Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD032919\
Data File : VD061431.D
Acq On : 29 Mar 2019 15:56
Operator : VA/AP
Sample : K1697-15
Misc : 5.36g/5ml/MSVOA_D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : SU-02-032719-B

Quant Time: Mar 30 01:30:47 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	427123	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.22	114	775861	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.37	117	631467	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	231375	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	253406	69.45	ug/l	0.02
Spiked Amount 50.000			Recovery = 138.90%			
35) Dibromofluoromethane	6.93	113	373562	63.01	ug/l	0.03
Spiked Amount 50.000			Recovery = 126.02%			
50) Toluene-d8	10.42	98	746556	52.50	ug/l	0.03
Spiked Amount 50.000			Recovery = 105.00%			
62) 4-Bromofluorobenzene	13.56	95	276946	50.79	ug/l	0.01
Spiked Amount 50.000			Recovery = 101.58%			
Target Compounds						Qvalue
16) Acetone	3.22	43	65428	69.757	ug/l	95
18) Methyl Acetate	3.65	43	9631	4.884	ug/l #	81
20) Methylene Chloride	3.82	84	111087	19.989	ug/l	96

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

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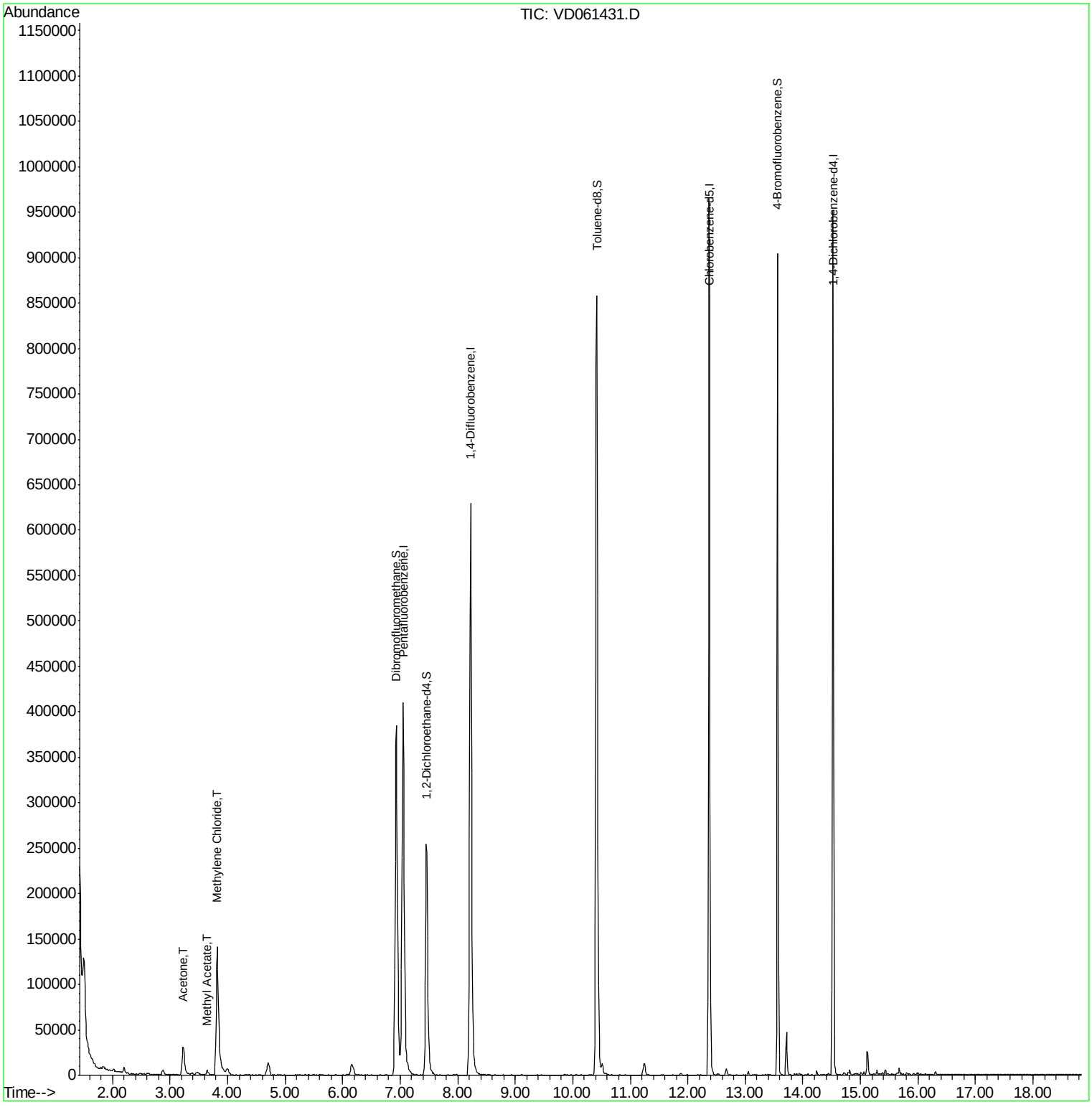
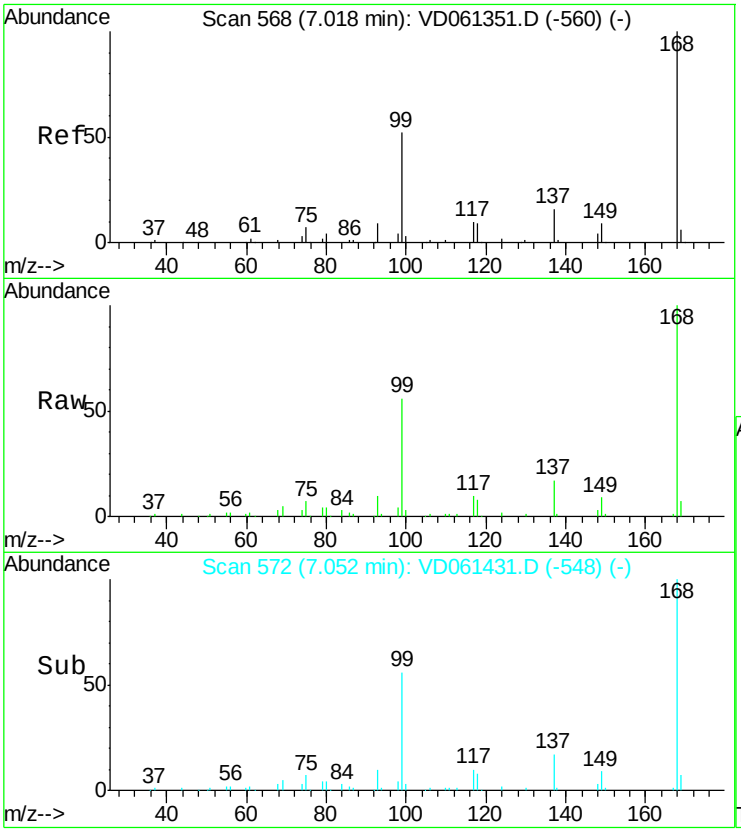


