

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051922\
 Data File : VY008878.D
 Acq On : 19 May 2022 19:18
 Operator : KP/MD
 Sample : N2869-02
 Misc : 5.25g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P027-SS001-2430-01

Quant Time: May 20 02:54:00 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	130504	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	235765	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	228807	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	100952	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	80645	66.611	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	133.220%
35) Dibromofluoromethane	7.716	113	76671	55.659	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.320%
50) Toluene-d8	10.179	98	301340	49.264	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.520%
62) 4-Bromofluorobenzene	12.483	95	89835	41.732	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	83.460%

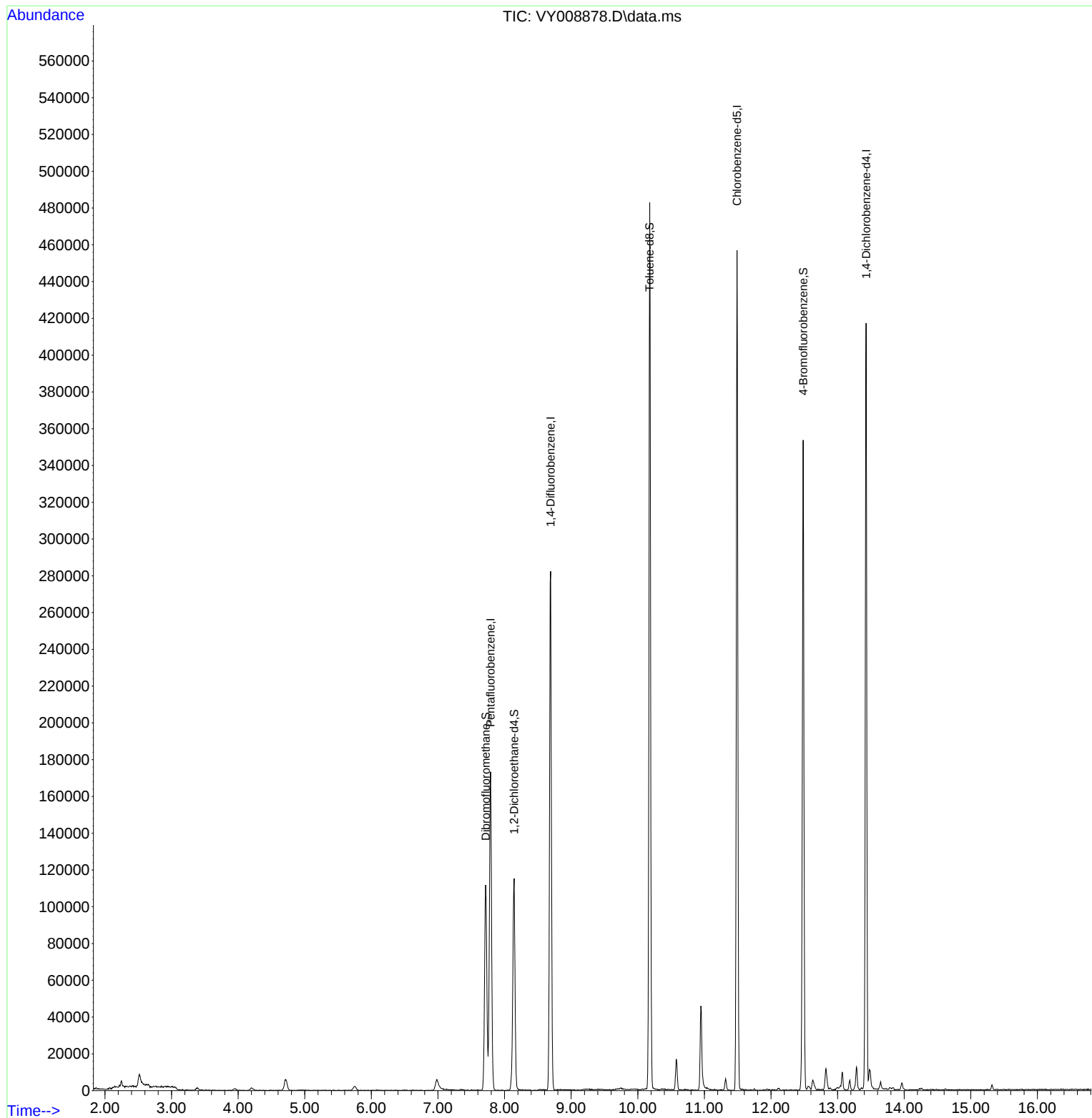
Target Compounds	Qvalue

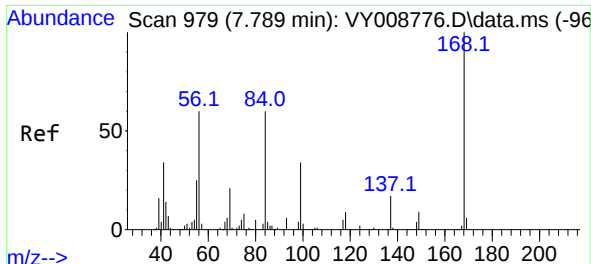
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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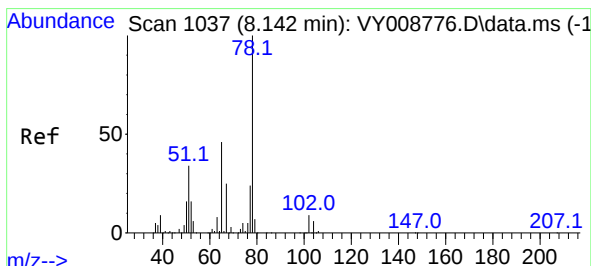
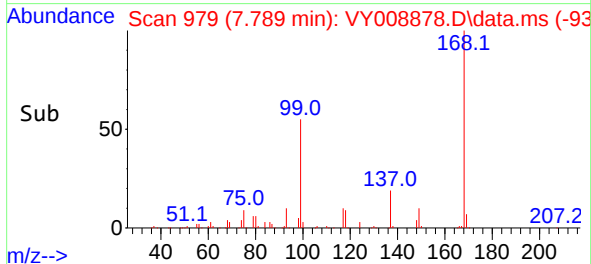
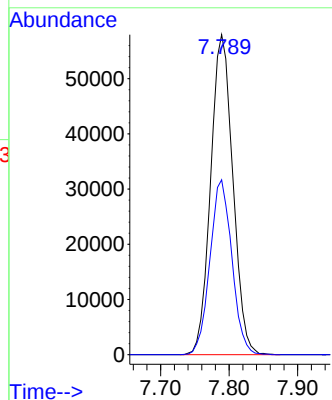
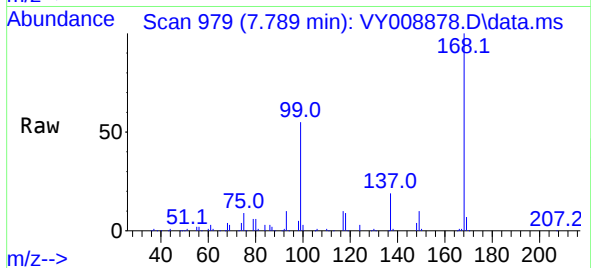




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008878.D
Acq: 19 May 2022 19:18

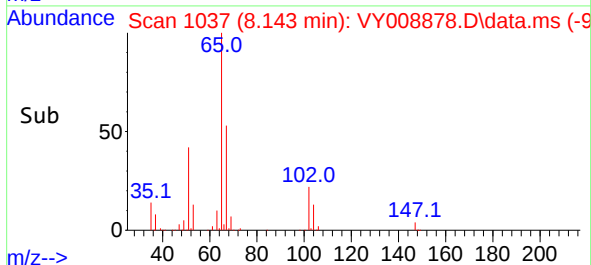
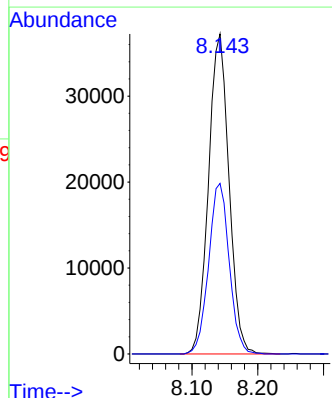
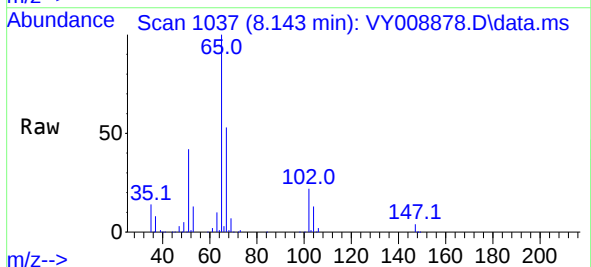
Instrument :
MSVOA_Y
ClientSampleId :
P027-SS001-2430-01

