

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040722\
 Data File : VY008248.D
 Acq On : 07 Apr 2022 15:47
 Operator : KP/MD
 Sample : N2272-05
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-3

Quant Time: Apr 08 02:35:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 26 03:24:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	22580	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	38845	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	35816	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	14623	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	13409	59.189	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.380%
35) Dibromofluoromethane	7.716	113	12957	53.201	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.400%
50) Toluene-d8	10.179	98	46342	50.505	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.020%
62) 4-Bromofluorobenzene	12.483	95	14471	44.702	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.400%

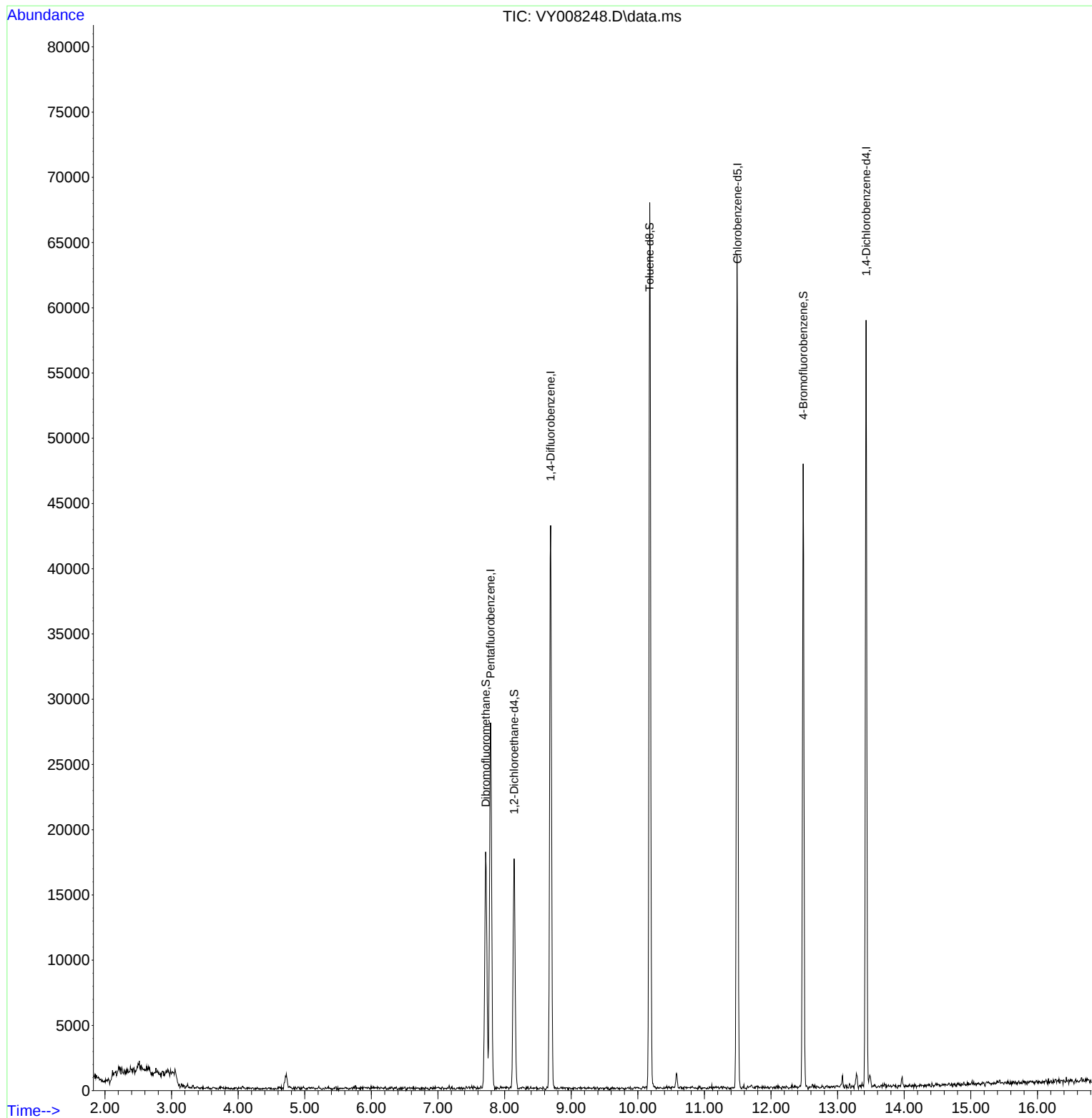
Target Compounds	Qvalue

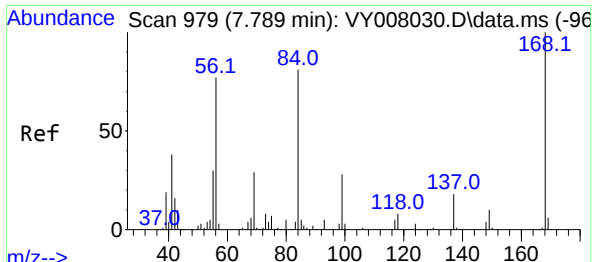
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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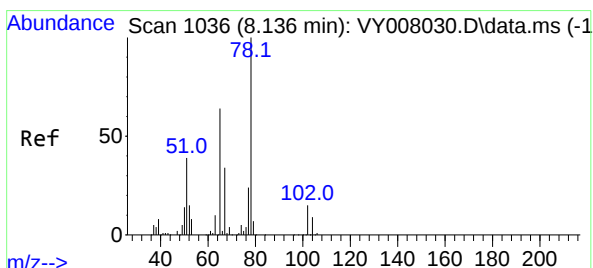
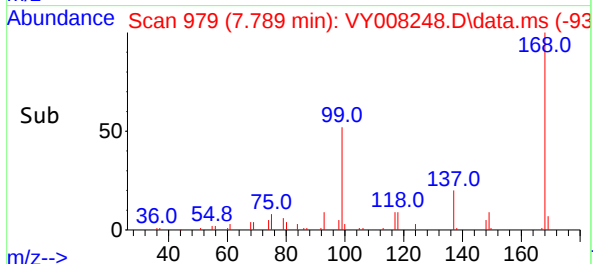
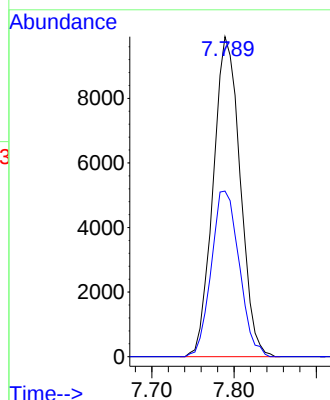
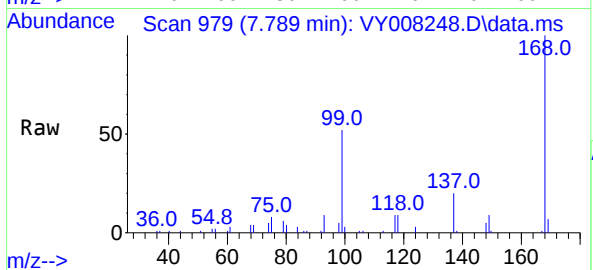




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008248.D
Acq: 07 Apr 2022 15:47

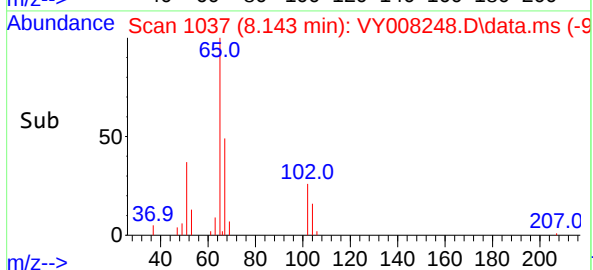
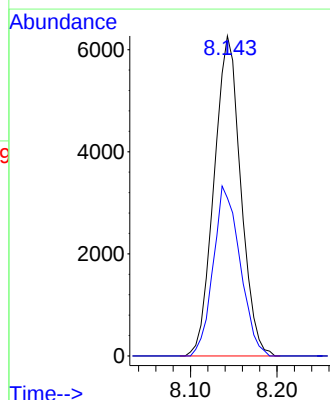
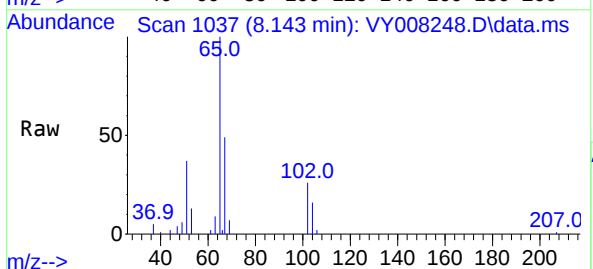
Instrument :
MSVOA_Y
ClientSampleId :
TP-3

