

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051822\
 Data File : VY008813.D
 Acq On : 18 May 2022 14:56
 Operator : KP/MD
 Sample : N2869-05
 Misc : 4.31g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P027-SS004-0006-01

Quant Time: May 19 03:10:39 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	130998	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	233350	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	222219	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	96088	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	82603	67.971	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	135.940%
35) Dibromofluoromethane	7.716	113	76183	55.877	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.760%
50) Toluene-d8	10.179	98	295139	48.783	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.560%
62) 4-Bromofluorobenzene	12.483	95	85687	40.344	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	80.680%

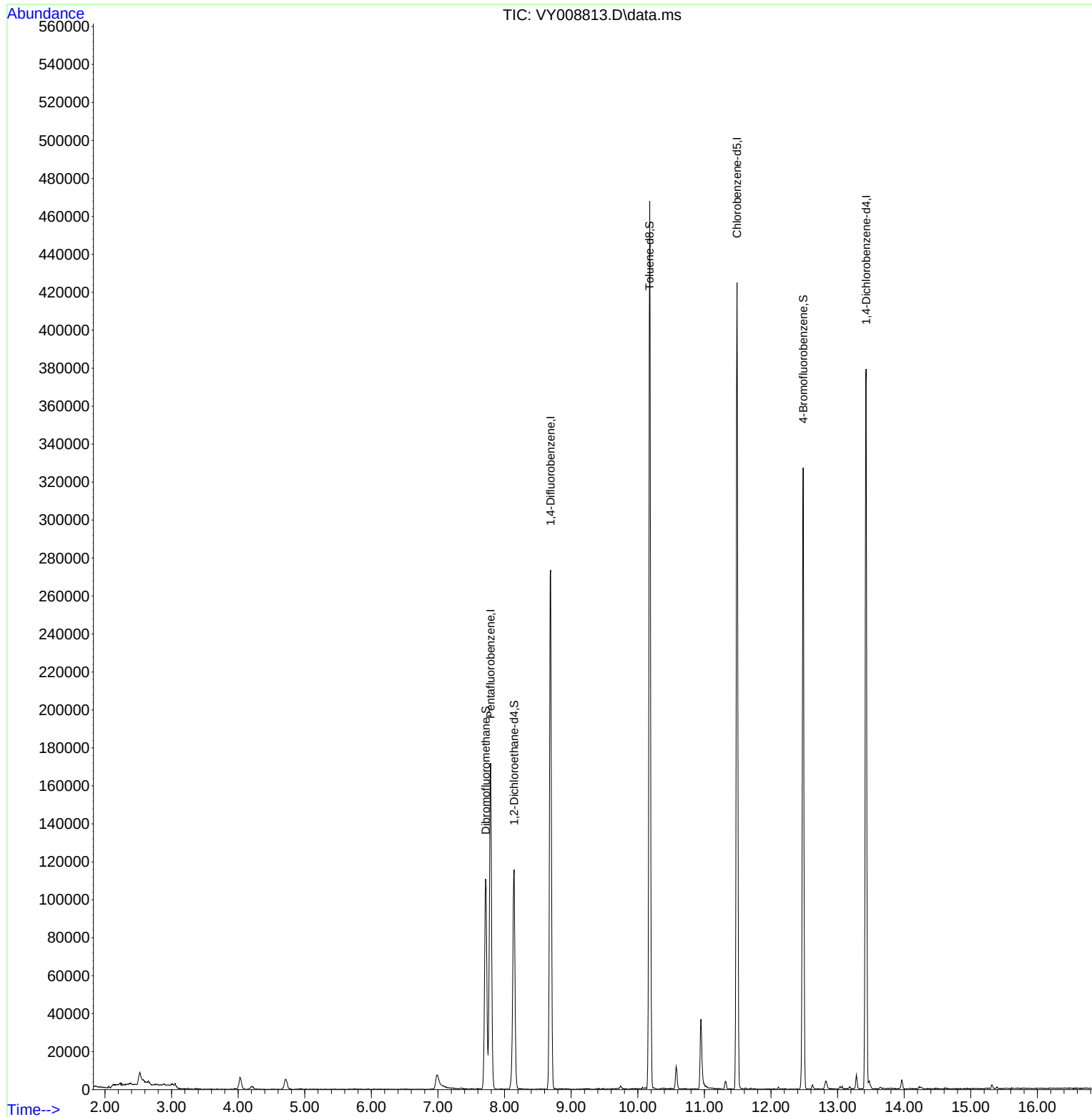
Target Compounds	Qvalue

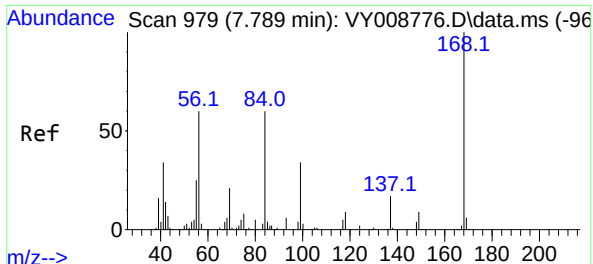
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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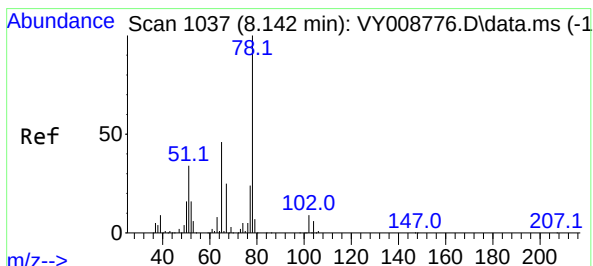
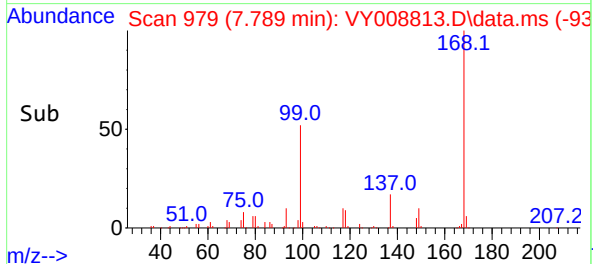
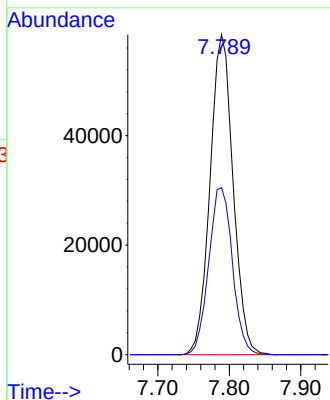
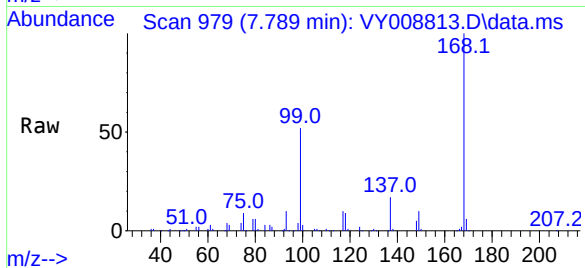




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008813.D
Acq: 18 May 2022 14:56

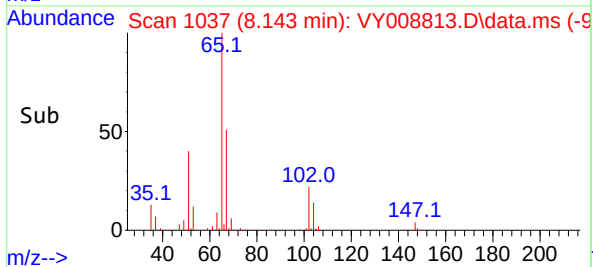
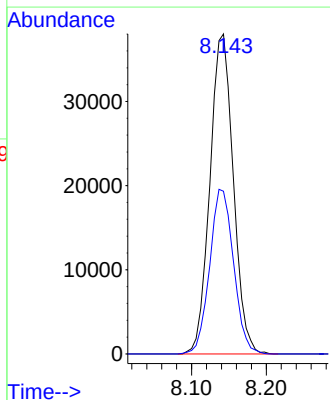
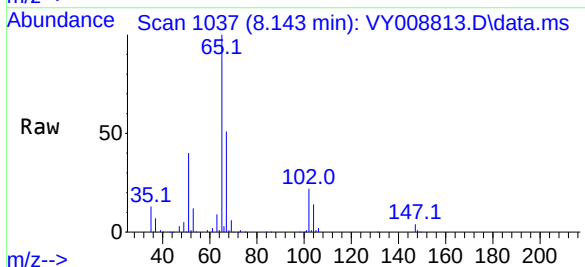
Instrument :
MSVOA_Y
ClientSampleId :
P027-SS004-0006-01

