Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD040119\
Data File : VD061469.D
Acq On : 1 Apr 2019 15:31
Operator : VA/AP
Sample : K2183-02
Misc : 4.56g/5ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
FK-0D015-03-002

Manual Integrations APPROVED
MMDadoda
4/2/2019 11:39:17 AM

Quant Time: Apr 02 05:14:53 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	7.04	168	509967	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.22	114	875563	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.38	117	751989	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.53	152	279112	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	220793	50.68	ug/l	0.02
Spiked Amount 50.000			Recovery = 101.36%			
35) Dibromofluoromethane	6.92	113	6629	0.99	ug/l	0.02
Spiked Amount 50.000			Recovery = 1.98%			
50) Toluene-d8	10.42	98	748857	46.66	ug/l	0.03
Spiked Amount 50.000			Recovery = 93.32%			
62) 4-Bromofluorobenzene	13.57	95	282484	45.90	ug/l	0.02
Spiked Amount 50.000			Recovery = 91.80%			
Target Compounds						Qvalue
16) Acetone	3.29	43	144984m	129.465	ug/l	
20) Methylene Chloride	3.79	84	55073	7.133	ug/l	93

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

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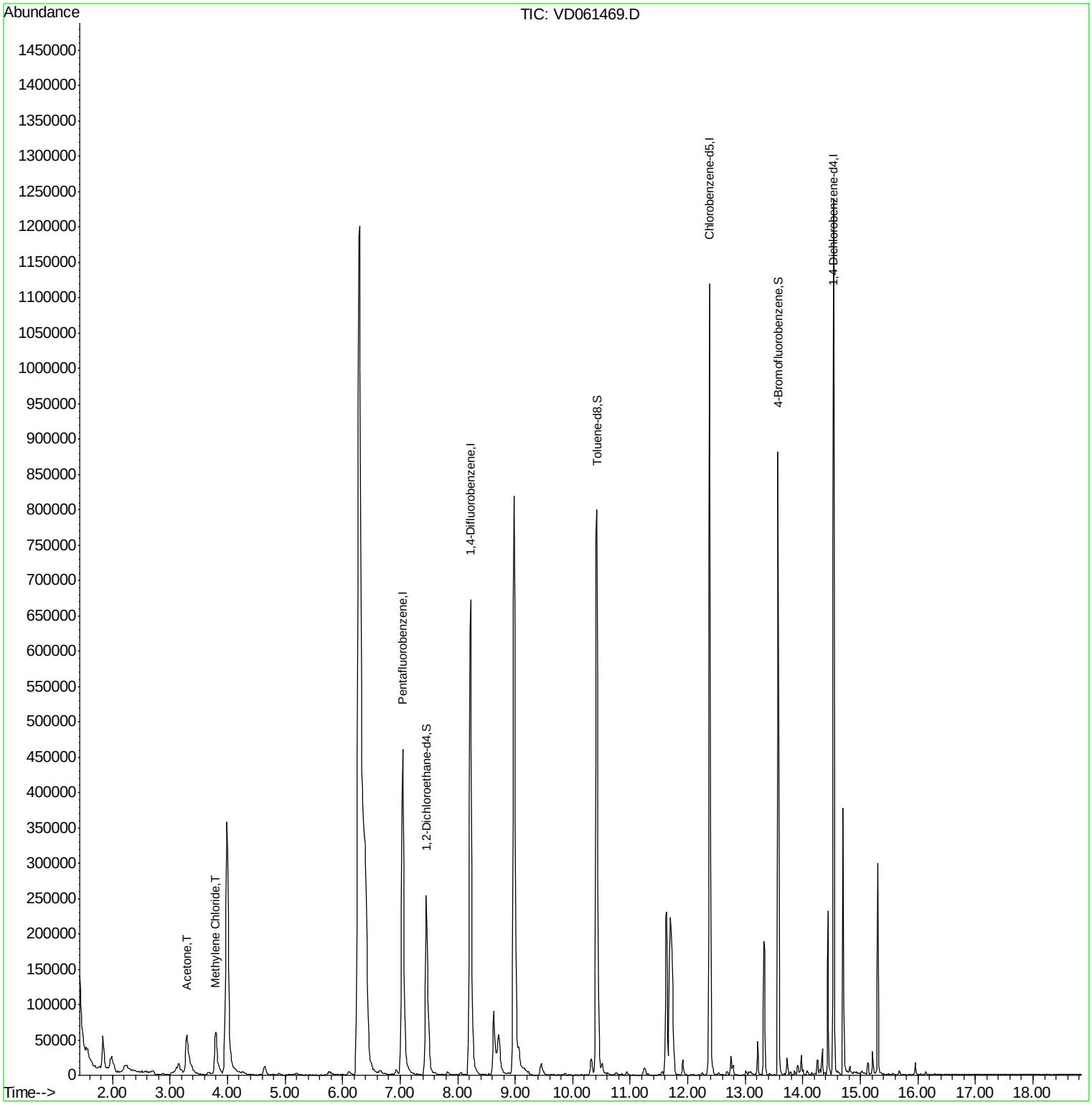
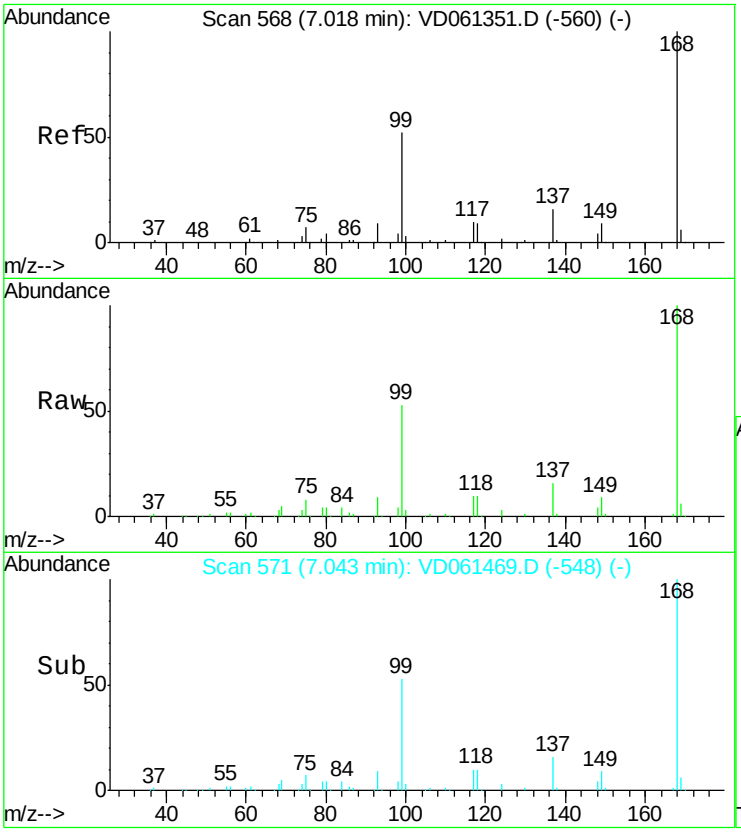
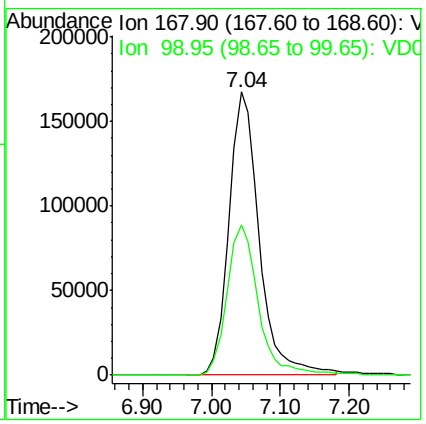




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.04 min Scan# 571
Delta R.T. 0.02 min
Lab File: VD061469.D
Acq: 1 Apr 2019 15:31

