Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD022820\
Data File : VD065366.D
Acq On : 28 Feb 2020 18:41
Operator : VA/SY
Sample : L1741-03
Misc : 7.31G/5.00ml/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : TP-2

Quant Time: Feb 28 22:16:44 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D021820S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 19 03:26:54 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	575772	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	949889	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	832828	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	360898	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	275740	53.23	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.46%			
35) Dibromofluoromethane	7.92	113	297348	51.34	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.68%			
50) Toluene-d8	10.34	98	1135461	51.28	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.56%			
62) 4-Bromofluorobenzene	12.64	95	323039	46.05	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.10%			
Target Compounds						Qvalue
16) Acetone	4.17	43	68634	54.206	ug/l	96
25) 2-Butanone	7.23	43	23666	14.773	ug/l	92

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

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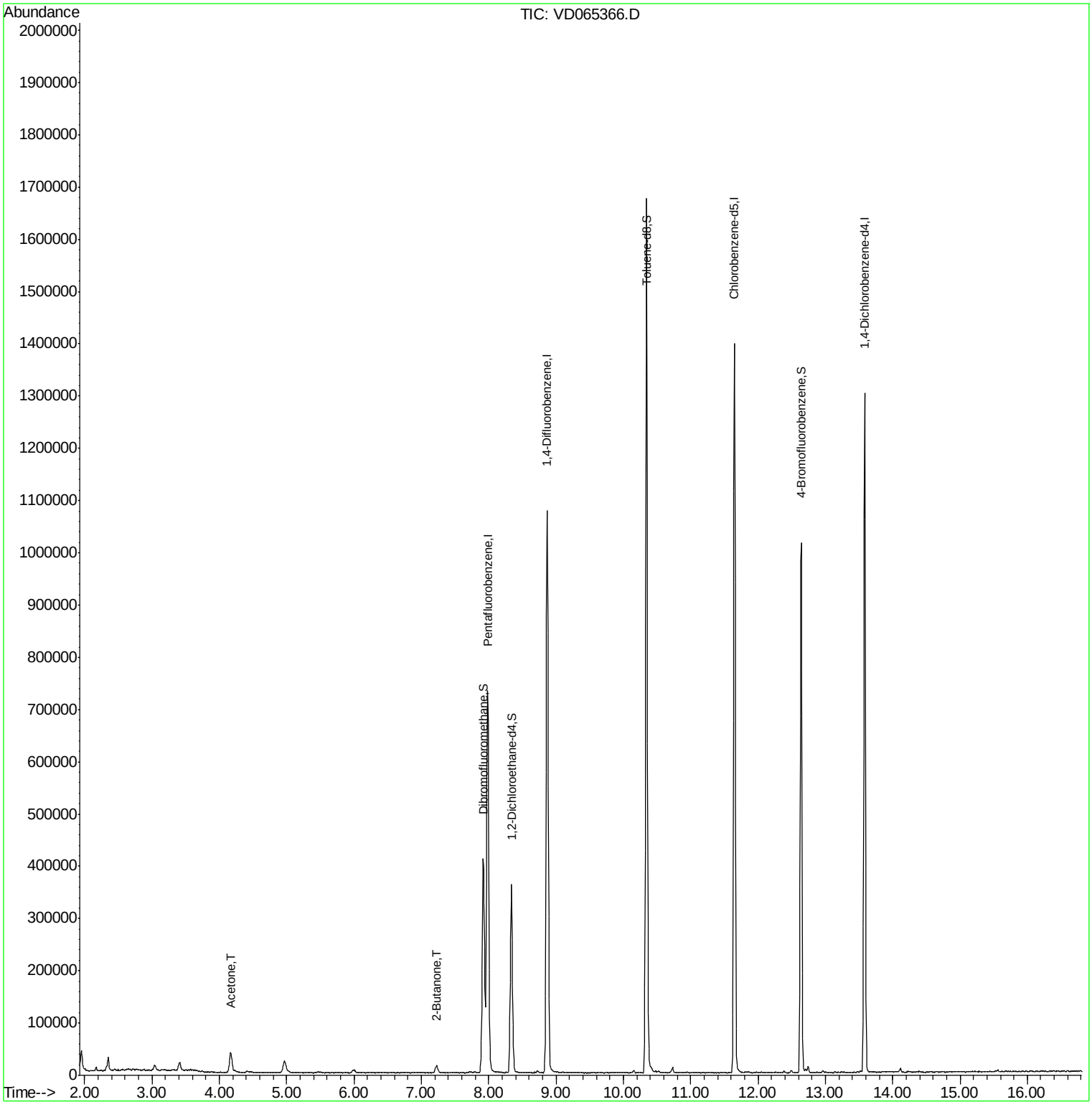
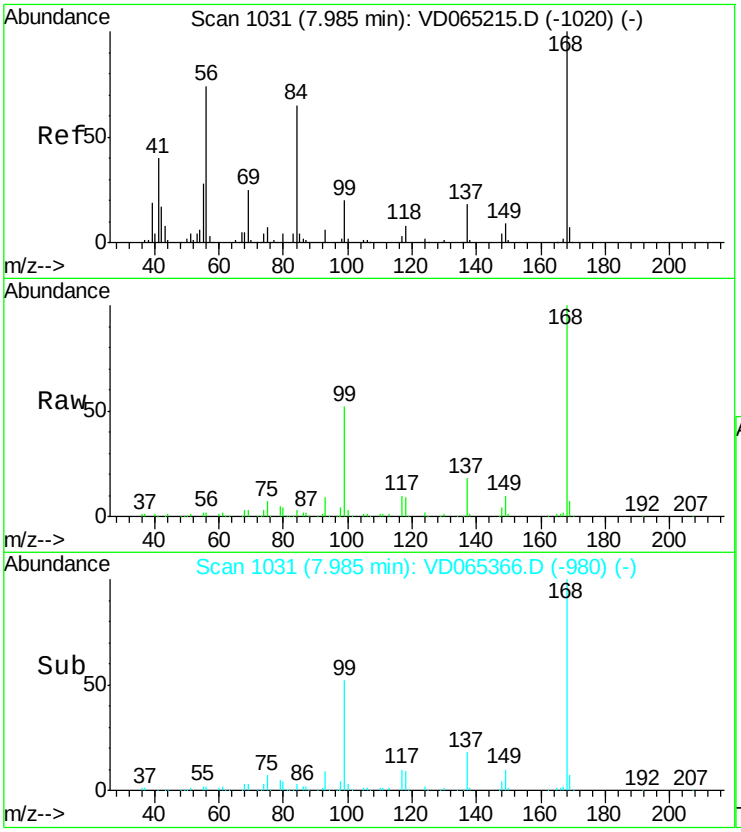


