Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD040219\
Data File : VD061539.D
Acq On : 3 Apr 2019 5:29
Operator : VA/AP
Sample : K2179-02RE
Misc : 5.77g/5ml/MSVOA_D/SOIL
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : TP-4S2RE

Quant Time: Apr 03 06:50:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 28 09:22:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.07	168	590352	50.00	ug/l	0.05
34) 1,4-Difluorobenzene	8.24	114	1021040	50.00	ug/l	0.05
63) Chlorobenzene-d5	12.37	117	795448	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.53	152	376292	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	226344	44.88	ug/l	0.04
Spiked Amount 50.000			Recovery = 89.76%			
35) Dibromofluoromethane	6.95	113	358213	45.91	ug/l	0.05
Spiked Amount 50.000			Recovery = 91.82%			
50) Toluene-d8	10.42	98	811014	43.34	ug/l	0.04
Spiked Amount 50.000			Recovery = 86.68%			
62) 4-Bromofluorobenzene	13.56	95	334732	46.64	ug/l	0.02
Spiked Amount 50.000			Recovery = 93.28%			
Target Compounds						Qvalue
16) Acetone	3.25	43	17188	13.258	ug/l #	81
20) Methylene Chloride	3.85	84	66030	7.458	ug/l	92
52) Toluene	10.52	92	77742	5.698	ug/l	95

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

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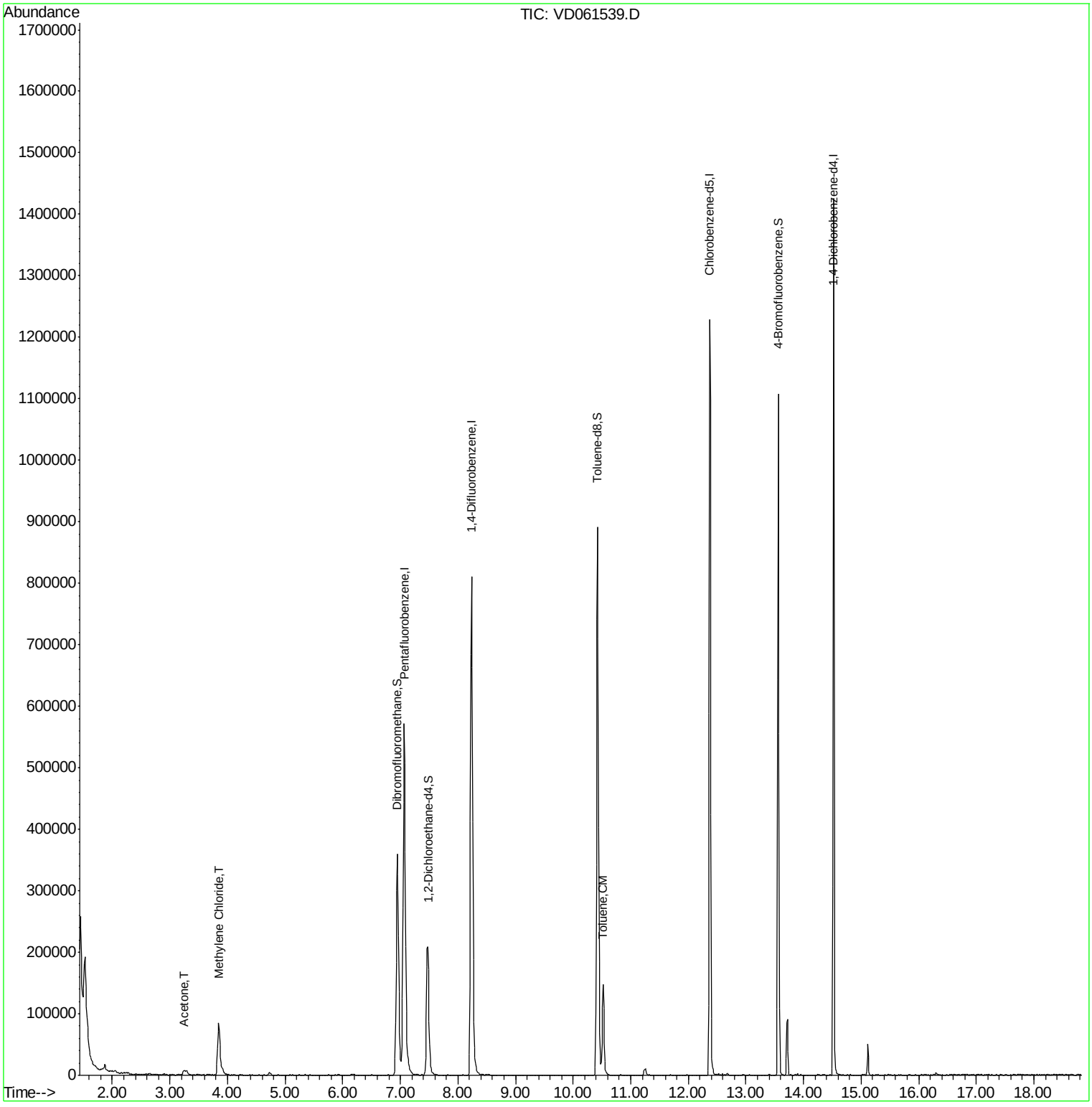
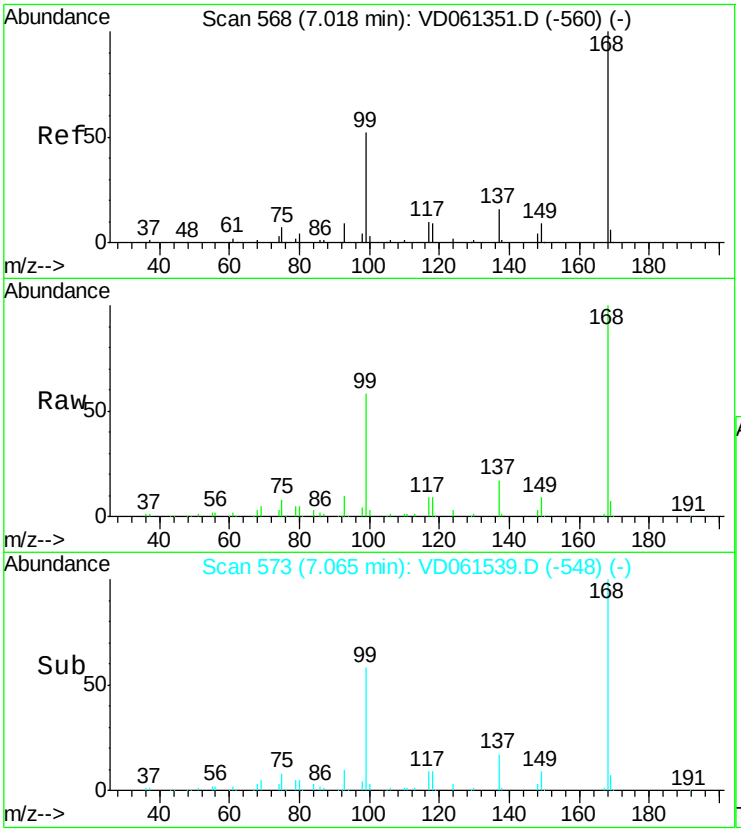