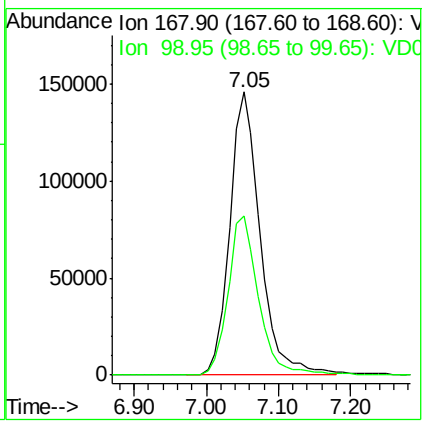


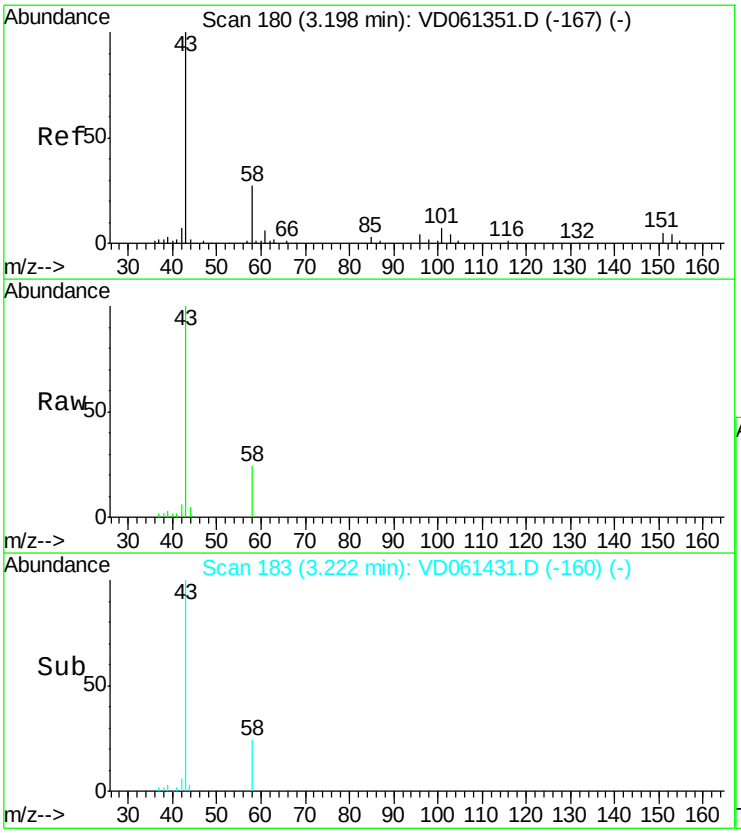
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.05 min Scan# 572
Delta R.T. 0.03 min
Lab File: VD061431.D
Acq: 29 Mar 2019 15:56