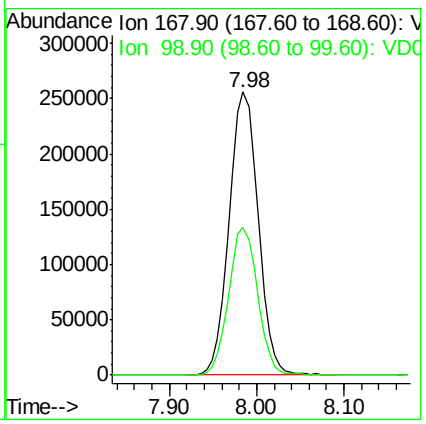


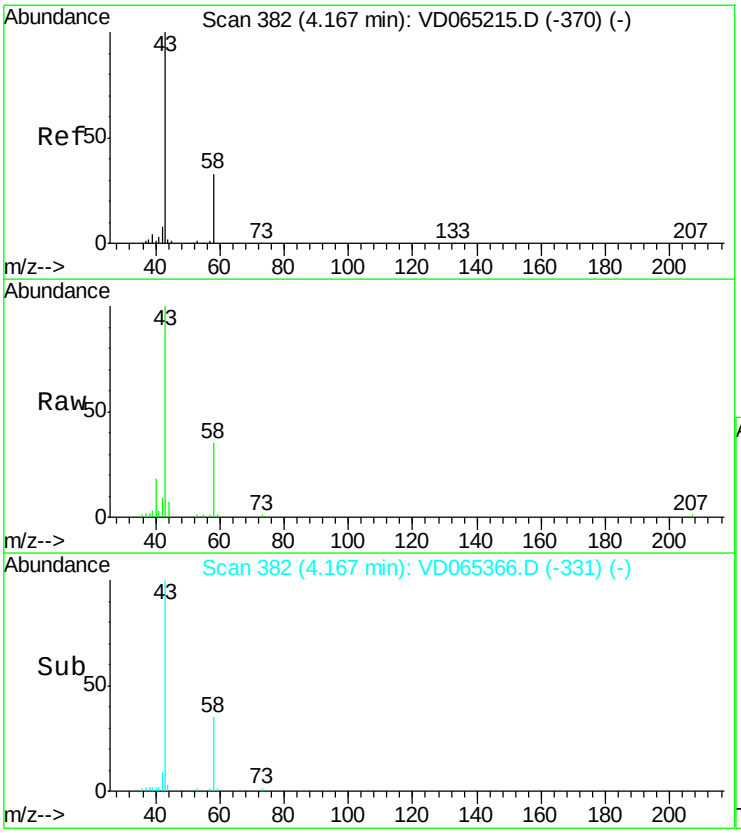
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD065366.D
Acq: 28 Feb 2020 18:41

