

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051922\
 Data File : VY008866.D
 Acq On : 19 May 2022 14:37
 Operator : KP/MD
 Sample : N2832-07
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB09

Quant Time: May 20 02:51:48 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	135267	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	240768	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	232064	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	96612	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	84505	67.341	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	134.680%
35) Dibromofluoromethane	7.716	113	77631	55.184	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.360%
50) Toluene-d8	10.179	98	307826	49.278	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.560%
62) 4-Bromofluorobenzene	12.483	95	87255	39.862	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	79.720%

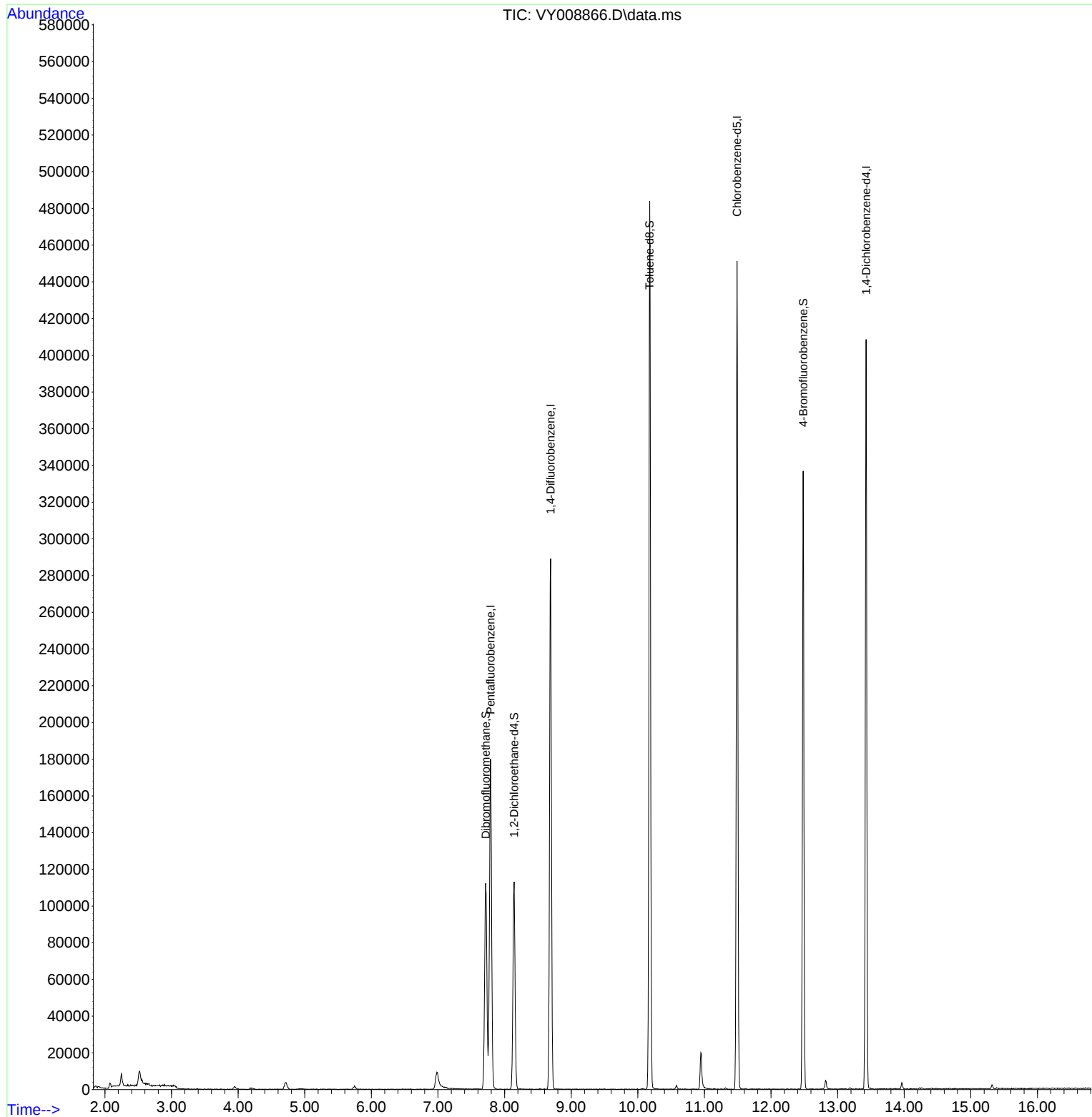
Target Compounds	Qvalue

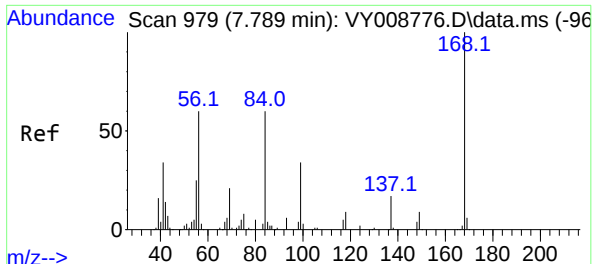
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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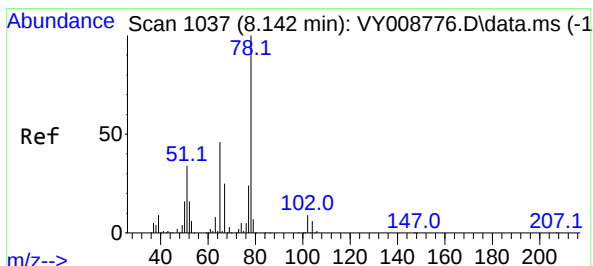
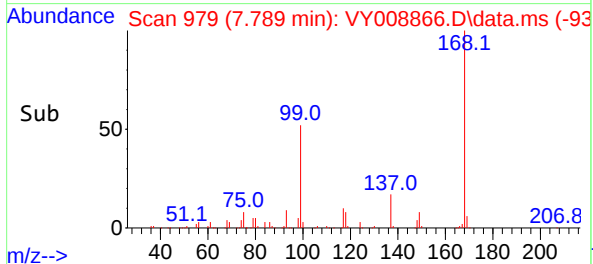
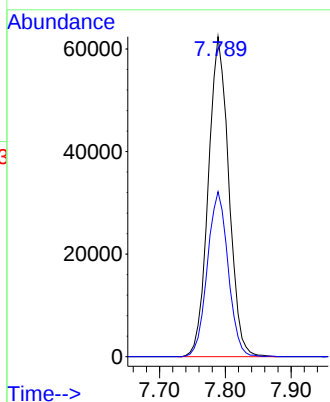
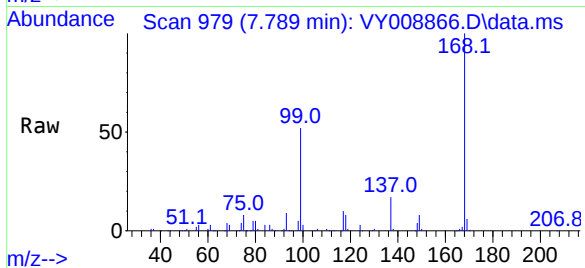




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008866.D
Acq: 19 May 2022 14:37

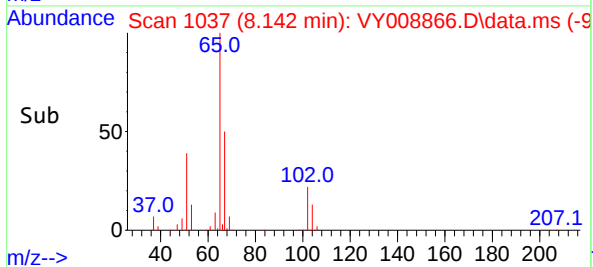
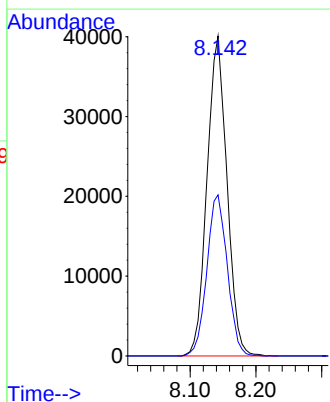
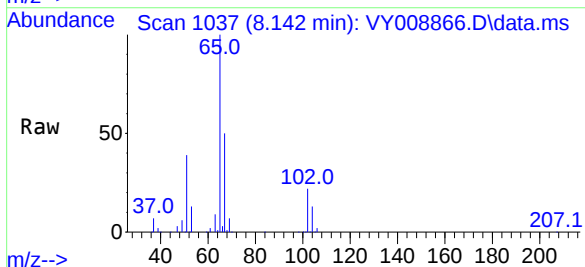
Instrument :
MSVOA_Y
ClientSampleId :
SB09