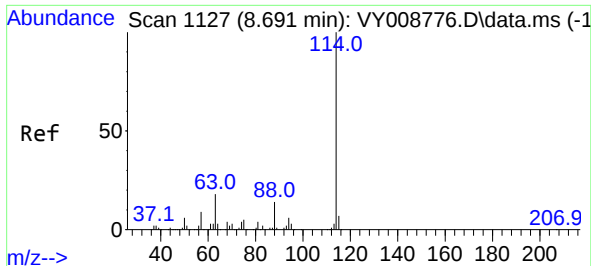
Tgt Ion:168 Resp: 130504
Ion Ratio Lower Upper
168 100
99 54.7 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 66.611 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY008878.D
Acq: 19 May 2022 19:18

Tgt Ion: 65 Resp: 80645
Ion Ratio Lower Upper
65 100
67 53.5 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: VY008878.D

Acq: 19 May 2022 19:18

Instrument :

MSVOA_Y

ClientSampleId :

P027-SS001-2430-01

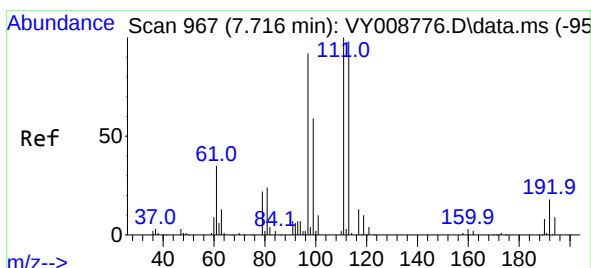
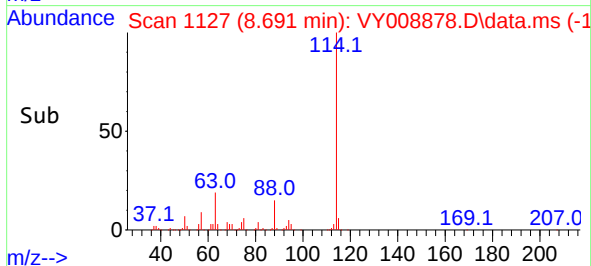
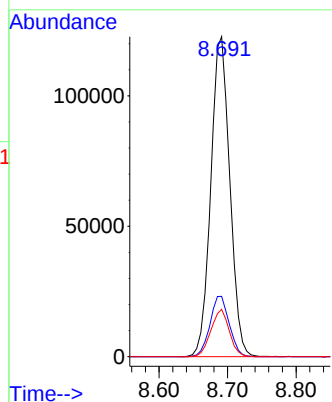
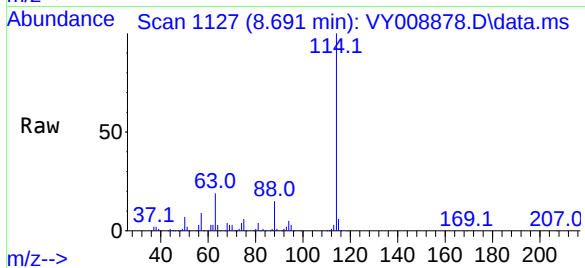
Tgt Ion:114 Resp: 235765

Ion Ratio Lower Upper

114 100

63 18.8 0.0 43.2

88 14.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 55.659 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY008878.D