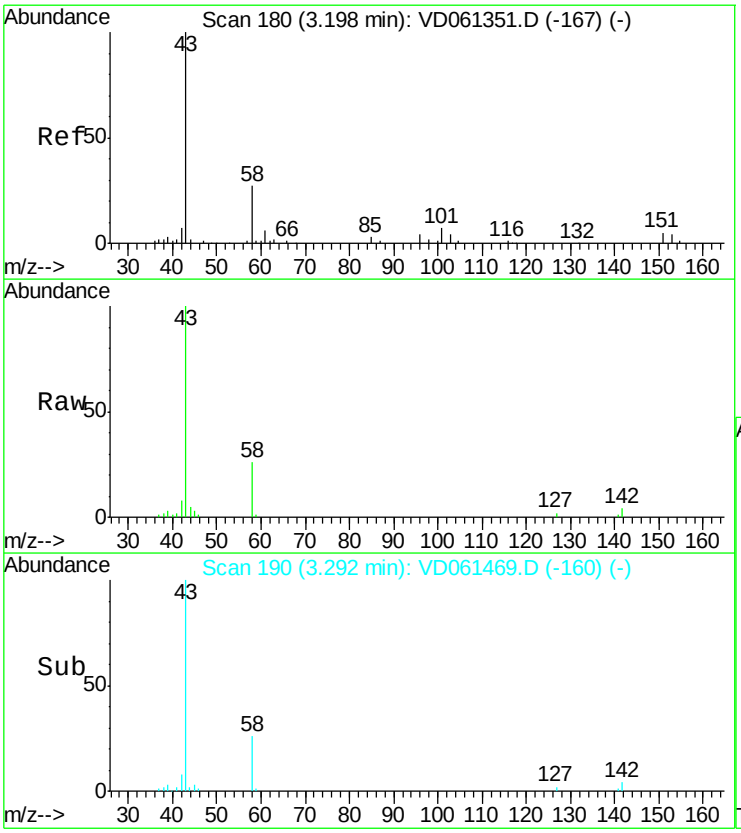
Tgt Ion:168 Resp: 509967

Ion	Ratio	Lower	Upper
168	100		
99	53.3	43.1	64.7



Instrument :
MSVOA_D
ClientSampleId :
FK-0D015-03-002

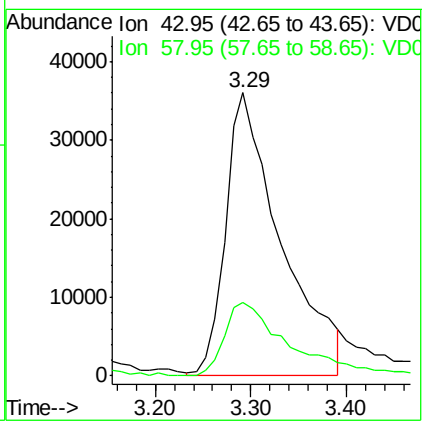
Manual Integrations APPROVED
MMDadoda
4/2/2019 11:39:17 AM

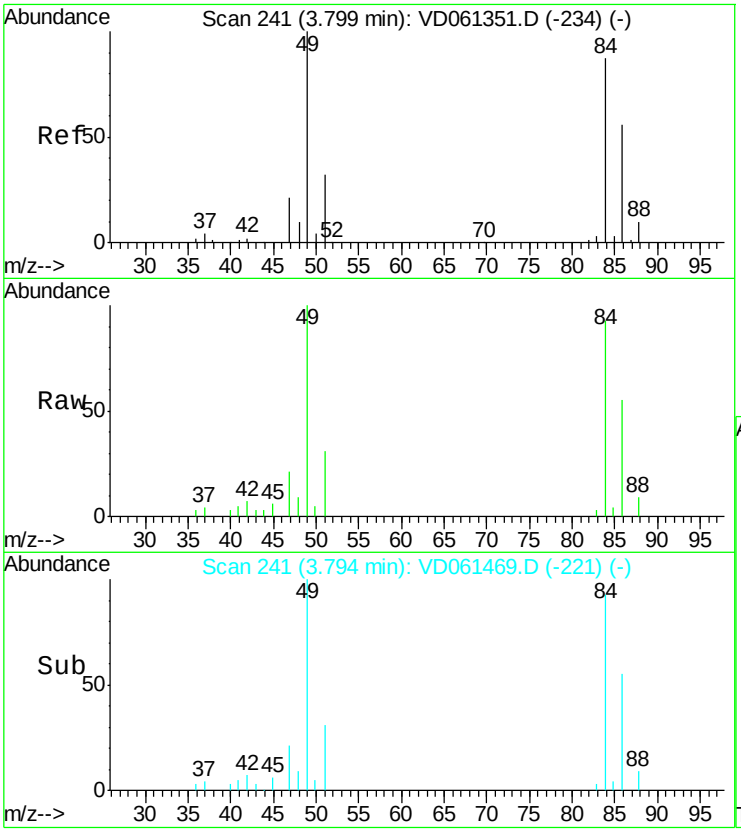


#16
Acetone
Concen: 129.465 ug/l m
RT: 3.29 min Scan# 190
Delta R.T. 0.09 min
Lab File: VD061469.D
Acq: 1 Apr 2019 15:31