Instrument :
MSVOA_D
ClientSampleId :
SU-02-032719-B

Tgt Ion:168 Resp: 427123

Ion	Ratio	Lower	Upper
168	100		
99	56.3	43.1	64.7

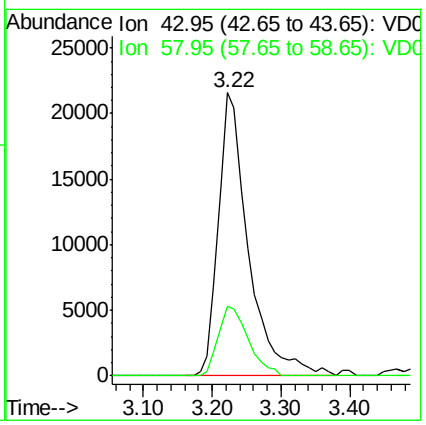


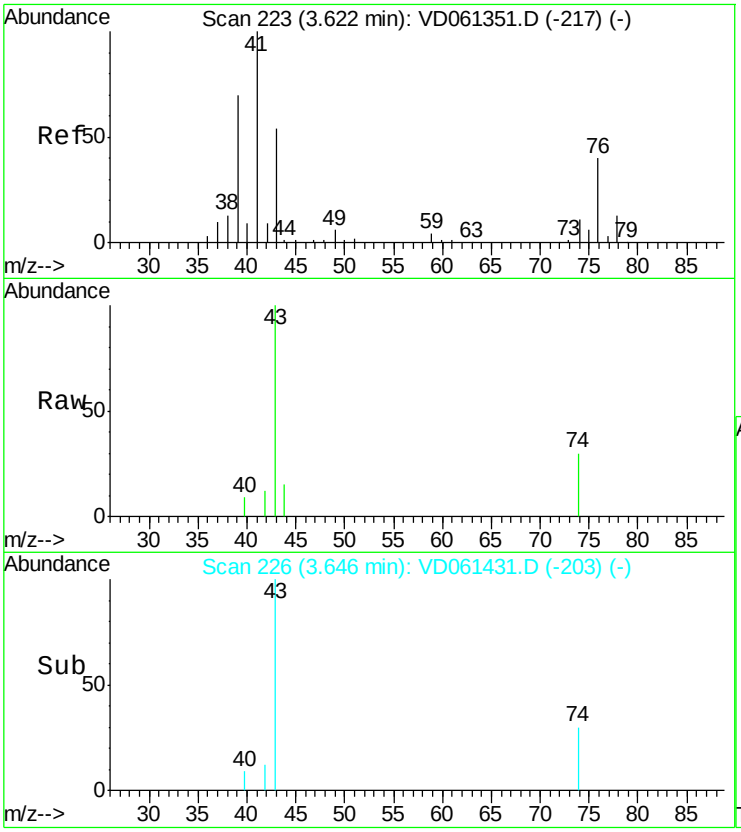


#16
Acetone
Concen: 69.757 ug/l
RT: 3.22 min Scan# 183
Delta R.T. 0.02 min
Lab File: VD061431.D
Acq: 29 Mar 2019 15:56