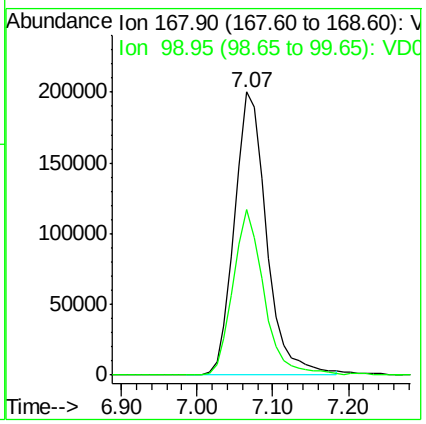


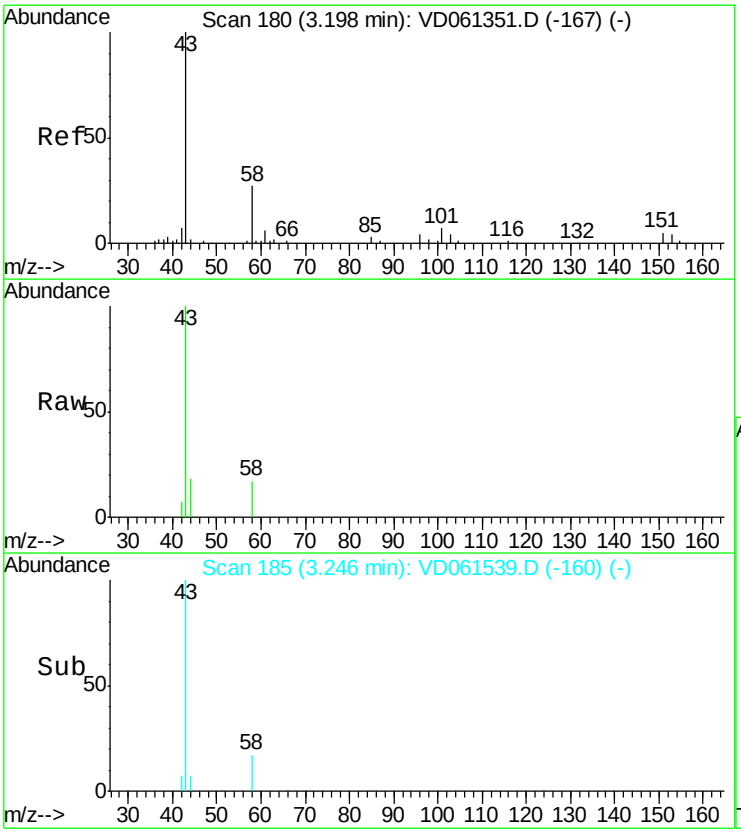
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.07 min Scan# 573
Delta R.T. 0.05 min
Lab File: VD061539.D
Acq: 3 Apr 2019 5:29

