

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051922\
 Data File : VY008908.D
 Acq On : 20 May 2022 08:06
 Operator : KP/MD
 Sample : N2868-21
 Misc : 5.13g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P027-SS001-0612-01

Quant Time: May 20 08:23:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051722S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 07:32:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	126123	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	226279	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	218251	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	95677	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	80276	68.609	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	137.220%
35) Dibromofluoromethane	7.716	113	71713	54.242	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.480%
50) Toluene-d8	10.179	98	286513	48.833	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.660%
62) 4-Bromofluorobenzene	12.483	95	88274	42.643	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	85.280%

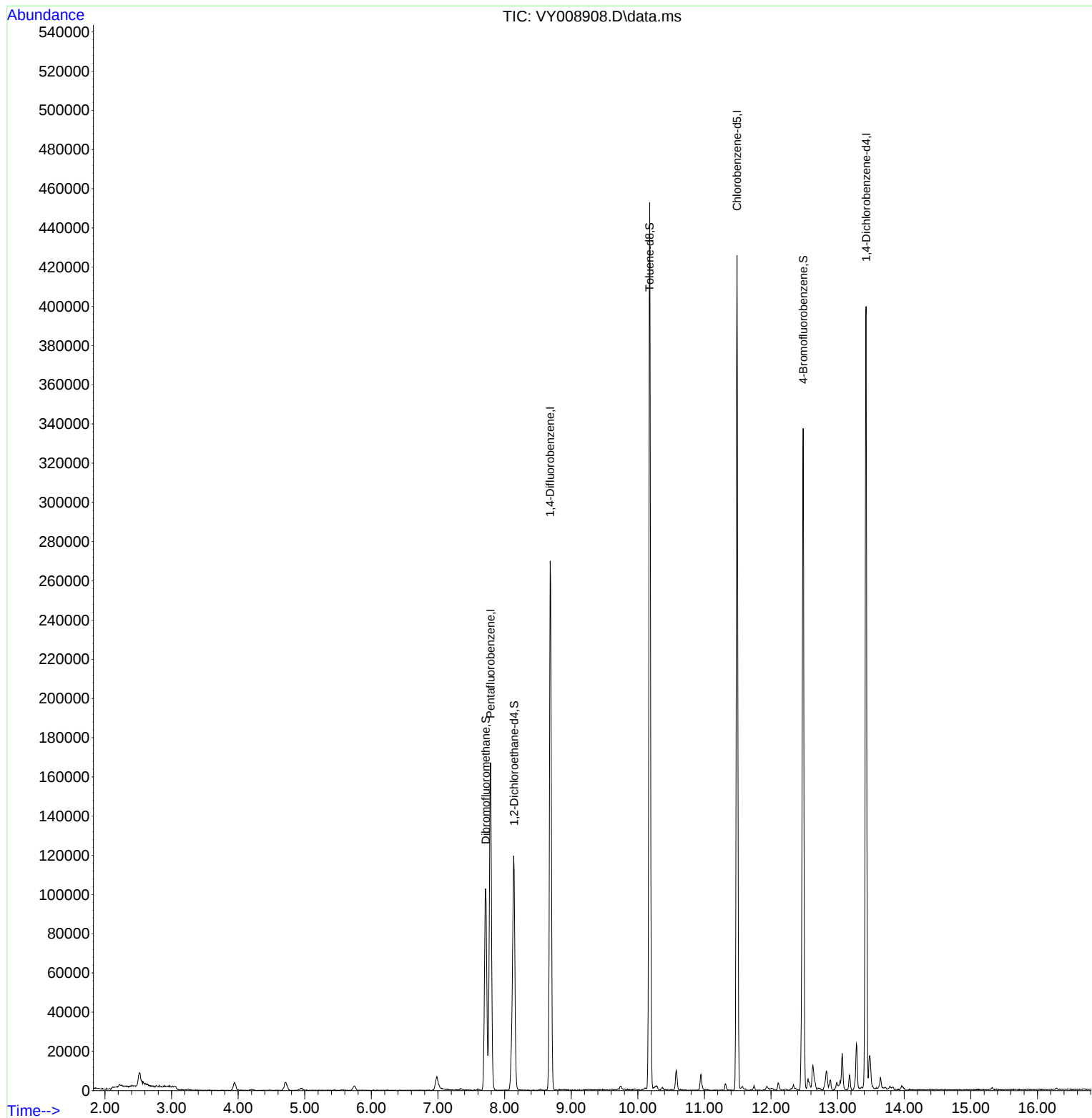
Target Compounds	Qvalue

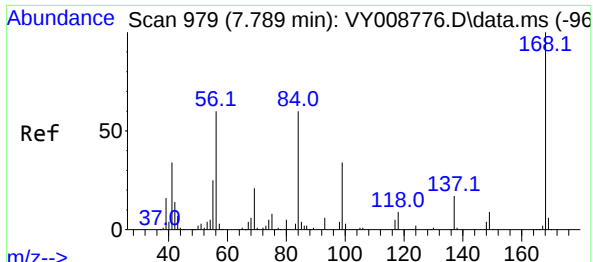
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051922\
Data File : VY008908.D
Acq On : 20 May 2022 08:06
Operator : KP/MD
Sample : N2868-21
Misc : 5.13g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 56 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
P027-SS001-0612-01

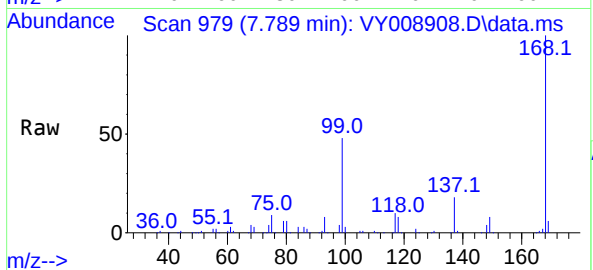
Quant Time: May 20 08:23:19 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051722S.M
Quant Title : SW846 8260
QLast Update : Wed May 18 07:32:50 2022
Response via : Initial Calibration



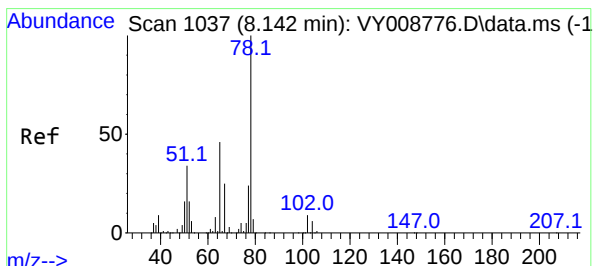
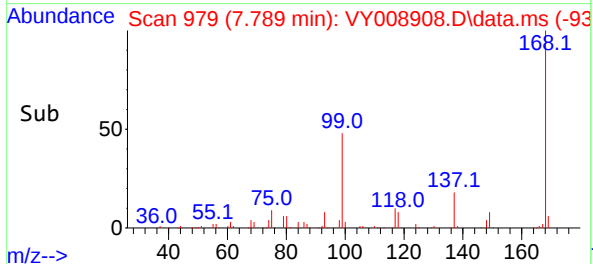
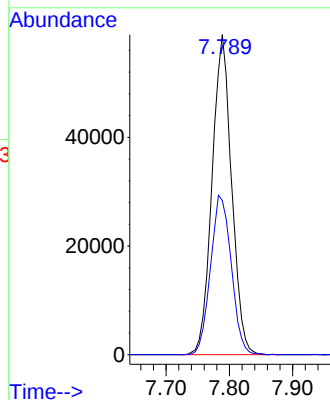


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008908.D
Acq: 20 May 2022 08:06