Tgt Ion: 43 Resp: 65428

Ion	Ratio	Lower	Upper
43	100		
58	24.5	21.5	32.3



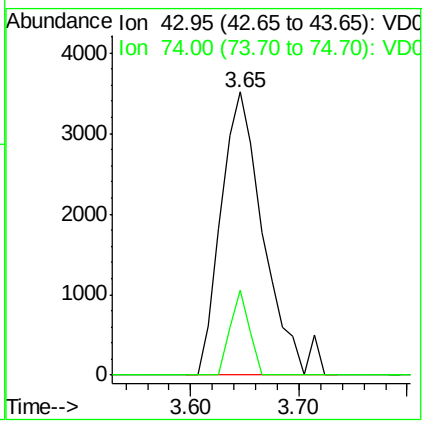


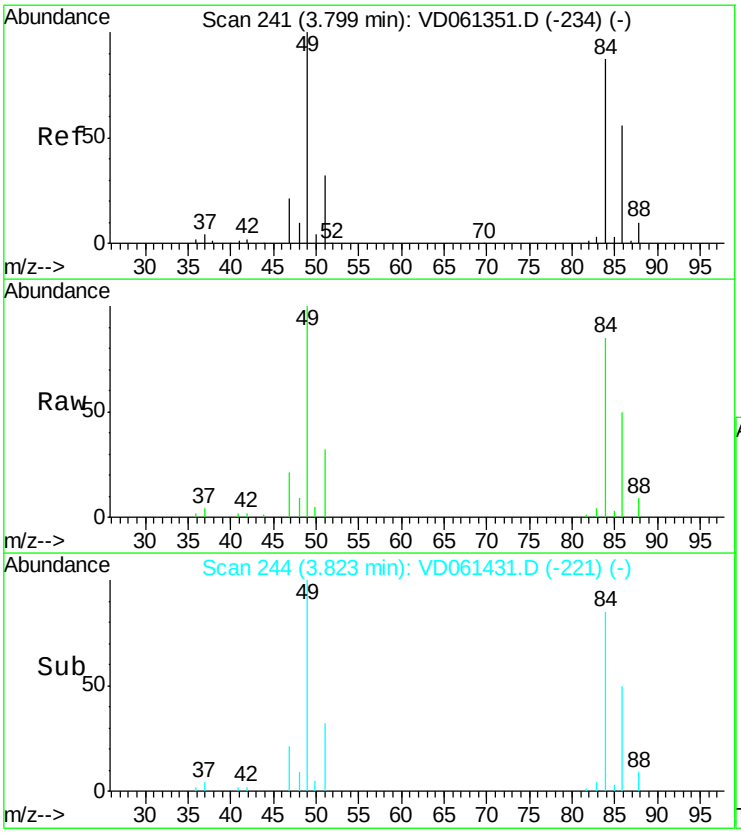
#18
Methyl Acetate
Concen: 4.884 ug/l
RT: 3.65 min Scan# 226
Delta R.T. 0.02 min
Lab File: VD061431.D
Acq: 29 Mar 2019 15:56

Instrument : MSVOA_D
ClientSampleId : SU-02-032719-B

Tgt Ion: 43 Resp: 9631

Ion	Ratio	Lower	Upper
43	100		
74	29.8	16.7	25.1#

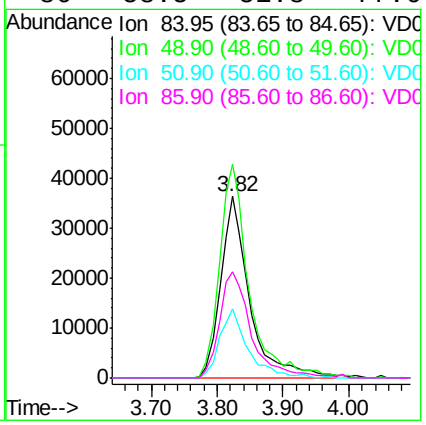


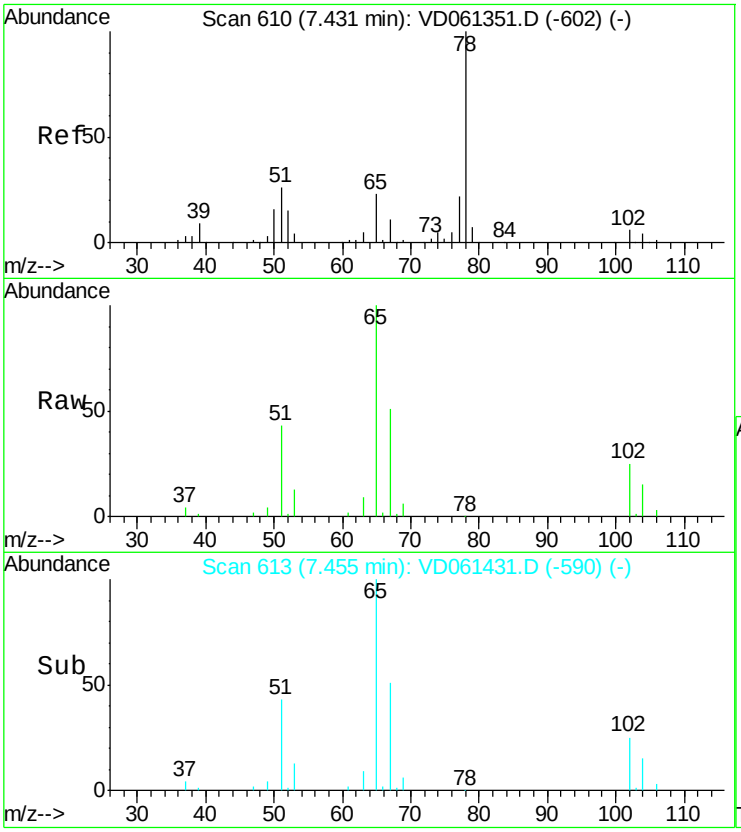


#20
Methylene Chloride
Concen: 19.989 ug/l
RT: 3.82 min Scan# 244
Delta R.T. 0.02 min
Lab File: VD061431.D
Acq: 29 Mar 2019 15:56

