

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051922\
 Data File : VY008893.D
 Acq On : 20 May 2022 02:15
 Operator : KP/MD
 Sample : N2907-02
 Misc : 5.48g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 GC-2

Quant Time: May 20 02:58:00 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	19774	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	32805	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	30088	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	11566	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	13397	73.030	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	146.060%
35) Dibromofluoromethane	7.716	113	11763	61.370	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	122.740%
50) Toluene-d8	10.179	98	38677	45.689	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	91.380%
62) 4-Bromofluorobenzene	12.477	95	10770	36.439	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	72.880%

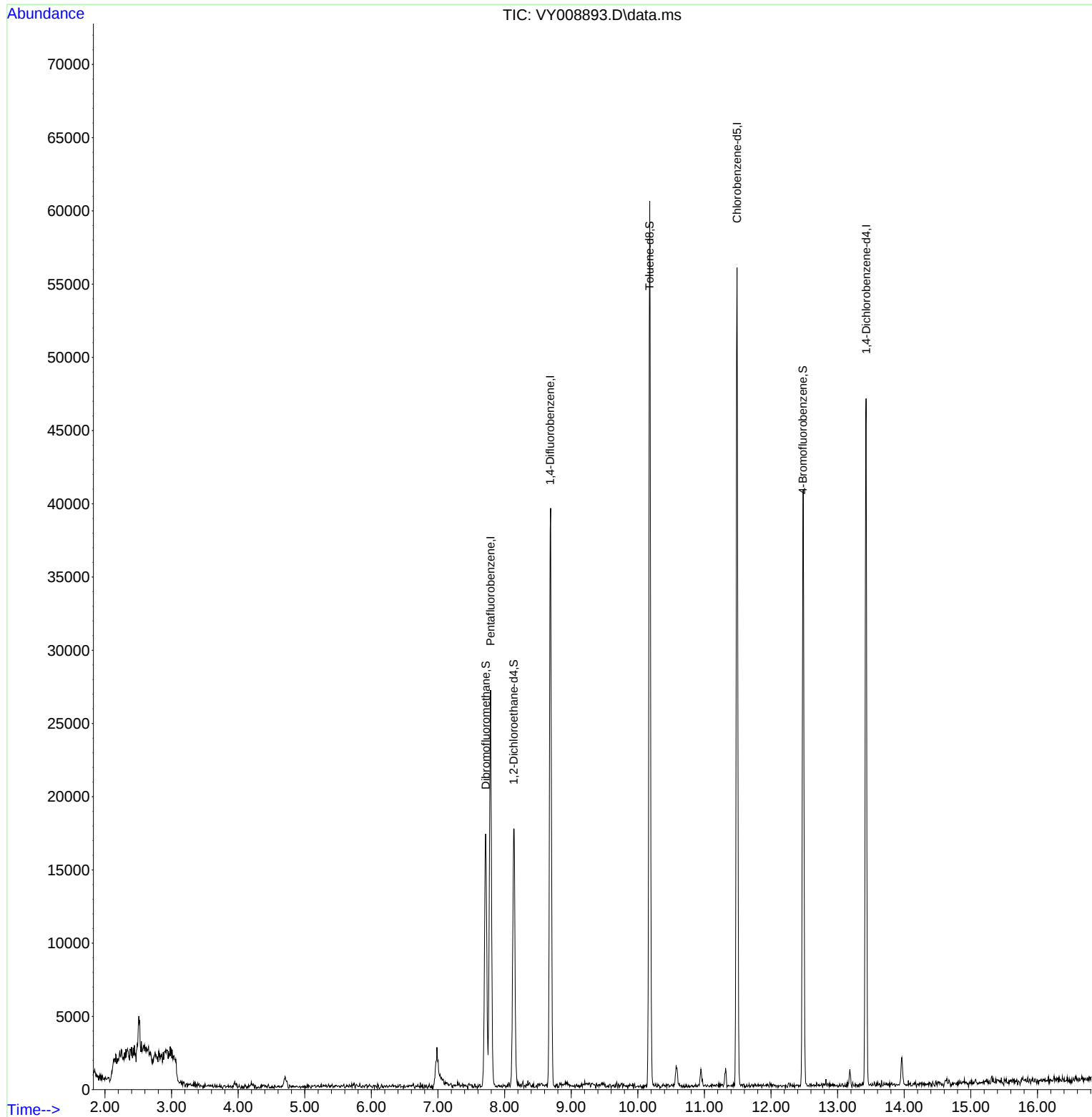
Target Compounds	Qvalue

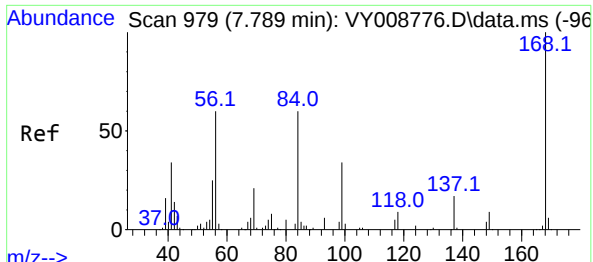
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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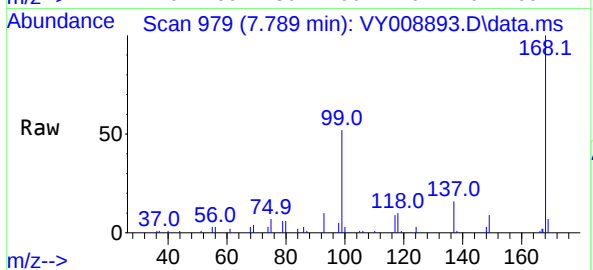
Quant Time: May 20 02:58:00 2022
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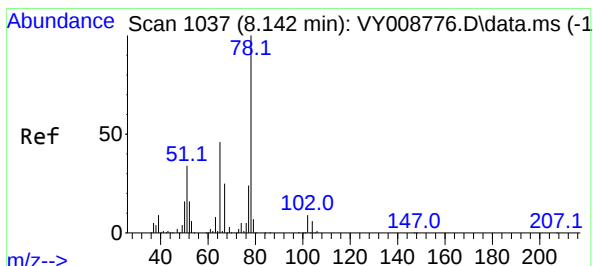
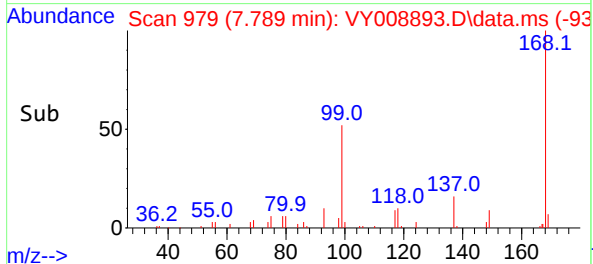
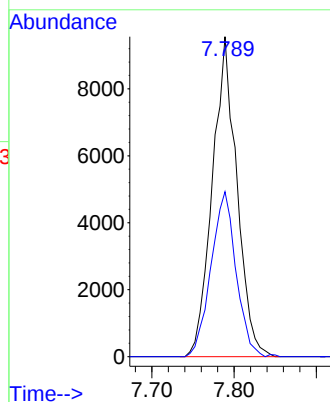


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008893.D
Acq: 20 May 2022 02:15

Instrument :
MSVOA_Y
ClientSampleId :
GC-2

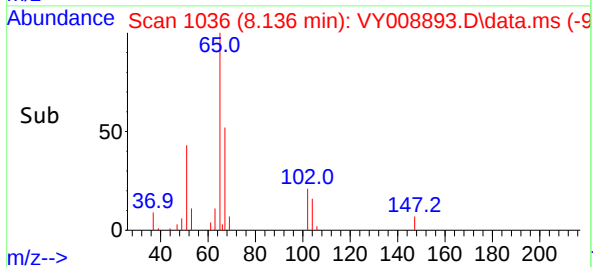
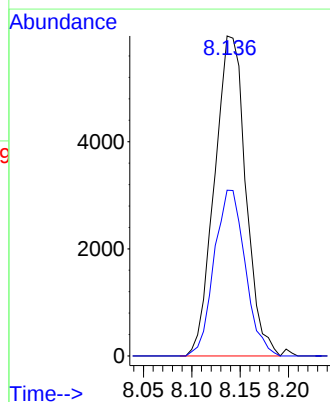
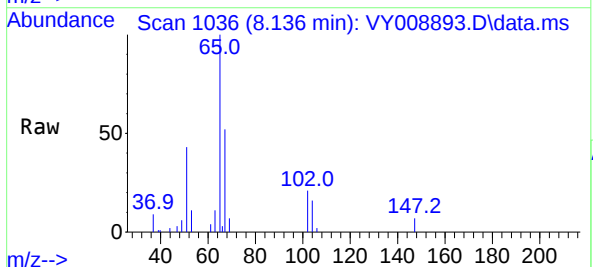


