Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD041219\
Data File : VD061786.D
Acq On : 12 Apr 2019 18:56
Operator : VA/AP
Sample : K2342-02RE
Misc : 3.83g/5ml/MSVOA_D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : TP-11-S2RE

Quant Time: Apr 12 23:51:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D040619S.M
Quant Title : SW846 8260
QLast Update : Mon Apr 08 10:04:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	21883	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.20	114	41284	50.00	ug/l	-0.01
63) Chlorobenzene-d5	12.36	117	33849	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	14286	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	22537	135.87	ug/l	-0.01
Spiked Amount 50.000			Recovery = 271.74%			
35) Dibromofluoromethane	6.91	113	24278	84.89	ug/l	-0.01
Spiked Amount 50.000			Recovery = 169.78%			
50) Toluene-d8	10.39	98	41766	58.12	ug/l	-0.01
Spiked Amount 50.000			Recovery = 116.24%			
62) 4-Bromofluorobenzene	13.54	95	15581	65.99	ug/l	-0.01
Spiked Amount 50.000			Recovery = 131.98%			
Target Compounds						Qvalue
16) Acetone	3.20	43	35047	706.812	ug/l	94
20) Methylene Chloride	3.80	84	2196	7.805	ug/l #	92
25) 2-Butanone	6.05	43	4958	86.735	ug/l	96

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

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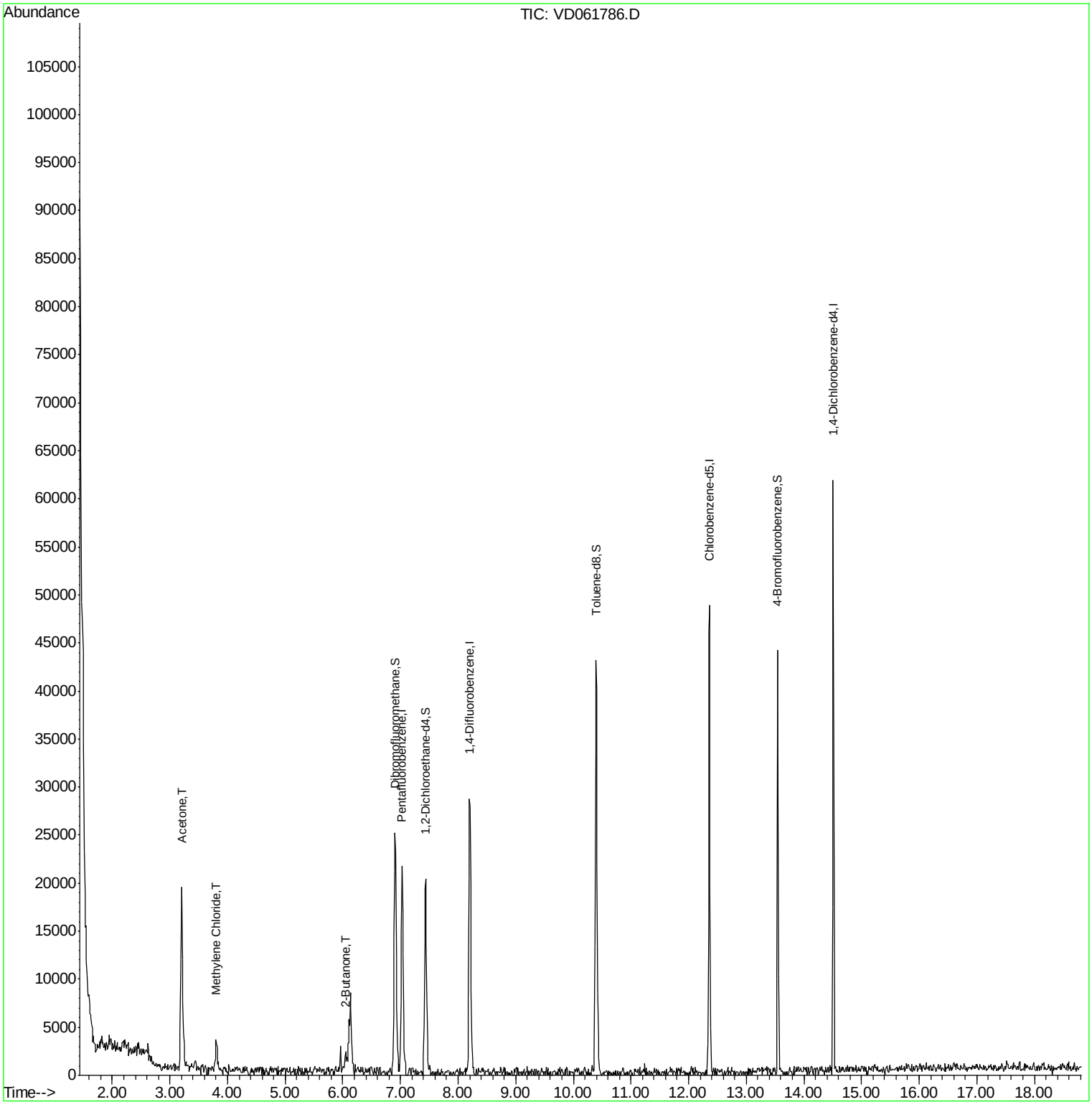
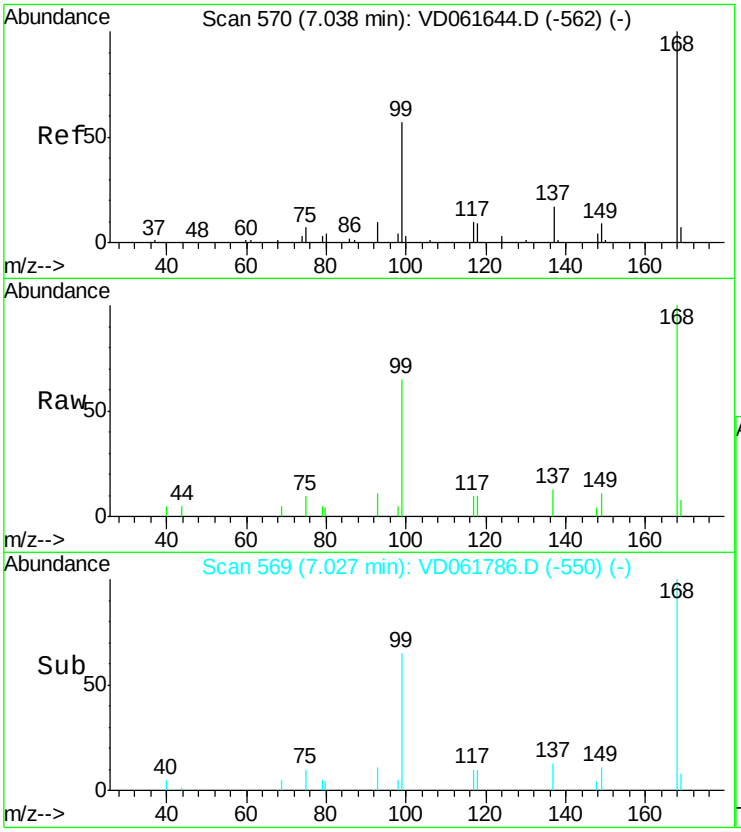