Tgt Ion: 84 Resp: 111087

Ion	Ratio	Lower	Upper
84	100		
49	117.7	91.8	137.8
51	38.1	29.8	44.8
86	58.5	51.8	77.6



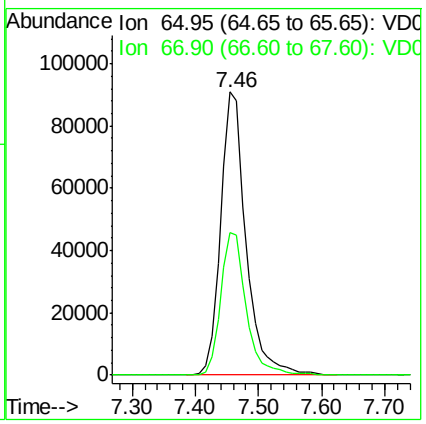


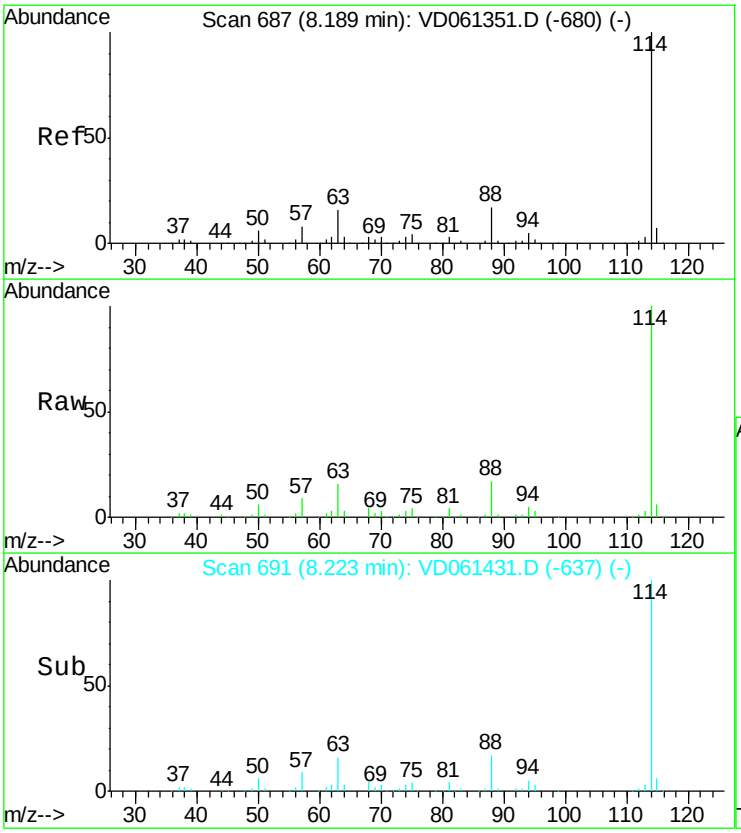
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.46 min Scan# 613
Delta R.T. 0.02 min
Lab File: VD061431.D
Acq: 29 Mar 2019 15:56