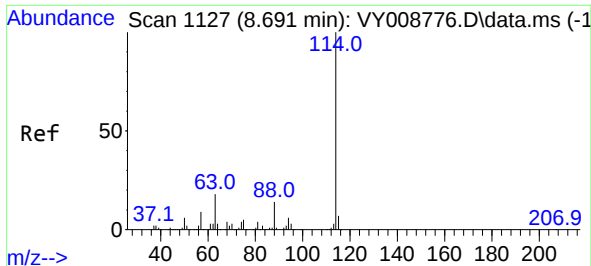
Tgt Ion:168 Resp: 135267
Ion Ratio Lower Upper
168 100
99 51.5 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 67.341 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY008866.D
Acq: 19 May 2022 14:37

Tgt Ion: 65 Resp: 84505
Ion Ratio Lower Upper
65 100
67 51.7 0.0 99.4

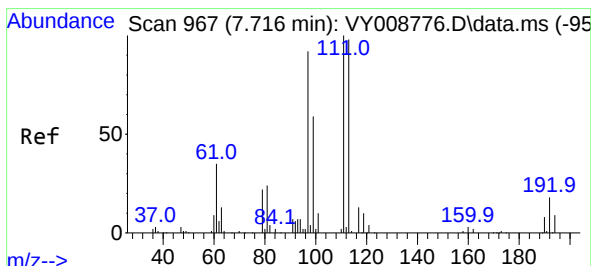
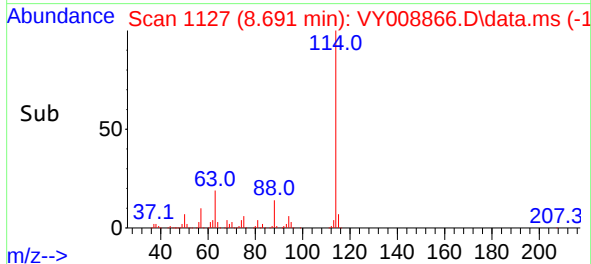
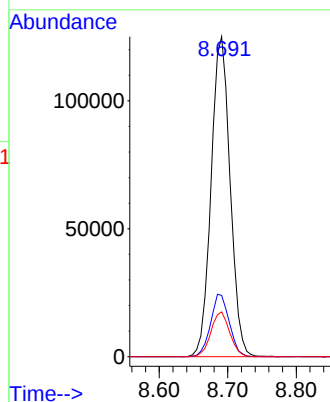
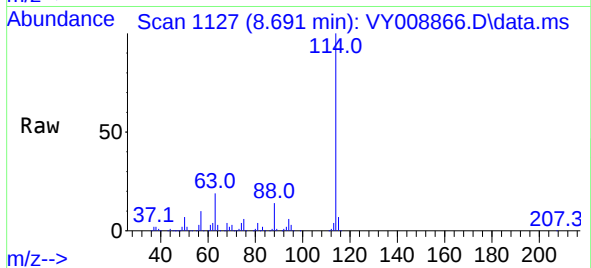




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY008866.D
Acq: 19 May 2022 14:37

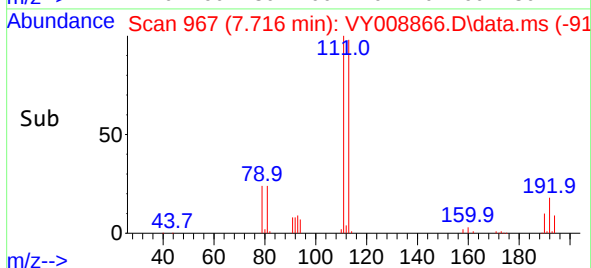
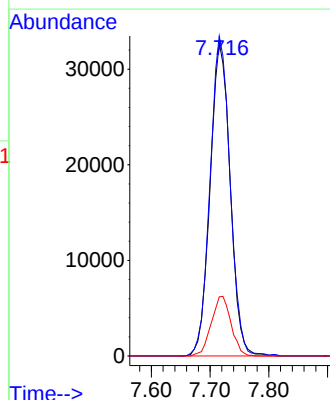
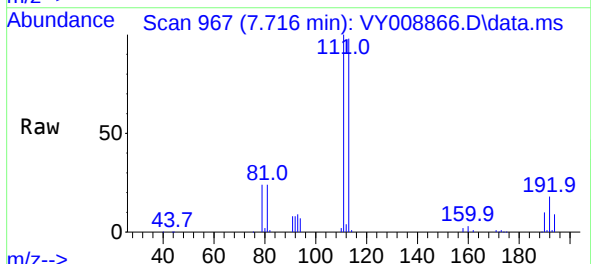
Instrument :
MSVOA_Y
ClientSampleId :
SB09