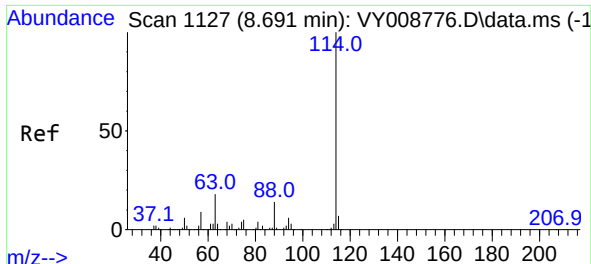
Tgt Ion:168 Resp: 130998
Ion Ratio Lower Upper
168 100
99 52.2 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 67.971 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY008813.D
Acq: 18 May 2022 14:56

Tgt Ion: 65 Resp: 82603
Ion Ratio Lower Upper
65 100
67 52.7 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: VY008813.D

Acq: 18 May 2022 14:56

Instrument :

MSVOA_Y

ClientSampleId :

P027-SS004-0006-01

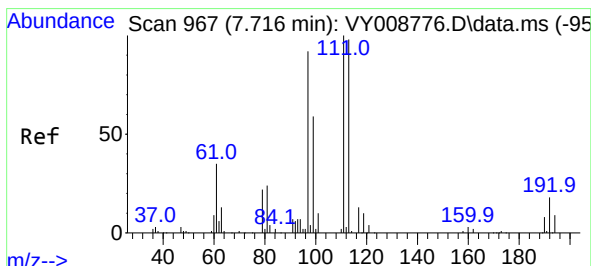
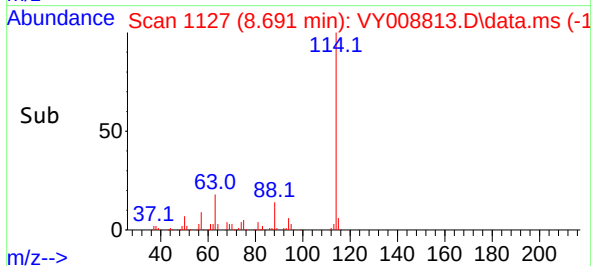
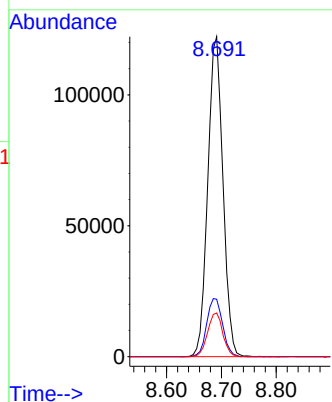
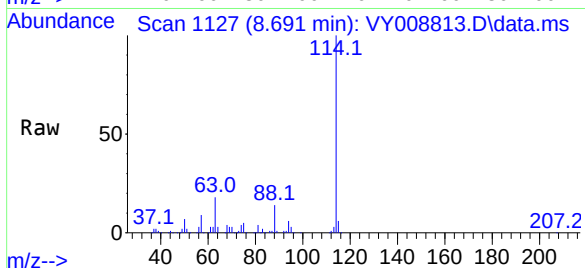
Tgt Ion:114 Resp: 233350

Ion Ratio Lower Upper

114 100

63 18.0 0.0 43.2

88 13.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 55.877 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY008813.D

Acq: 18 May 2022 14:56

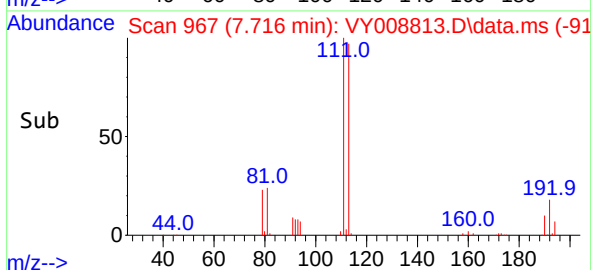
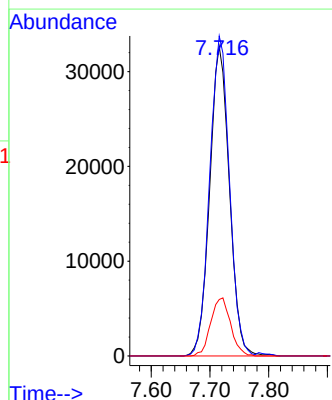
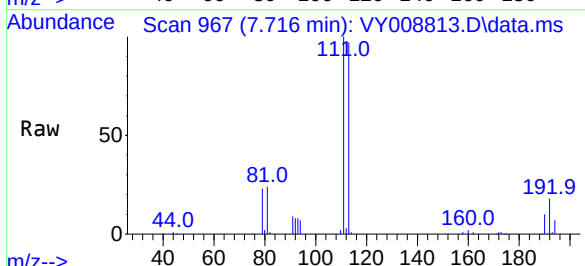
Tgt Ion:113 Resp: 76183

