Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD102620\
Data File : VD067389.D
Acq On : 26 Oct 2020 13:44
Operator : VA/SY
Sample : L4512-02
Misc : 5.03G/5.00ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : VOC

Quant Time: Oct 27 01:17:04 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
Quant Title : SW846 8260
QLast Update : Mon Oct 19 19:13:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	320887	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	515054	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	492582	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	240615	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	154438	48.04	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.08%			
35) Dibromofluoromethane	7.92	113	163798	47.79	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.58%			
50) Toluene-d8	10.34	98	603330	48.64	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.28%			
62) 4-Bromofluorobenzene	12.64	95	208783	48.40	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.80%			

Target Compounds	Qvalue

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

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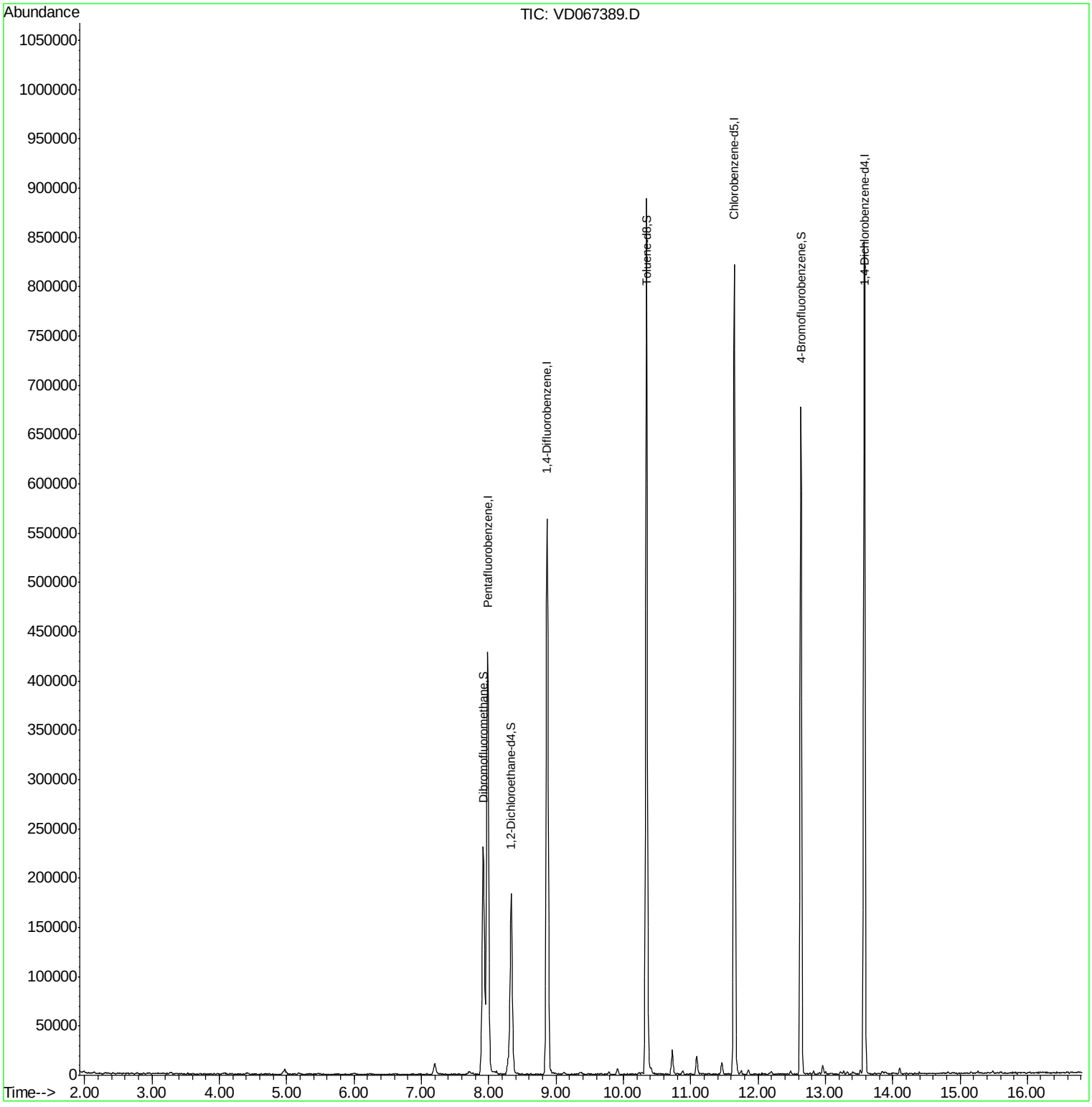
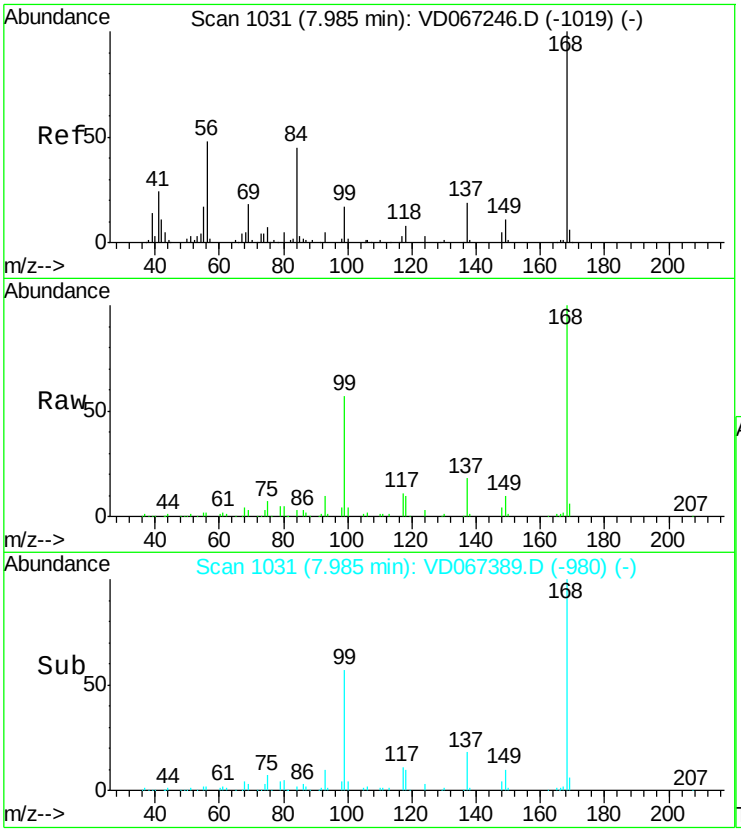