Instrument :
MSVOA_D
ClientSampleId :
TP-4S2RE

Tgt Ion:168 Resp: 590352

Ion	Ratio	Lower	Upper
168	100		
99	58.3	43.1	64.7

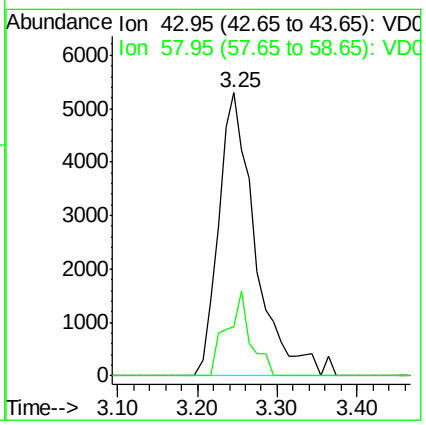


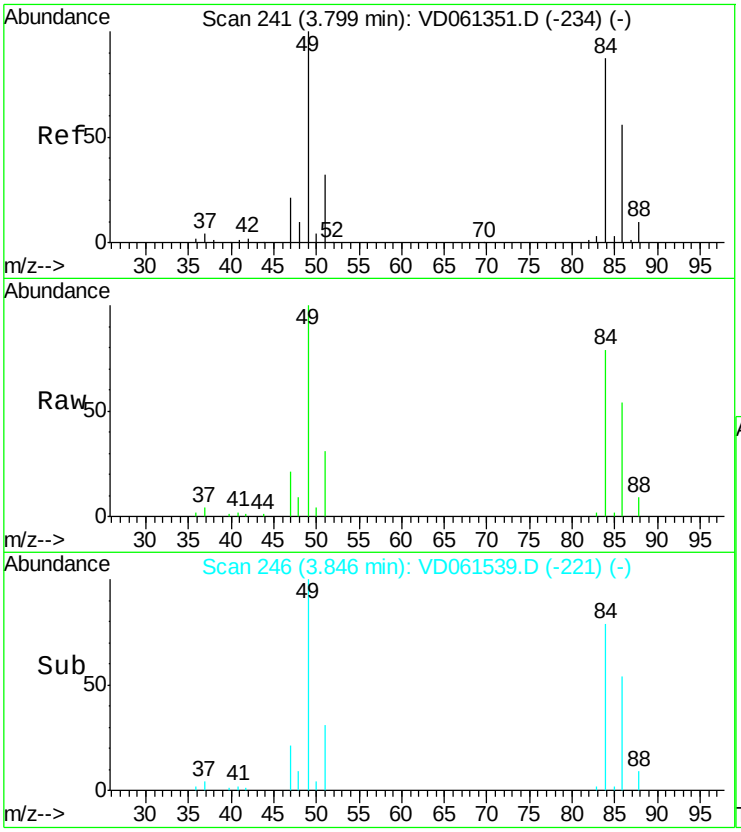


#16
Acetone
Concen: 13.258 ug/l
RT: 3.25 min Scan# 185
Delta R.T. 0.05 min
Lab File: VD061539.D
Acq: 3 Apr 2019 5:29

