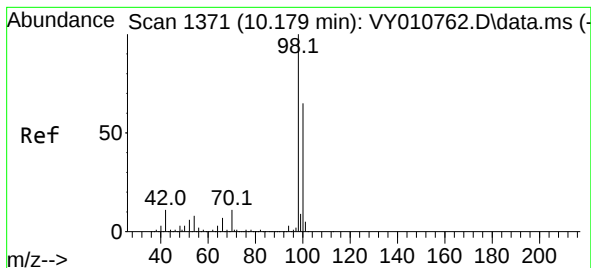
Tgt Ion:	114	Resp:	17689
Ion Ratio	Lower	Upper	
114	100		
63	19.1	0.0	43.2
88	14.2	0.0	31.8



#35
Dibromofluoromethane
Concen: 37.080 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY010787.D
Acq: 04 Oct 2022 12:09

Tgt Ion:	113	Resp:	4354
Ion Ratio	Lower	Upper	
113	100		
111	93.8	82.6	124.0
192	19.8	17.6	26.4





#50

Toluene-d8

Concen: 38.387 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY010787.D

Acq: 04 Oct 2022 12:09

Instrument :

MSVOA_Y

ClientSampleId :

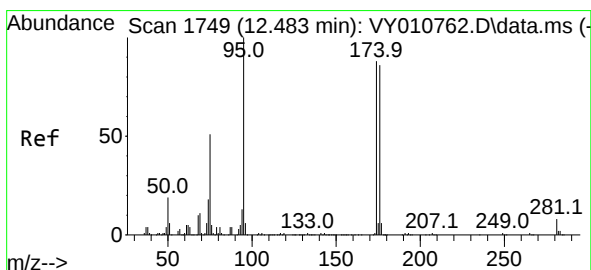
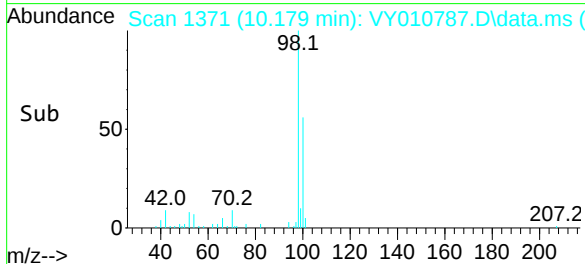
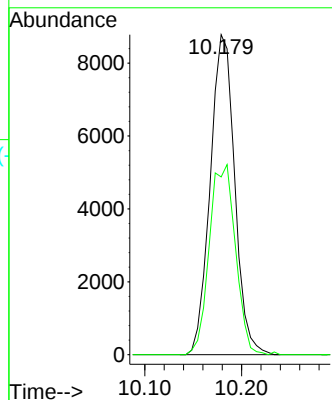
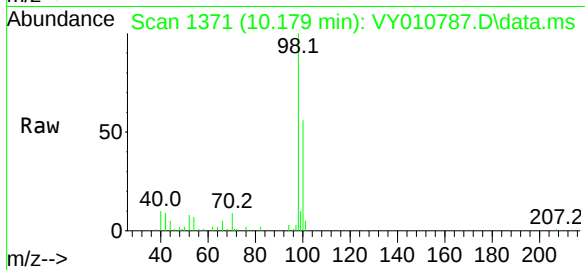
SASP2-T-2-(10-16)RE