Acq: 19 May 2022 19:18

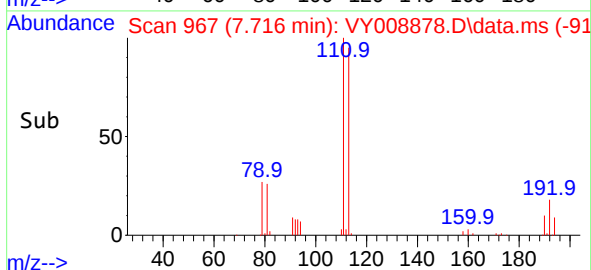
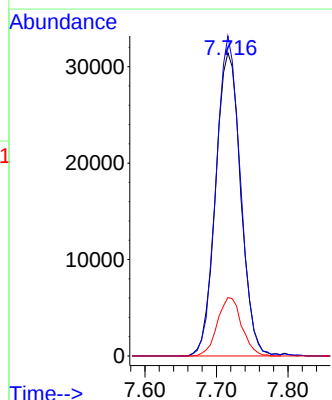
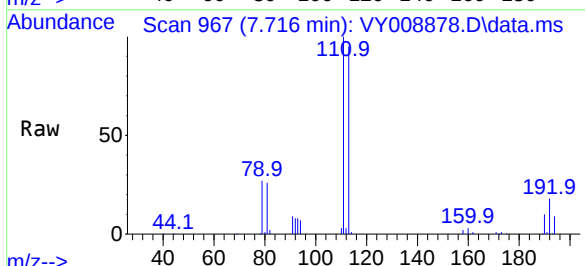
Tgt Ion:113 Resp: 76671

Ion Ratio Lower Upper

113 100

111 101.9 82.6 124.0

192 18.6 17.6 26.4

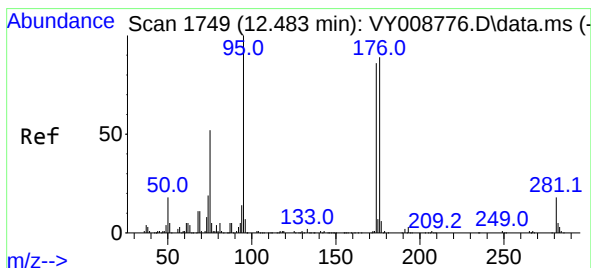
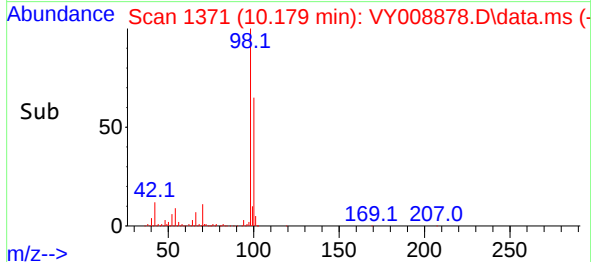
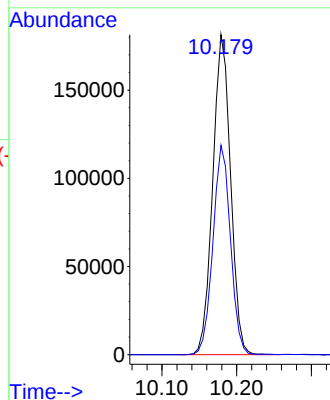
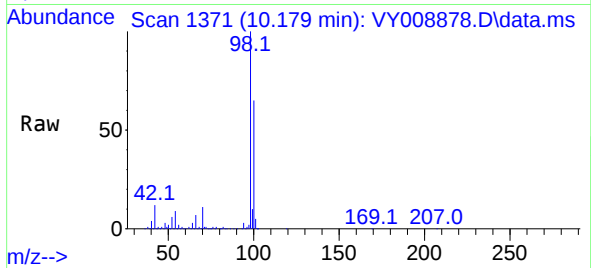




#50
Toluene-d8
Concen: 49.264 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008878.D
Acq: 19 May 2022 19:18