Tgt Ion: 43 Resp: 17188

Ion	Ratio	Lower	Upper
43	100		
58	17.1	21.5	32.3#



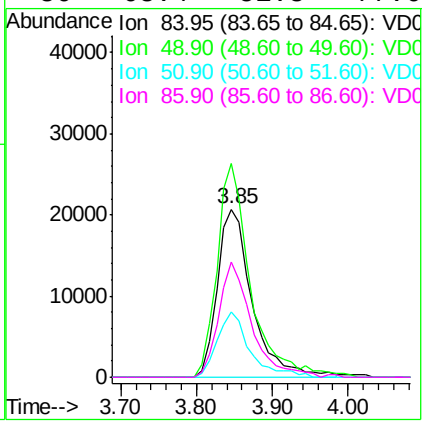


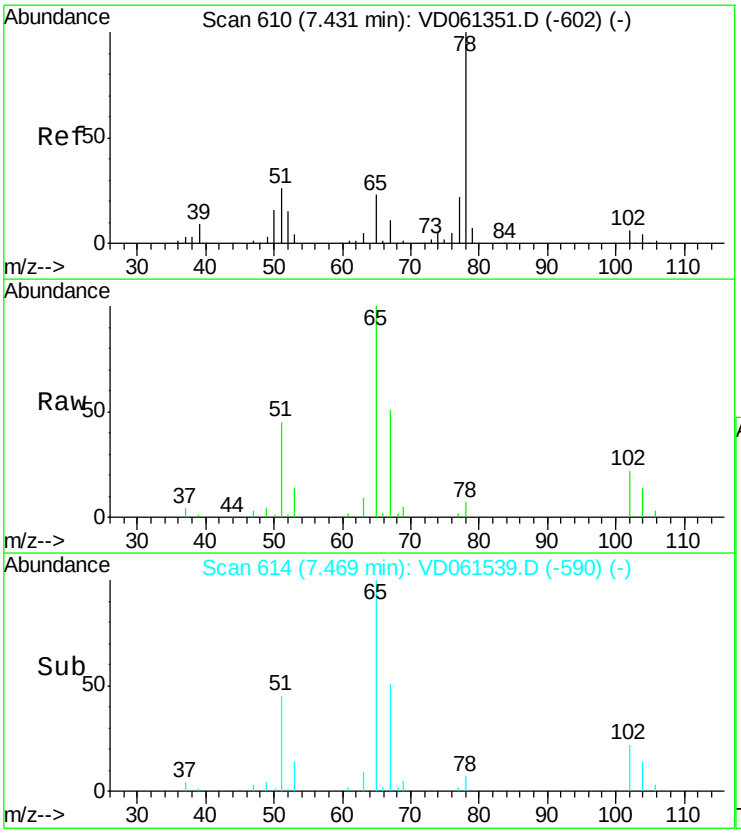
#20
Methylene Chloride
Concen: 7.458 ug/l
RT: 3.85 min Scan# 246
Delta R.T. 0.05 min
Lab File: VD061539.D
Acq: 3 Apr 2019 5:29

Instrument : MSVOA_D
ClientSampleId : TP-4S2RE

Tgt Ion: 84 Resp: 66030

Ion	Ratio	Lower	Upper
84	100		
49	127.2	91.8	137.8
51	39.2	29.8	44.8
86	68.4	51.8	77.6

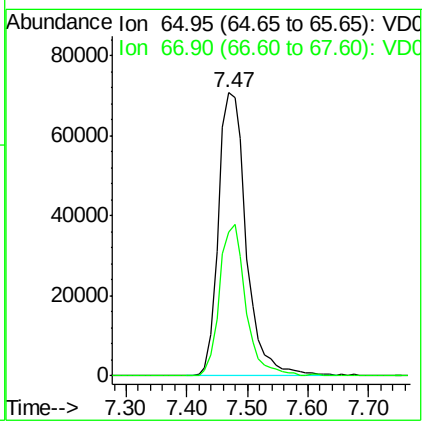


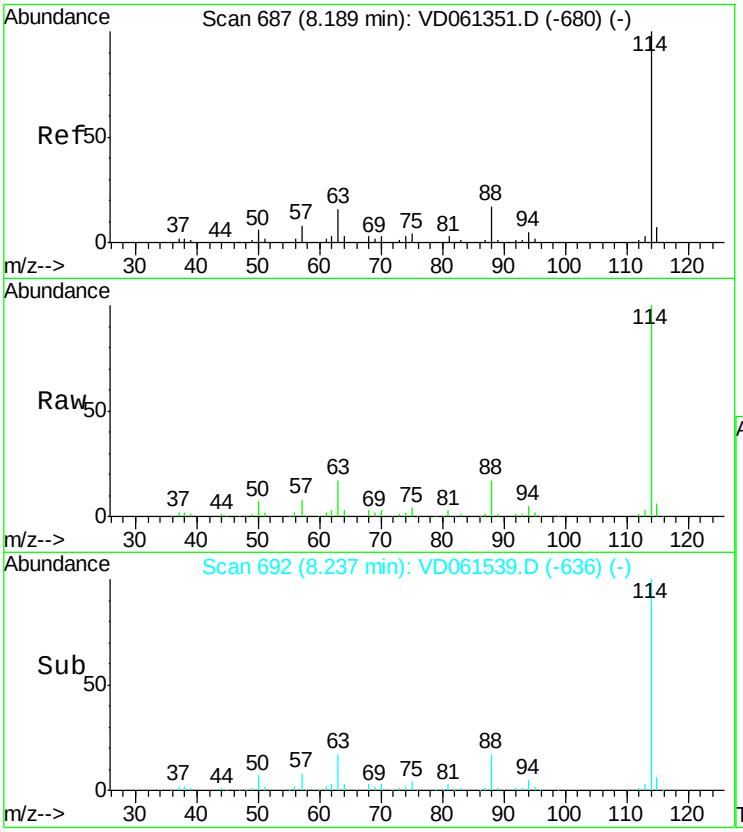


#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.47 min Scan# 614
Delta R.T. 0.04 min
Lab File: VD061539.D
Acq: 3 Apr 2019 5:29