Instrument : MSVOA_D
ClientSampleId : TP-2

Tgt Ion:168 Resp: 575772

Ion	Ratio	Lower	Upper
168	100		
99	52.2	41.4	62.2

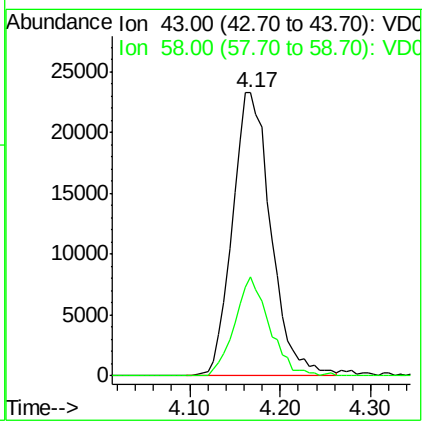


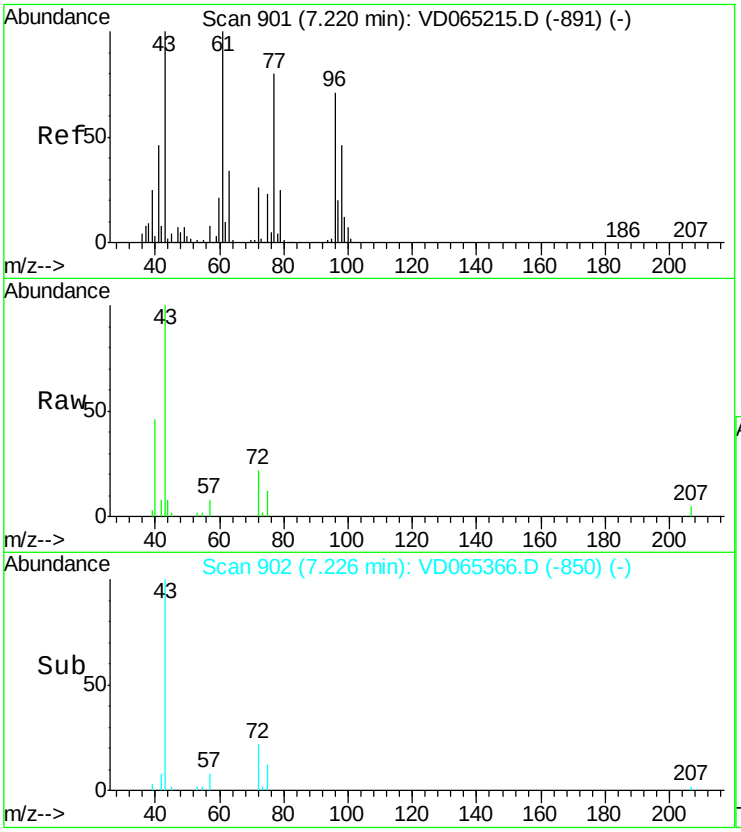


#16
Acetone
Concen: 54.206 ug/l
RT: 4.17 min Scan# 382
Delta R.T. 0.00 min
Lab File: VD065366.D
Acq: 28 Feb 2020 18:41