Instrument :
MSVOA_Y
ClientSampleId :
P027-SS001-0612-01

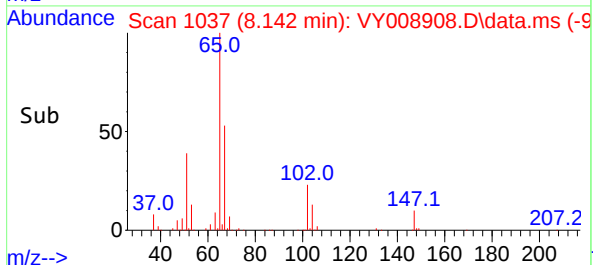
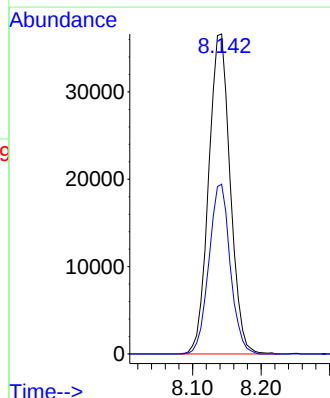
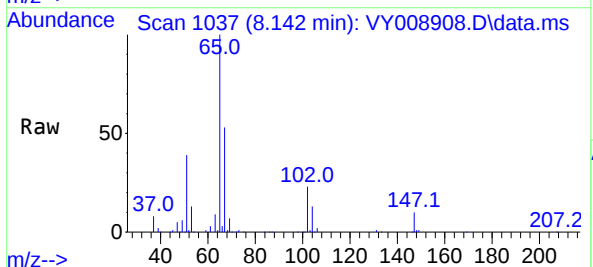


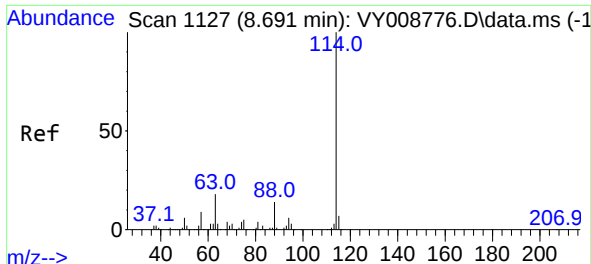
Tgt Ion:168 Resp: 126123
Ion Ratio Lower Upper
168 100
99 48.2 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 68.609 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY008908.D
Acq: 20 May 2022 08:06

Tgt Ion: 65 Resp: 80276
Ion Ratio Lower Upper
65 100
67 52.4 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY008908.D

Acq: 20 May 2022 08:06

Instrument :

MSVOA_Y

ClientSampleId :

P027-SS001-0612-01

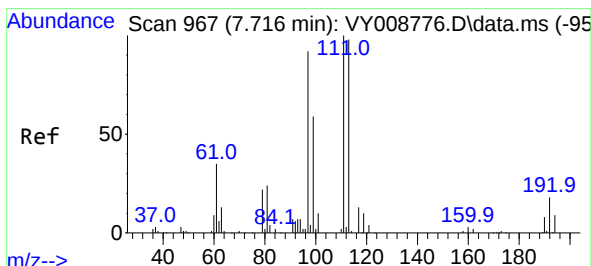
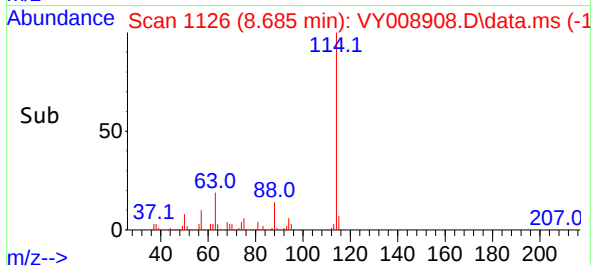
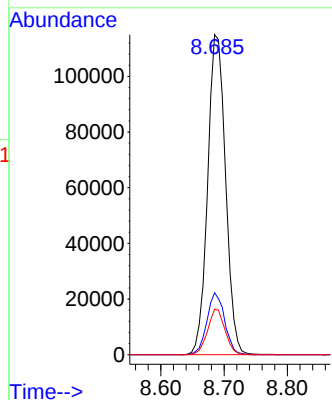
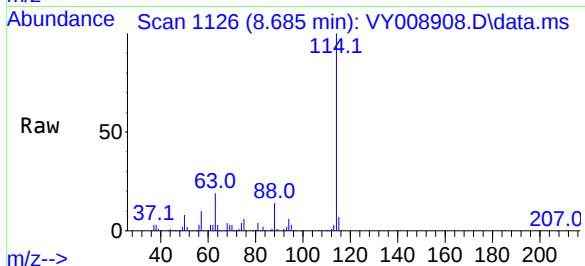
Tgt Ion:114 Resp: 226279

