Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD040319\
Data File : VD061560.D
Acq On : 3 Apr 2019 17:21
Operator : VA/AP
Sample : K2186-19RE
Misc : 5.46g/5ml/MSVOA_D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : BELT-PARKWAY-STAGING-YARD-3

Quant Time: Apr 04 02:42:41 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	7.05	168	241070	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.22	114	447948	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.36	117	292094	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	67543	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	143016	69.45	ug/l	0.02
Spiked Amount 50.000			Recovery = 138.90%			
35) Dibromofluoromethane	6.92	113	194153	56.72	ug/l	0.02
Spiked Amount 50.000			Recovery = 113.44%			
50) Toluene-d8	10.40	98	293778	35.78	ug/l	0.02
Spiked Amount 50.000			Recovery = 71.56%			
62) 4-Bromofluorobenzene	13.55	95	79475	25.24	ug/l	0.00
Spiked Amount 50.000			Recovery = 50.48%			
Target Compounds						Qvalue
16) Acetone	3.22	43	80791	152.614	ug/l	99
18) Methyl Acetate	3.64	43	16469	14.796	ug/l	97
20) Methylene Chloride	3.82	84	25725	7.024	ug/l	93

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

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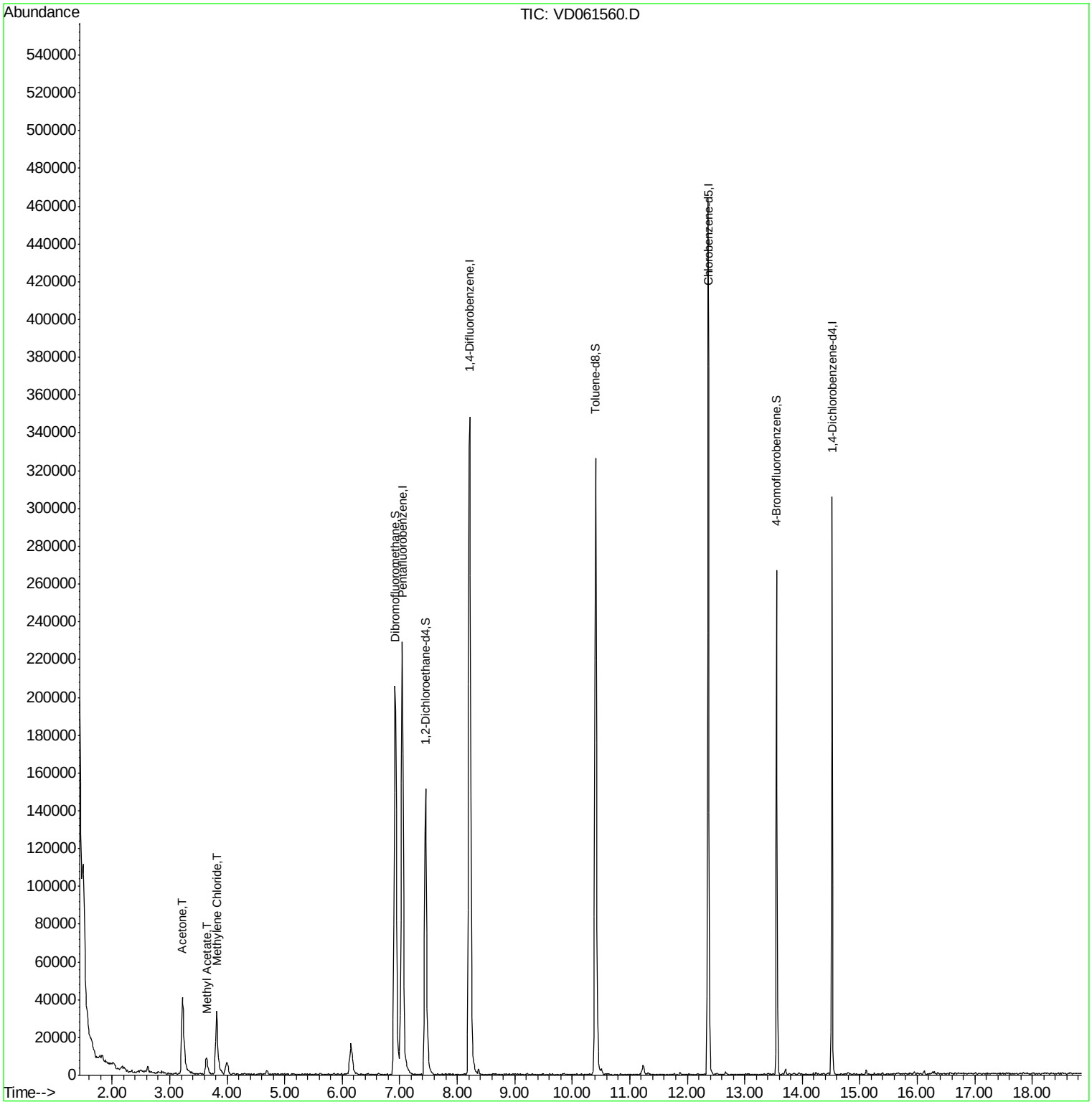
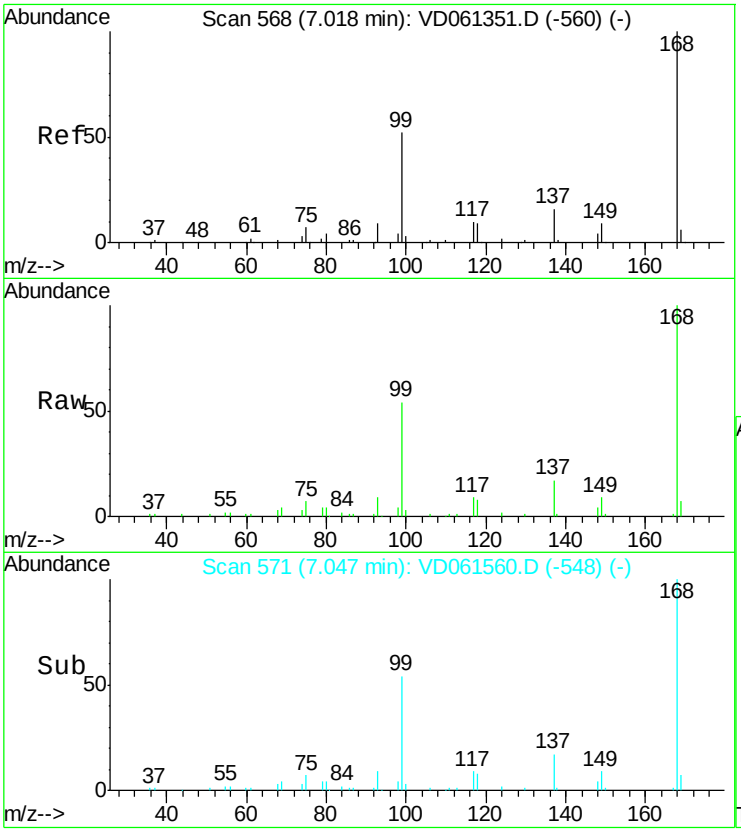