Tgt Ion: 43 Resp: 68634

Ion	Ratio	Lower	Upper
43	100		
58	35.1	26.2	39.2



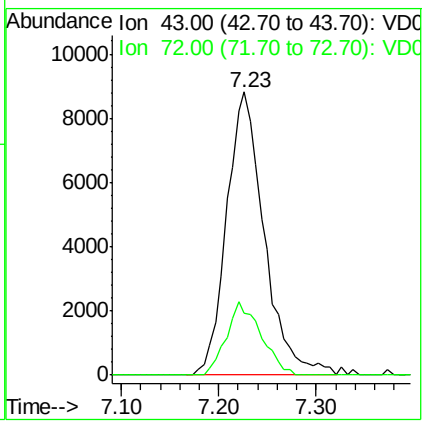


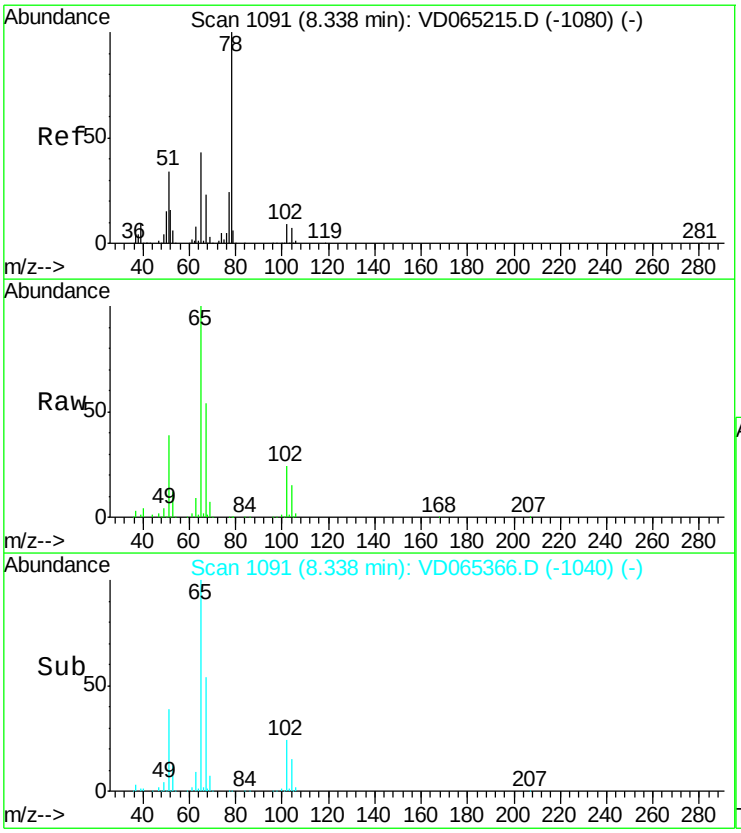
#25
2-Butanone
Concen: 14.773 ug/l
RT: 7.23 min Scan# 902
Delta R.T. 0.01 min
Lab File: VD065366.D
Acq: 28 Feb 2020 18:41