Instrument :
MSVOA_D
ClientSampleId :
SU-02-032719-B

Tgt Ion: 65 Resp: 253406

Ion	Ratio	Lower	Upper
65	100		
67	50.6	0.0	99.8

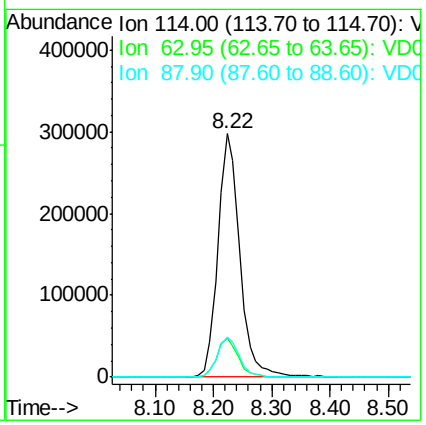


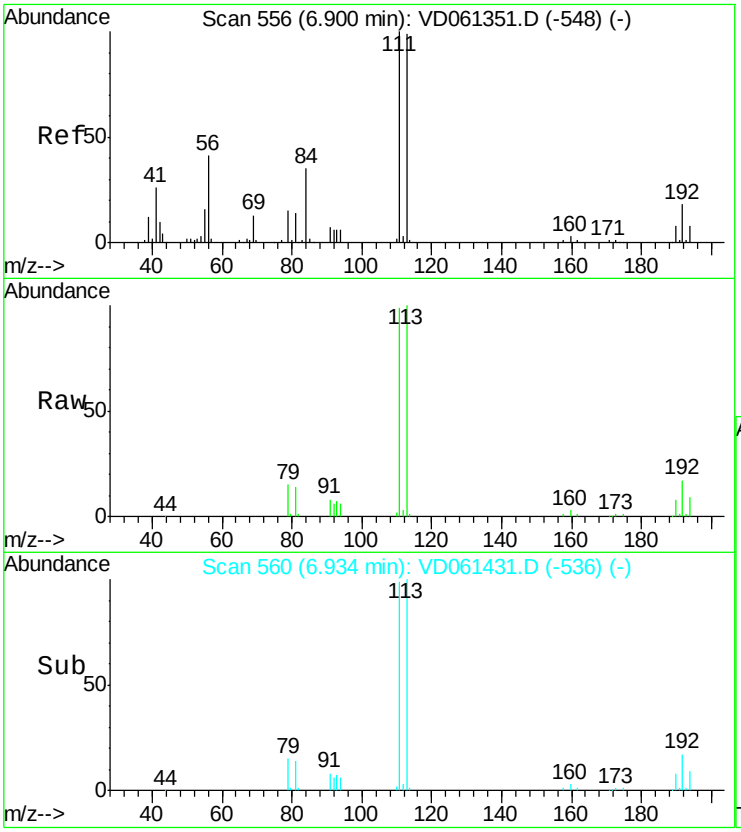


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.22 min Scan# 691
Delta R.T. 0.03 min
Lab File: VD061431.D
Acq: 29 Mar 2019 15:56

Tgt Ion:114 Resp: 775861

Ion	Ratio	Lower	Upper
114	100		
63	16.1	0.0	31.6
88	16.5	0.0	33.4



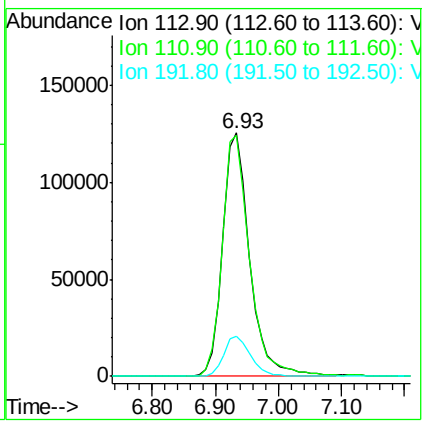


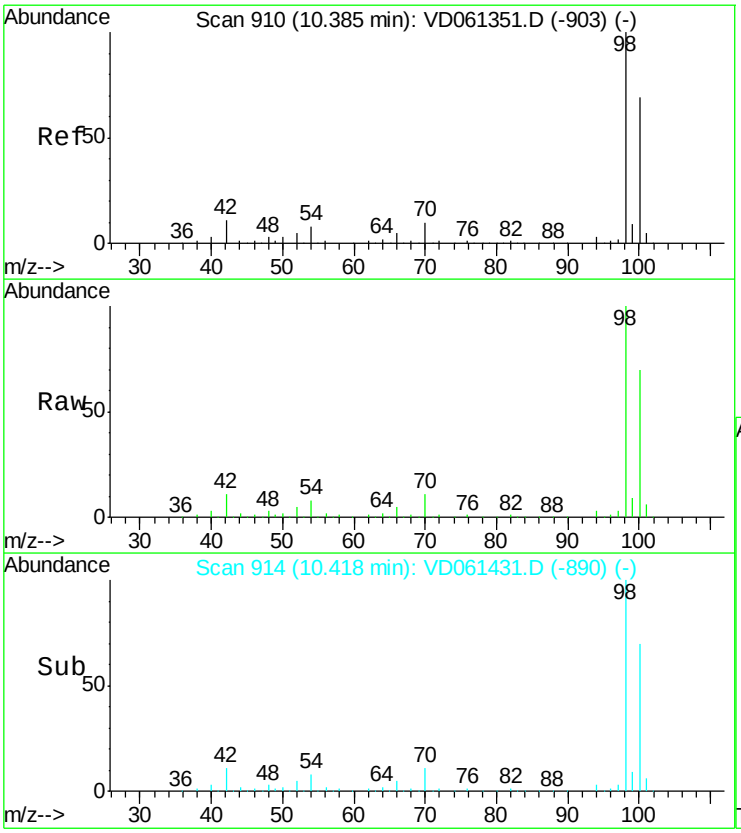
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.93 min Scan# 560
Delta R.T. 0.03 min
Lab File: VD061431.D
Acq: 29 Mar 2019 15:56