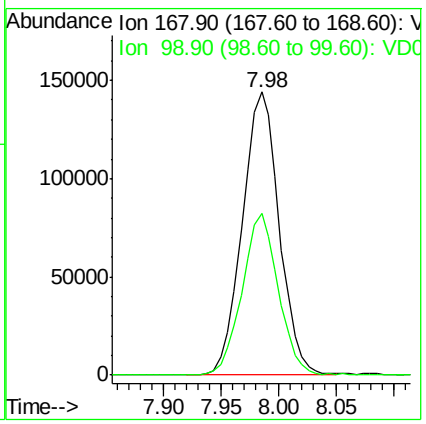


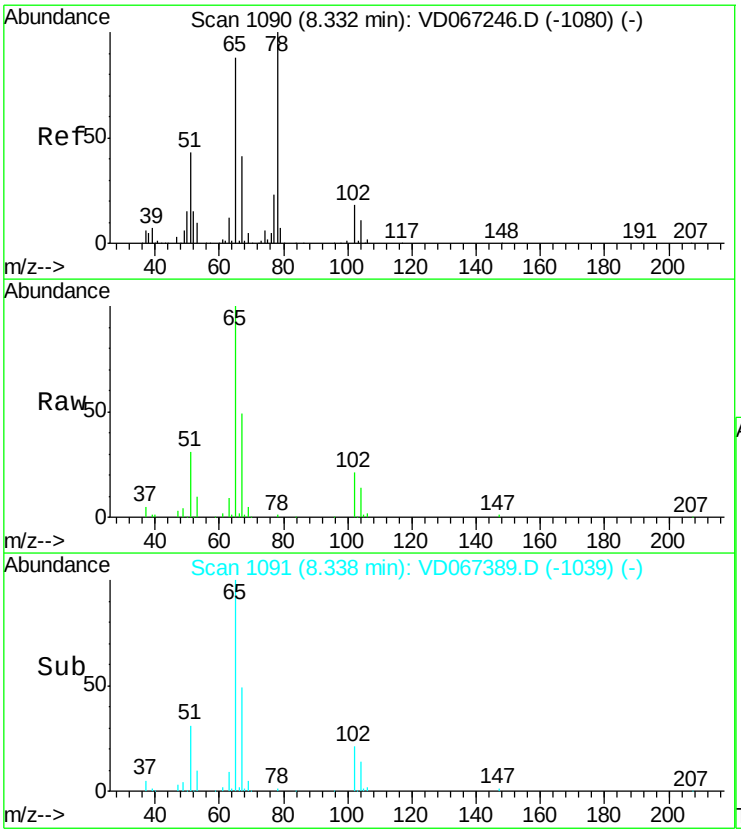
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD067389.D
Acq: 26 Oct 2020 13:44

Instrument :
MSVOA_D
ClientSampleId :
VOC

Tgt Ion:168 Resp: 320887

Ion	Ratio	Lower	Upper
168	100		
99	56.9	45.9	68.9

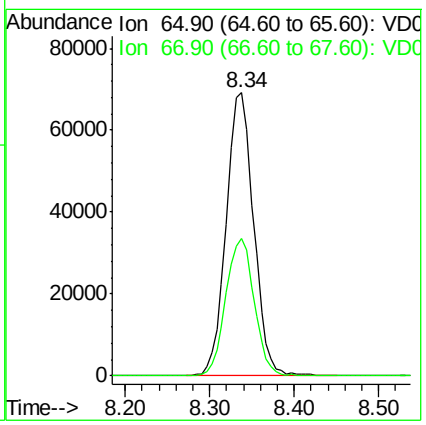


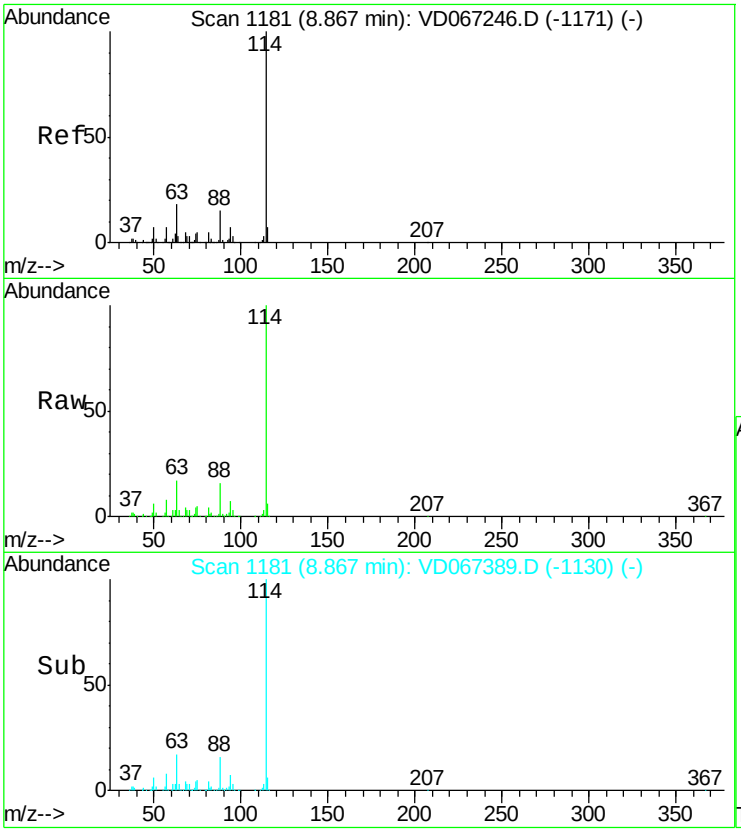


#33
1,2-Dichloroethane-d4
Concen: 48.040 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. 0.01 min
Lab File: VD067389.D
Acq: 26 Oct 2020 13:44