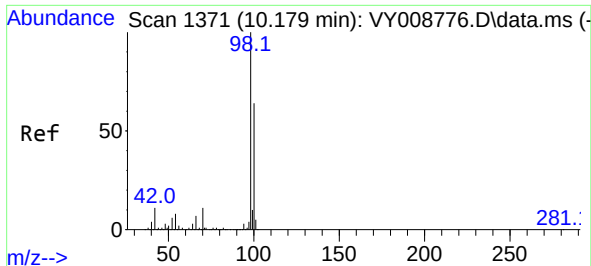
Ion Ratio Lower Upper

113 100

111 103.3 82.6 124.0

192 18.9 17.6 26.4

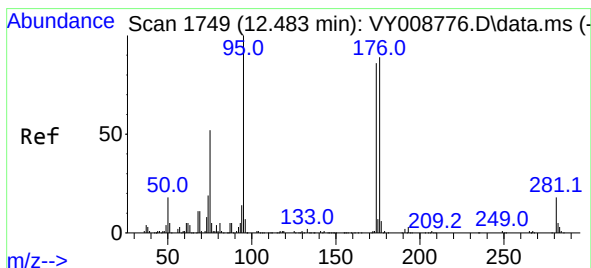
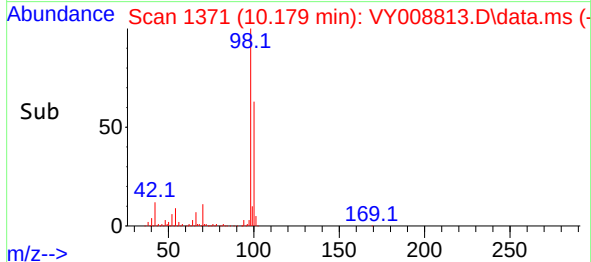
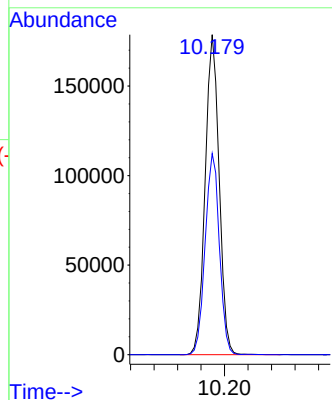
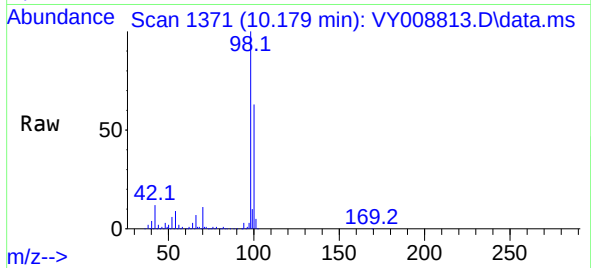




#50
Toluene-d8
Concen: 48.783 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008813.D
Acq: 18 May 2022 14:56

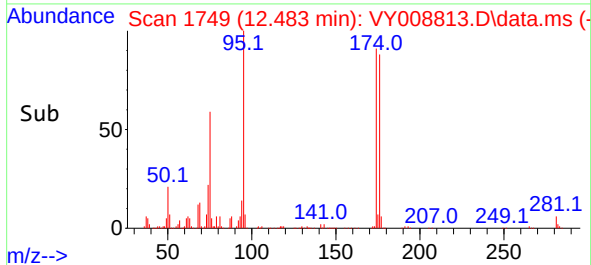
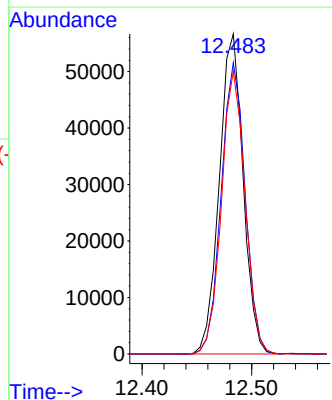
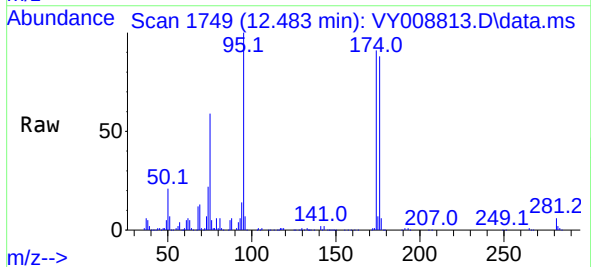
Instrument :
MSVOA_Y
ClientSampleId :
P027-SS004-0006-01