Instrument :
MSVOA_D
ClientSampleId :
SU-02-032719-B

Tgt Ion:113 Resp: 373562

Ion	Ratio	Lower	Upper
113	100		
111	99.1	81.0	121.6
192	16.6	14.4	21.6

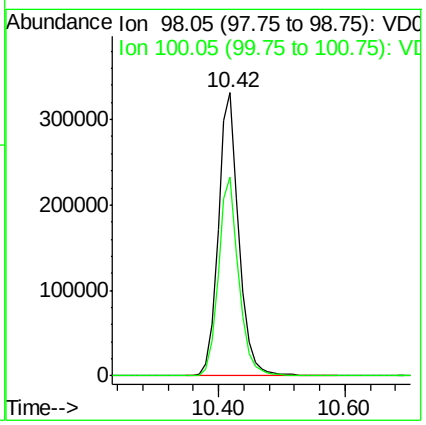


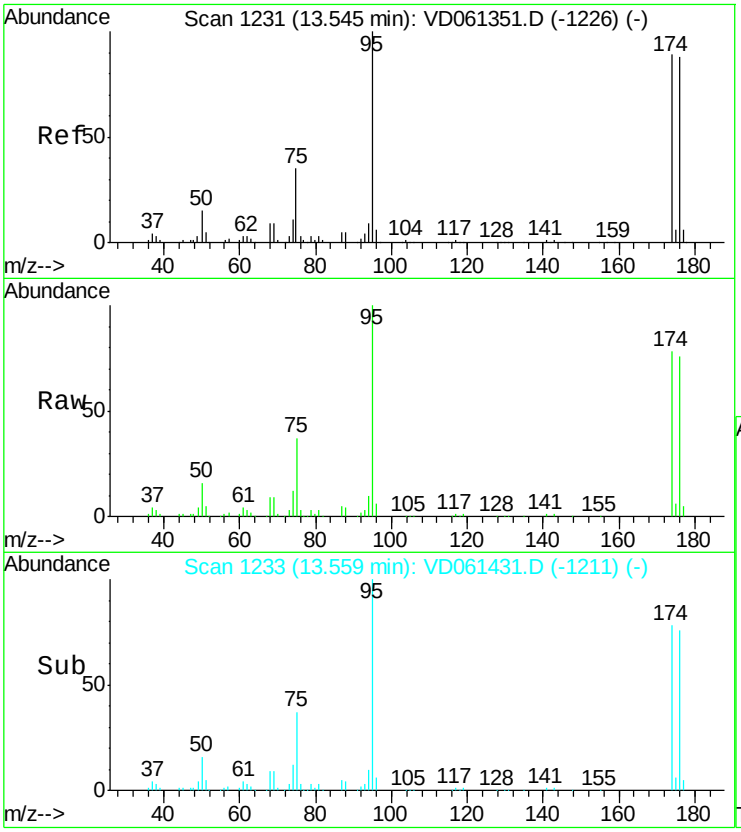


#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.42 min Scan# 914
Delta R.T. 0.03 min
Lab File: VD061431.D
Acq: 29 Mar 2019 15:56

