Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF050719\
Data File : VF062366.D
Acq On : 7 May 2019 19:17
Operator : FY/SY
Sample : K2704-03
Misc : 5.15g/5mL/MSVOA_F/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
SB-2(34)

Manual Integrations APPROVED
MMDadoda
5/8/2019 11:10:56 AM

Quant Time: May 08 01:26:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
Quant Title : SW846 8260
QLast Update : Tue May 07 04:34:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.05	168	293567	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.77	114	412717	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.90	117	325319	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.61	152	164365	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	148391	53.49	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.98%			
35) Dibromofluoromethane	4.30	113	173304	52.71	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.42%			
50) Toluene-d8	7.70	98	358866	45.09	ug/l	0.00
Spiked Amount 50.000			Recovery = 90.18%			
62) 4-Bromofluorobenzene	11.48	95	154995	43.16	ug/l	0.00
Spiked Amount 50.000			Recovery = 86.32%			
Target Compounds						Qvalue
20) Methylene Chloride	2.34	84	20570m	10.130	ug/l	
52) Toluene	7.77	92	21218	4.405	ug/l	96

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

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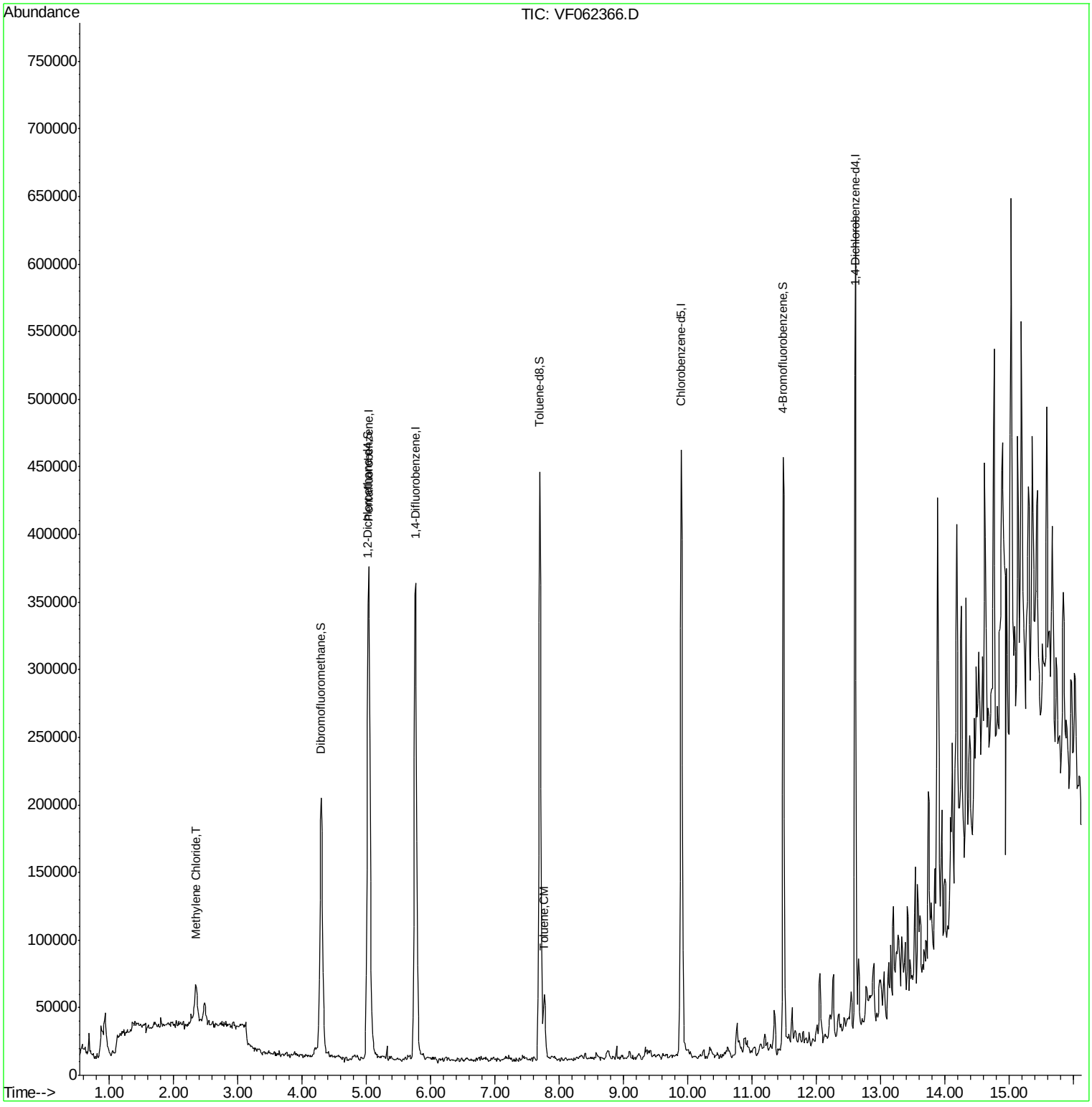
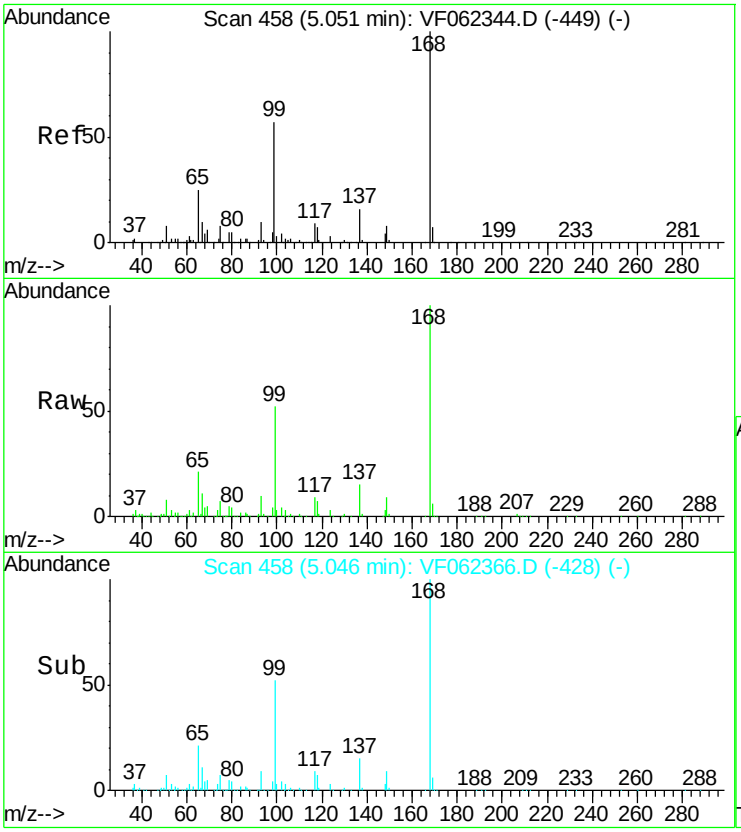
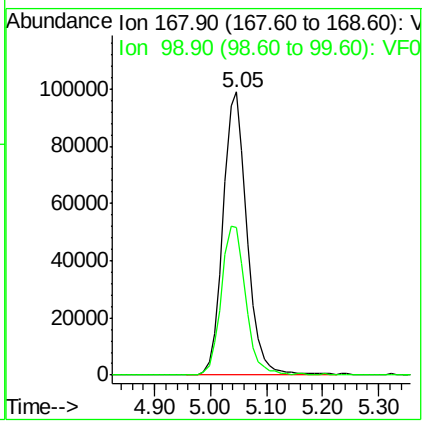




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.05 min Scan# 458
Delta R.T. -0.00 min
Lab File: VF062366.D
Acq: 7 May 2019 19:17