Tgt Ion: 43 Resp: 144984

Ion	Ratio	Lower	Upper
43	100		
58	25.8	21.5	32.3

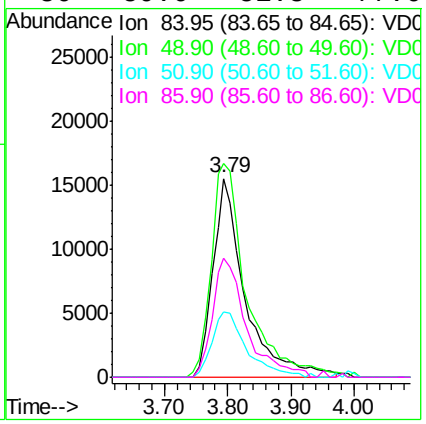




#20
Methylene Chloride
Concen: 7.133 ug/l
RT: 3.79 min Scan# 241
Delta R.T. -0.00 min
Lab File: VD061469.D
Acq: 1 Apr 2019 15:31

Tgt Ion: 84 Resp: 55073

Ion	Ratio	Lower	Upper
84	100		
49	107.4	91.8	137.8
51	32.8	29.8	44.8
86	59.6	51.8	77.6



Instrument :
MSVOA_D
ClientSampleId :
FK-0D015-03-002

Manual Integrations APPROVED
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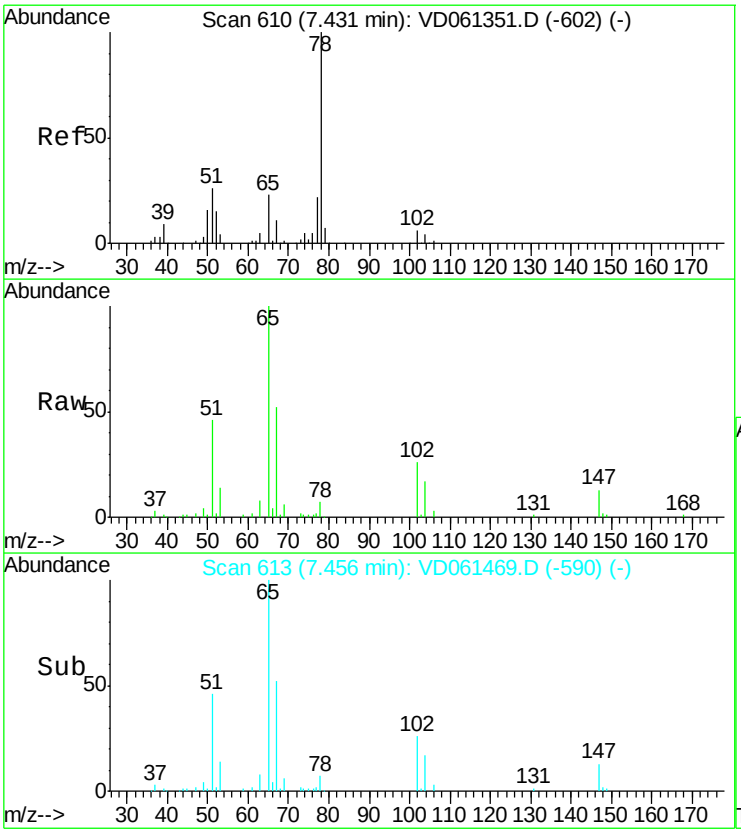
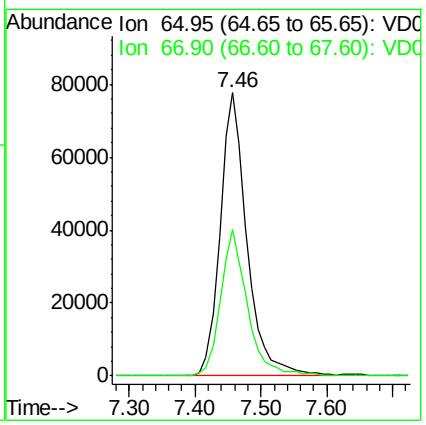
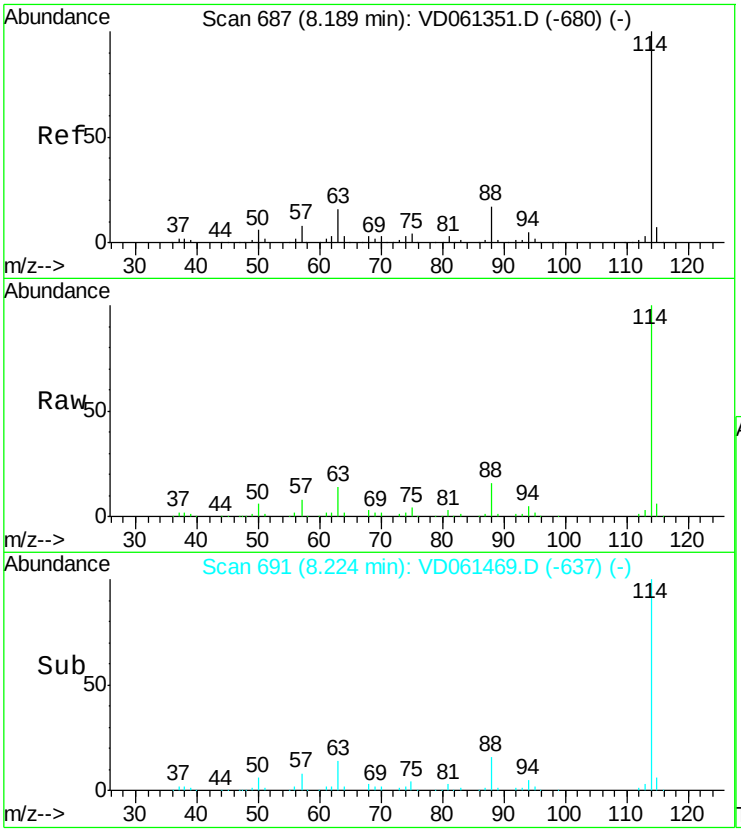