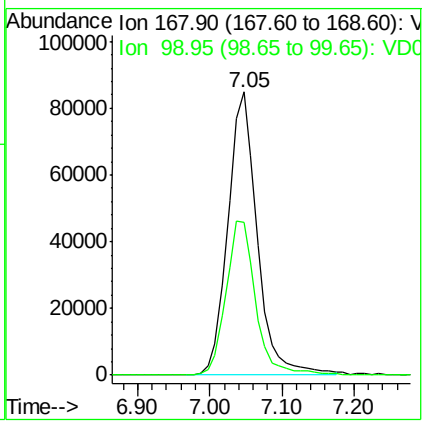


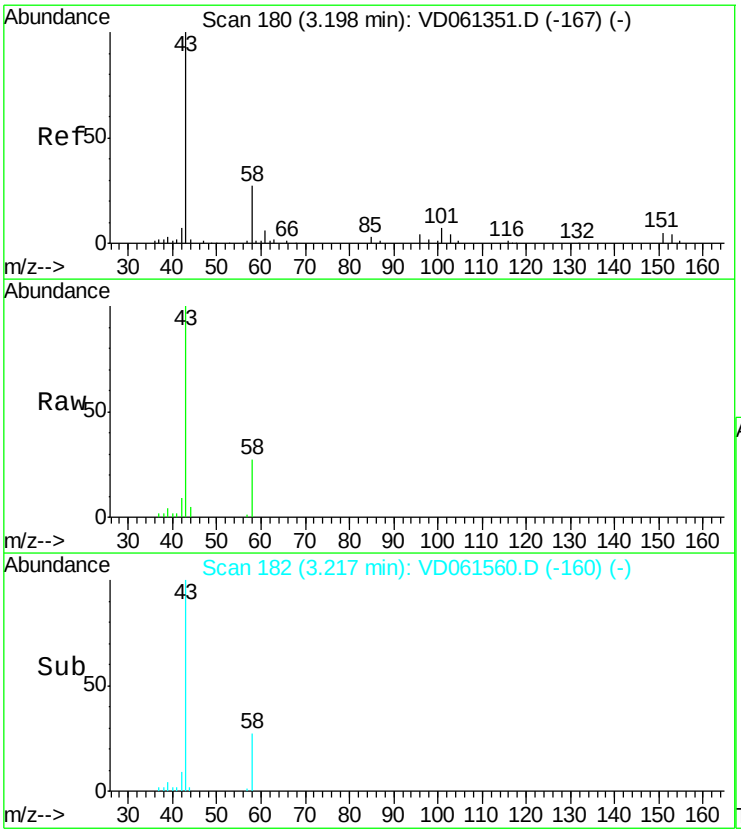
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.05 min Scan# 571
Delta R.T. 0.03 min
Lab File: VD061560.D
Acq: 3 Apr 2019 17:21