Tgt Ion: 65 Resp: 226344

Ion	Ratio	Lower	Upper
65	100		
67	50.7	0.0	99.8



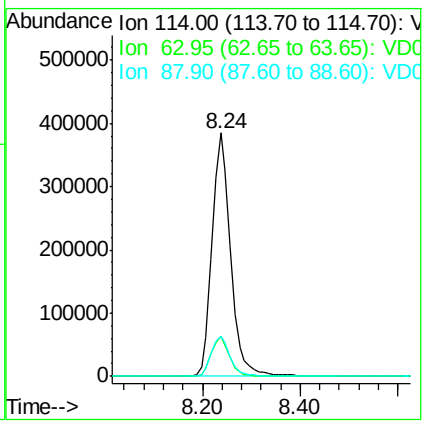


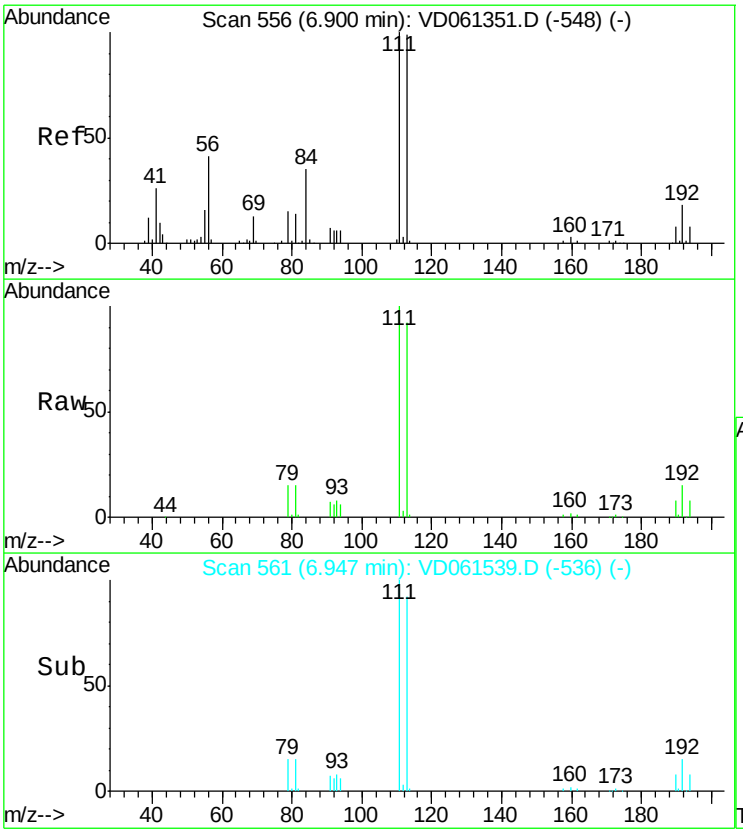
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.24 min Scan# 692
Delta R.T. 0.05 min
Lab File: VD061539.D
Acq: 3 Apr 2019 5:29

