

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121520\
 Data File : VY003789.D
 Acq On : 15 Dec 2020 21:08
 Operator : SY/MD
 Sample : L5012-02
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC

Quant Time: Dec 16 05:10:48 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	7.801	168	218984	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	373994	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	348394	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	168557	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	141612	52.14	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.28%			
35) Dibromofluoromethane	7.728	113	119674	44.24	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 88.48%			
50) Toluene-d8	10.179	98	451567	42.16	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 84.32%			
62) 4-Bromofluorobenzene	12.483	95	152997	41.57	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 83.14%			

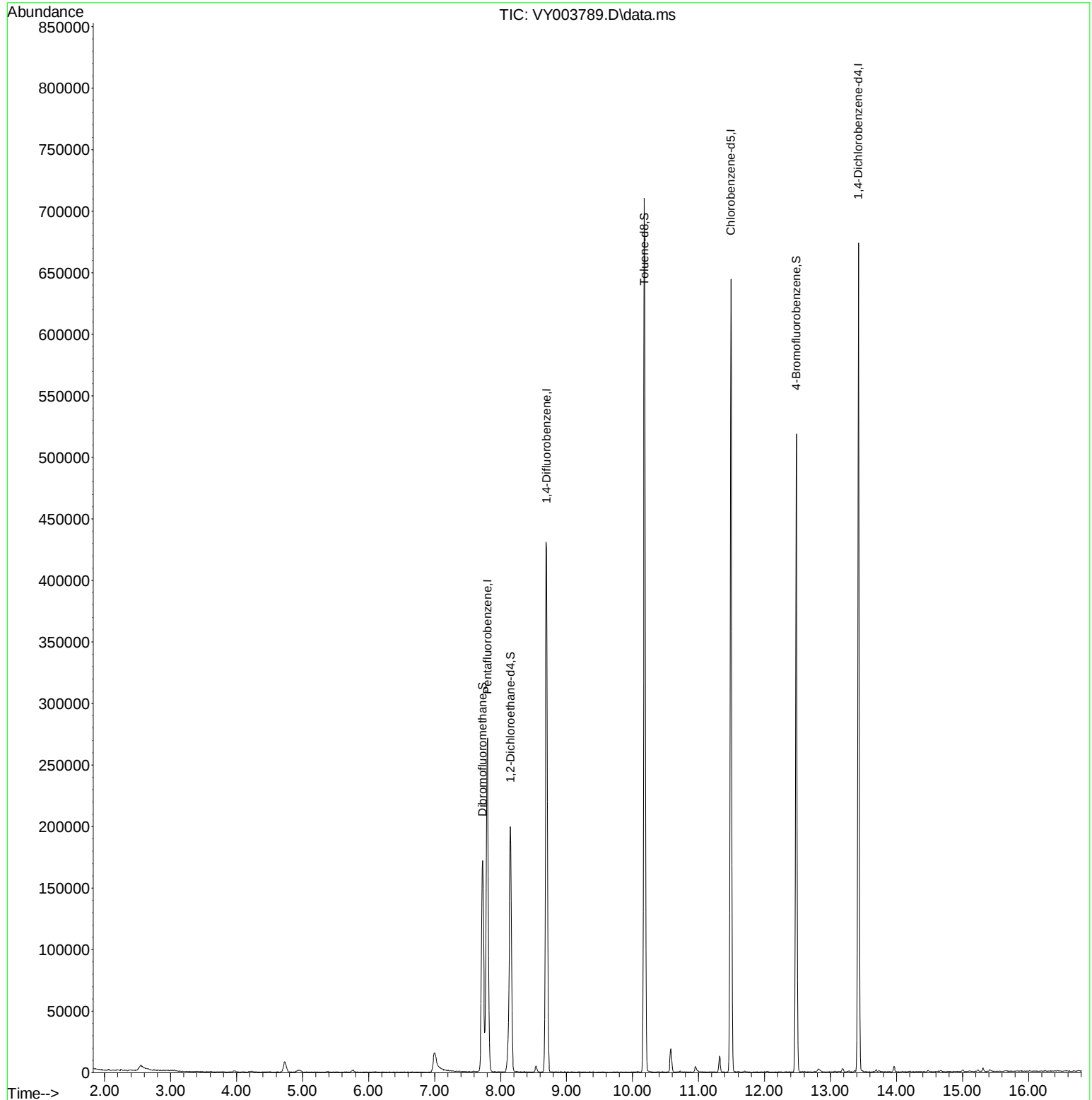
Target Compounds Qvalue

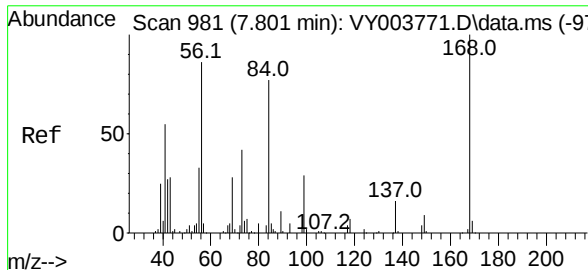
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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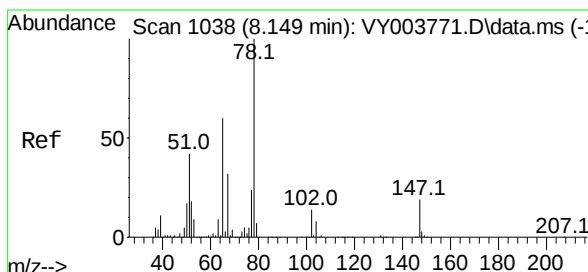
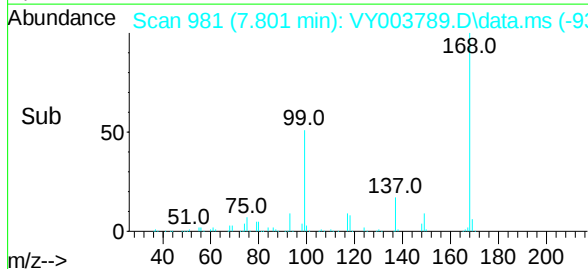
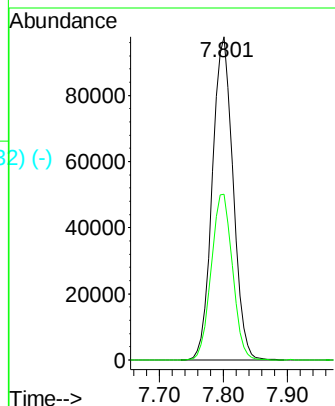
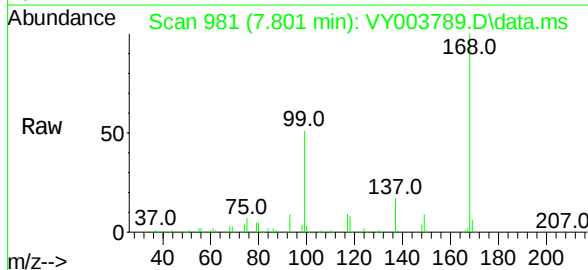




Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 7.801 min Scan# 981
 Delta R.T. 0.000 min
 Lab File: VY003789.D
 Acq: 15 Dec 2020 21:08

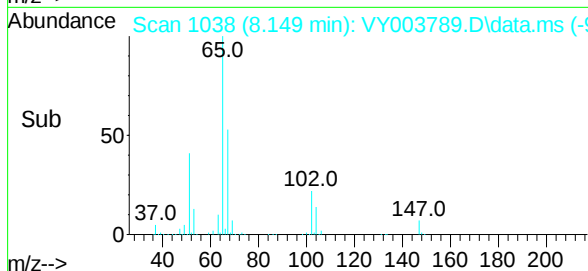
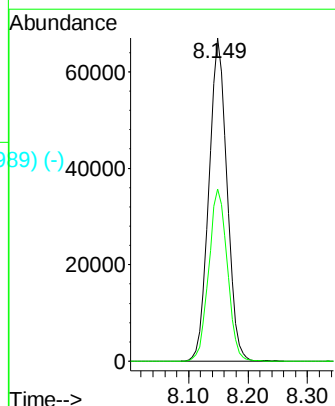
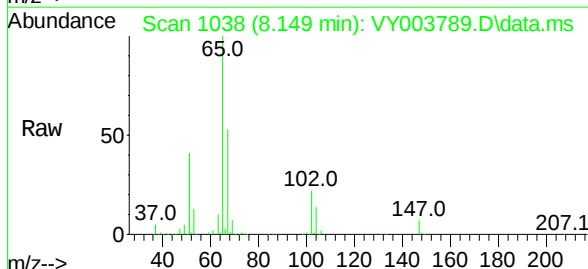
Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC

Tgt Ion:168 Resp: 218984
 Ion Ratio Lower Upper
 168 100
 99 51.3 41.9 62.9

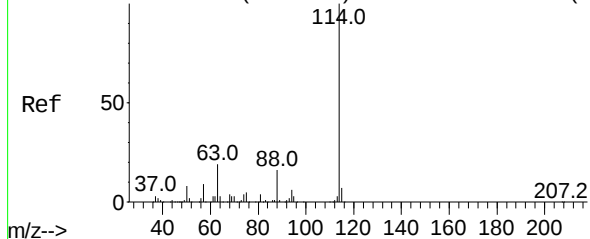


1,2-Dichloroethane-d4
 Concen: 52.14 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. 0.000 min
 Lab File: VY003789.D
 Acq: 15 Dec 2020 21:08

Tgt Ion: 65 Resp: 141612
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 107.6



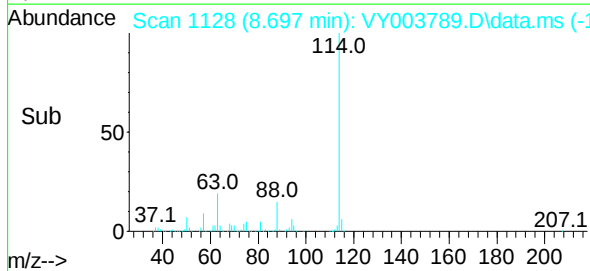
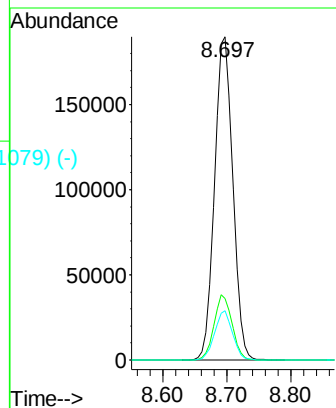
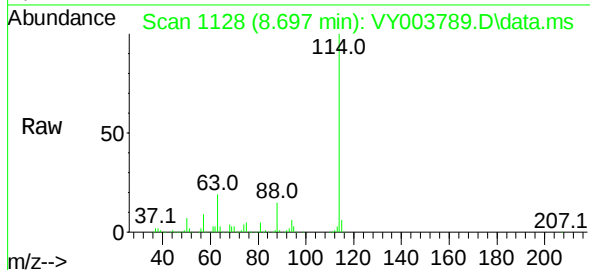
Abundance Scan 1128 (8.697 min): VY003771.D\data.ms (-1116)



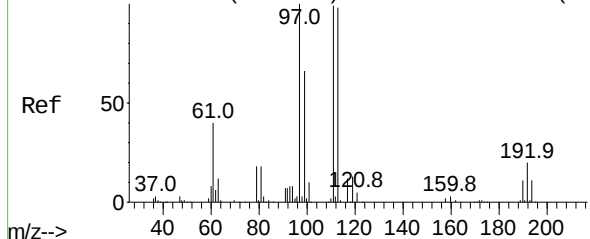
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY003789.D
Acq: 15 Dec 2020 21:08

Instrument :
MSVOA_Y
ClientSampled :
VOC

Tgt Ion:	114	Resp:	373994
Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	38.4
88	15.3	0.0	31.8

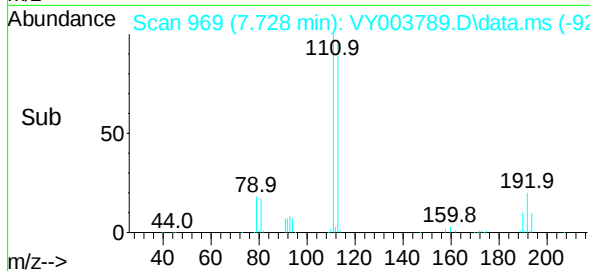
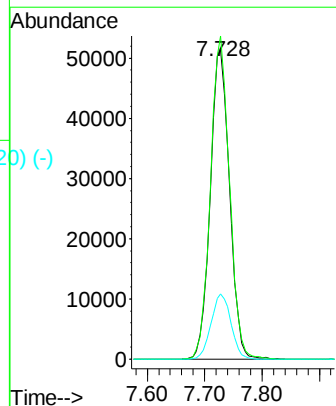
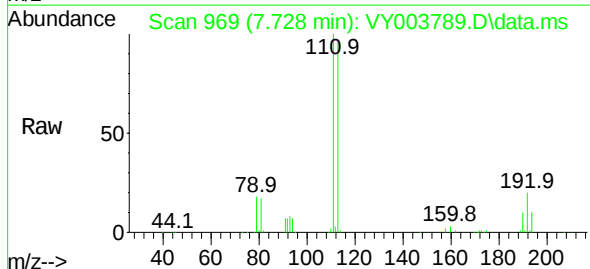