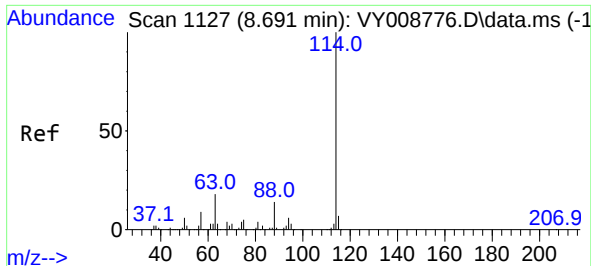
Tgt Ion:168 Resp: 19774
Ion Ratio Lower Upper
168 100
99 51.6 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 73.030 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY008893.D
Acq: 20 May 2022 02:15

Tgt Ion: 65 Resp: 13397
Ion Ratio Lower Upper
65 100
67 51.5 0.0 99.4

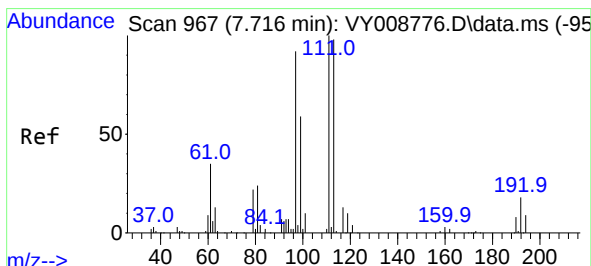
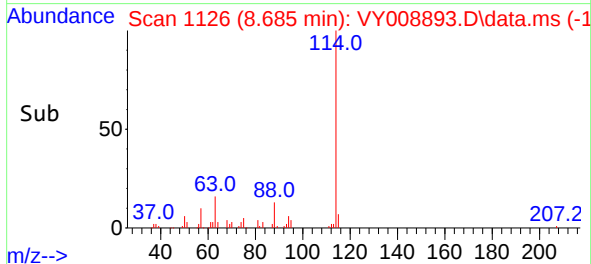
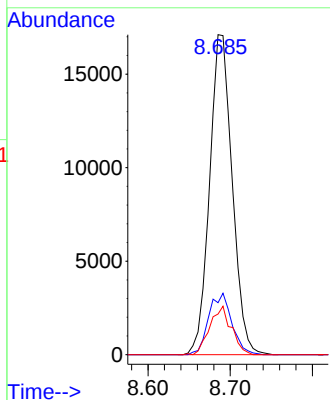
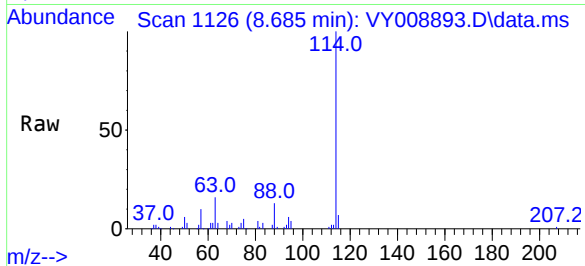




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY008893.D
Acq: 20 May 2022 02:15