Instrument :
MSVOA_D
ClientSampleId :
TP-4S2RE

Tgt Ion:114 Resp: 1021040

Ion	Ratio	Lower	Upper
114	100		
63	16.5	0.0	31.6
88	16.6	0.0	33.4

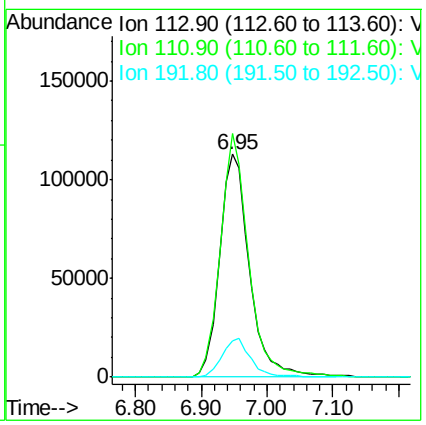


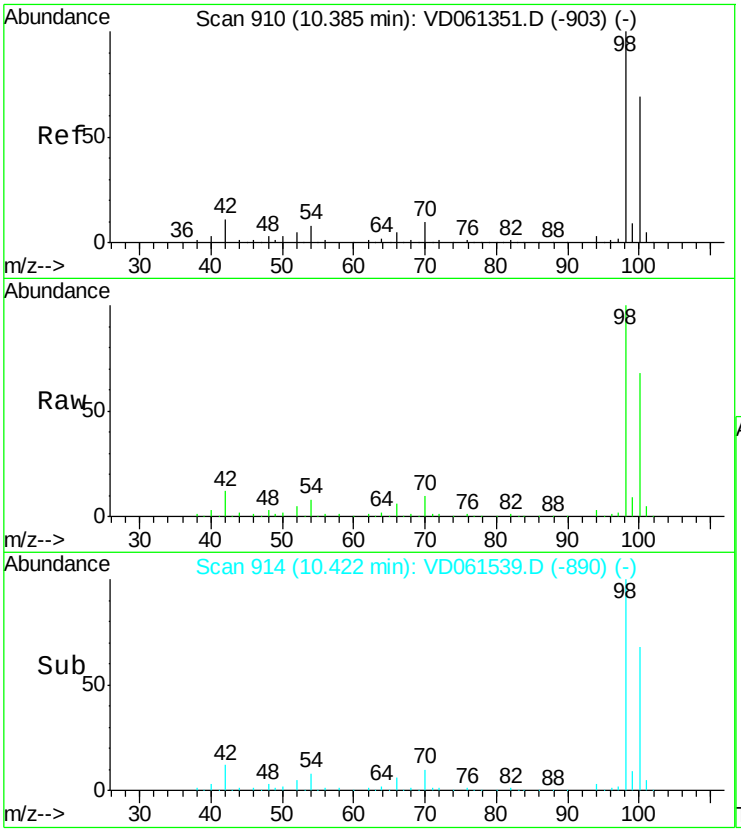


#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.95 min Scan# 561
Delta R.T. 0.05 min
Lab File: VD061539.D
Acq: 3 Apr 2019 5:29

Tgt Ion:113 Resp: 358213

Ion	Ratio	Lower	Upper
113	100		
111	109.2	81.0	121.6
192	16.4	14.4	21.6



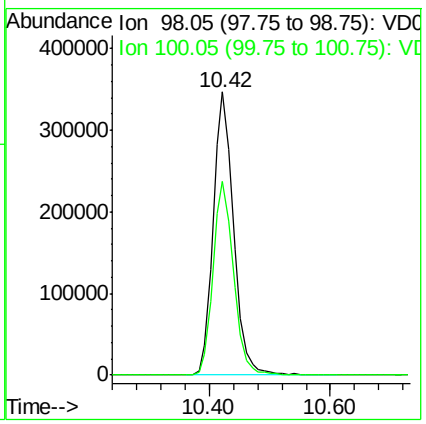


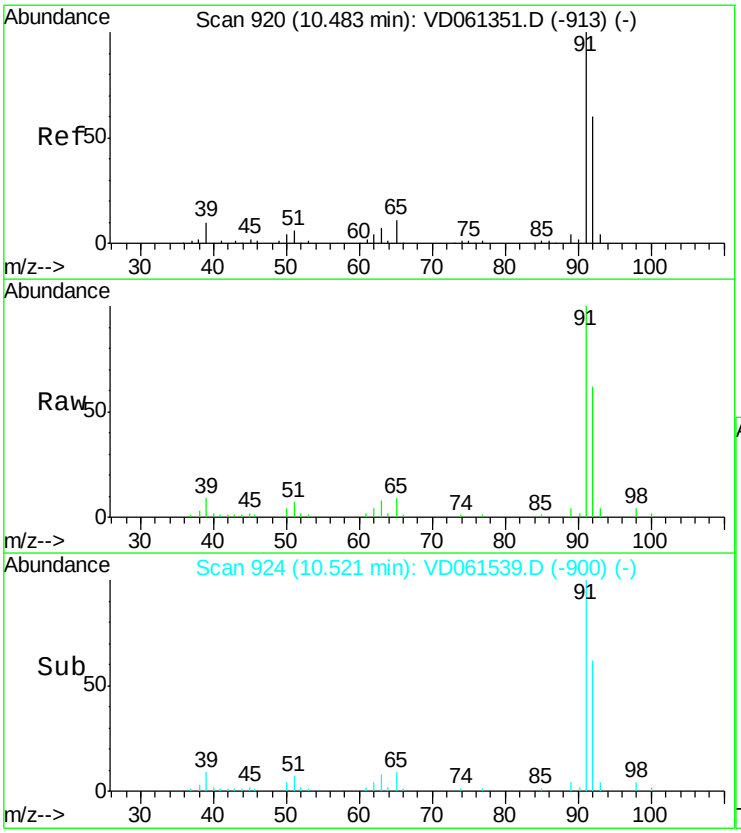
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.42 min Scan# 914
Delta R.T. 0.04 min
Lab File: VD061539.D
Acq: 3 Apr 2019 5:29

