

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051822\
 Data File : VY008837.D
 Acq On : 19 May 2022 01:01
 Operator : KP/MD
 Sample : N2869-10
 Misc : 5.94g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P029-SS001-2430-01

Quant Time: May 19 03:16:30 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	129727	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	231490	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	221552	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	94004	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	81443	67.673	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	135.340%
35) Dibromofluoromethane	7.716	113	74644	55.188	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.380%
50) Toluene-d8	10.179	98	290152	48.372	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.740%
62) 4-Bromofluorobenzene	12.483	95	85325	40.483	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	80.960%

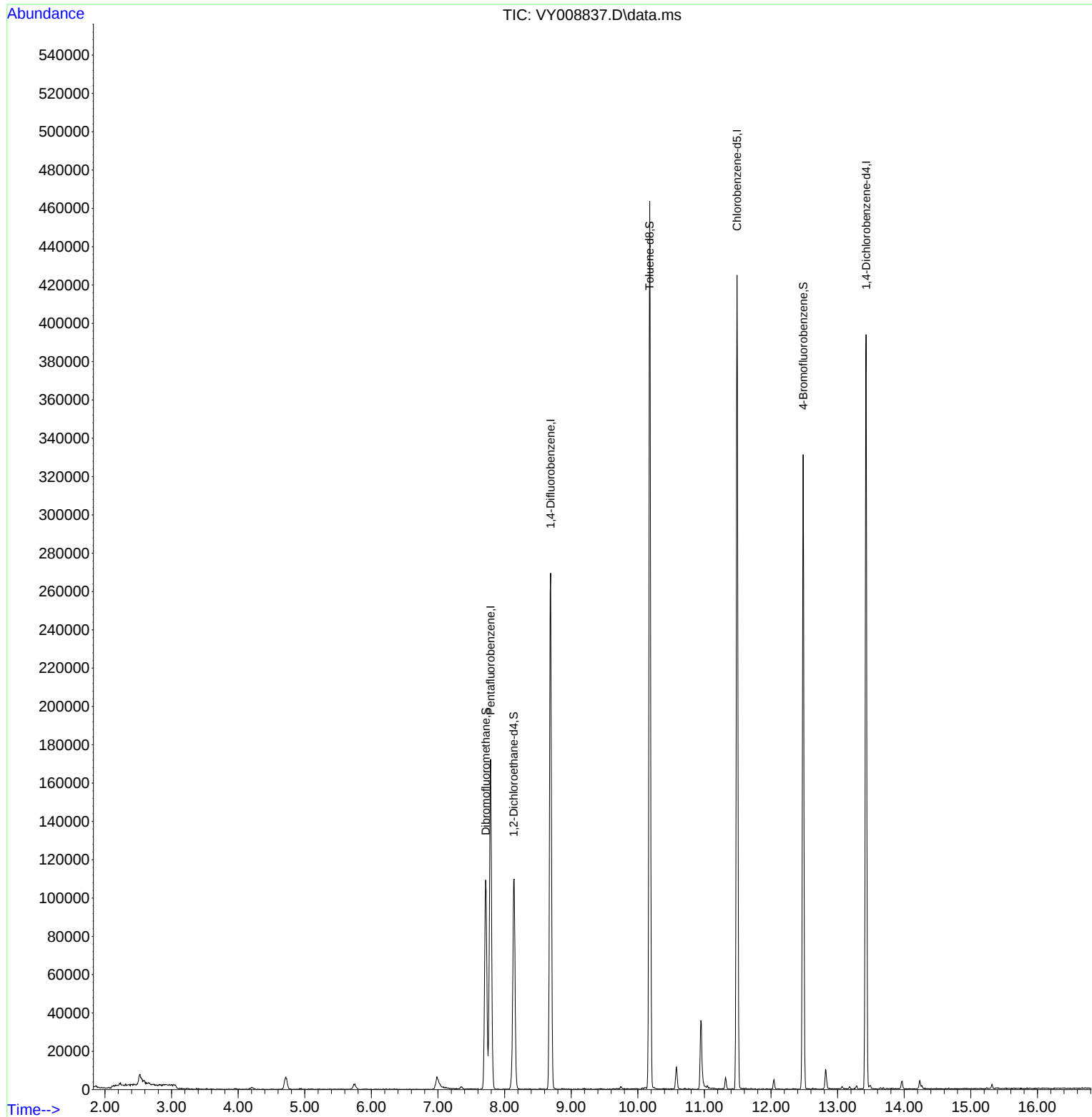
Target Compounds	Qvalue

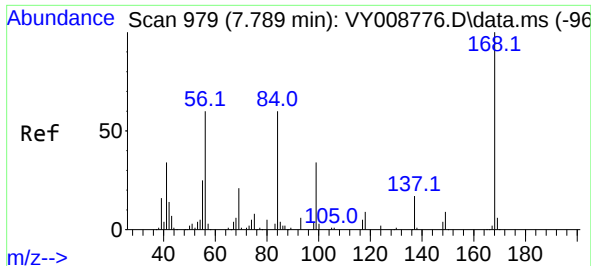
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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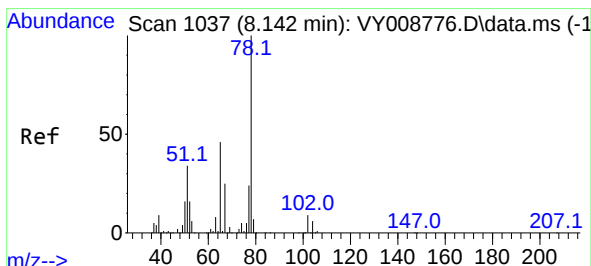
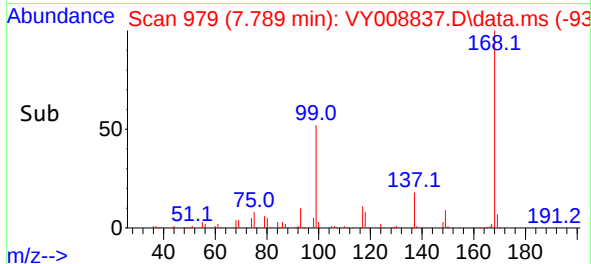
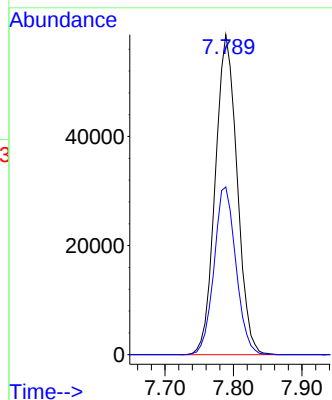
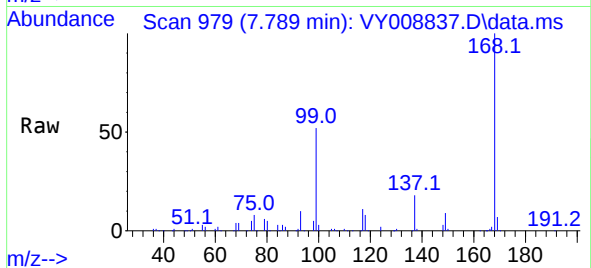




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008837.D
Acq: 19 May 2022 01:01

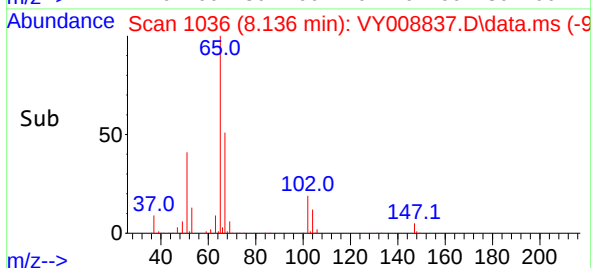
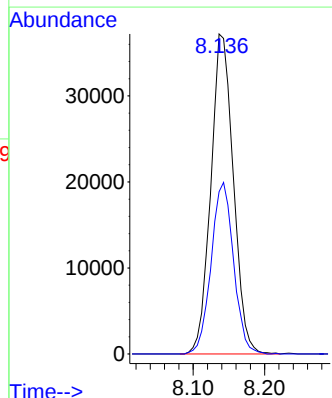
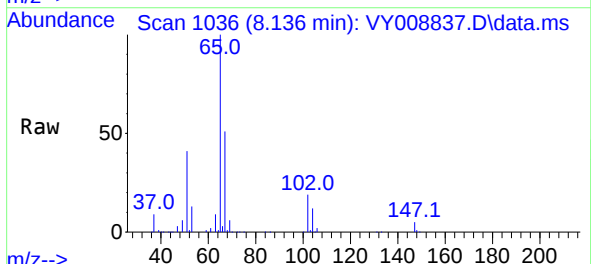
Instrument :
MSVOA_Y
ClientSampleId :
P029-SS001-2430-01