#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.46 min Scan# 613
Delta R.T. 0.02 min
Lab File: VD061469.D
Acq: 1 Apr 2019 15:31

Tgt Ion: 65 Resp: 220793

Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	99.8

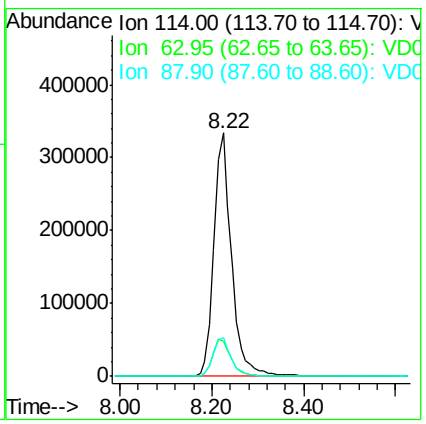




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.22 min Scan# 691
Delta R.T. 0.03 min
Lab File: VD061469.D
Acq: 1 Apr 2019 15:31

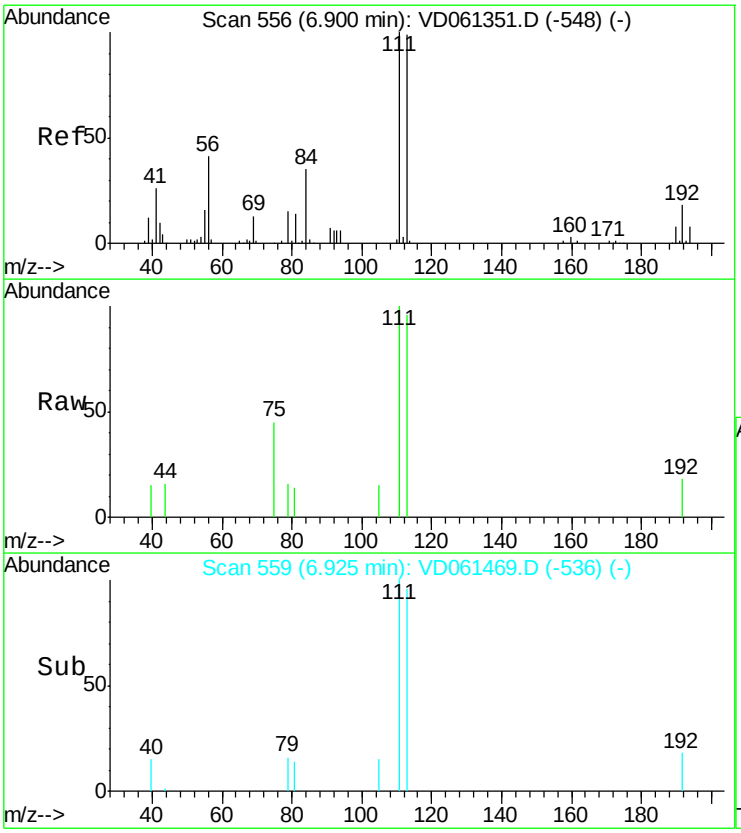
Tgt Ion:114 Resp: 875563

Ion	Ratio	Lower	Upper
114	100		
63	14.2	0.0	31.6
88	15.9	0.0	33.4



Instrument :
MSVOA_D
ClientSampleId :