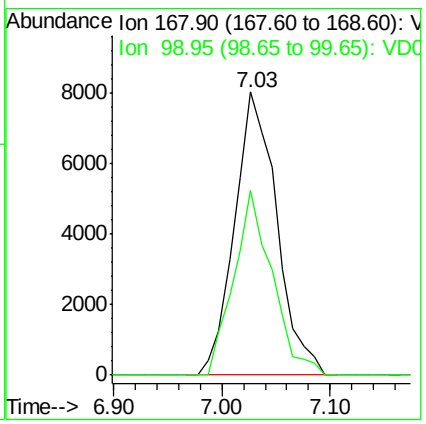


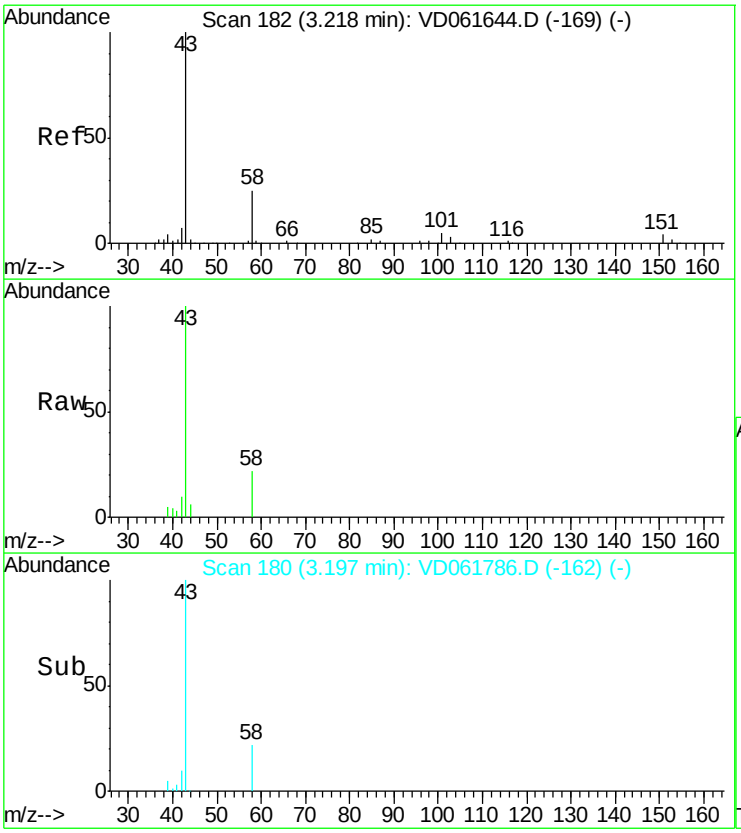
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.03 min Scan# 569
Delta R.T. -0.01 min
Lab File: VD061786.D
Acq: 12 Apr 2019 18:56