Tgt Ion: 65 Resp: 154438

Ion	Ratio	Lower	Upper
65	100		
67	50.2	0.0	103.8



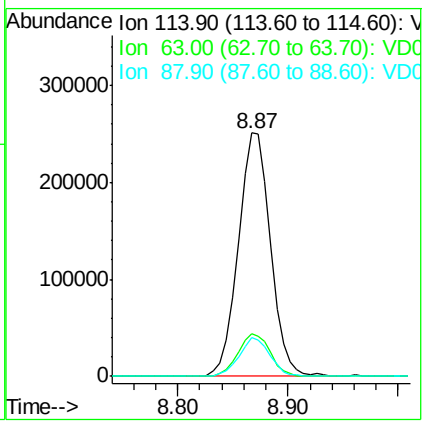


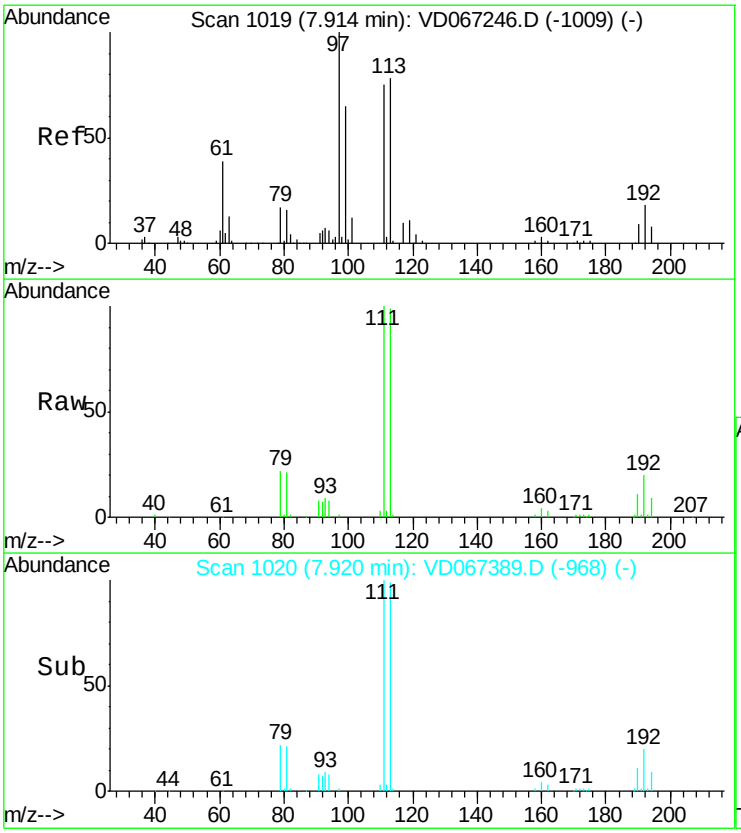
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VD067389.D
Acq: 26 Oct 2020 13:44