FK-0D015-03-002

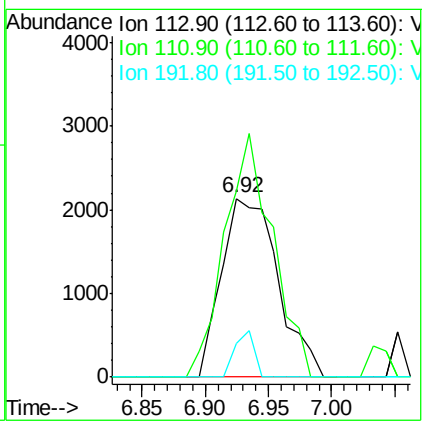
Manual Integrations APPROVED
MMDadoda
4/2/2019 11:39:17 AM

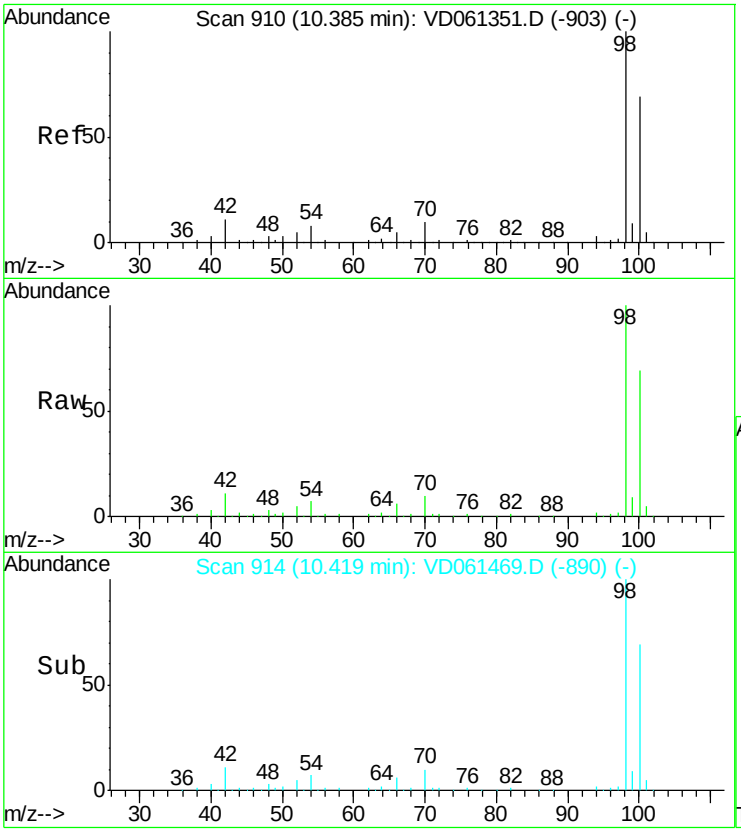


#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.92 min Scan# 559
Delta R.T. 0.02 min
Lab File: VD061469.D
Acq: 1 Apr 2019 15:31

Tgt Ion:113 Resp: 6629

Ion	Ratio	Lower	Upper
113	100		
111	104.4	81.0	121.6
192	18.8	14.4	21.6

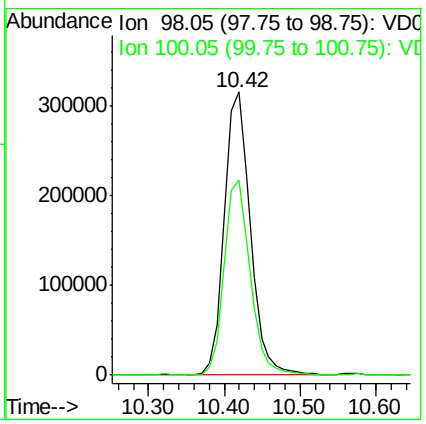




#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.42 min Scan# 914
Delta R.T. 0.03 min
Lab File: VD061469.D
Acq: 1 Apr 2019 15:31