Instrument :
MSVOA_D
ClientSampleId :
BELT-PARKWAY-STAGING-YARD-3

Tgt Ion:168 Resp: 241070

Ion	Ratio	Lower	Upper
168	100		
99	53.9	43.1	64.7

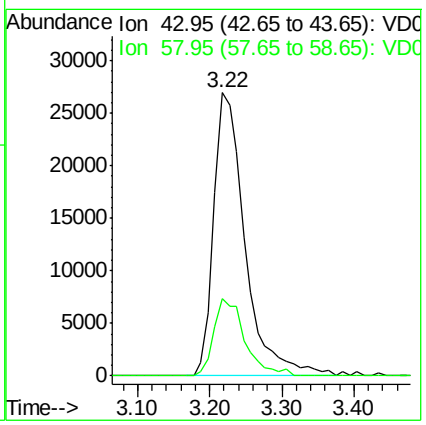


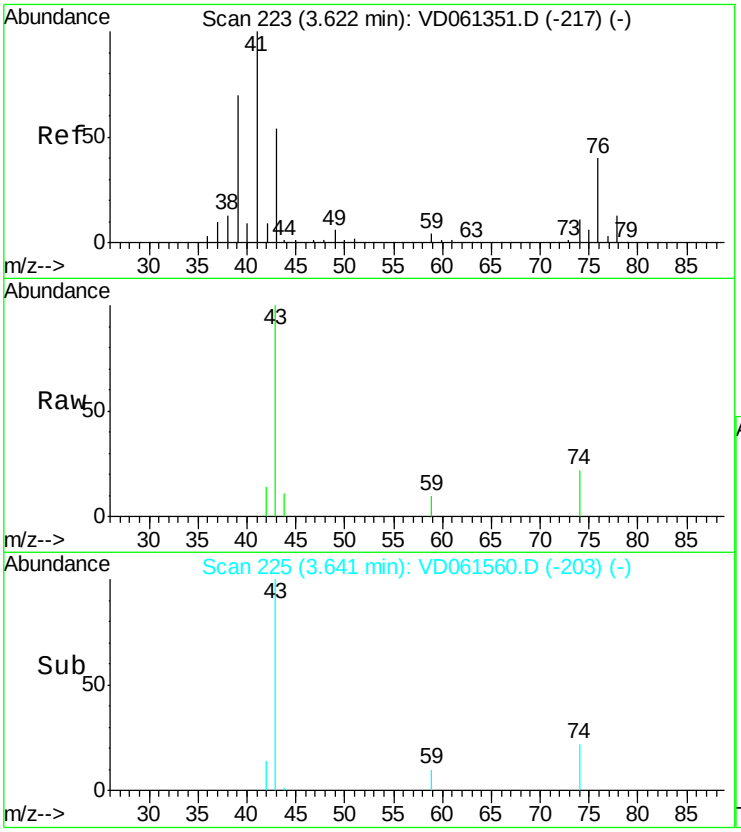


#16
Acetone
Concen: 152.614 ug/l
RT: 3.22 min Scan# 182
Delta R.T. 0.02 min
Lab File: VD061560.D
Acq: 3 Apr 2019 17:21