Instrument :
MSVOA_D
ClientSampleId :
TP-4S2RE

Tgt Ion: 98 Resp: 811014

Ion	Ratio	Lower	Upper
98	100		
100	68.5	56.2	84.2

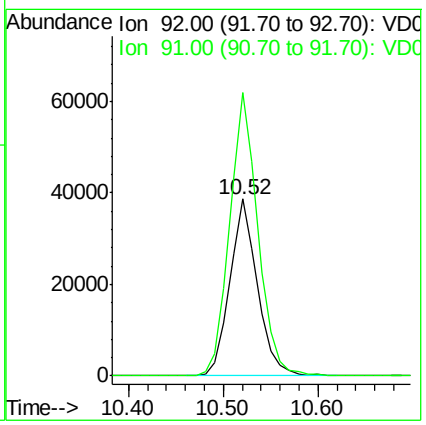


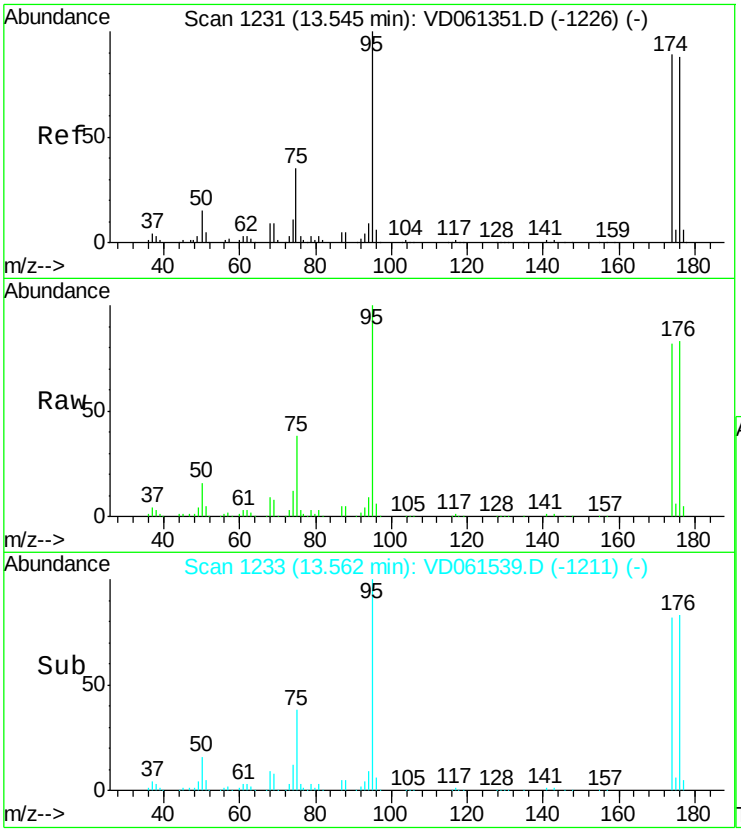


#52
Toluene
Concen: 5.698 ug/l
RT: 10.52 min Scan# 924
Delta R.T. 0.04 min
Lab File: VD061539.D
Acq: 3 Apr 2019 5:29