Instrument :
MSVOA_D
ClientSampleId :
TP-2

Tgt Ion: 43 Resp: 23666

Ion	Ratio	Lower	Upper
43	100		
72	22.0	20.9	31.3

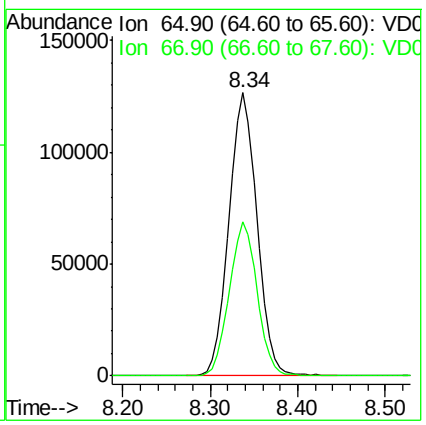


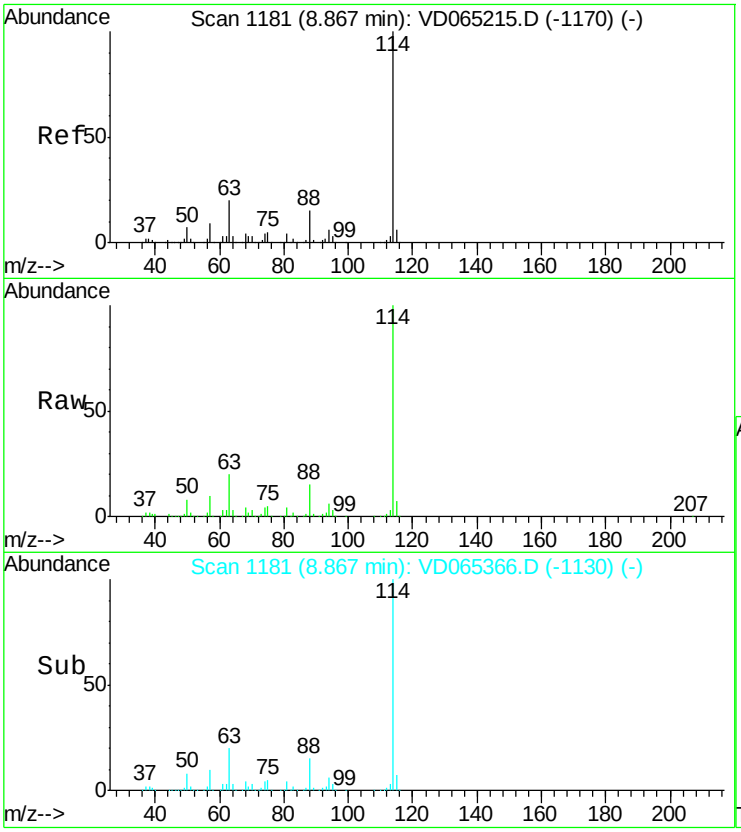


#33
1,2-Dichloroethane-d4
Concen: 53.235 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. -0.00 min
Lab File: VD065366.D
Acq: 28 Feb 2020 18:41

Tgt Ion: 65 Resp: 275740

Ion	Ratio	Lower	Upper
65	100		
67	53.8	0.0	106.8



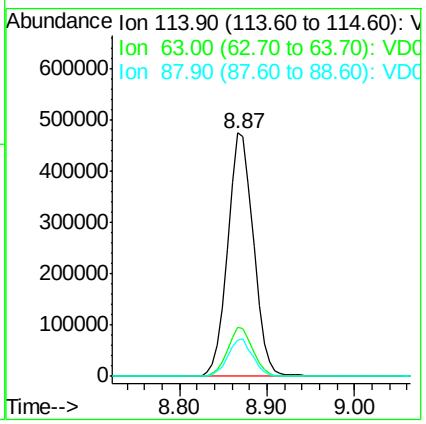


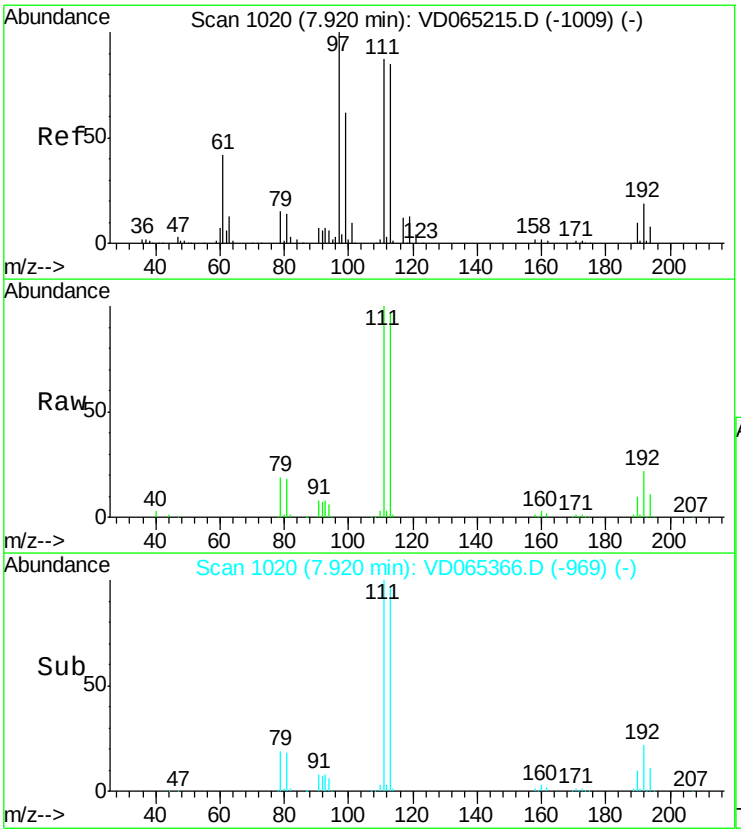
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VD065366.D
Acq: 28 Feb 2020 18:41