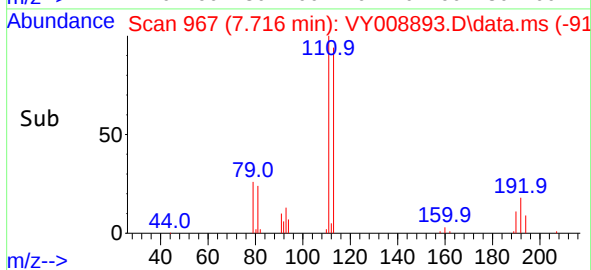
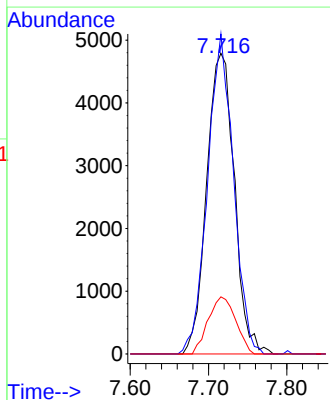
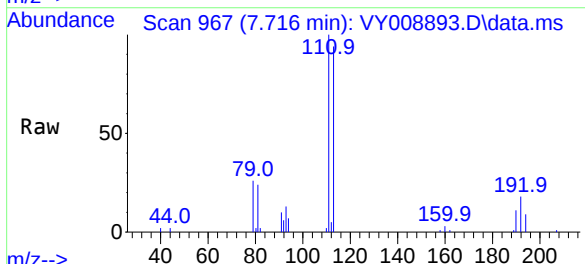
Instrument :
MSVOA_Y
ClientSampleId :
GC-2

Tgt Ion:114	Resp:	32805
Ion	Ratio	Lower Upper
114	100	
63	16.3	0.0 43.2
88	12.7	0.0 31.8



#35
Dibromofluoromethane
Concen: 61.370 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY008893.D
Acq: 20 May 2022 02:15

Tgt Ion:113	Resp:	11763
Ion	Ratio	Lower Upper
113	100	
111	99.4	82.6 124.0
192	18.9	17.6 26.4

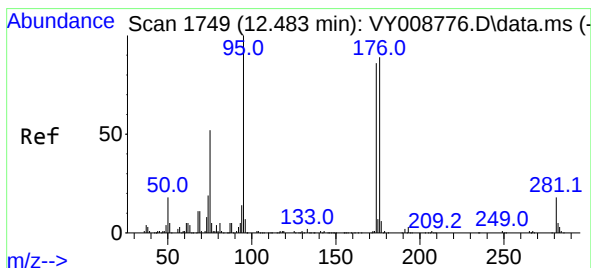
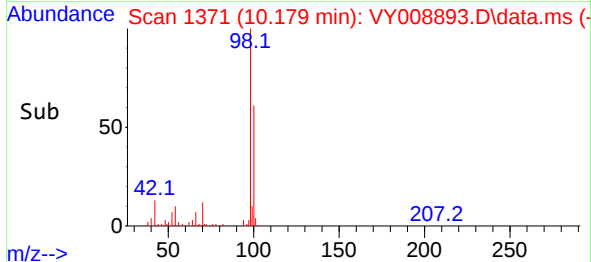
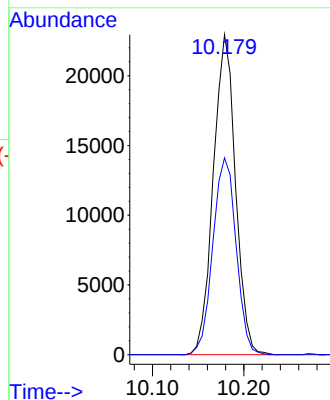
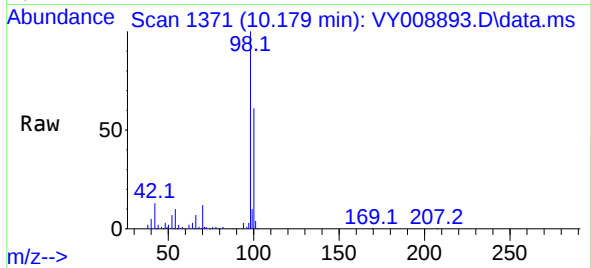




#50
Toluene-d8
Concen: 45.689 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008893.D
Acq: 20 May 2022 02:15