Tgt Ion: 43 Resp: 80791

Ion	Ratio	Lower	Upper
43	100		
58	27.2	21.5	32.3



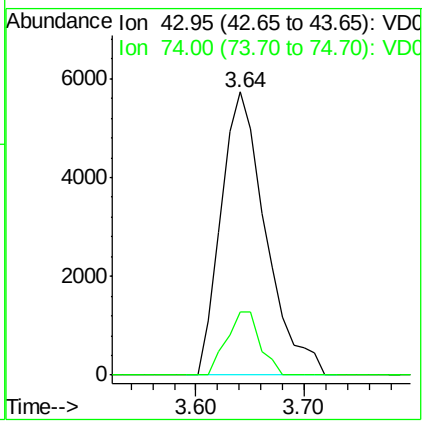


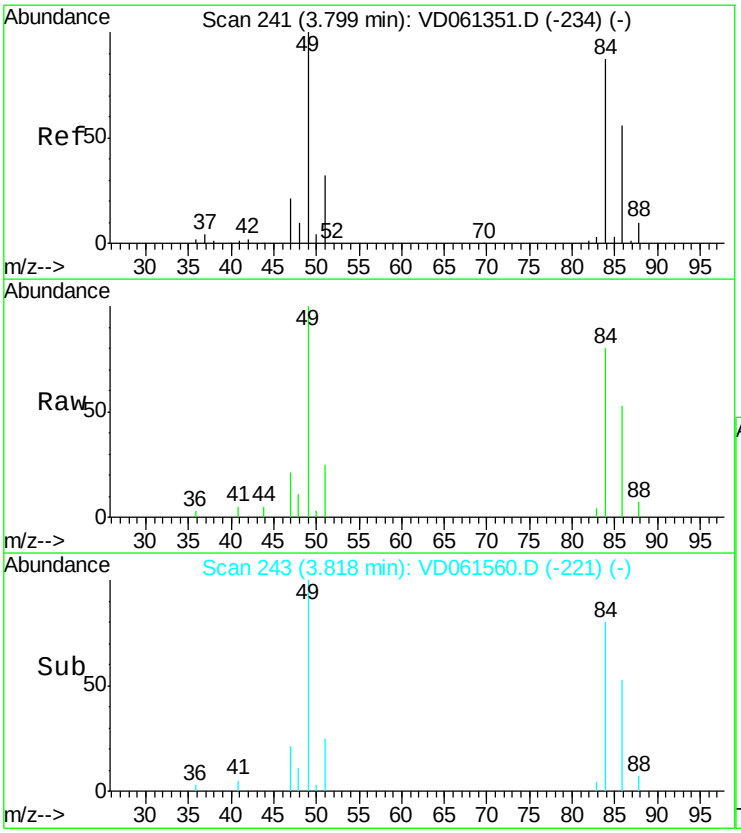
#18
Methyl Acetate
Concen: 14.796 ug/l
RT: 3.64 min Scan# 225
Delta R.T. 0.02 min
Lab File: VD061560.D
Acq: 3 Apr 2019 17:21

Instrument :
MSVOA_D
ClientSampleId :
BELT-PARKWAY-STAGING-YARD-3

Tgt Ion: 43 Resp: 16469

Ion	Ratio	Lower	Upper
43	100		
74	22.3	16.7	25.1

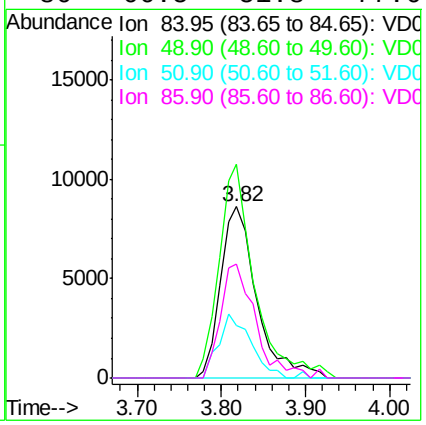


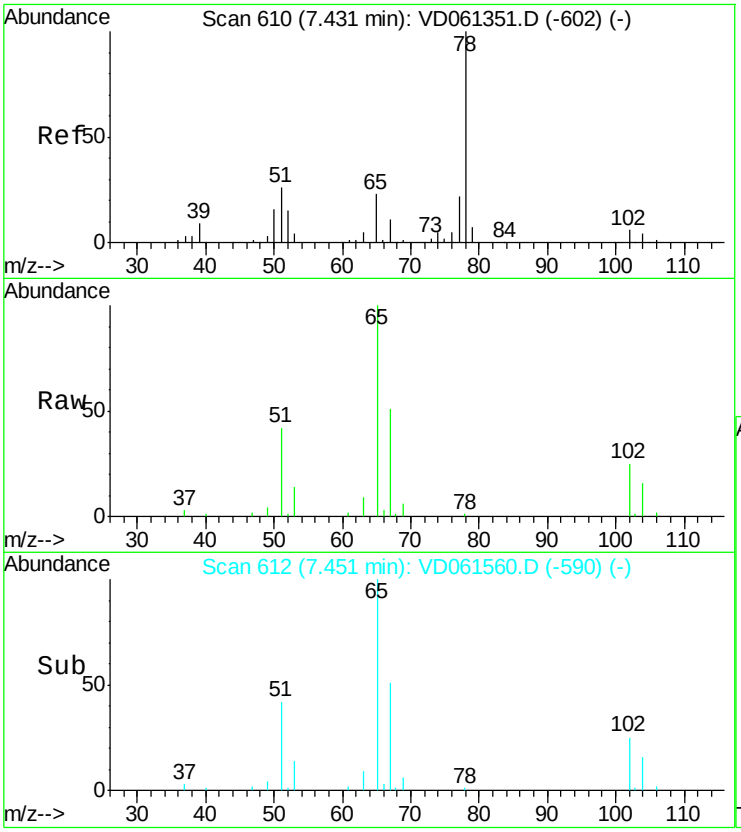


#20
Methylene Chloride
Concen: 7.024 ug/l
RT: 3.82 min Scan# 243
Delta R.T. 0.02 min
Lab File: VD061560.D
Acq: 3 Apr 2019 17:21