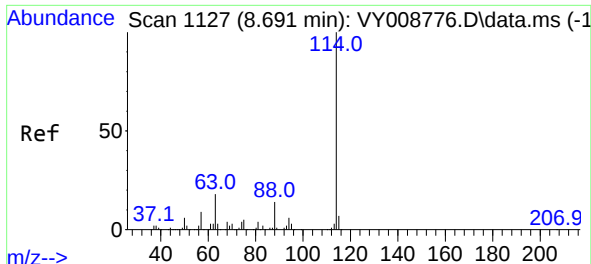
Tgt Ion:168 Resp: 129727
Ion Ratio Lower Upper
168 100
99 52.4 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 67.673 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY008837.D
Acq: 19 May 2022 01:01

Tgt Ion: 65 Resp: 81443
Ion Ratio Lower Upper
65 100
67 53.3 0.0 99.4

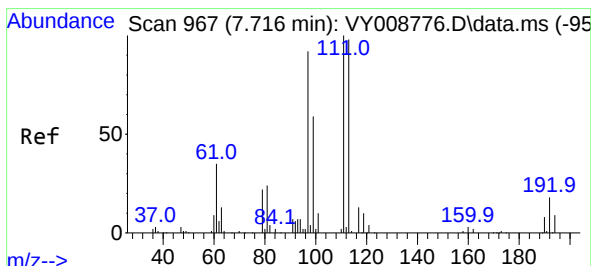
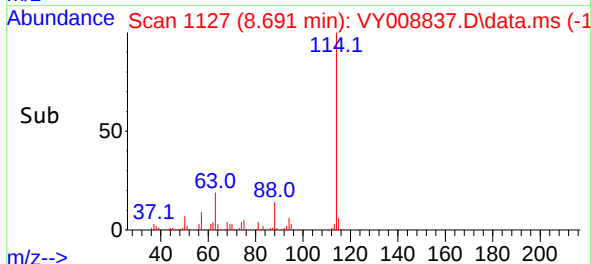
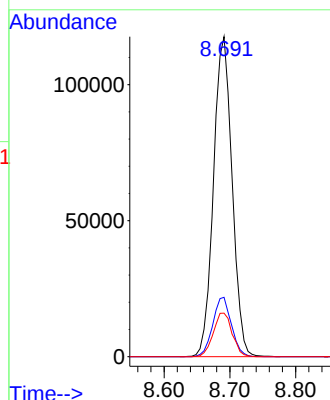
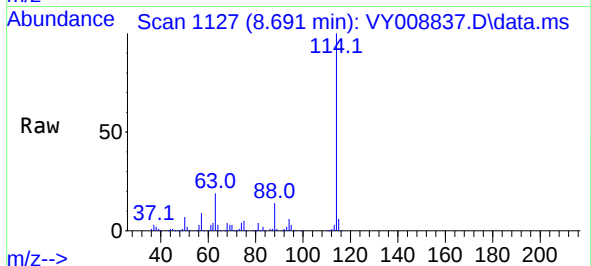




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY008837.D
Acq: 19 May 2022 01:01

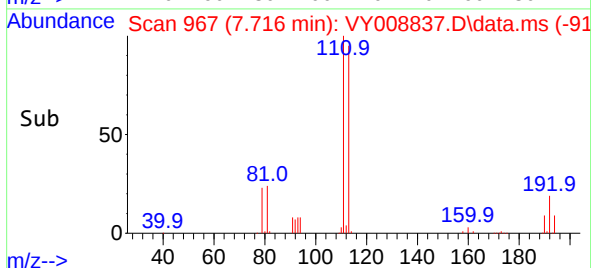
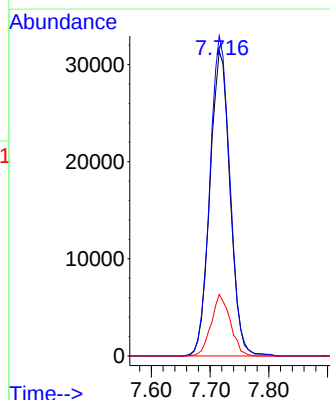
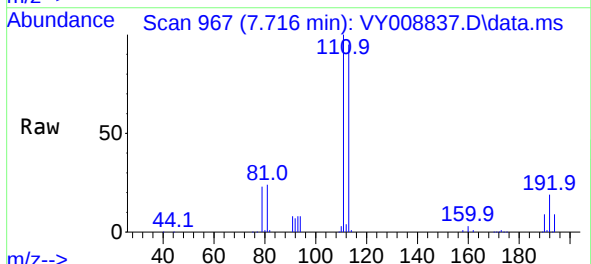
Instrument :
MSVOA_Y
ClientSampleId :
P029-SS001-2430-01