Tgt Ion: 92 Resp: 77742

Ion	Ratio	Lower	Upper
92	100		
91	160.3	133.3	199.9



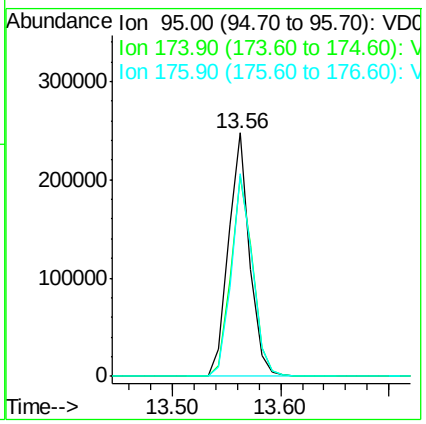


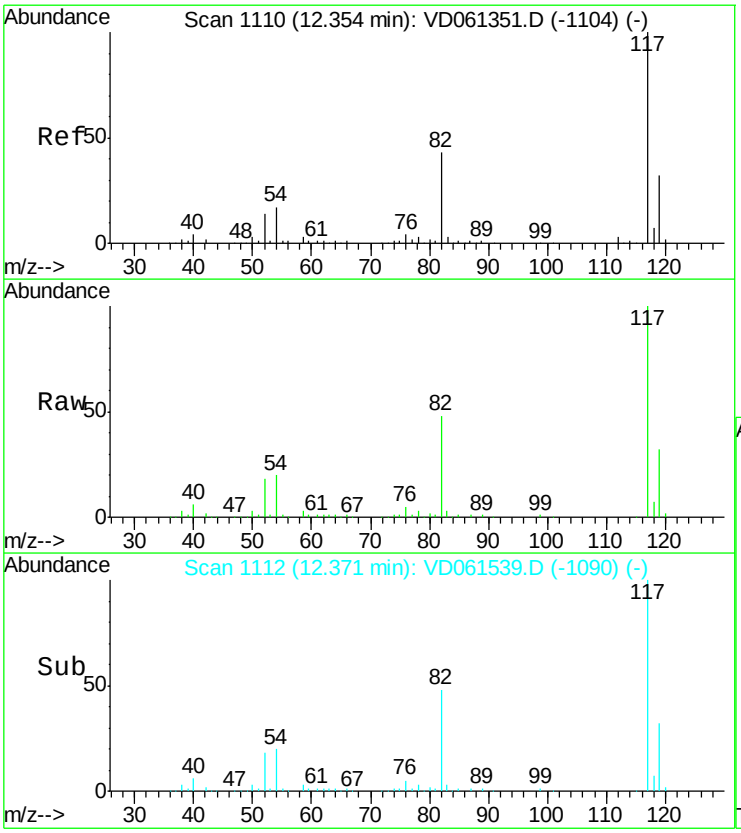
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.02 min
Lab File: VD061539.D
Acq: 3 Apr 2019 5:29

Instrument :
MSVOA_D
ClientSampleId :
TP-4S2RE

Tgt Ion: 95 Resp: 334732

Ion	Ratio	Lower	Upper
95	100		
174	82.1	0.0	178.0
176	83.4	0.0	175.0

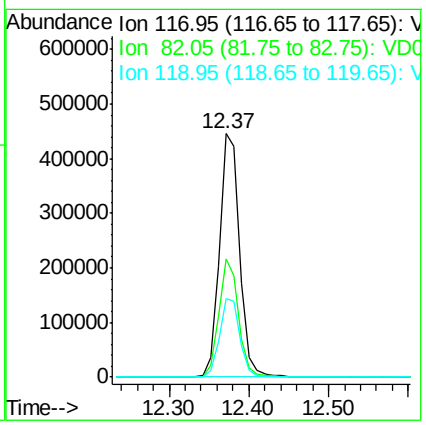


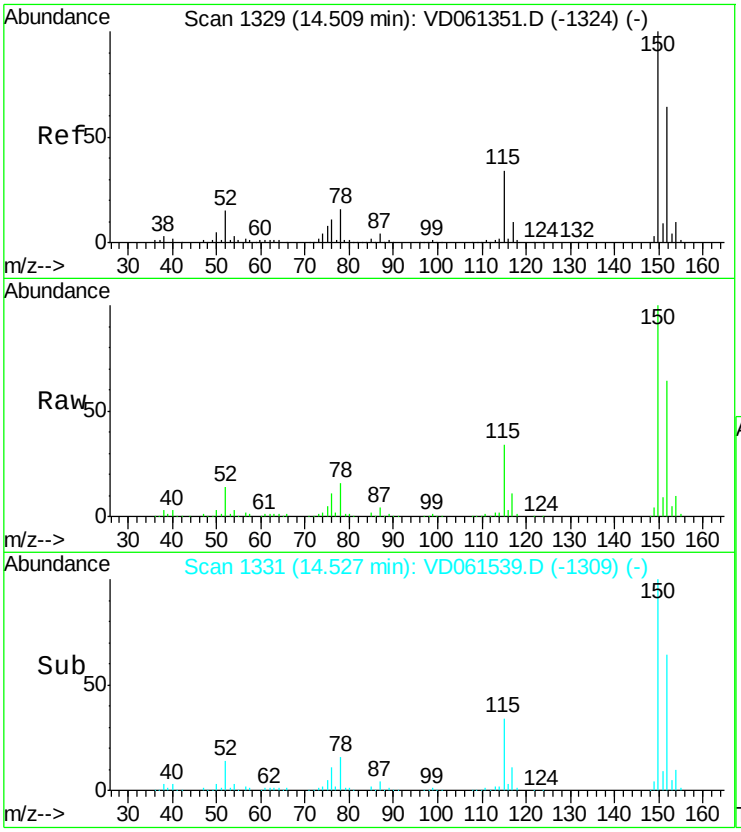


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.02 min
Lab File: VD061539.D
Acq: 3 Apr 2019 5:29

Tgt Ion:117 Resp: 795448

Ion	Ratio	Lower	Upper
117	100		
82	48.3	34.4	51.6
119	32.5	25.8	38.6





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1331
Delta R.T. 0.02 min
Lab File: VD061539.D
Acq: 3 Apr 2019 5:29

Instrument :
MSVOA_D
ClientSampleId :
TP-4S2RE

Tgt Ion:152 Resp: 376292

Ion	Ratio	Lower	Upper
152	100		
115	52.5	26.9	80.6
150	156.7	0.0	318.0