Instrument :
MSVOA_D
ClientSampleId :
TP-11-S2RE

Tgt Ion:168 Resp: 21883

Ion	Ratio	Lower	Upper
168	100		
99	65.4	46.8	70.2

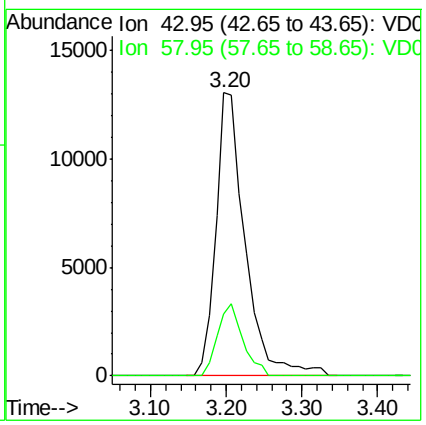


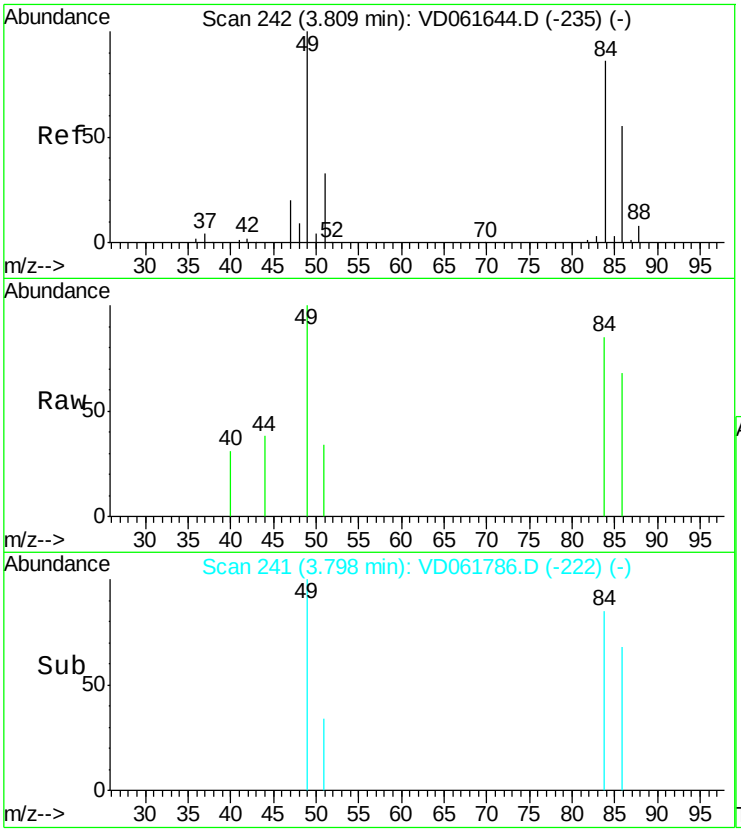


#16
Acetone
Concen: 706.812 ug/l
RT: 3.20 min Scan# 180
Delta R.T. -0.02 min
Lab File: VD061786.D
Acq: 12 Apr 2019 18:56