Tgt Ion: 98 Resp: 748857

Ion	Ratio	Lower	Upper
98	100		
100	69.0	56.2	84.2



Instrument :
MSVOA_D
ClientSampleId :
FK-0D015-03-002

Manual Integrations APPROVED
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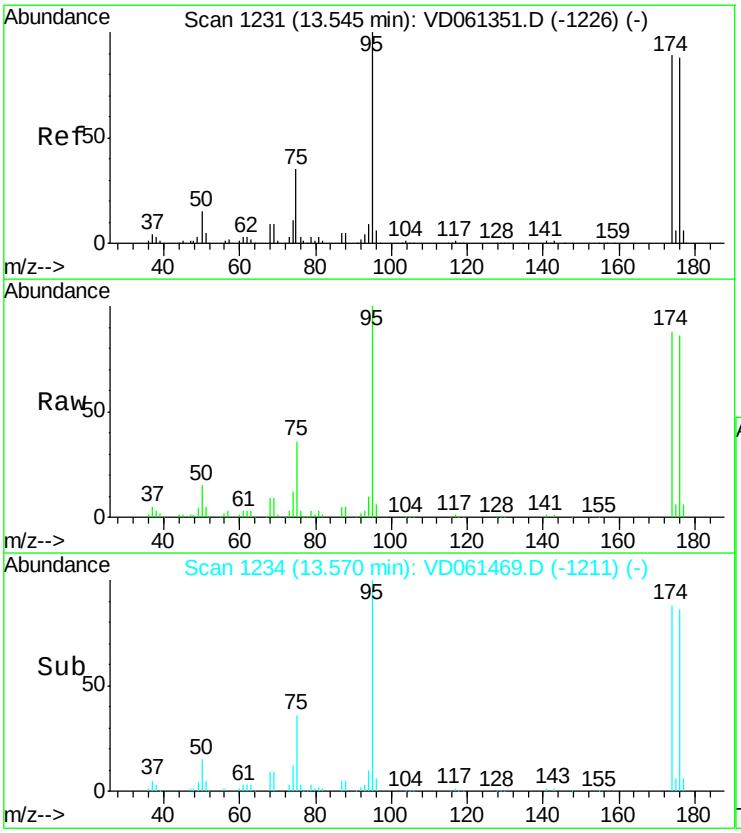
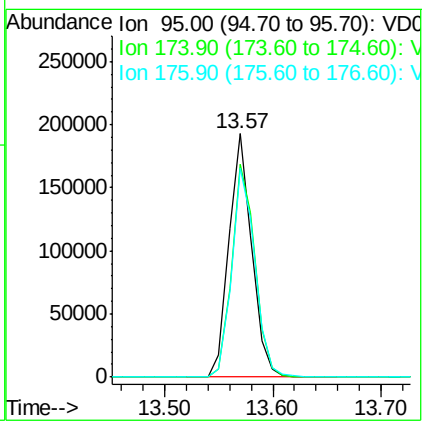
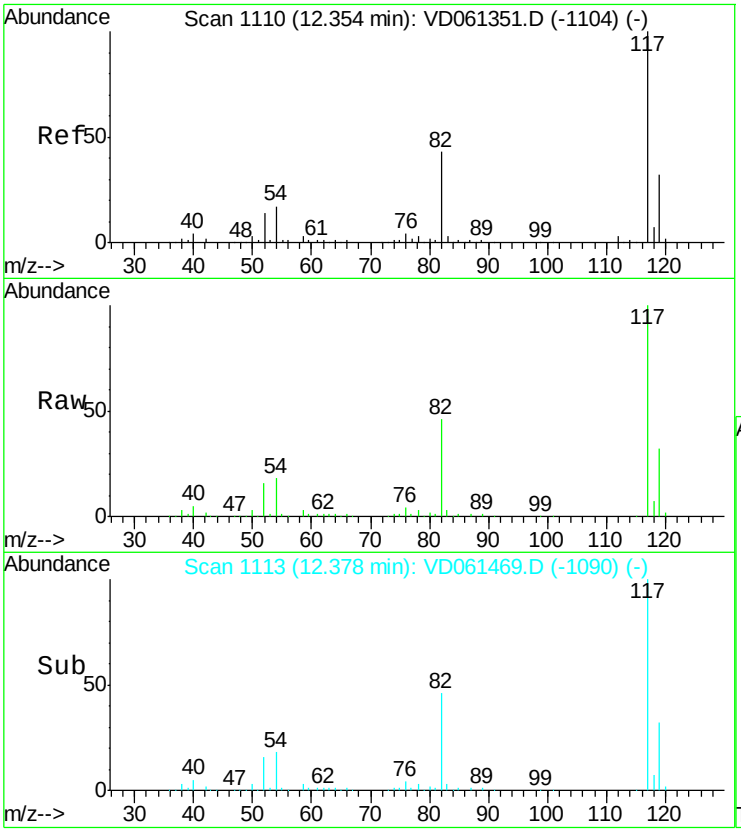


