

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121620\
 Data File : VY003804.D
 Acq On : 16 Dec 2020 15:02
 Operator : SY/MD
 Sample : L5036-02
 Misc : 5.81G/5ML/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-1

Quant Time: Dec 17 02:53:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y121520S.M
 Quant Title : Sw846 8260
 QLast Update : Wed Dec 16 05:00:50 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.795	168	180121	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	305909	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	259260	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	104639	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	105051	47.03	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.06%		
35) Dibromofluoromethane	7.722	113	94649	42.77	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	85.54%		
50) Toluene-d8	10.179	98	360539	41.15	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	82.30%		
62) 4-Bromofluorobenzene	12.483	95	100130	33.26	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	66.52%		

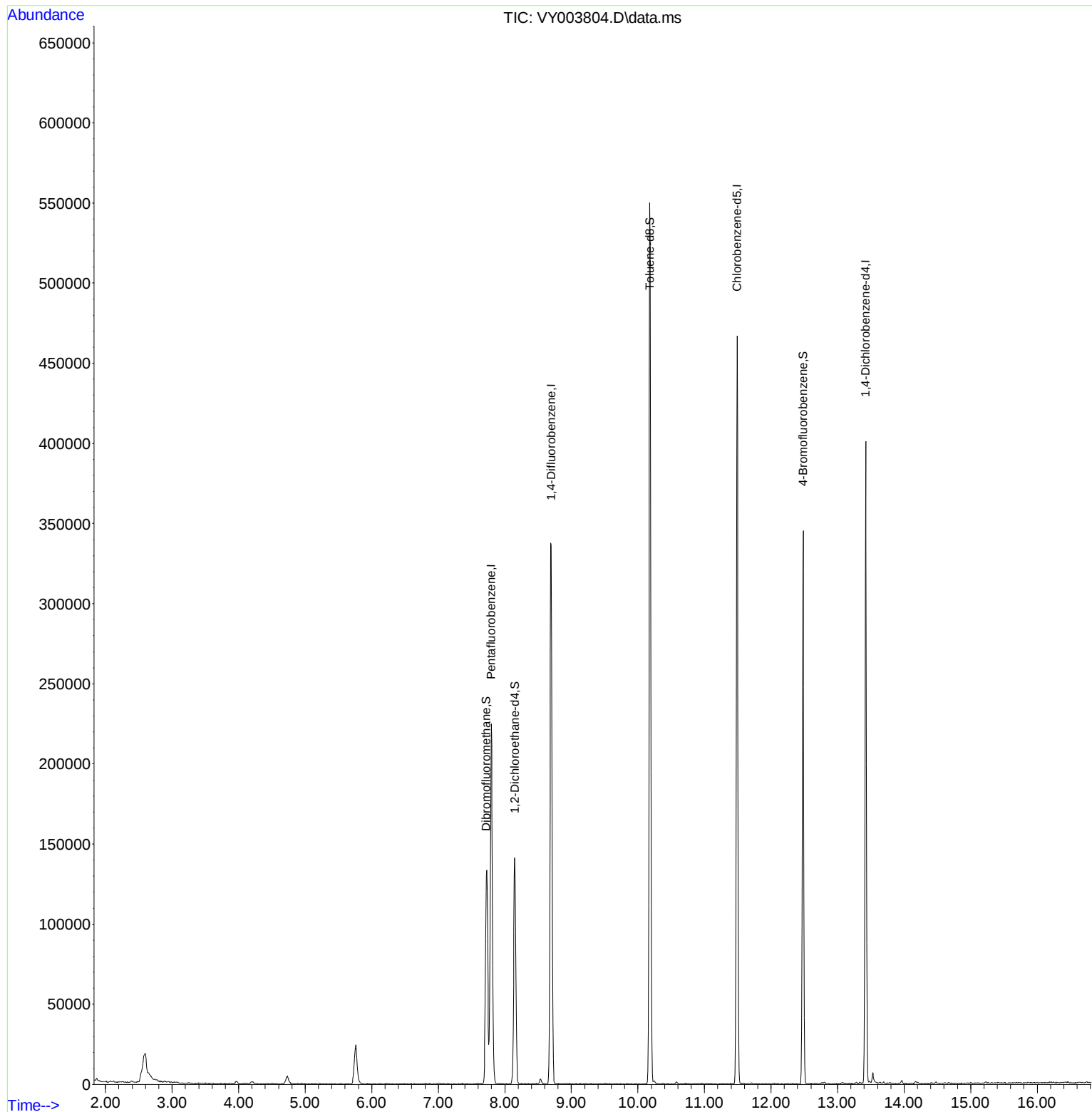
Target Compounds Qvalue

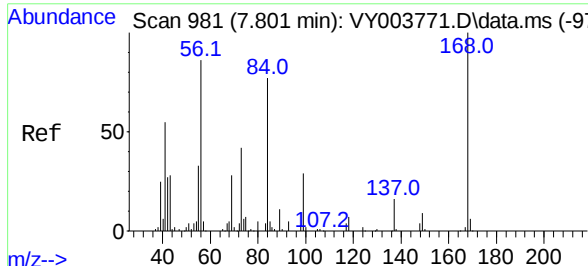
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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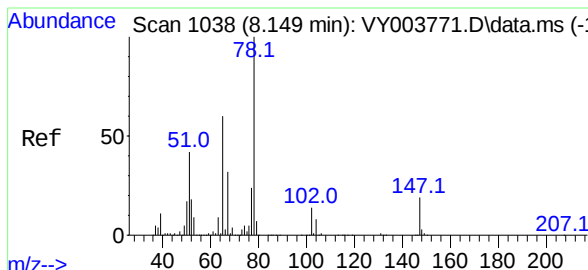
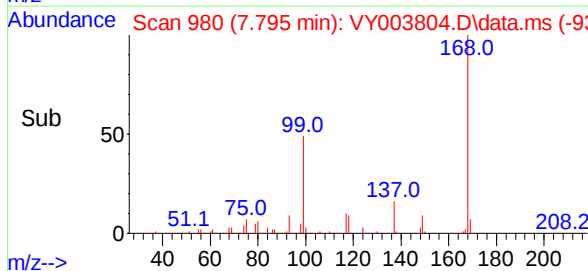
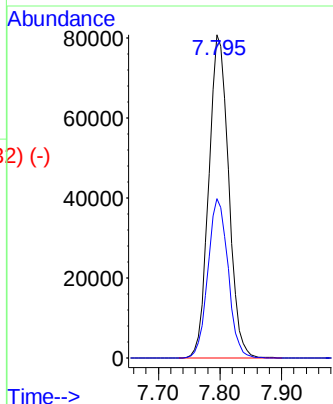
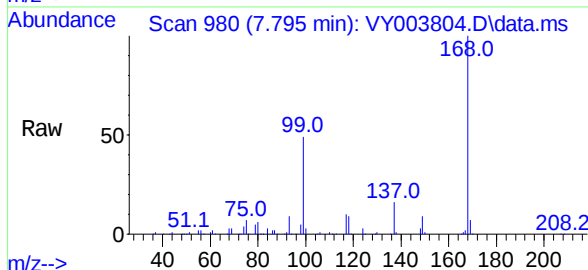




Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 7.795 min Scan# 980
 Delta R.T. -0.006 min
 Lab File: VY003804.D
 Acq: 16 Dec 2020 15:02

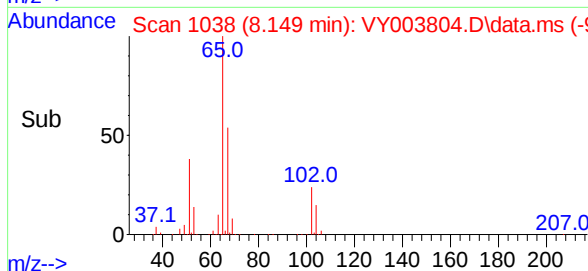
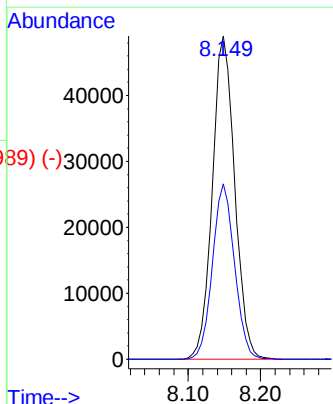
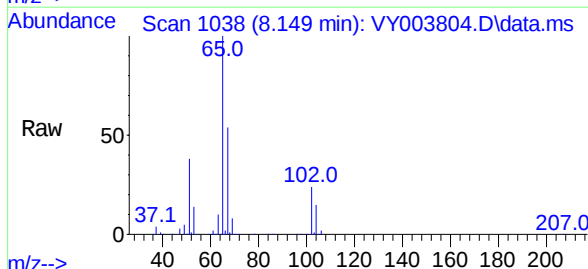
Instrument :
 MSVOA_Y
 ClientSampled :
 B-1