Tgt Ion: 43 Resp: 35047

Ion	Ratio	Lower	Upper
43	100		
58	21.7	19.7	29.5



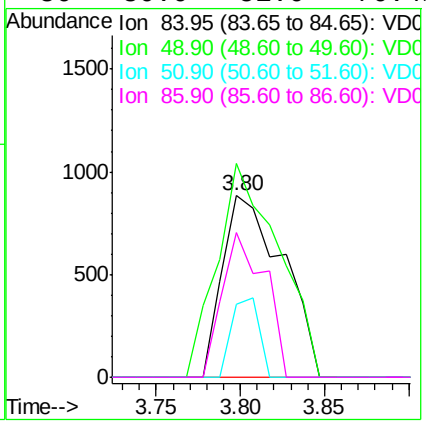


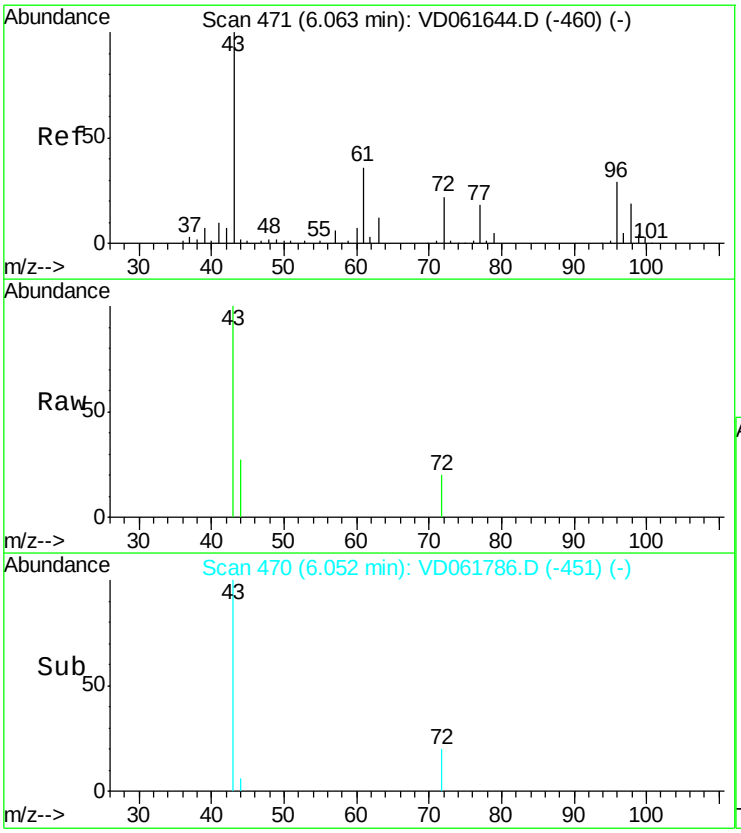
#20
Methylene Chloride
Concen: 7.805 ug/l
RT: 3.80 min Scan# 241
Delta R.T. -0.01 min
Lab File: VD061786.D
Acq: 12 Apr 2019 18:56

Instrument : MSVOA_D
ClientSampleId : TP-11-S2RE

Tgt Ion: 84 Resp: 2196

Ion	Ratio	Lower	Upper
84	100		
49	117.6	93.0	139.4
51	40.5	30.4	45.6
86	80.0	51.0	76.4#

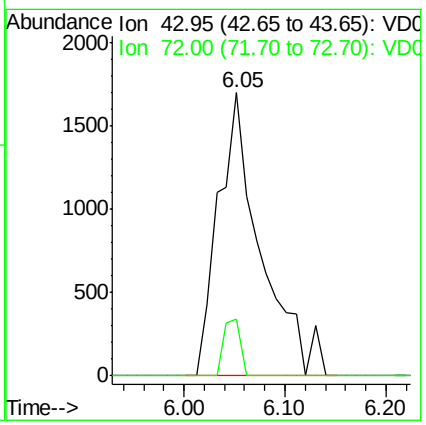


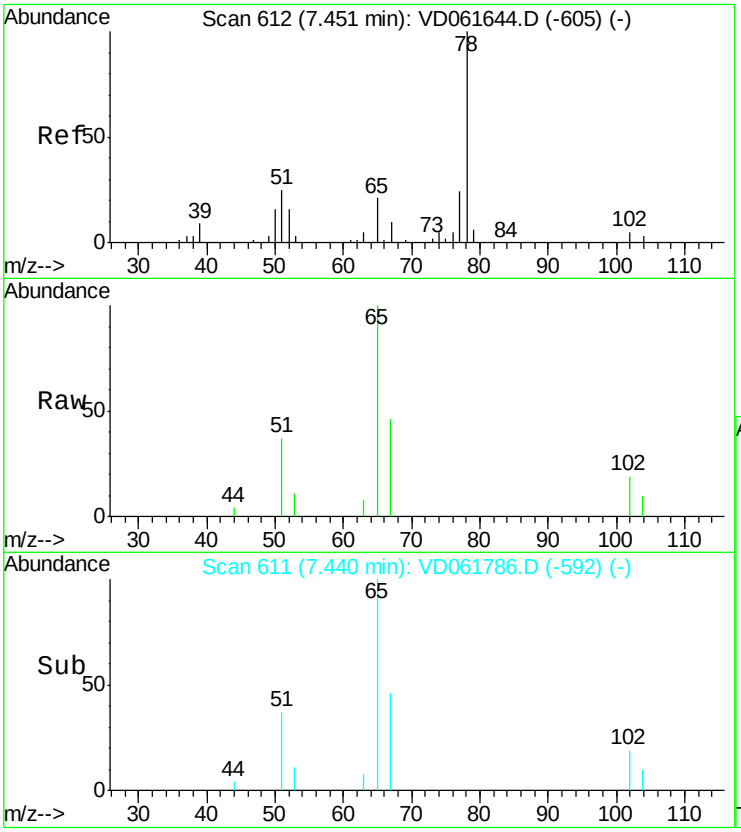


#25
2-Butanone
Concen: 86.735 ug/l
RT: 6.05 min Scan# 470
Delta R.T. -0.01 min
Lab File: VD061786.D
Acq: 12 Apr 2019 18:56