Tgt Ion:168 Resp: 22580
Ion Ratio Lower Upper
168 100
99 51.7 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 59.189 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY008248.D
Acq: 07 Apr 2022 15:47

Tgt Ion: 65 Resp: 13409
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# 1126

Delta R.T. 0.006 min

Lab File: VY008248.D

Acq: 07 Apr 2022 15:47

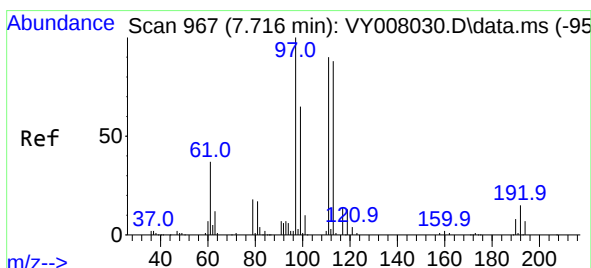
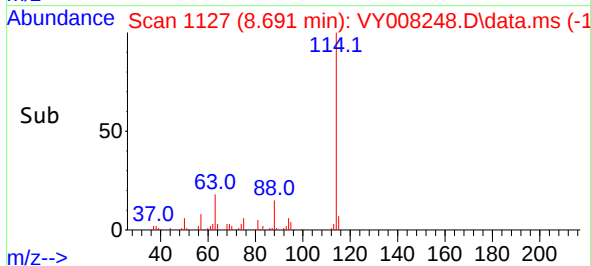
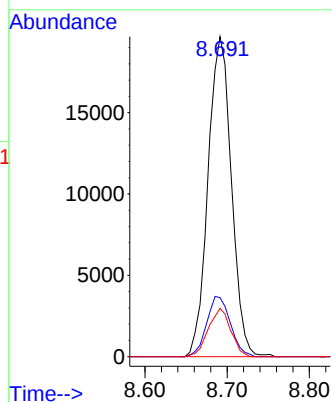
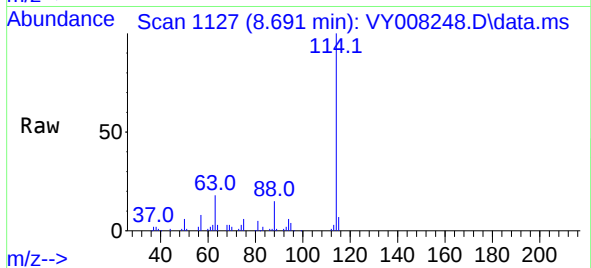
Instrument :

MSVOA_Y

ClientSampleId :

TP-3

Tgt Ion:	114	Resp:	38845
Ion	Ratio	Lower	Upper
114	100		
63	18.4	0.0	43.2
88	15.1	0.0	31.8



#35

Dibromofluoromethane

Concen: 53.201 ug/l

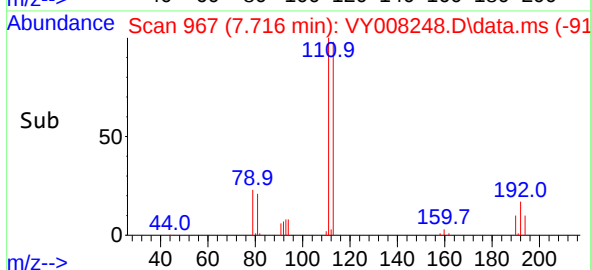
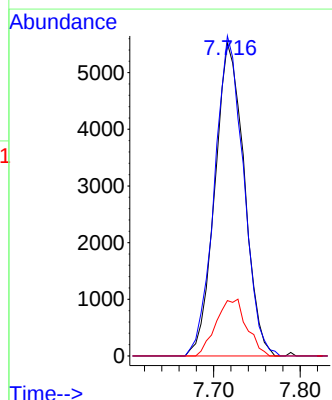
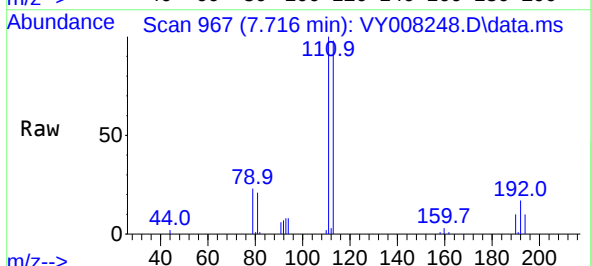
RT: 7.716 min Scan# 967