Instrument :
MSVOA_D
ClientSampleId :
VOC

Tgt Ion:114 Resp: 515054

Ion	Ratio	Lower	Upper
114	100		
63	17.5	0.0	35.0
88	15.7	0.0	30.6

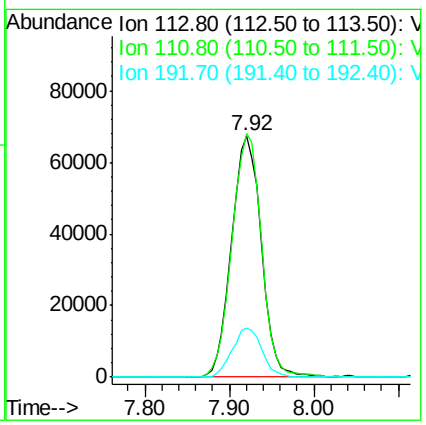


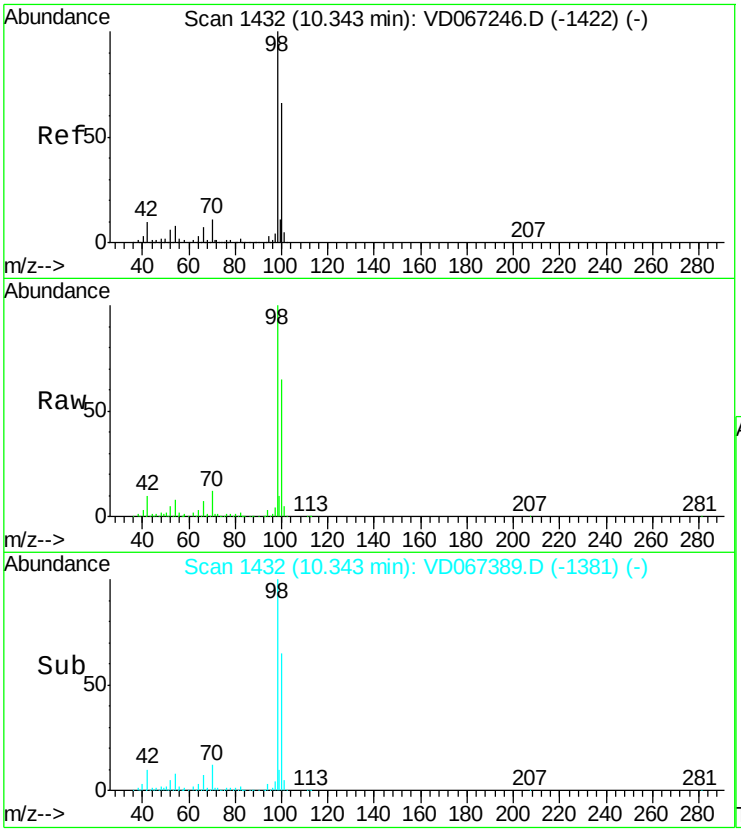


#35
Dibromofluoromethane
Concen: 47.787 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.01 min
Lab File: VD067389.D
Acq: 26 Oct 2020 13:44