Tgt Ion: 43 Resp: 4958

Ion	Ratio	Lower	Upper
43	100		
72	20.0	17.4	26.2



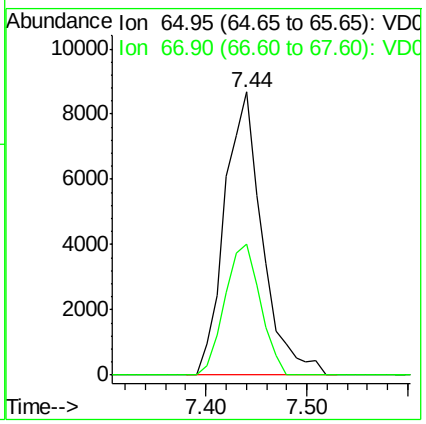


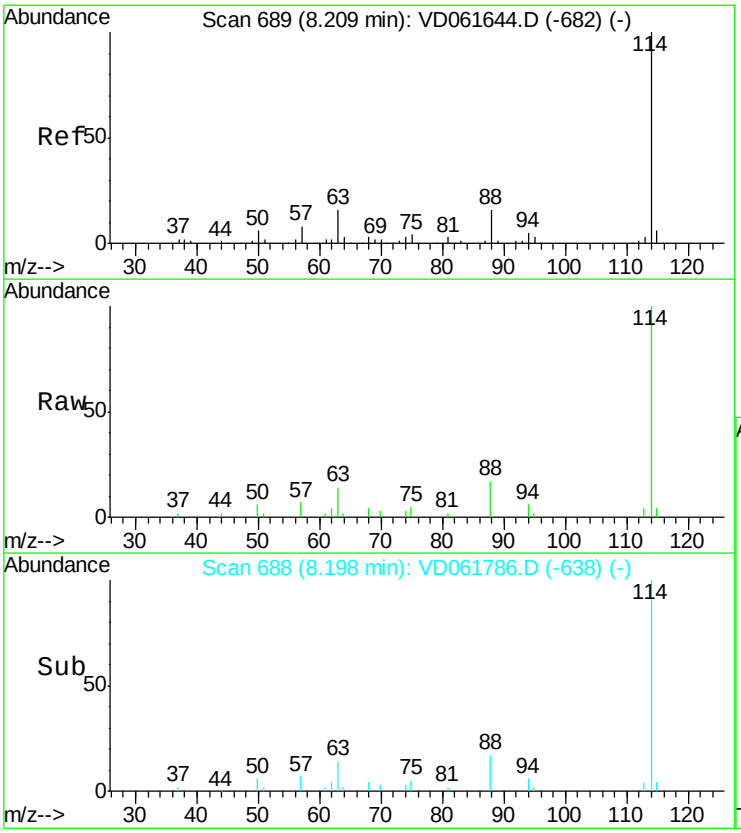
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.44 min Scan# 611
Delta R.T. -0.01 min
Lab File: VD061786.D
Acq: 12 Apr 2019 18:56