Tgt Ion: 98 Resp: 746556

Ion	Ratio	Lower	Upper
98	100		
100	70.0	56.2	84.2



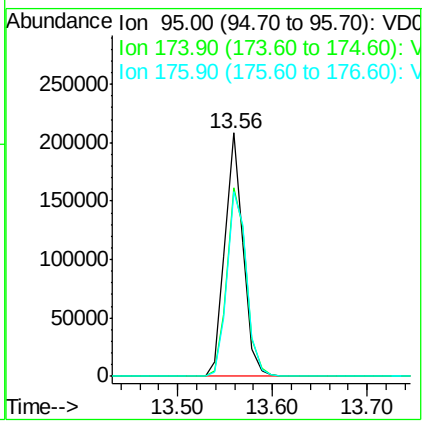


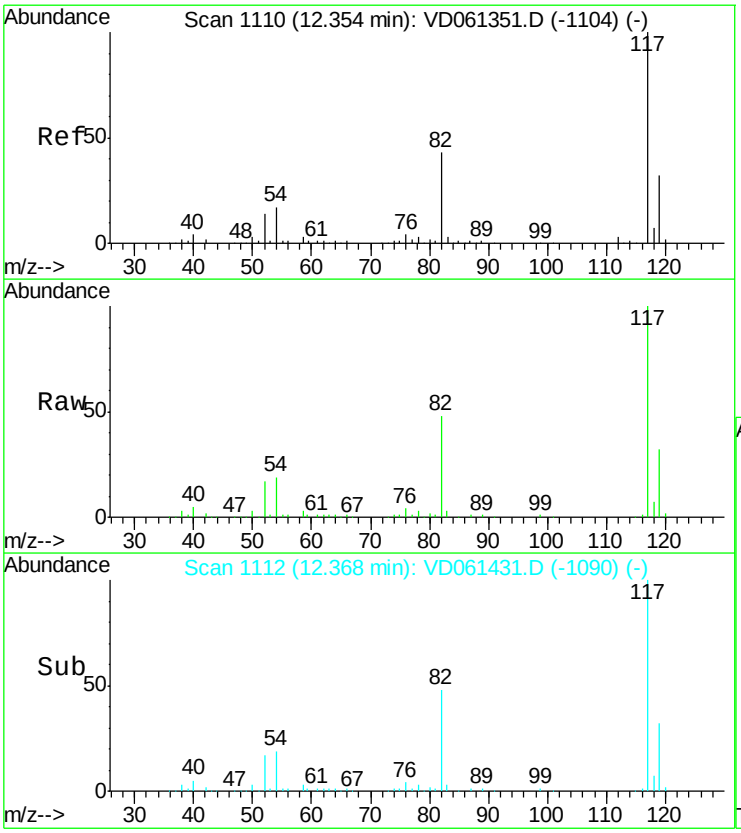
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.01 min
Lab File: VD061431.D
Acq: 29 Mar 2019 15:56

Instrument :
MSVOA_D
ClientSampleId :
SU-02-032719-B

Tgt Ion: 95 Resp: 276946

Ion	Ratio	Lower	Upper
95	100		
174	77.6	0.0	178.0
176	75.9	0.0	175.0

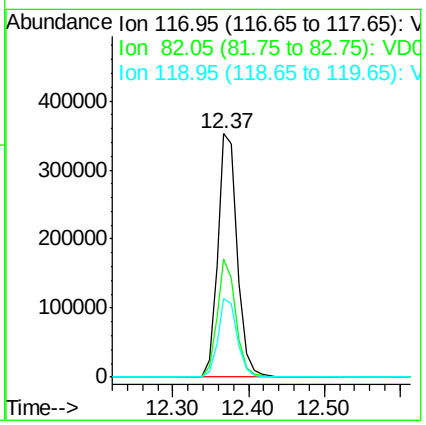


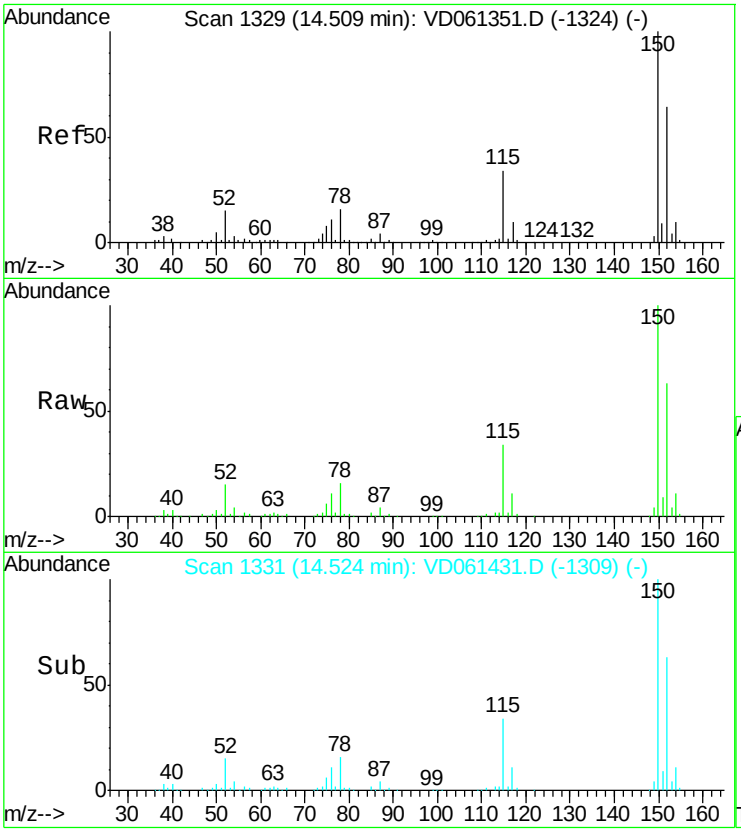


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD061431.D
Acq: 29 Mar 2019 15:56

Tgt Ion:117 Resp: 631467

Ion	Ratio	Lower	Upper
117	100		
82	48.3	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# 1331
Delta R.T. 0.01 min
Lab File: VD061431.D
Acq: 29 Mar 2019 15:56

Instrument :
MSVOA_D
ClientSampleId :
SU-02-032719-B

Tgt Ion:152 Resp: 231375

Ion	Ratio	Lower	Upper
152	100		
115	52.8	26.9	80.6
150	157.6	0.0	318.0