Tgt Ion:113 Resp: 163798

Ion	Ratio	Lower	Upper
113	100		
111	100.4	81.6	122.4
192	20.1	17.0	25.4



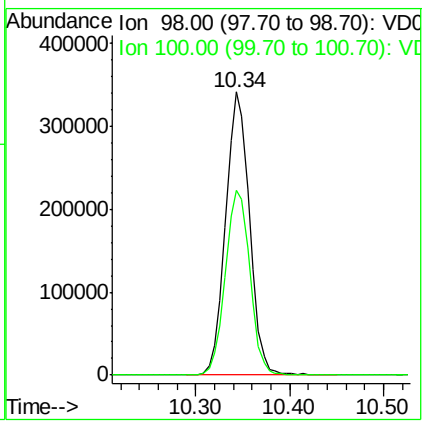


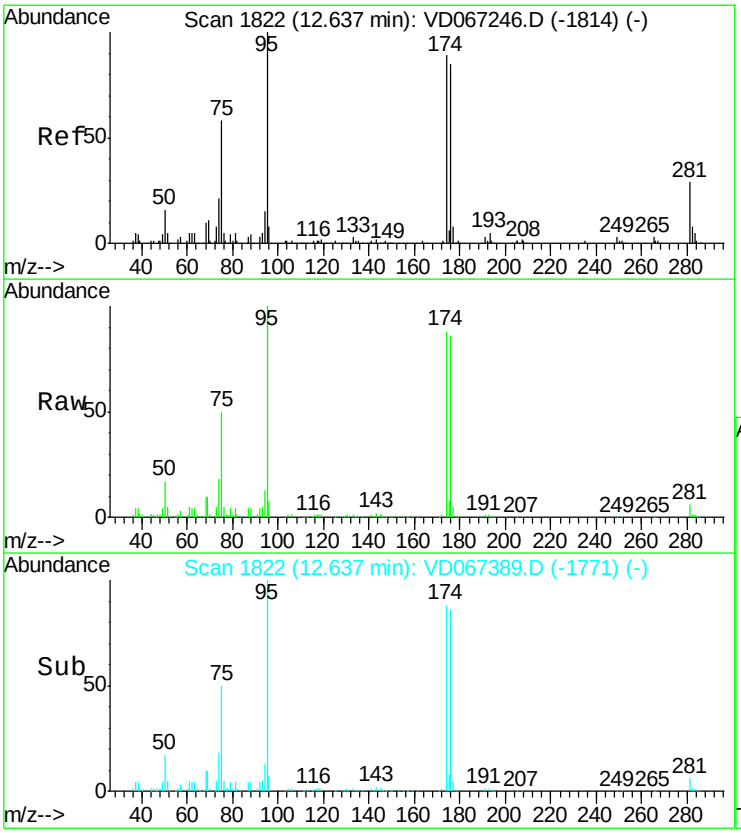
#50
Toluene-d8
Concen: 48.638 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067389.D
Acq: 26 Oct 2020 13:44

Instrument :
MSVOA_D
ClientSampleId :
VOC

Tgt Ion: 98 Resp: 603330

Ion	Ratio	Lower	Upper
98	100		
100	66.8	53.1	79.7

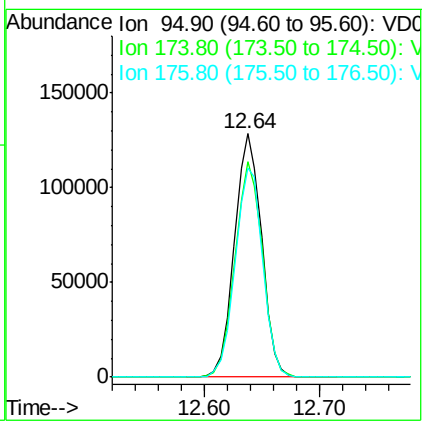


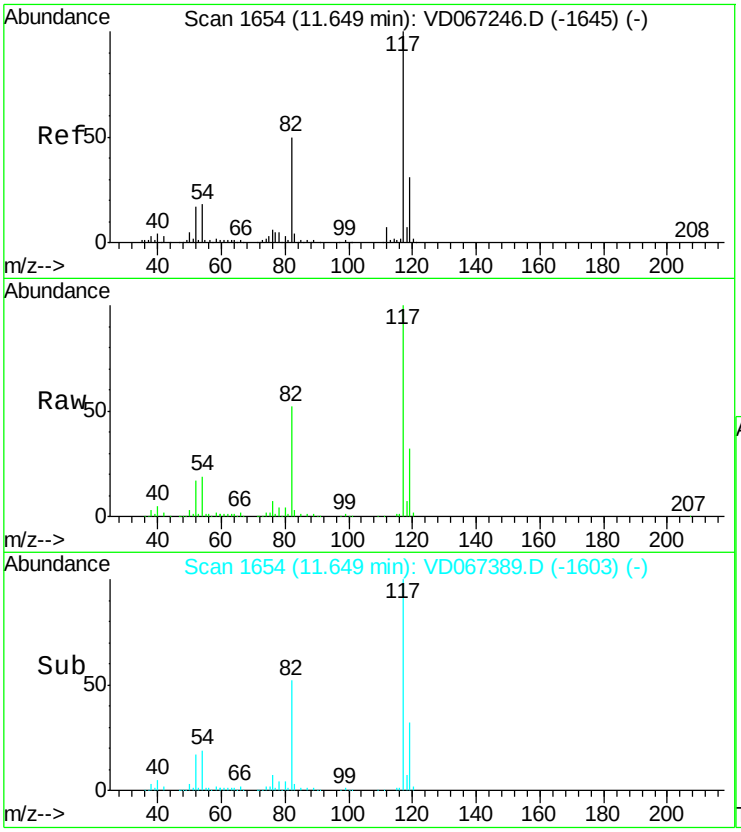


#62
4-Bromofluorobenzene
Concen: 48.404 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD067389.D
Acq: 26 Oct 2020 13:44