Instrument : MSVOA_D
ClientSampleId : TP-11-S2RE

Tgt Ion: 65 Resp: 22537

Ion	Ratio	Lower	Upper
65	100		
67	46.2	0.0	99.4

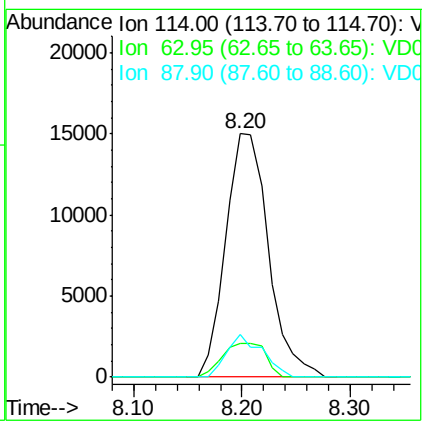


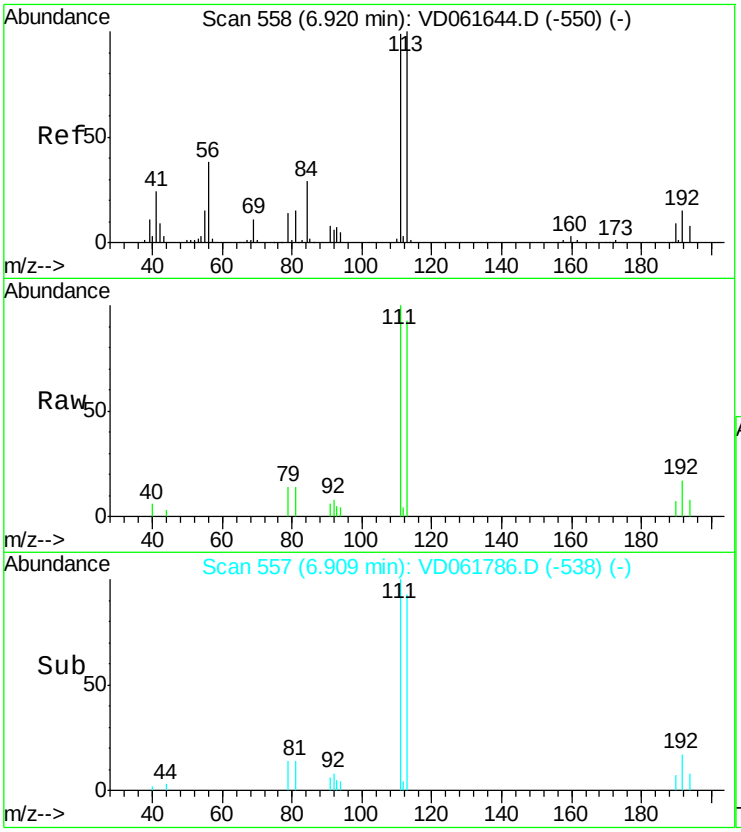


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.20 min Scan# 688
Delta R.T. -0.01 min
Lab File: VD061786.D
Acq: 12 Apr 2019 18:56

Tgt Ion:114 Resp: 41284

Ion	Ratio	Lower	Upper
114	100		
63	13.7	0.0	31.2
88	17.5	0.0	31.8



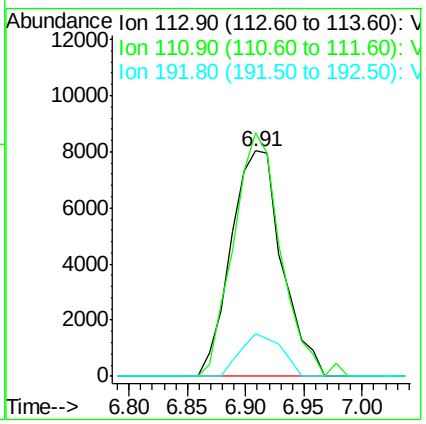


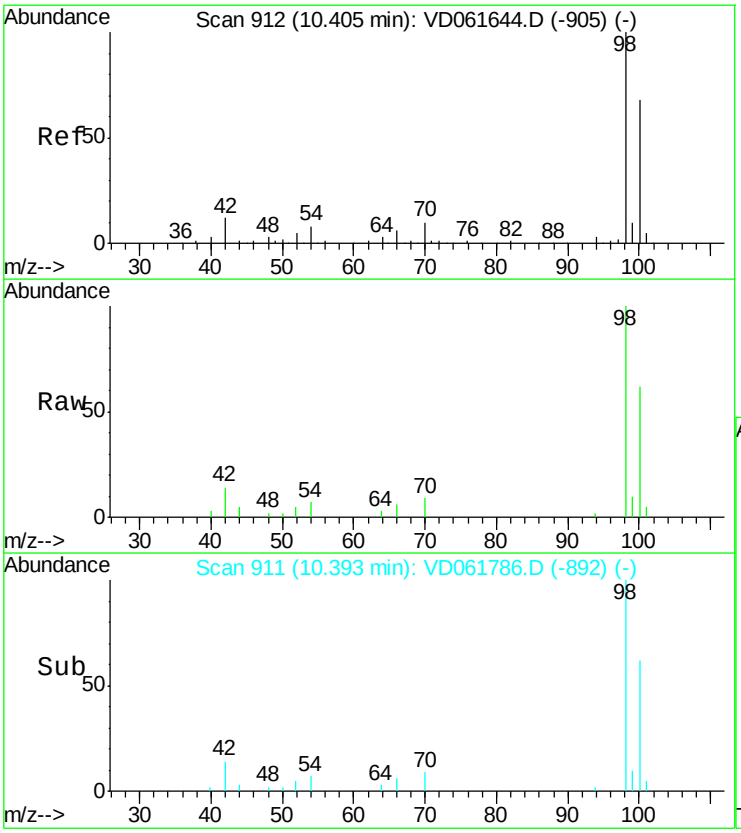
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.91 min Scan# 557
Delta R.T. -0.01 min
Lab File: VD061786.D
Acq: 12 Apr 2019 18:56