Instrument : MSVOA_D
ClientSampleId : TP-2

Tgt Ion:114 Resp: 949889

Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	39.4
88	14.7	0.0	30.4

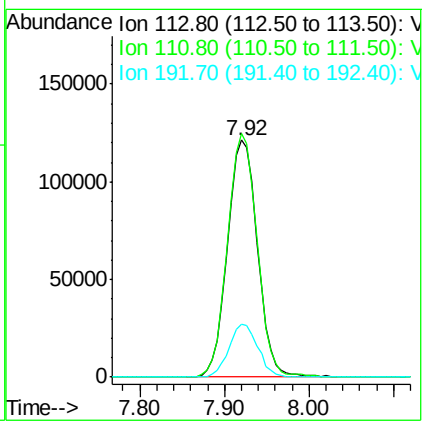


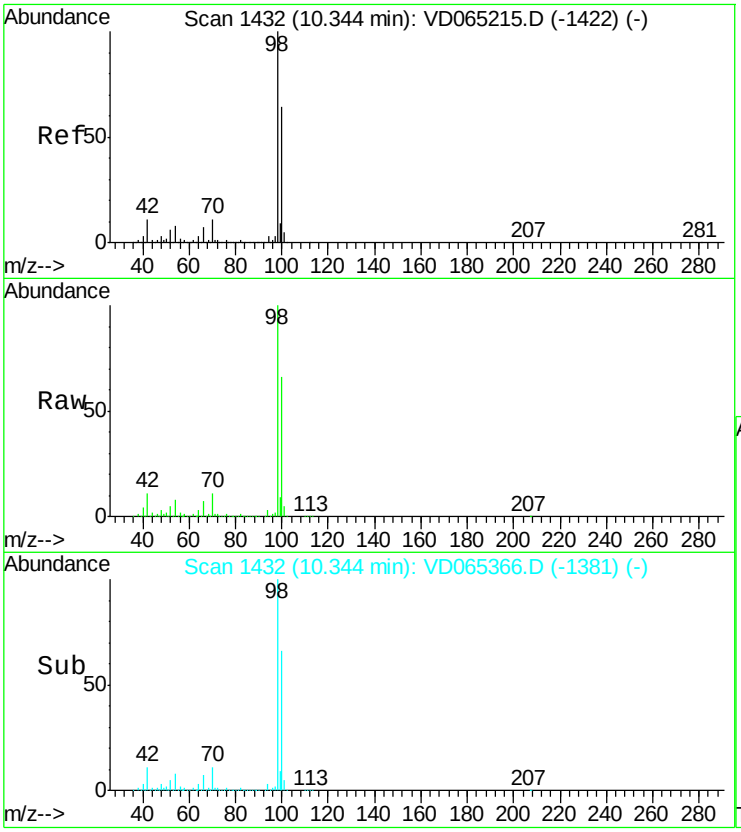


#35
Dibromofluoromethane
Concen: 51.339 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. -0.00 min
Lab File: VD065366.D
Acq: 28 Feb 2020 18:41