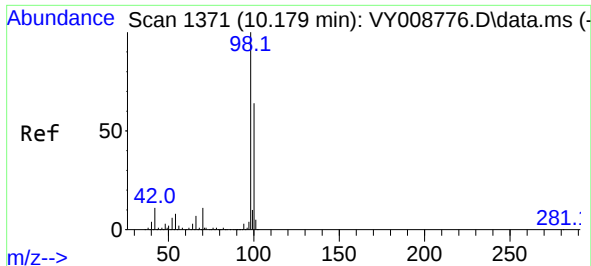
Tgt Ion:	114	Resp:	231490
Ion	Ratio	Lower	Upper
114	100		
63	18.5	0.0	43.2
88	13.6	0.0	31.8



#35
Dibromofluoromethane
Concen: 55.188 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY008837.D
Acq: 19 May 2022 01:01

Tgt Ion:	113	Resp:	74644
Ion	Ratio	Lower	Upper
113	100		
111	104.2	82.6	124.0
192	19.2	17.6	26.4

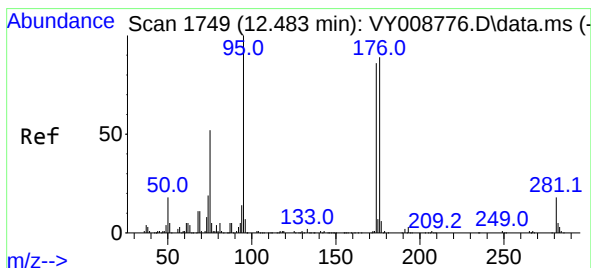
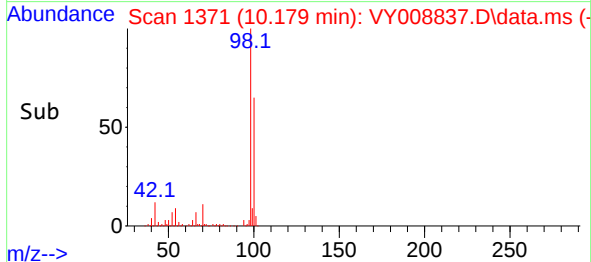
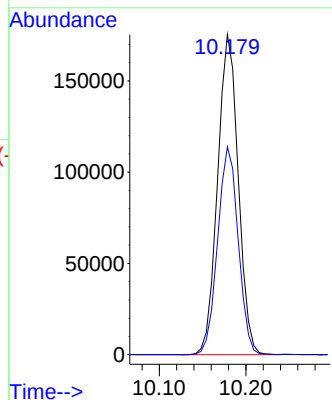
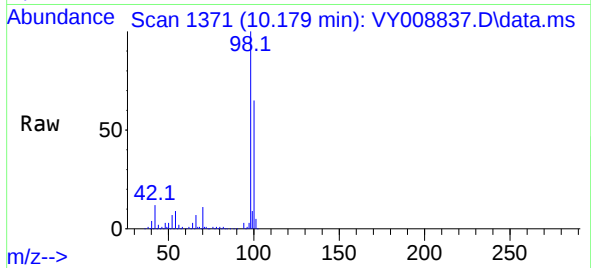




#50
Toluene-d8
Concen: 48.372 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008837.D
Acq: 19 May 2022 01:01