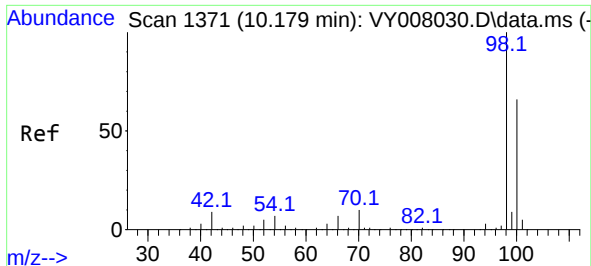
Delta R.T. -0.000 min

Lab File: VY008248.D

Acq: 07 Apr 2022 15:47

Tgt Ion:	113	Resp:	12957
Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.6	124.0
192	18.9	17.6	26.4

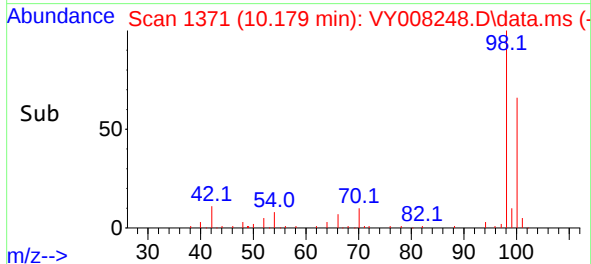
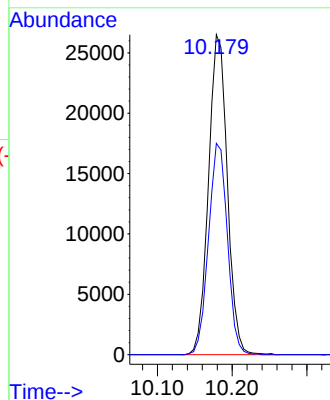
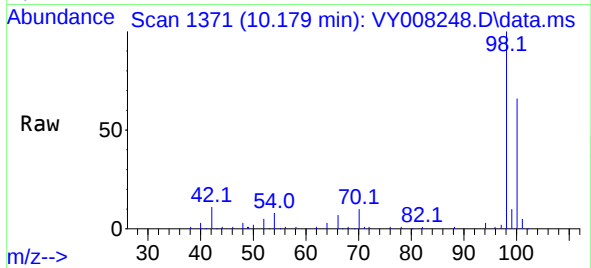




#50
Toluene-d8
Concen: 50.505 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008248.D
Acq: 07 Apr 2022 15:47

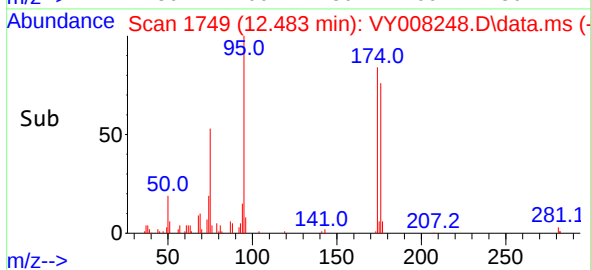
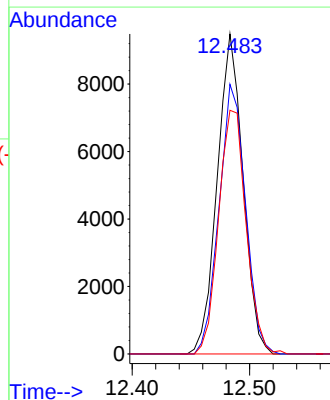
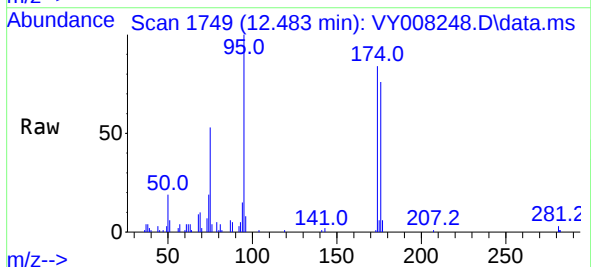
Instrument :
MSVOA_Y
ClientSampleId :
TP-3