Tgt Ion:113 Resp: 297348

Ion	Ratio	Lower	Upper
113	100		
111	101.4	82.9	124.3
192	21.4	17.3	25.9



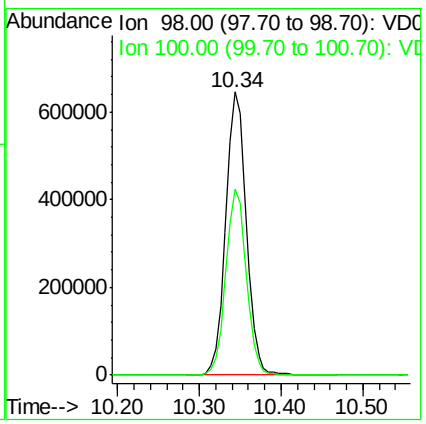


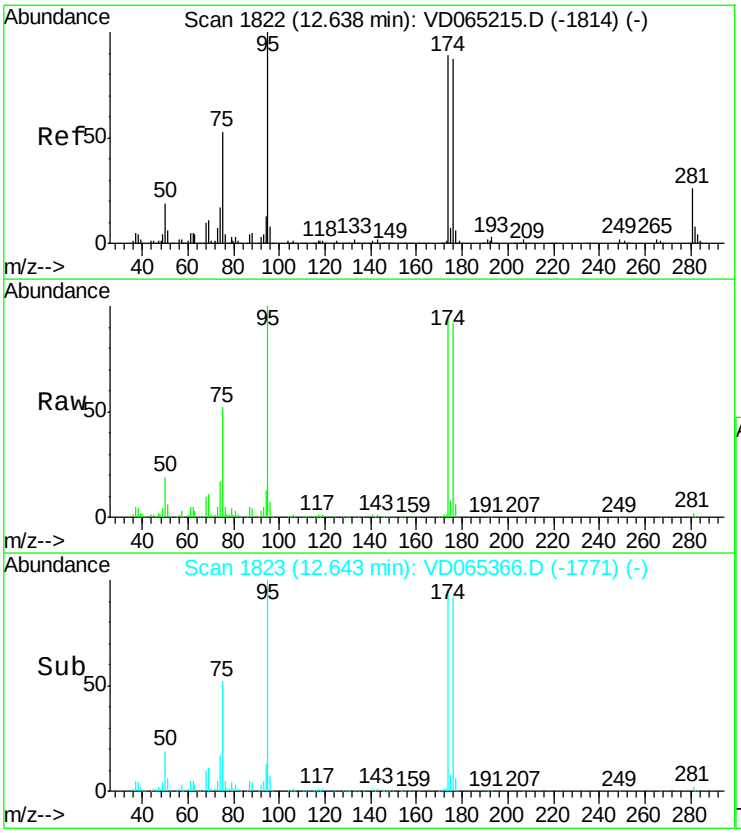
#50
Toluene-d8
Concen: 51.281 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD065366.D
Acq: 28 Feb 2020 18:41

Instrument : MSVOA_D
ClientSampleId : TP-2

Tgt Ion: 98 Resp: 1135461

Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.0	78.0

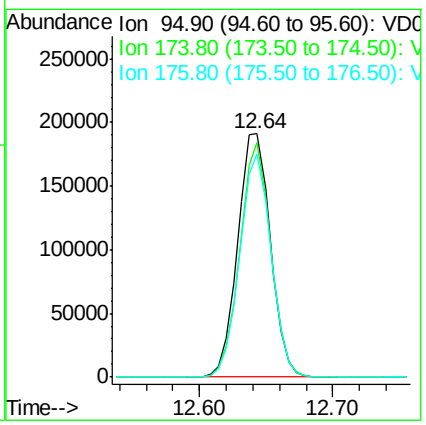


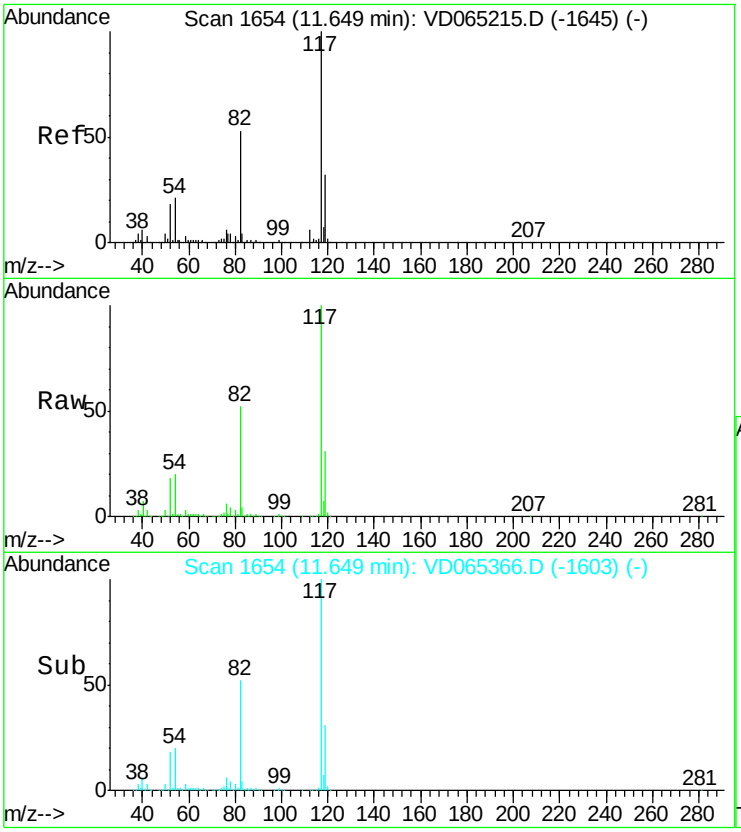


#62
4-Bromofluorobenzene
Concen: 46.054 ug/l
RT: 12.64 min Scan# 1823
Delta R.T. 0.01 min
Lab File: VD065366.D
Acq: 28 Feb 2020 18:41