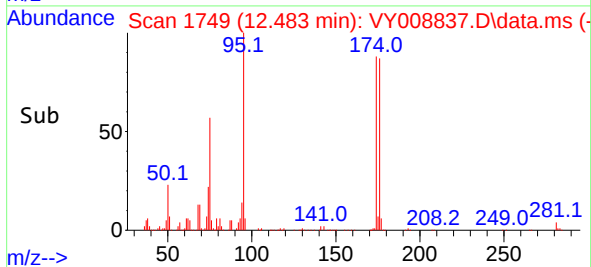
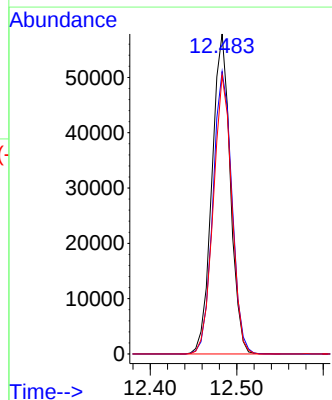
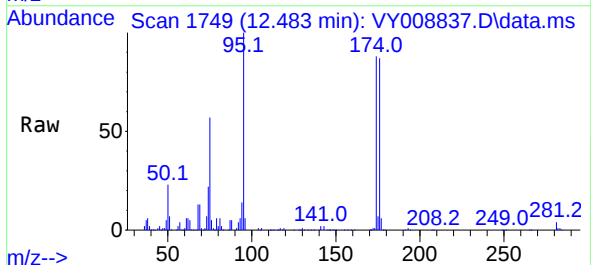
Instrument :
MSVOA_Y
ClientSampleId :
P029-SS001-2430-01

Tgt Ion: 98 Resp: 290152
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 40.483 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008837.D
Acq: 19 May 2022 01:01

Tgt Ion: 95 Resp: 85325
Ion Ratio Lower Upper
95 100
174 91.1 0.0 177.0
176 87.3 0.0 175.8

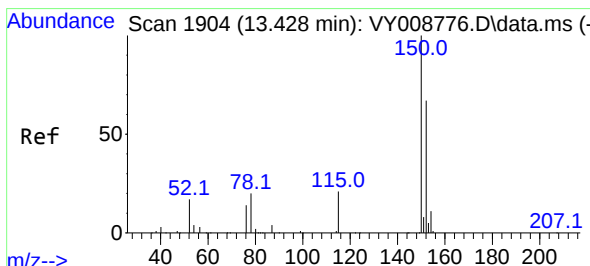
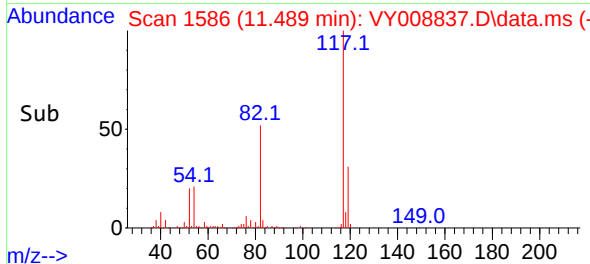
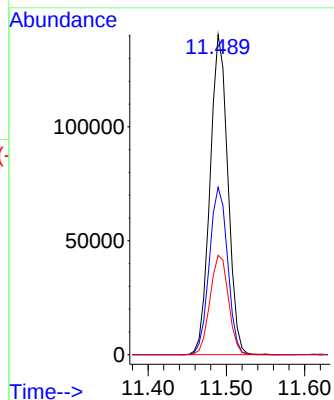
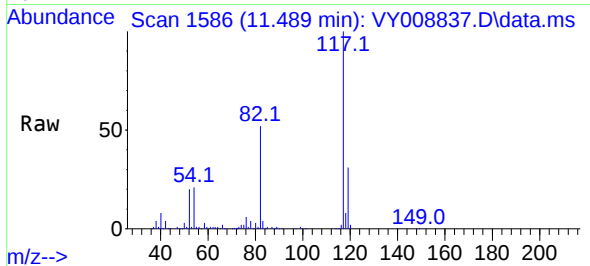




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY008837.D
Acq: 19 May 2022 01:01

Instrument :
MSVOA_Y
ClientSampleId :
P029-SS001-2430-01

Tgt Ion:	117	Resp:	221552
Ion	Ratio	Lower	Upper
117	100		
82	52.3	43.0	64.4
119	31.1	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: VY008837.D
Acq: 19 May 2022 01:01

Tgt Ion:	152	Resp:	94004
Ion	Ratio	Lower	Upper
152	100		
115	57.9	28.2	84.7
150	161.2	0.0	347.6