Instrument :
MSVOA_D
ClientSampleId :
TP-11-S2RE

Tgt Ion:113 Resp: 24278

Ion	Ratio	Lower	Upper
113	100		
111	108.0	79.3	118.9
192	18.9	12.3	18.5#

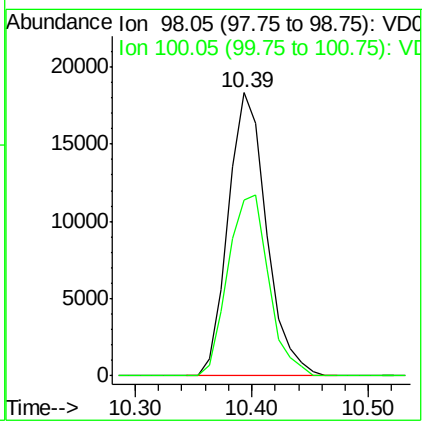


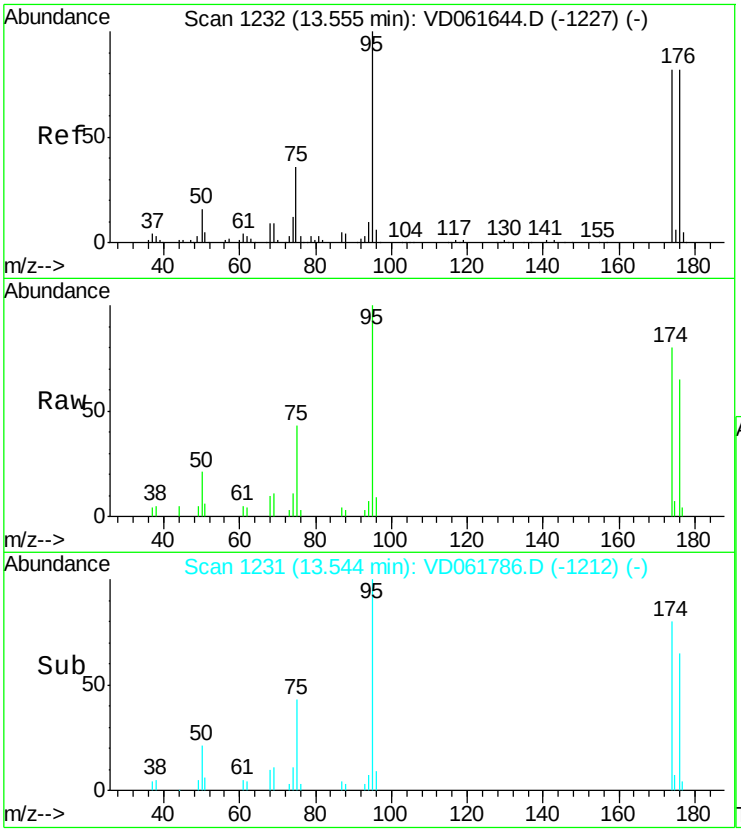


#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.39 min Scan# 911
Delta R.T. -0.01 min
Lab File: VD061786.D
Acq: 12 Apr 2019 18:56