Tgt Ion:114 Resp: 240768
Ion Ratio Lower Upper
114 100
63 19.2 0.0 43.2
88 14.0 0.0 31.8



#35
Dibromofluoromethane
Concen: 55.184 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY008866.D
Acq: 19 May 2022 14:37

Tgt Ion:113 Resp: 77631
Ion Ratio Lower Upper
113 100
111 102.2 82.6 124.0
192 18.7 17.6 26.4

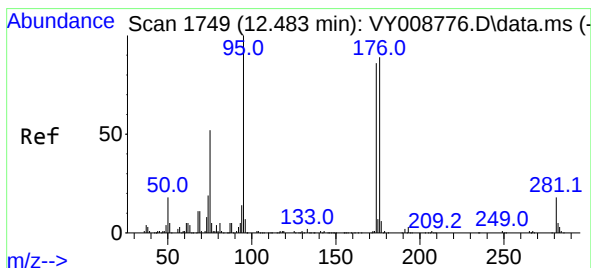
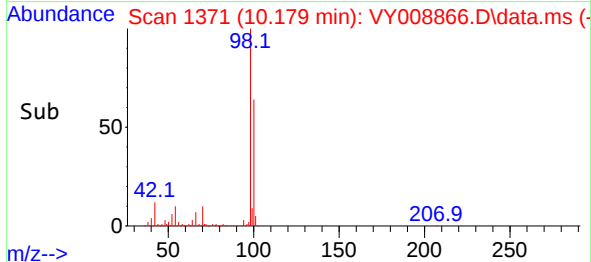
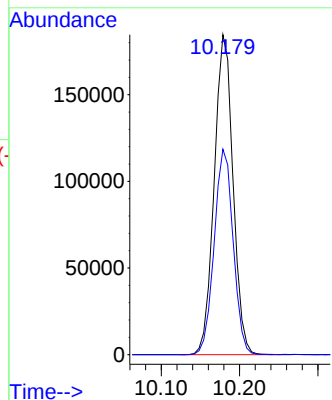
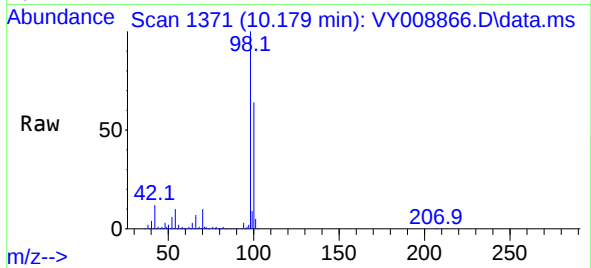




#50
Toluene-d8
Concen: 49.278 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008866.D
Acq: 19 May 2022 14:37

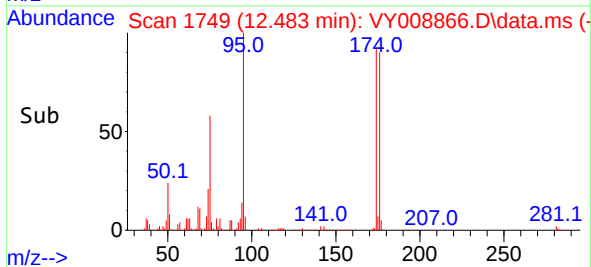
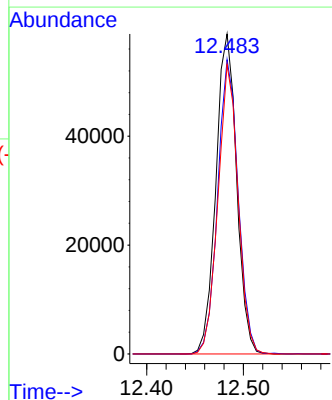
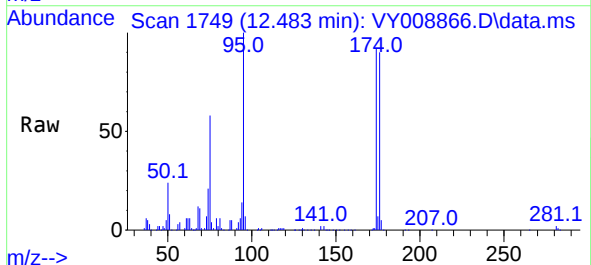
Instrument :
MSVOA_Y
ClientSampleId :
SB09