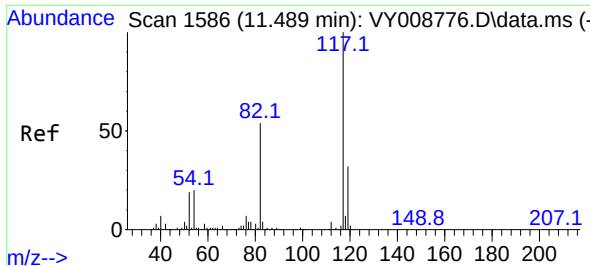
Tgt Ion: 98 Resp: 295139
Ion Ratio Lower Upper
98 100
100 63.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 40.344 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008813.D
Acq: 18 May 2022 14:56

Tgt Ion: 95 Resp: 85687
Ion Ratio Lower Upper
95 100
174 91.3 0.0 177.0
176 87.5 0.0 175.8

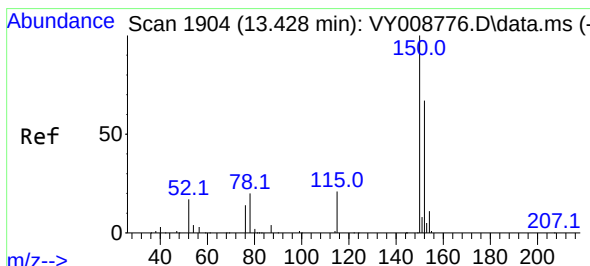
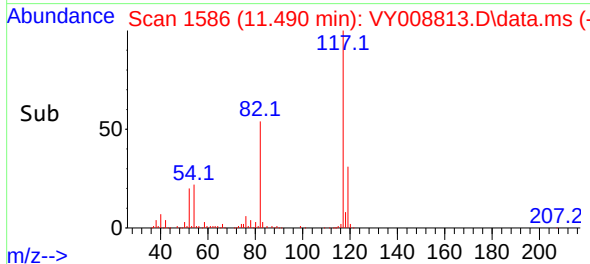
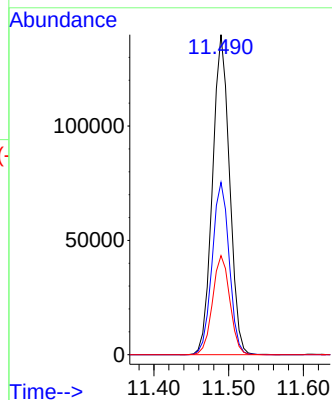
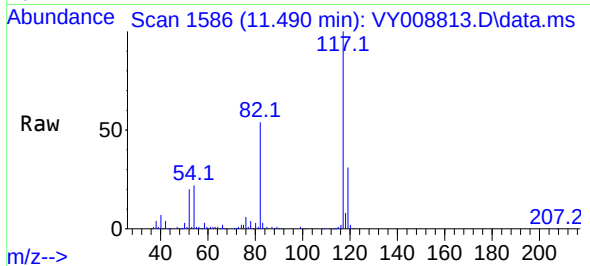




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008813.D
Acq: 18 May 2022 14:56

Instrument :
MSVOA_Y
ClientSampleId :
P027-SS004-0006-01

Tgt Ion:	117	Resp:	222219
Ion	Ratio	Lower	Upper
117	100		
82	53.8	43.0	64.4
119	31.0	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: VY008813.D
Acq: 18 May 2022 14:56

Tgt Ion:	152	Resp:	96088
Ion	Ratio	Lower	Upper
152	100		
115	55.4	28.2	84.7
150	154.8	0.0	347.6