Tgt Ion: 95 Resp: 323039

Ion	Ratio	Lower	Upper
95	100		
174	90.8	0.0	178.0
176	87.6	0.0	174.4



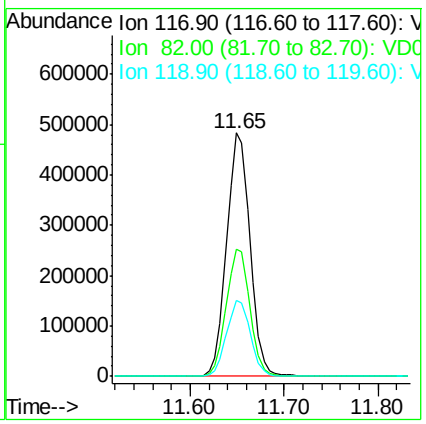


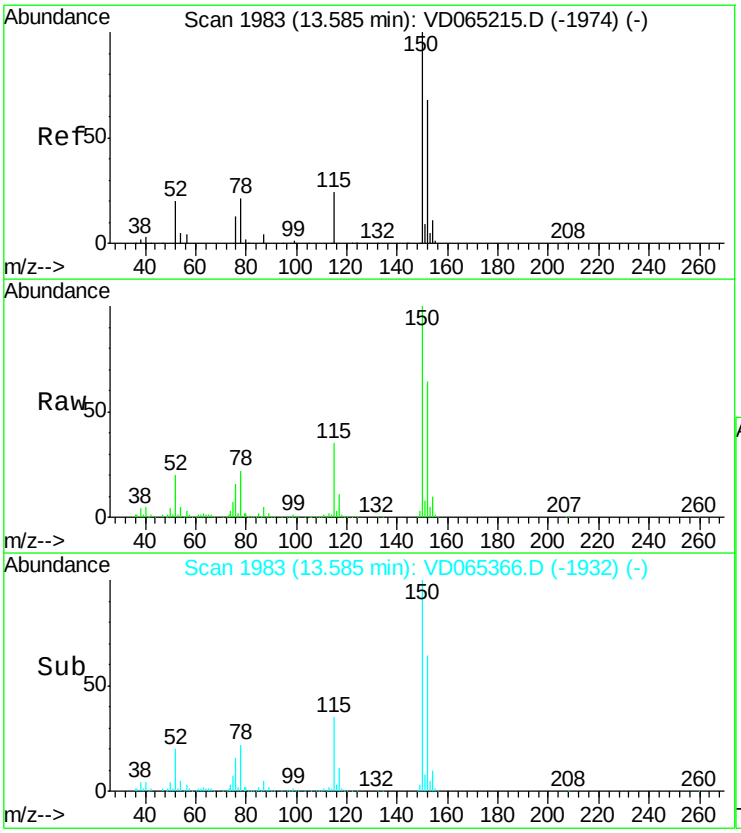
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065366.D
Acq: 28 Feb 2020 18:41

Instrument : MSVOA_D
ClientSampleId : TP-2

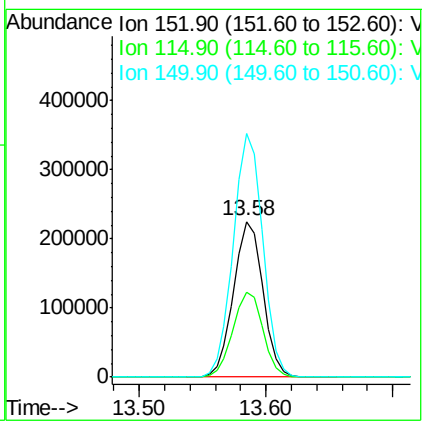
Tgt Ion:117 Resp: 832828

Ion	Ratio	Lower	Upper
117	100		
82	52.1	42.7	64.1
119	31.4	25.5	38.3





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD065366.D
Acq: 28 Feb 2020 18:41

Tgt Ion:152 Resp: 360898

Ion	Ratio	Lower	Upper
152	100		
115	55.5	27.6	82.8
150	157.2	0.0	347.4