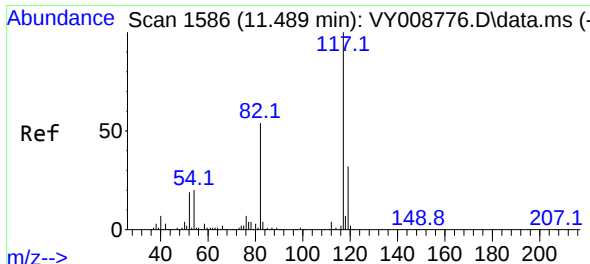
Tgt Ion: 98 Resp: 307826
Ion Ratio Lower Upper
98 100
100 64.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 39.862 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008866.D
Acq: 19 May 2022 14:37

Tgt Ion: 95 Resp: 87255
Ion Ratio Lower Upper
95 100
174 91.0 0.0 177.0
176 87.6 0.0 175.8

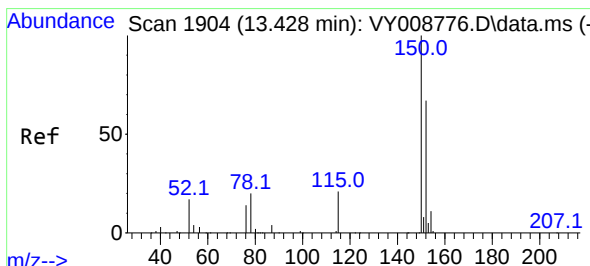
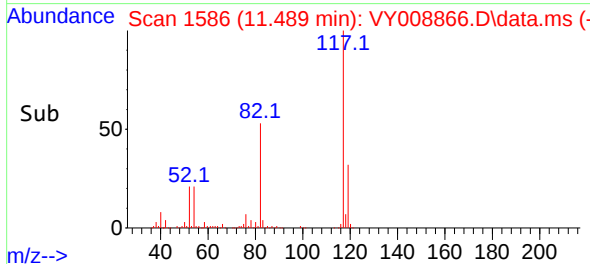
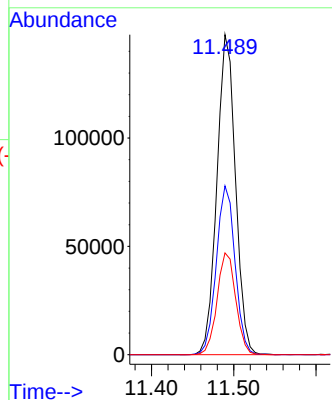
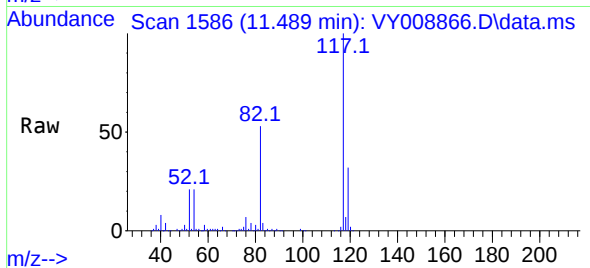




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY008866.D
Acq: 19 May 2022 14:37

Instrument :
MSVOA_Y
ClientSampleId :
SB09

Tgt Ion:117 Resp: 232064
Ion Ratio Lower Upper
117 100
82 52.8 43.0 64.4
119 31.8 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: VY008866.D
Acq: 19 May 2022 14:37

Tgt Ion:152 Resp: 96612
Ion Ratio Lower Upper
152 100
115 55.5 28.2 84.7
150 158.5 0.0 347.6