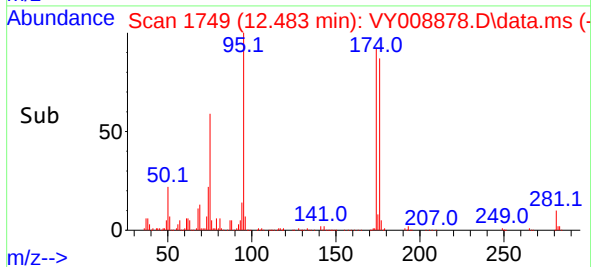
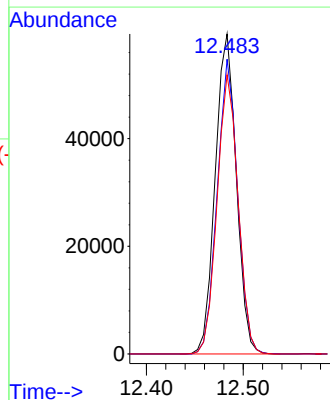
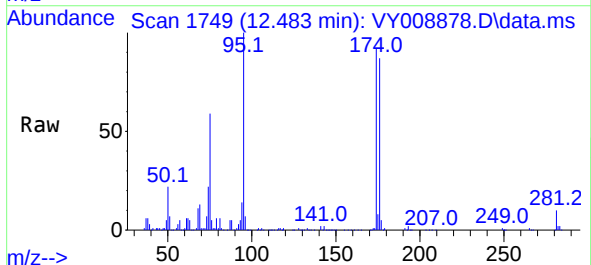
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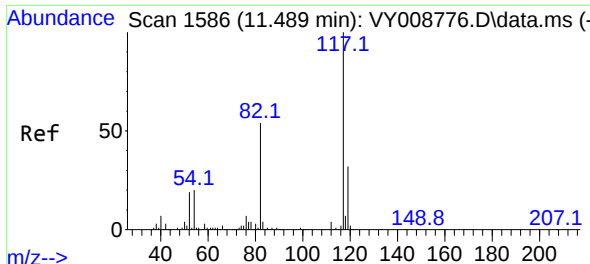
Tgt Ion: 98 Resp: 301340
Ion Ratio Lower Upper
98 100
100 64.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 41.732 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008878.D
Acq: 19 May 2022 19:18

Tgt Ion: 95 Resp: 89835
Ion Ratio Lower Upper
95 100
174 89.3 0.0 177.0
176 86.8 0.0 175.8

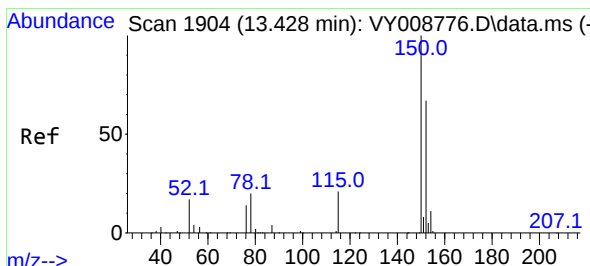
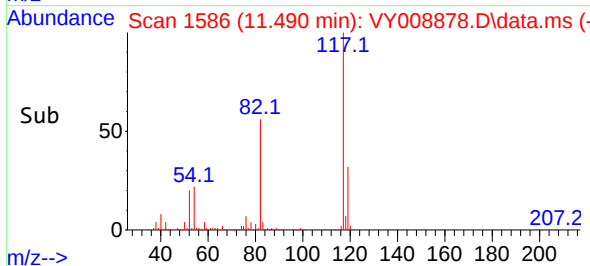
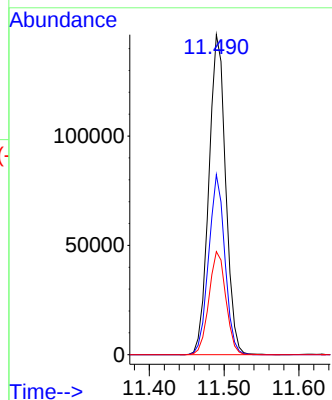
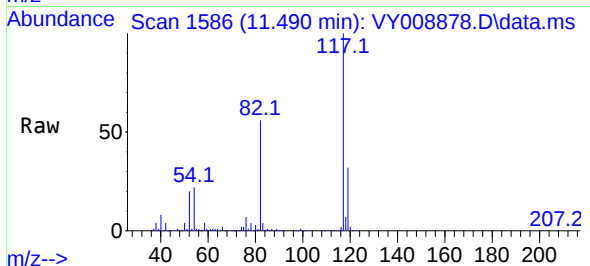




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008878.D
Acq: 19 May 2022 19:18

Instrument :
MSVOA_Y
ClientSampleId :
P027-SS001-2430-01

Tgt Ion:	117	Resp:	228807
Ion	Ratio	Lower	Upper
117	100		
82	56.3	43.0	64.4
119	32.2	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: VY008878.D
Acq: 19 May 2022 19:18

Tgt Ion:	152	Resp:	100952
Ion	Ratio	Lower	Upper
152	100		
115	56.1	28.2	84.7
150	157.4	0.0	347.6