#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 13.57 min Scan# 1234
Delta R.T. 0.02 min
Lab File: VD061469.D
Acq: 1 Apr 2019 15:31

Tgt Ion: 95 Resp: 282484

Ion	Ratio	Lower	Upper
95	100		
174	87.6	0.0	178.0
176	86.1	0.0	175.0





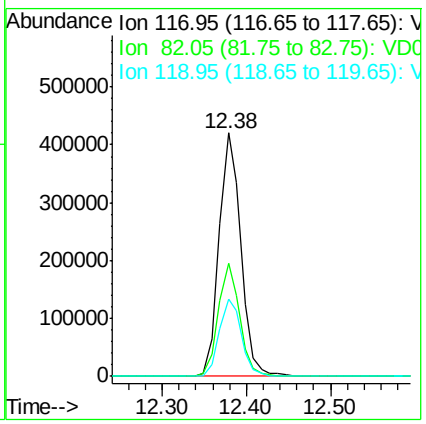
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VD061469.D
Acq: 1 Apr 2019 15:31

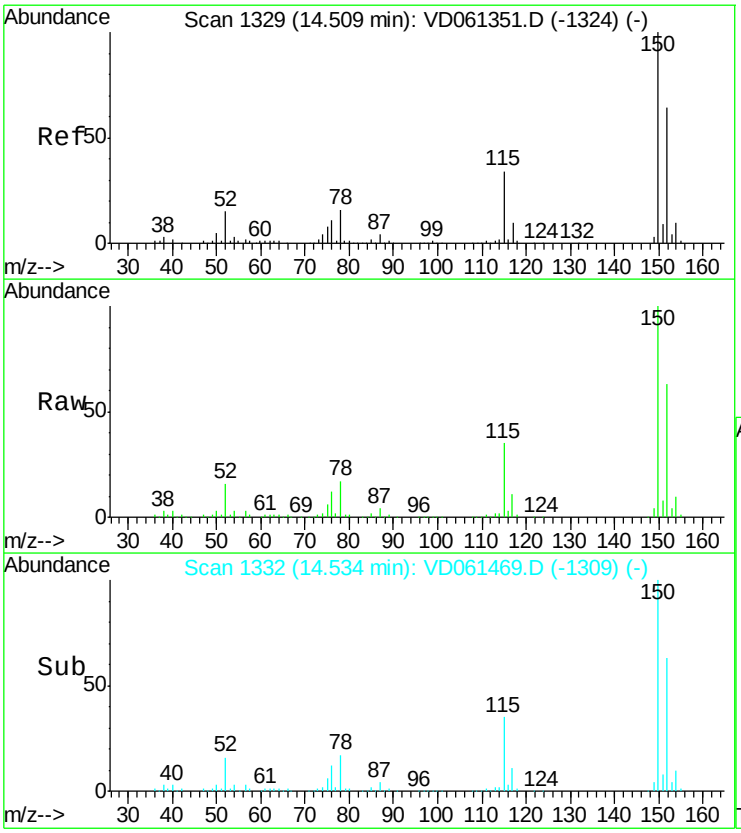
Tgt Ion:117 Resp: 751989

Ion	Ratio	Lower	Upper
117	100		
82	46.3	34.4	51.6
119	31.6	25.8	38.6

Instrument :
MSVOA_D
ClientSampleId :
FK-0D015-03-002

Manual Integrations APPROVED
MMDadoda
4/2/2019 11:39:17 AM





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1332
Delta R.T. 0.02 min
Lab File: VD061469.D
Acq: 1 Apr 2019 15:31

Tgt Ion:152 Resp: 279112

Ion	Ratio	Lower	Upper
152	100		
115	55.1	26.9	80.6
150	158.5	0.0	318.0