Tgt Ion:168 Resp: 180121
 Ion Ratio Lower Upper
 168 100
 99 49.2 41.9 62.9

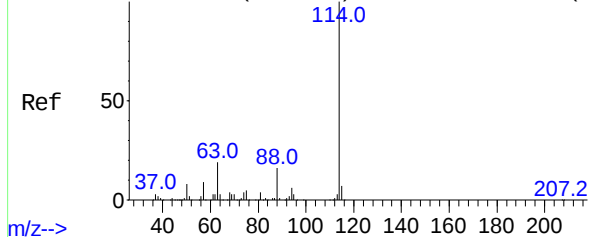


1,2-Dichloroethane-d4
 Concen: 47.03 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. -0.000 min
 Lab File: VY003804.D
 Acq: 16 Dec 2020 15:02

Tgt Ion: 65 Resp: 105051
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 107.6



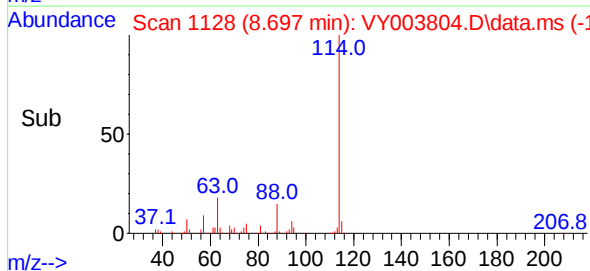
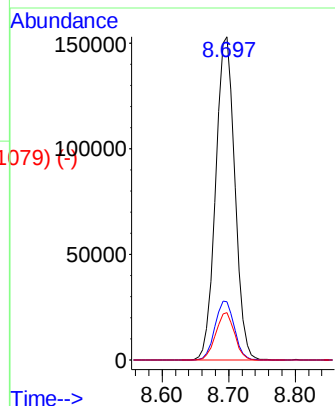
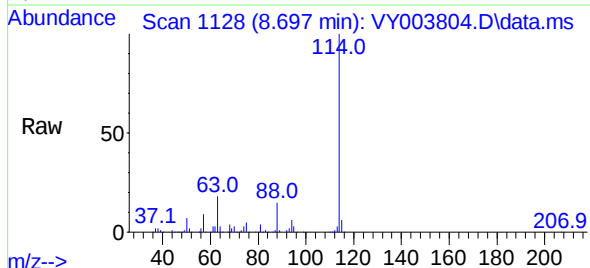
Abundance Scan 1128 (8.697 min): VY003771.D\data.ms (-1118)



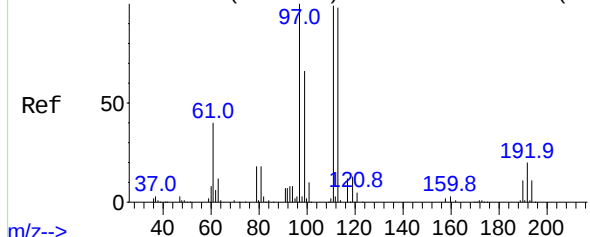
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY003804.D
Acq: 16 Dec 2020 15:02

Instrument :
MSVOA_Y
ClientSampled :
B-1

Tgt Ion:	114	Resp:	305909
Ion	Ratio	Lower	Upper
114	100		
63	18.1	0.0	38.4
88	14.6	0.0	31.8

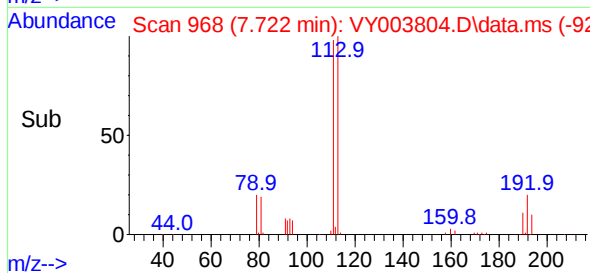
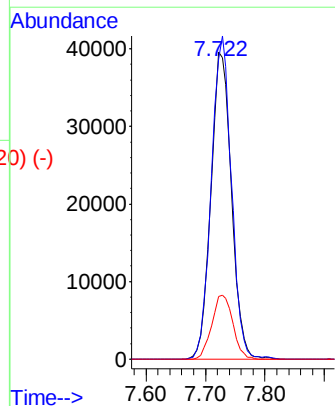
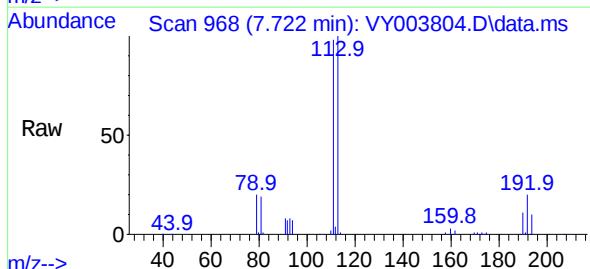