Tgt Ion: 84 Resp: 25725

Ion	Ratio	Lower	Upper
84	100		
49	125.0	91.8	137.8
51	30.9	29.8	44.8
86	66.5	51.8	77.6



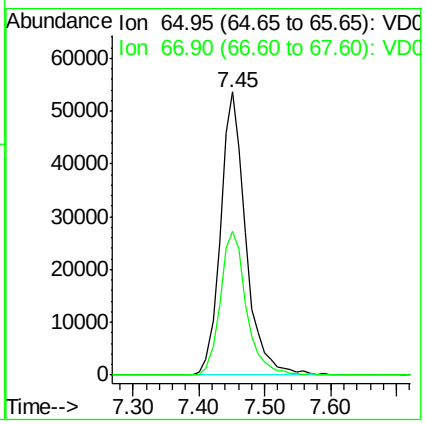


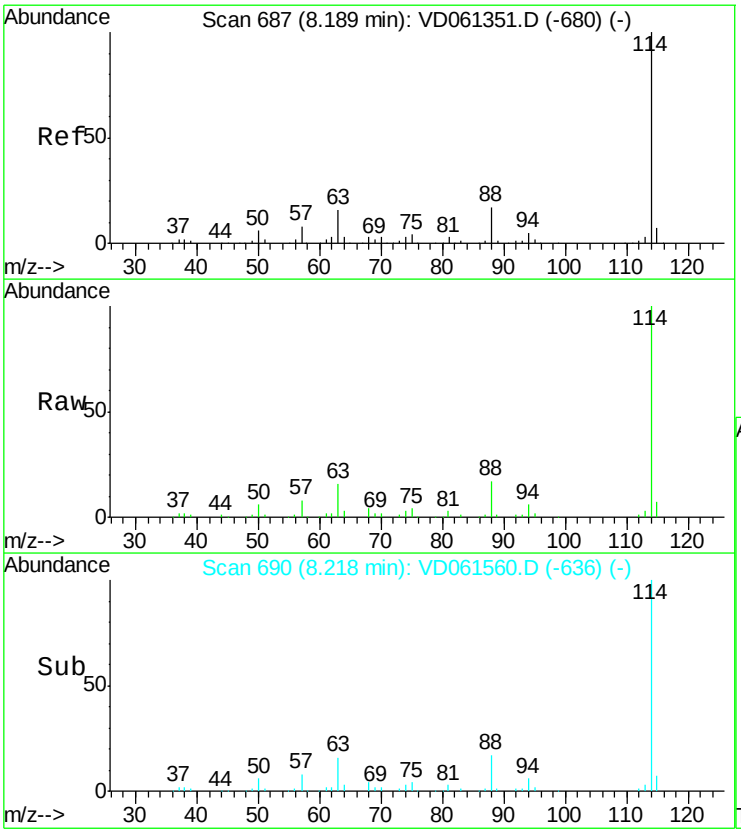
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.45 min Scan# 612
Delta R.T. 0.02 min
Lab File: VD061560.D
Acq: 3 Apr 2019 17:21