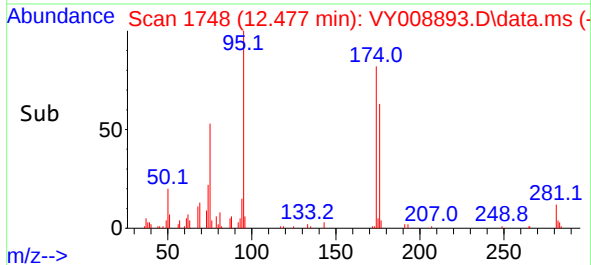
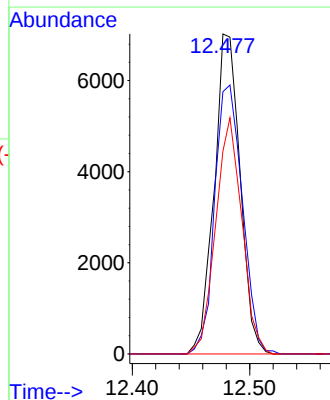
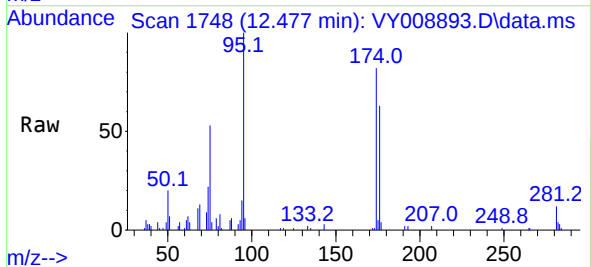
Instrument :
MSVOA_Y
ClientSampleId :
GC-2

Tgt Ion: 98 Resp: 38677
Ion Ratio Lower Upper
98 100
100 64.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 36.439 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY008893.D
Acq: 20 May 2022 02:15

Tgt Ion: 95 Resp: 10770
Ion Ratio Lower Upper
95 100
174 89.8 0.0 177.0
176 74.7 0.0 175.8

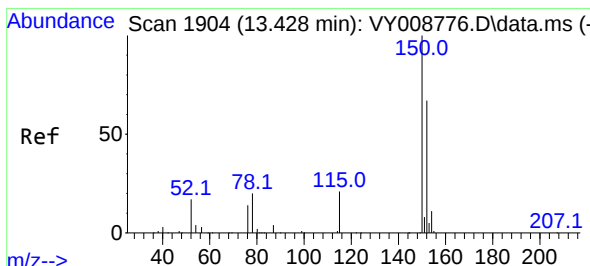
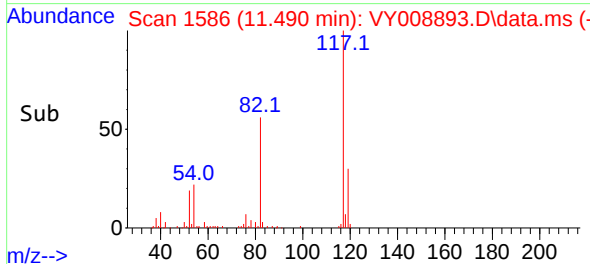
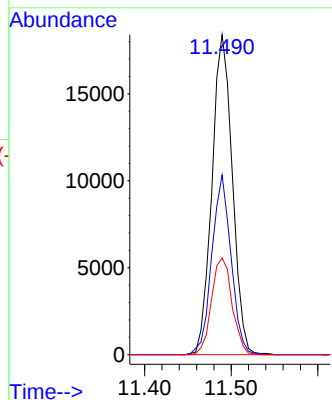
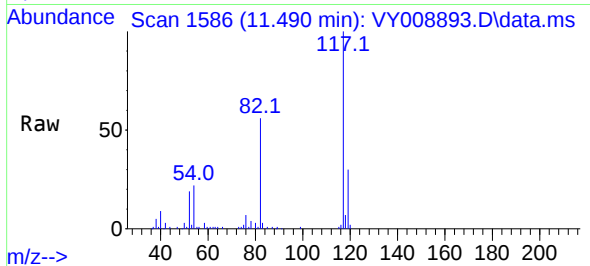




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008893.D
Acq: 20 May 2022 02:15

Instrument :
MSVOA_Y
ClientSampleId :
GC-2

Tgt Ion:	117	Resp:	30088
Ion	Ratio	Lower	Upper
117	100		
82	56.2	43.0	64.4
119	30.2	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: VY008893.D
Acq: 20 May 2022 02:15

Tgt Ion:	152	Resp:	11566
Ion	Ratio	Lower	Upper
152	100		
115	58.5	28.2	84.7
150	153.4	0.0	347.6