Tgt Ion: 98 Resp: 15415

Ion Ratio Lower Upper

98 100

100 63.4 50.2 75.2



#62

4-Bromofluorobenzene

Concen: 30.134 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY010787.D

Acq: 04 Oct 2022 12:09

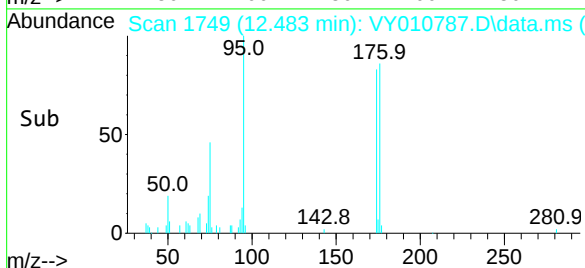
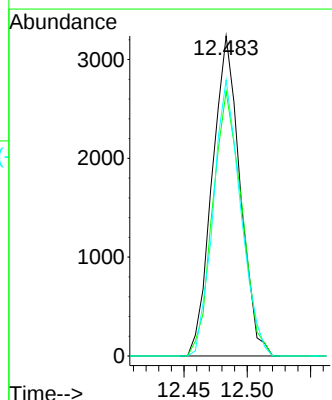
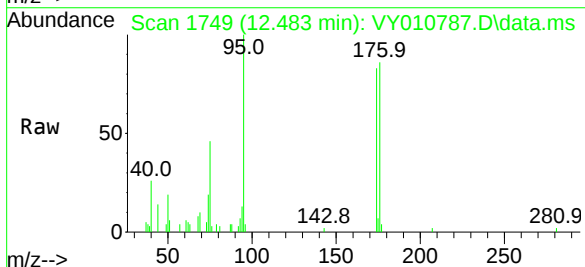
Tgt Ion: 95 Resp: 4957

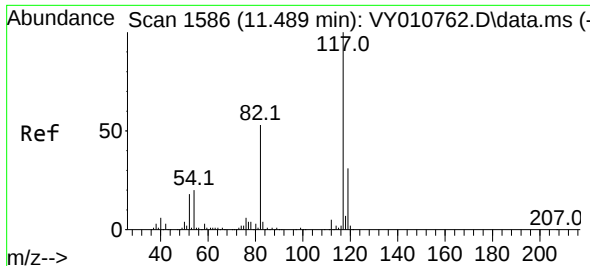
Ion Ratio Lower Upper

95 100

174 85.6 0.0 177.0

176 85.0 0.0 175.8

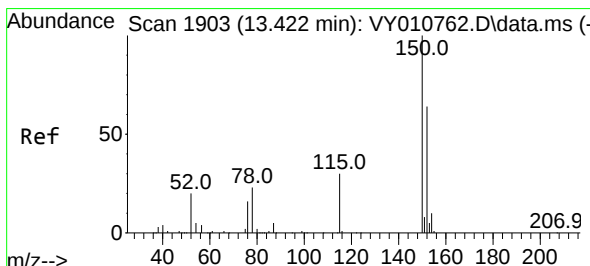
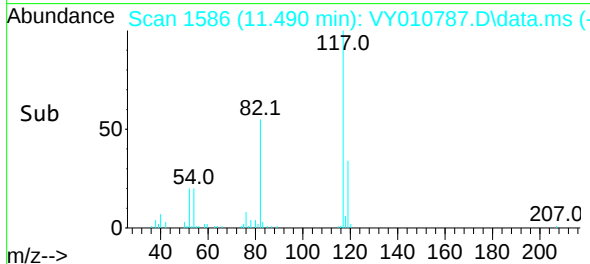
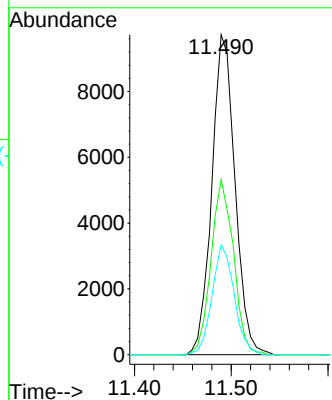
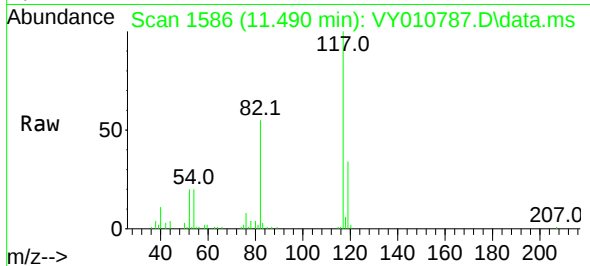




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY010787.D
Acq: 04 Oct 2022 12:09

Instrument :
MSVOA_Y
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Tgt Ion:	117	Resp:	16196
Ion	Ratio	Lower	Upper
117	100		
82	54.7	43.0	64.4
119	34.3	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: VY010787.D
Acq: 04 Oct 2022 12:09

Tgt Ion:	152	Resp:	6459
Ion	Ratio	Lower	Upper
152	100		
115	60.1	28.2	84.7
150	154.5	0.0	347.6