Instrument :
MSVOA_D
ClientSampleId :
BELT-PARKWAY-STAGING-YARD-3

Tgt Ion: 65 Resp: 143016

Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	99.8

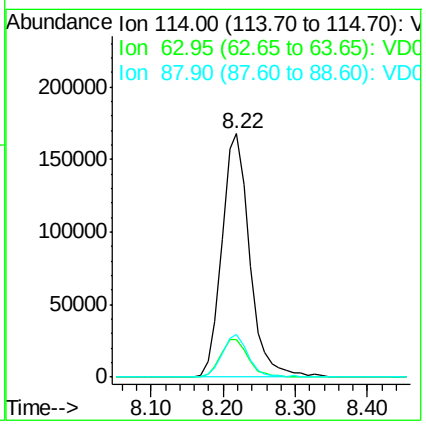


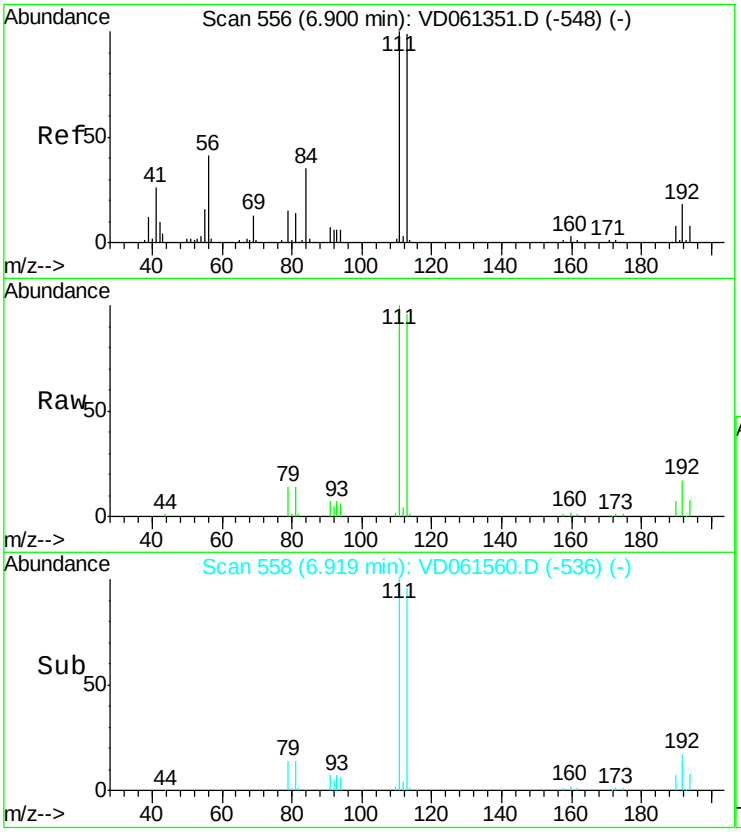


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.22 min Scan# 690
Delta R.T. 0.03 min
Lab File: VD061560.D
Acq: 3 Apr 2019 17:21

Tgt Ion:114 Resp: 447948

Ion	Ratio	Lower	Upper
114	100		
63	15.6	0.0	31.6
88	17.4	0.0	33.4



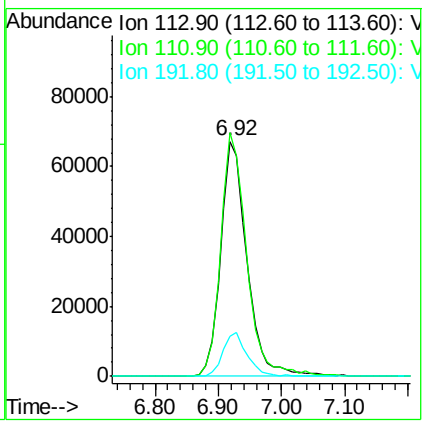


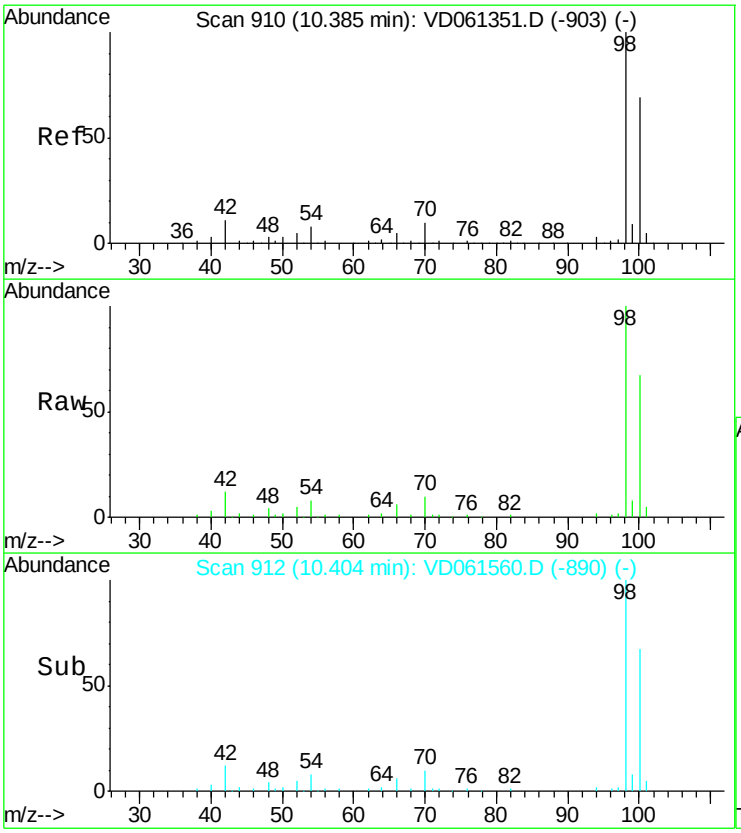
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.92 min Scan# 558
Delta R.T. 0.02 min
Lab File: VD061560.D
Acq: 3 Apr 2019 17:21