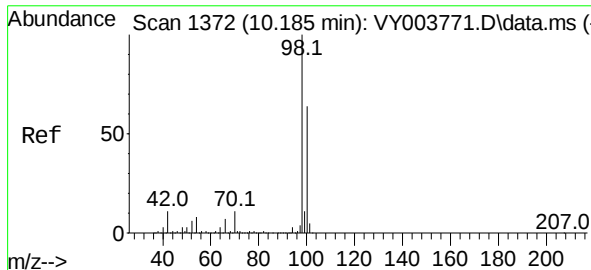
Abundance Scan 969 (7.728 min): VY003771.D\data.ms (-958)



Dibromofluoromethane
Concen: 44.24 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY003789.D
Acq: 15 Dec 2020 21:08

Tgt Ion:	113	Resp:	119674
Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.2	123.2
192	21.6	16.7	25.1

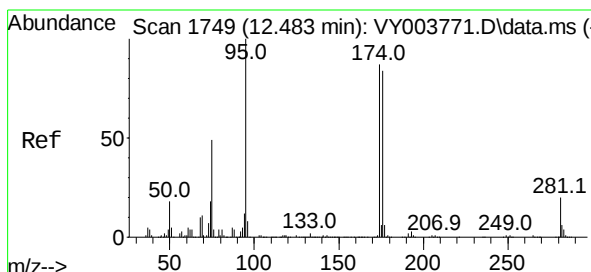
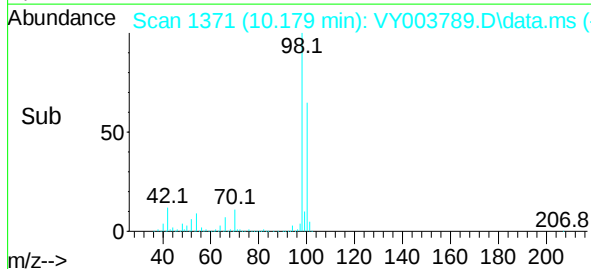
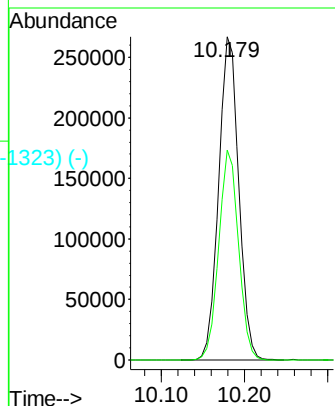
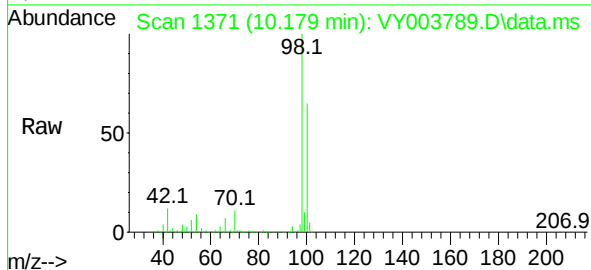




Scan 1372 (10.185 min): VY003771.D\data.ms (-1359)
 Toluene-d8
 Concen: 42.16 ug/l
 RT: 10.179 min Scan# 1371
 Delta R.T. -0.006 min
 Lab File: VY003789.D
 Acq: 15 Dec 2020 21:08

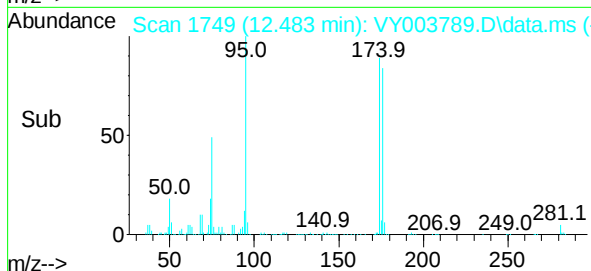
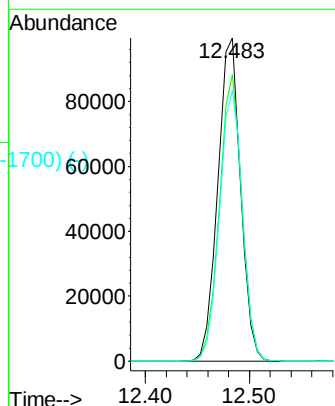
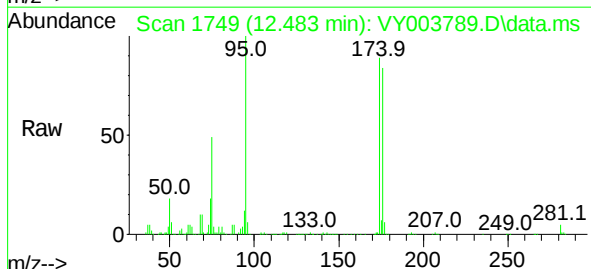
Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC

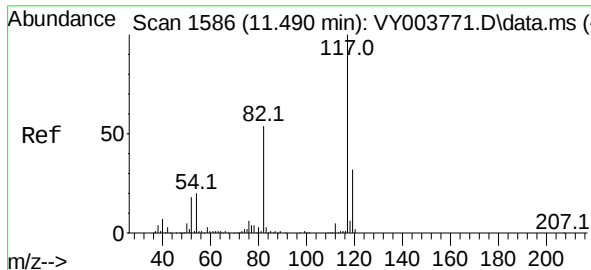
Tgt Ion: 98 Resp: 451567
 Ion Ratio Lower Upper
 98 100
 100 64.0 51.6 77.4



Scan 1749 (12.483 min): VY003771.D\data.ms (-1702)
 4-Bromofluorobenzene
 Concen: 41.57 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.000 min
 Lab File: VY003789.D
 Acq: 15 Dec 2020 21:08

Tgt Ion: 95 Resp: 152997
 Ion Ratio Lower Upper
 95 100
 174 88.3 0.0 170.8
 176 84.5 0.0 165.0

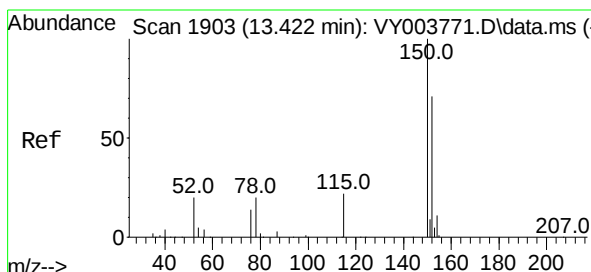
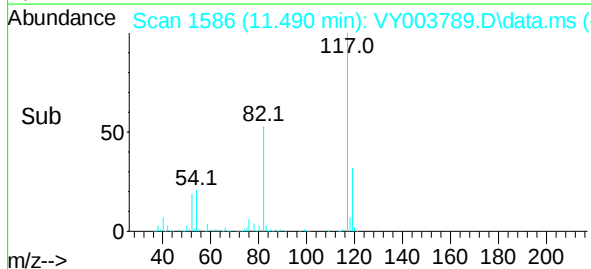
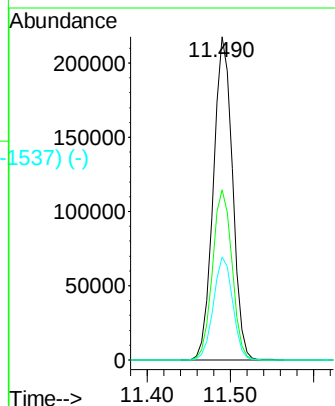
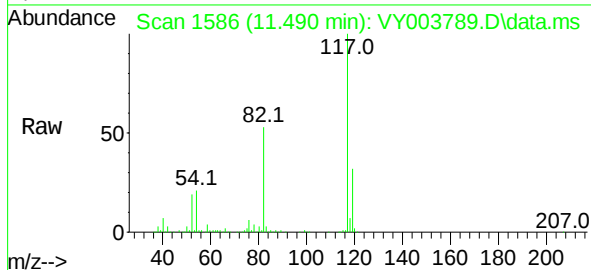




Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY003789.D
Acq: 15 Dec 2020 21:08

Instrument :
MSVOA_Y
ClientSampleId :
VOC

Tgt Ion:	117	Resp:	348394
Ion	Ratio	Lower	Upper
117	100		
82	52.8	43.0	64.6
119	31.9	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: VY003789.D
Acq: 15 Dec 2020 21:08

Tgt Ion:	152	Resp:	168557
Ion	Ratio	Lower	Upper
152	100		
115	56.1	28.0	83.9
150	158.5	0.0	347.6