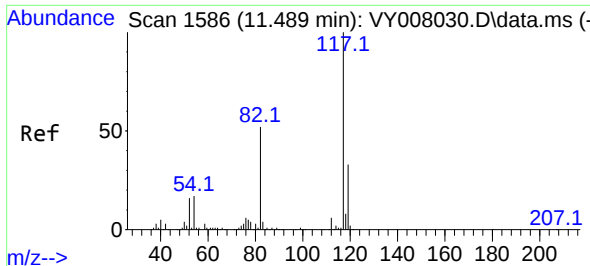
Tgt Ion: 98 Resp: 46342
Ion Ratio Lower Upper
98 100
100 66.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 44.702 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008248.D
Acq: 07 Apr 2022 15:47

Tgt Ion: 95 Resp: 14471
Ion Ratio Lower Upper
95 100
174 86.1 0.0 177.0
176 80.9 0.0 175.8

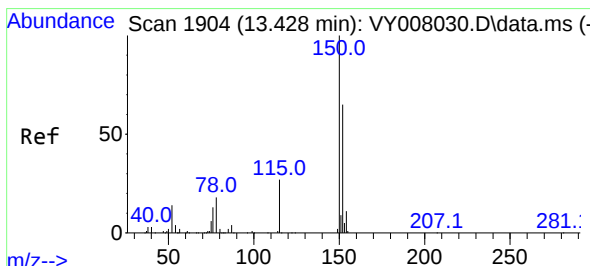
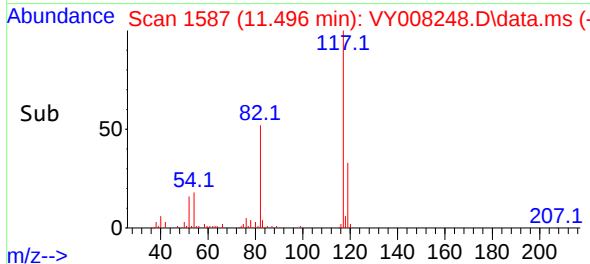
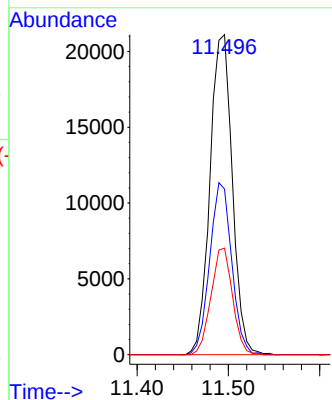
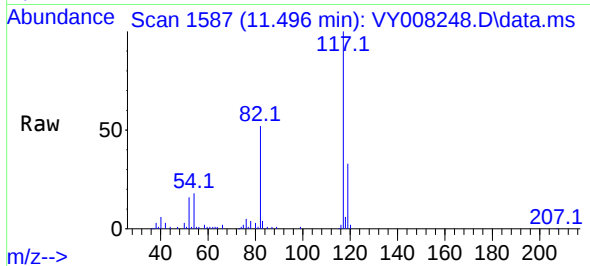




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 117
Delta R.T. 0.007 min
Lab File: VY008248.D
Acq: 07 Apr 2022 15:47

Instrument :
MSVOA_Y
ClientSampleId :
TP-3

Tgt Ion:	117	Resp:	35816
Ion	Ratio	Lower	Upper
117	100		
82	51.8	43.0	64.4
119	33.3	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008248.D
Acq: 07 Apr 2022 15:47

Tgt Ion:	152	Resp:	14623
Ion	Ratio	Lower	Upper
152	100		
115	60.5	28.2	84.7
150	158.7	0.0	347.6