Instrument :
MSVOA_D
ClientSampleId :
BELT-PARKWAY-STAGING-YARD-3

Tgt Ion:113 Resp: 194153

Ion	Ratio	Lower	Upper
113	100		
111	103.7	81.0	121.6
192	17.2	14.4	21.6

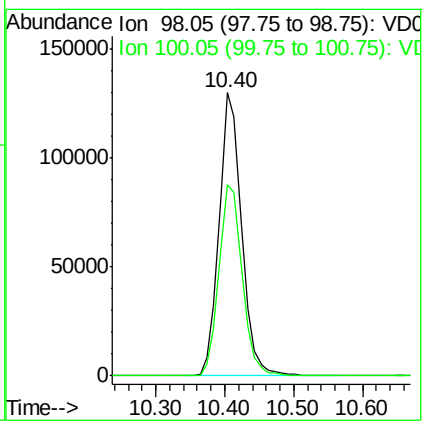


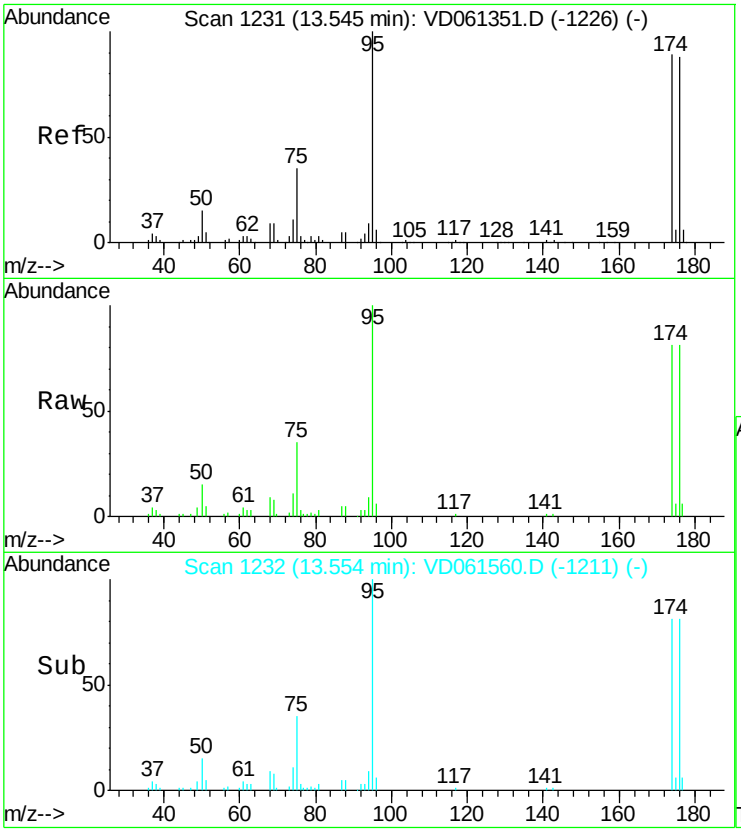


#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.40 min Scan# 912
Delta R.T. 0.02 min
Lab File: VD061560.D
Acq: 3 Apr 2019 17:21