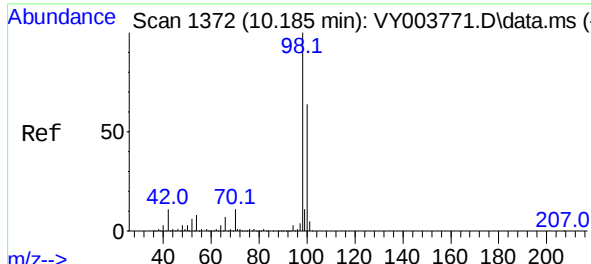
Abundance Scan 969 (7.728 min): VY003771.D\data.ms (-958)



Dibromofluoromethane
Concen: 42.77 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY003804.D
Acq: 16 Dec 2020 15:02

Tgt Ion:	113	Resp:	94649
Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.2	123.2
192	21.3	16.7	25.1

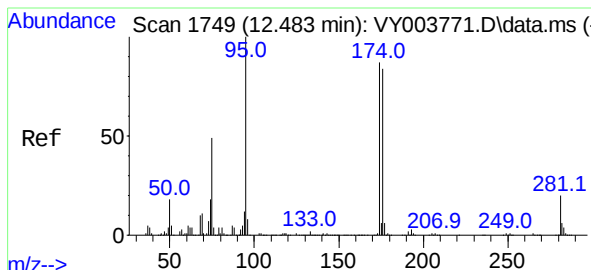
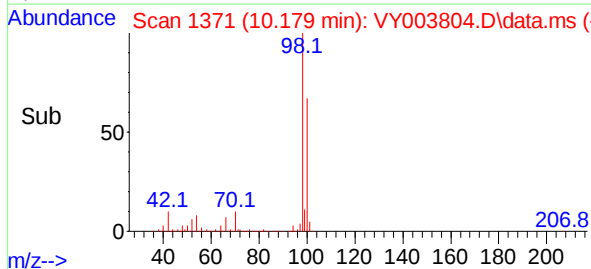
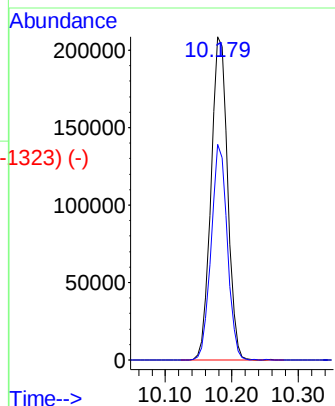
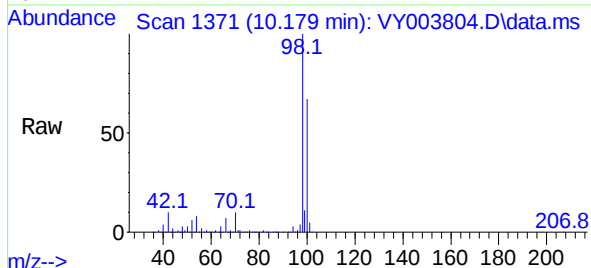




Toluene-d8
Concen: 41.15 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY003804.D
Acq: 16 Dec 2020 15:02

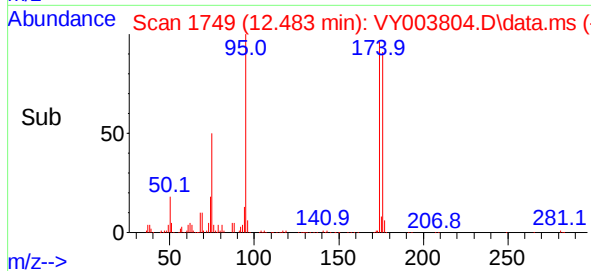
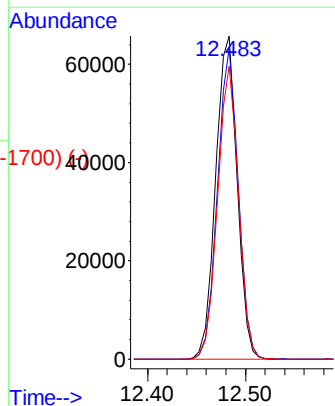
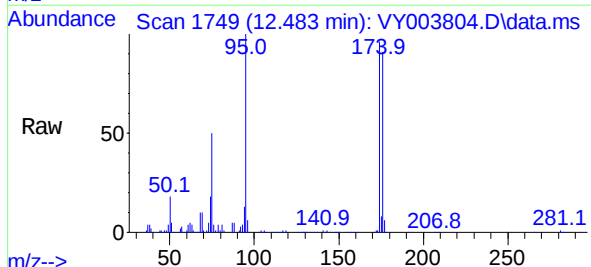
Instrument :
MSVOA_Y
ClientSampleId :
B-1