Ion Ratio Lower Upper

114 100

63 19.4 0.0 43.2

88 14.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 54.242 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008908.D

Acq: 20 May 2022 08:06

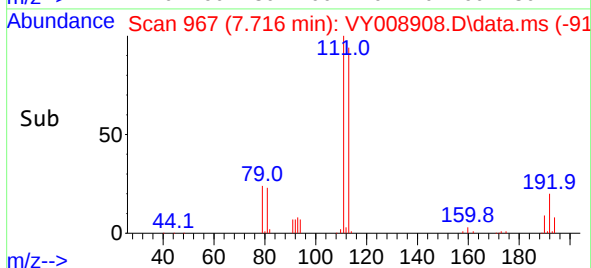
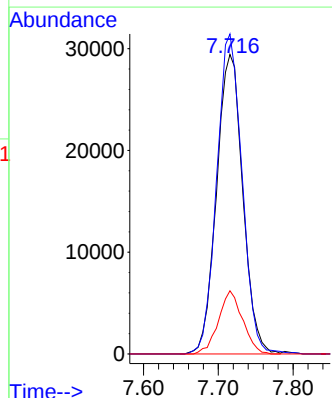
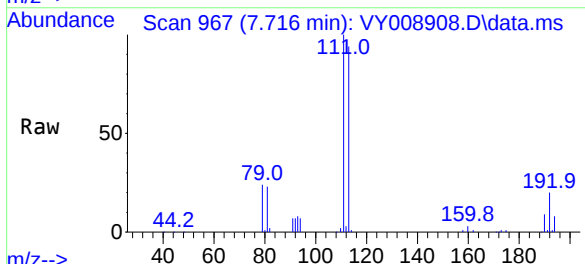
Tgt Ion:113 Resp: 71713

Ion Ratio Lower Upper

113 100

111 103.5 82.6 124.0

192 19.5 17.6 26.4

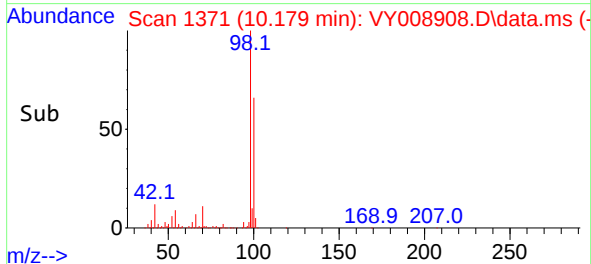
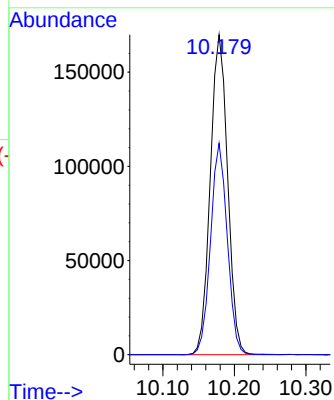
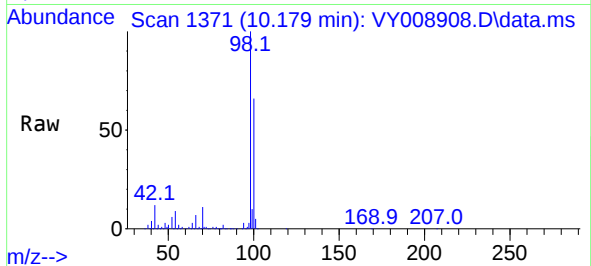




#50
Toluene-d8
Concen: 48.833 ug/l
RT: 10.179 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY008908.D
Acq: 20 May 2022 08:06