Tgt Ion: 98 Resp: 293778

Ion	Ratio	Lower	Upper
98	100		
100	67.3	56.2	84.2



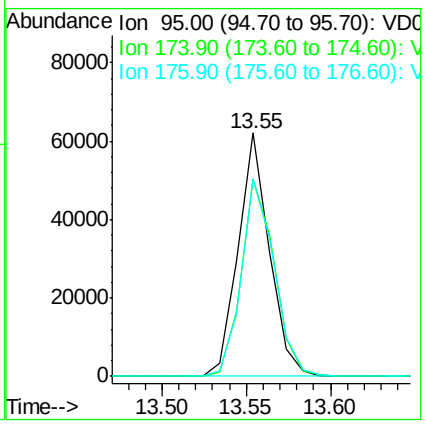


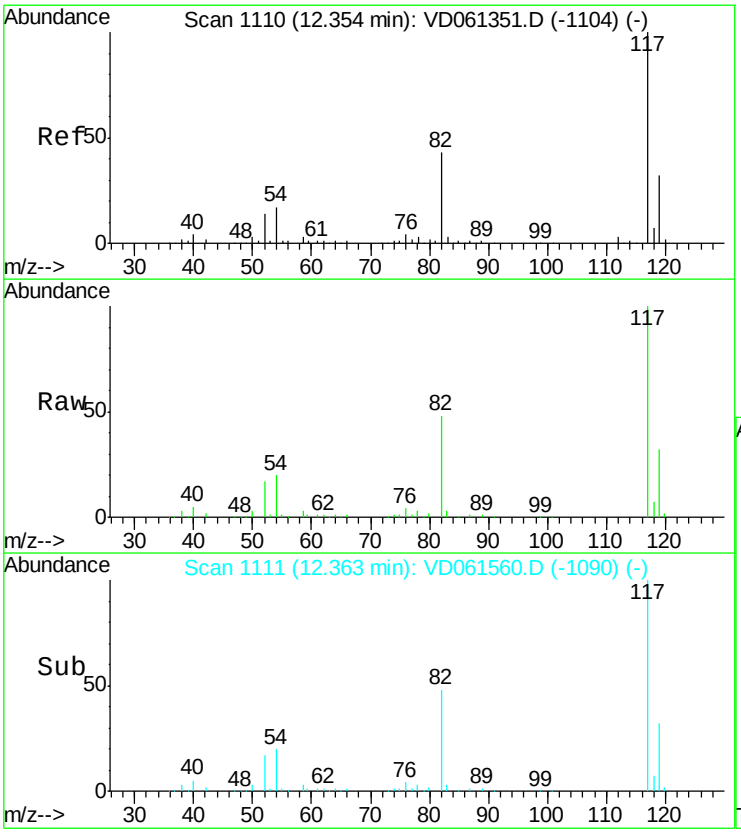
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.01 min
Lab File: VD061560.D
Acq: 3 Apr 2019 17:21

Instrument :
MSVOA_D
ClientSampleId :
BELT-PARKWAY-STAGING-YARD-3

Tgt Ion: 95 Resp: 79475

Ion	Ratio	Lower	Upper
95	100		
174	81.2	0.0	178.0
176	81.1	0.0	175.0

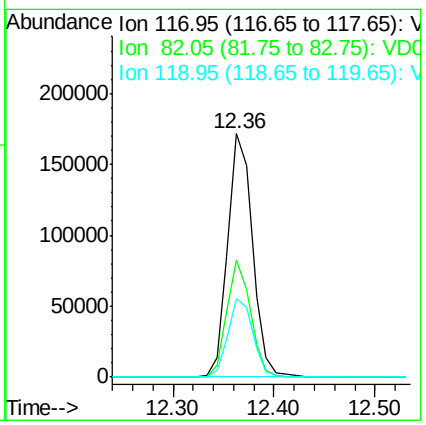


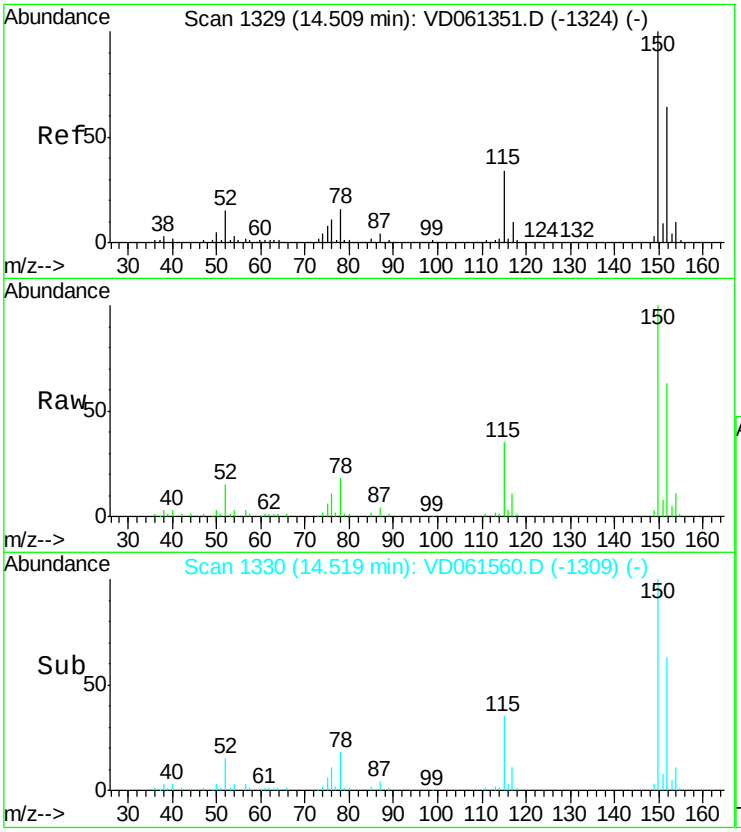


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.01 min
Lab File: VD061560.D
Acq: 3 Apr 2019 17:21

Tgt Ion:117 Resp: 292094

Ion	Ratio	Lower	Upper
117	100		
82	48.0	34.4	51.6
119	32.4	25.8	38.6





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.01 min
Lab File: VD061560.D
Acq: 3 Apr 2019 17:21

Instrument :
MSVOA_D
ClientSampleId :
BELT-PARKWAY-STAGING-YARD-3

Tgt Ion:152 Resp: 67543

Ion	Ratio	Lower	Upper
152	100		
115	54.9	26.9	80.6
150	157.6	0.0	318.0