Tgt Ion: 95 Resp: 208783

Ion	Ratio	Lower	Upper
95	100		
174	89.4	0.0	175.2
176	86.8	0.0	168.6



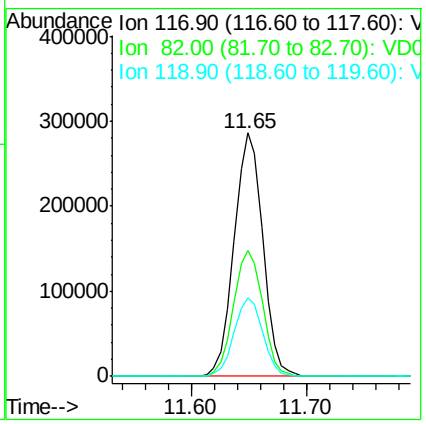


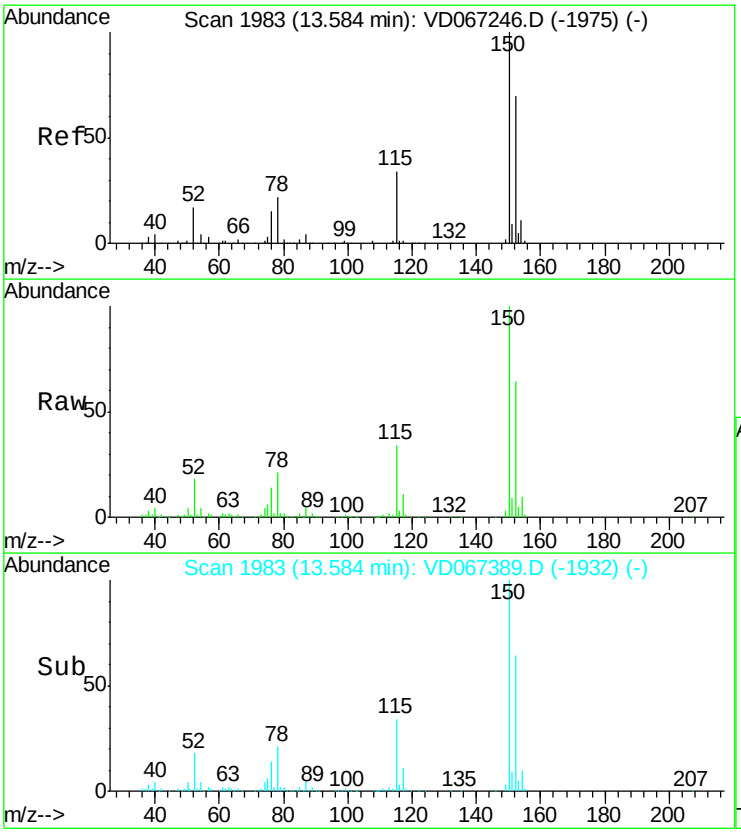
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067389.D
Acq: 26 Oct 2020 13:44

Instrument : MSVOA_D
ClientSampleId : VOC

Tgt Ion:117 Resp: 492582

Ion	Ratio	Lower	Upper
117	100		
82	51.5	39.9	59.9
119	32.3	24.9	37.3





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD067389.D
Acq: 26 Oct 2020 13:44

Tgt Ion:152 Resp: 240615

Ion	Ratio	Lower	Upper
152	100		
115	57.2	29.3	87.9
150	154.9	0.0	339.0