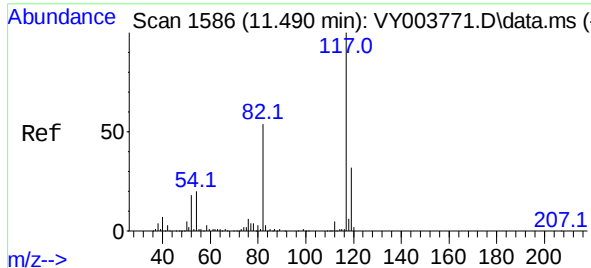
Tgt Ion: 98 Resp: 360539
Ion Ratio Lower Upper
98 100
100 65.0 51.6 77.4



4-Bromofluorobenzene
Concen: 33.26 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY003804.D
Acq: 16 Dec 2020 15:02

Tgt Ion: 95 Resp: 100130
Ion Ratio Lower Upper
95 100
174 93.1 0.0 170.8
176 88.4 0.0 165.0

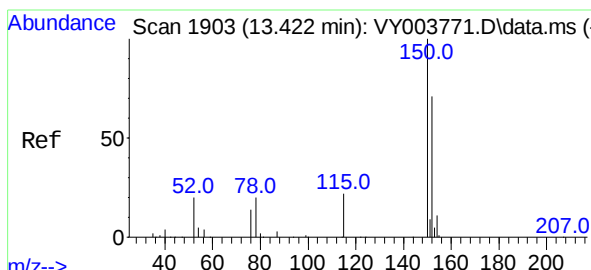
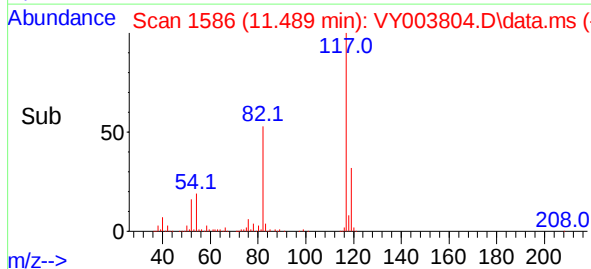
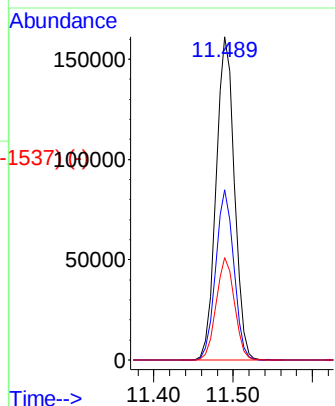
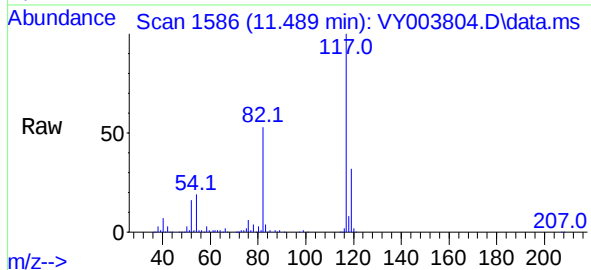




Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY003804.D
Acq: 16 Dec 2020 15:02

Instrument :
MSVOA_Y
ClientSampled :
B-1

Tgt Ion:	117	Resp:	259260
Ion	Ratio	Lower	Upper
117	100		
82	52.6	43.0	64.6
119	31.7	25.7	38.5



1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY003804.D
Acq: 16 Dec 2020 15:02

Tgt Ion:	152	Resp:	104639
Ion	Ratio	Lower	Upper
152	100		
115	53.5	28.0	83.9
150	154.0	0.0	347.6