Tgt Ion: 98 Resp: 41766

Ion	Ratio	Lower	Upper
98	100		
100	62.3	55.4	83.0



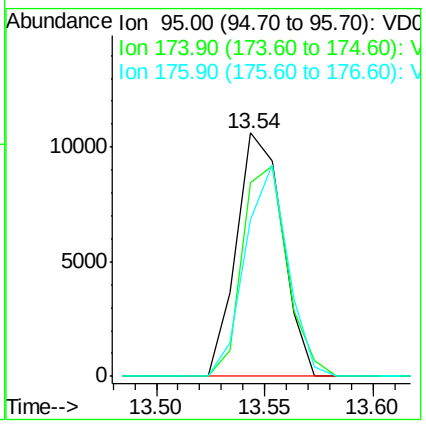


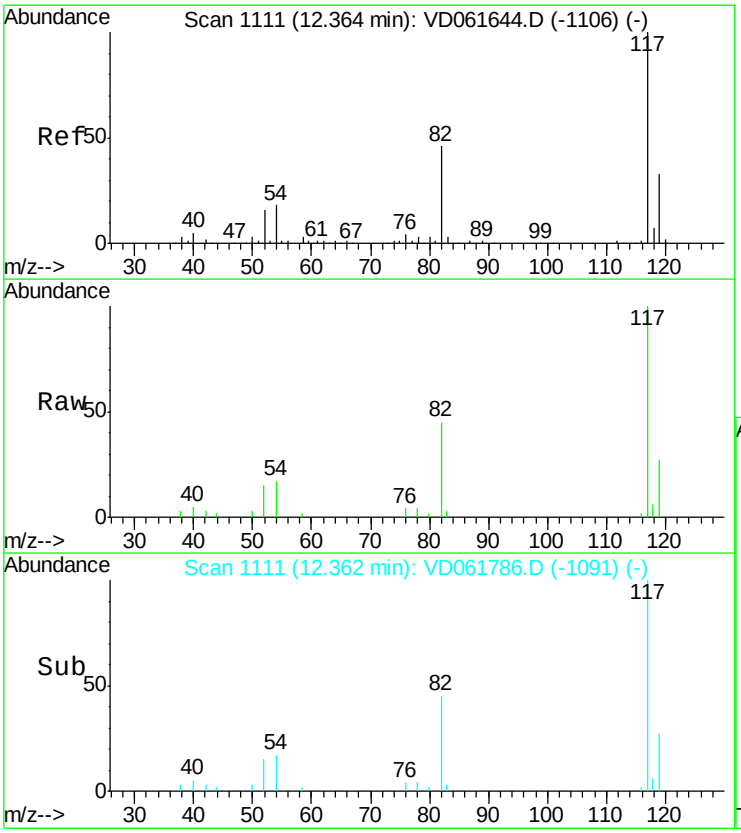
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.54 min Scan# 1231
Delta R.T. -0.01 min
Lab File: VD061786.D
Acq: 12 Apr 2019 18:56

Instrument : MSVOA_D
ClientSampleId : TP-11-S2RE

Tgt Ion: 95 Resp: 15581

Ion	Ratio	Lower	Upper
95	100		
174	79.8	0.0	164.6
176	64.5	0.0	165.0

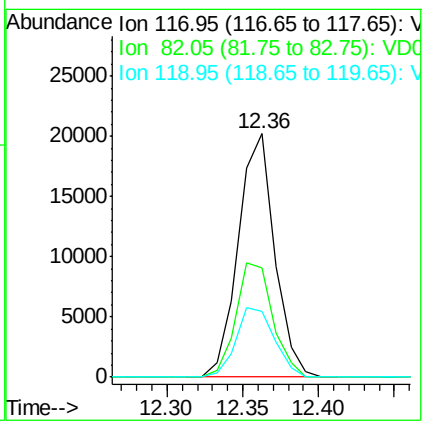


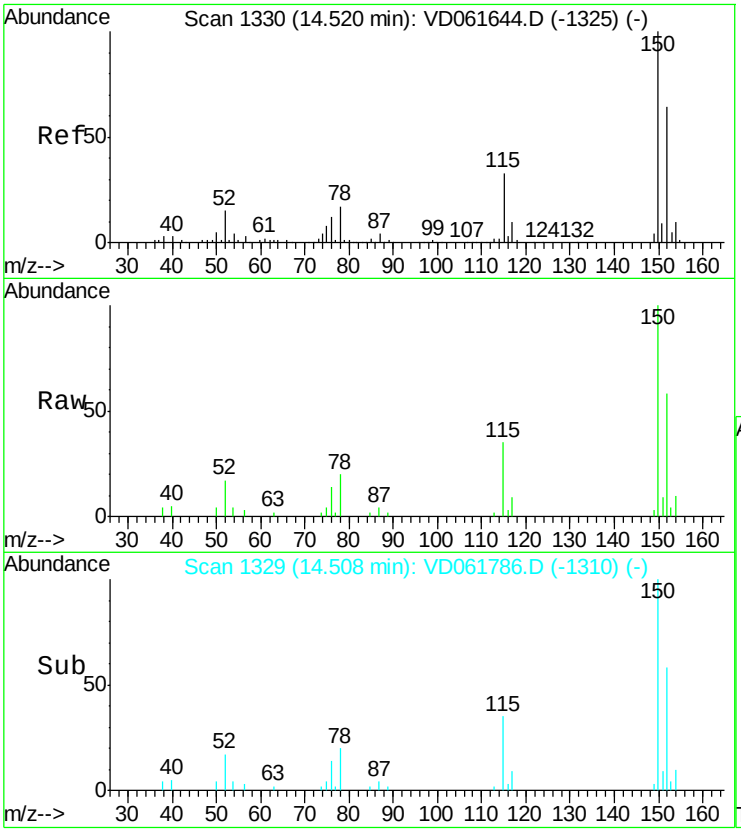


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VD061786.D
Acq: 12 Apr 2019 18:56

Tgt Ion:117 Resp: 33849

Ion	Ratio	Lower	Upper
117	100		
82	44.9	36.8	55.2
119	27.0	26.1	39.1





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.01 min
Lab File: VD061786.D
Acq: 12 Apr 2019 18:56

Instrument :
MSVOA_D
ClientSampleId :
TP-11-S2RE

Tgt Ion:152 Resp: 14286

Ion	Ratio	Lower	Upper
152	100		
115	60.9	26.4	79.2
150	172.7	0.0	320.6