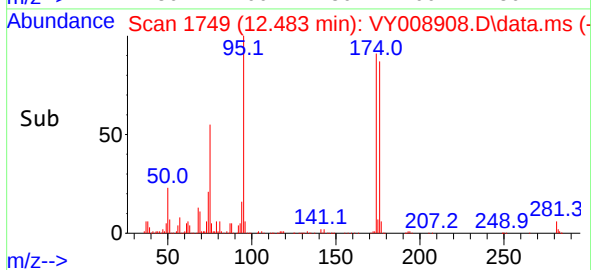
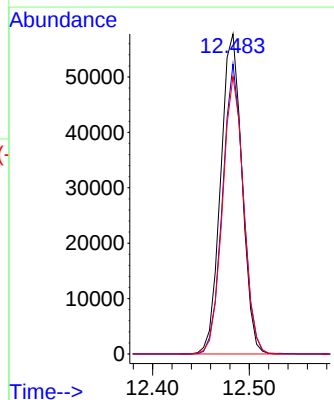
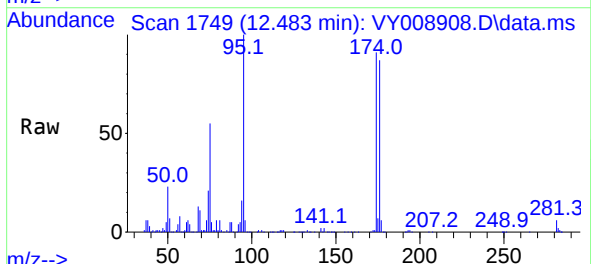
Instrument :
MSVOA_Y
ClientSampleId :
P027-SS001-0612-01

Tgt Ion: 98 Resp: 286513
Ion Ratio Lower Upper
98 100
100 63.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 42.643 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008908.D
Acq: 20 May 2022 08:06

Tgt Ion: 95 Resp: 88274
Ion Ratio Lower Upper
95 100
174 87.9 0.0 177.0
176 85.7 0.0 175.8

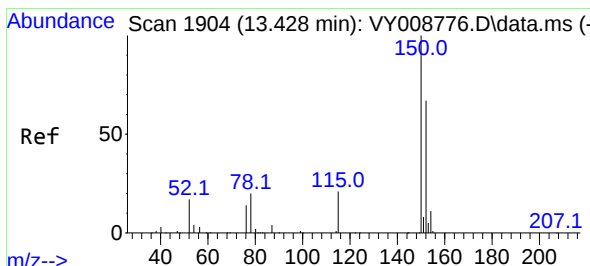
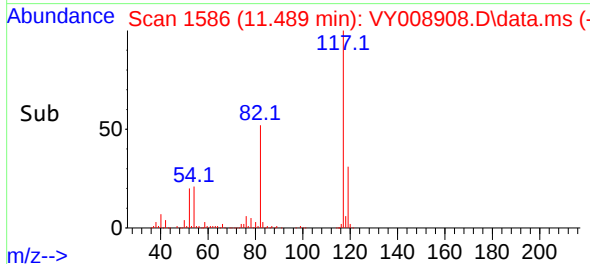
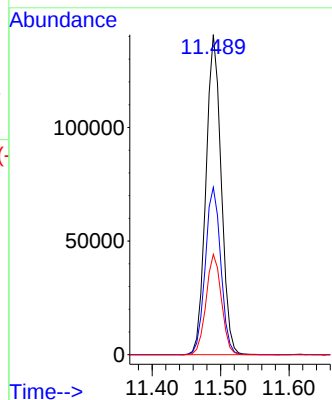
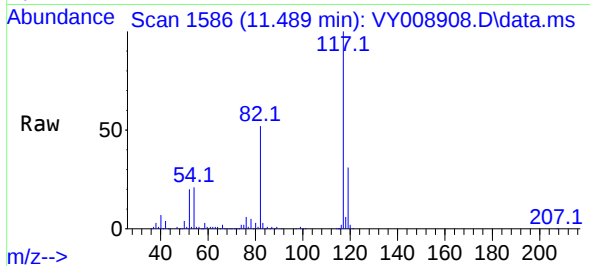




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY008908.D
Acq: 20 May 2022 08:06

Instrument :
MSVOA_Y
ClientSampleId :
P027-SS001-0612-01

Tgt Ion:117	Resp:	218251	
Ion	Ratio	Lower	Upper
117	100		
82	52.3	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. -0.000 min
Lab File: VY008908.D
Acq: 20 May 2022 08:06

Tgt Ion:152	Resp:	95677	
Ion	Ratio	Lower	Upper
152	100		
115	58.6	28.2	84.7
150	160.6	0.0	347.6