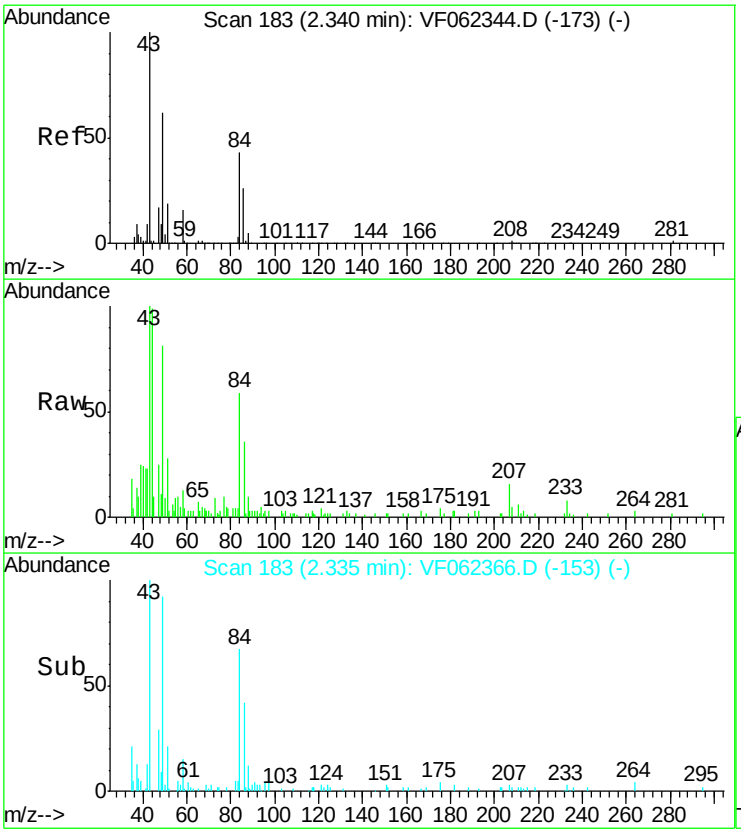
Tgt Ion:168 Resp: 293567

Ion	Ratio	Lower	Upper
168	100		
99	52.4	45.9	68.9



Instrument :
MSVOA_F
ClientSampleId :
SB-2(34)

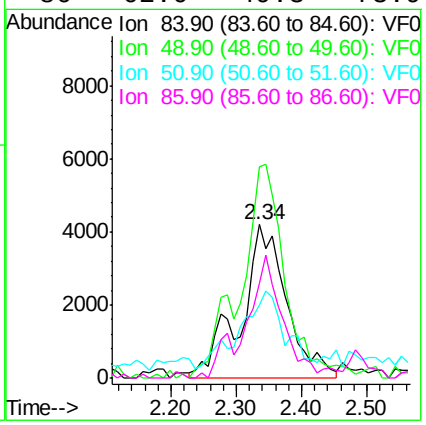
Manual Integrations APPROVED
MMDadoda
5/8/2019 11:10:56 AM

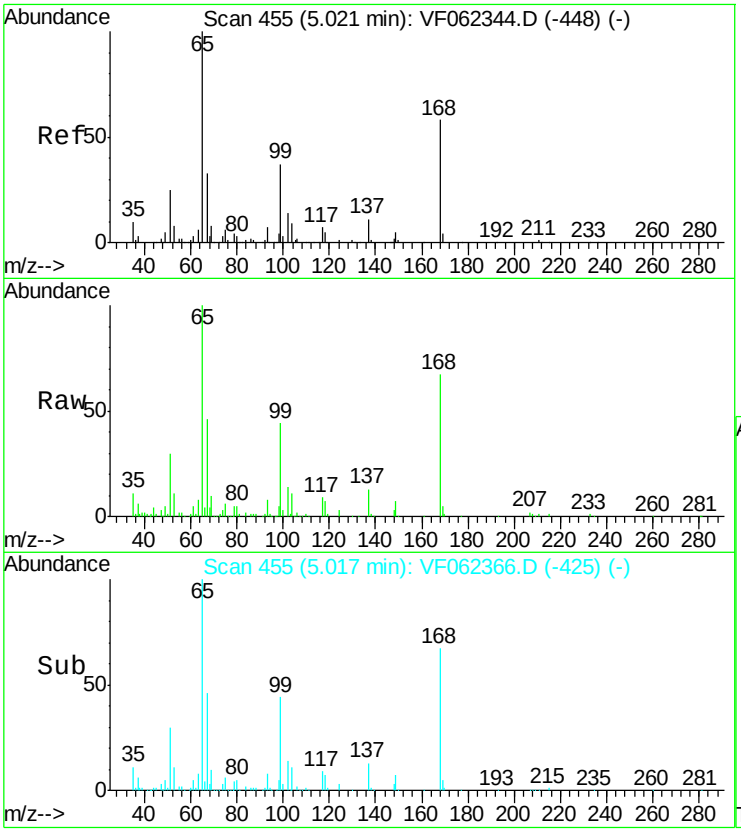


#20
Methylene Chloride
Concen: 10.130 ug/l m
RT: 2.34 min Scan# 183
Delta R.T. -0.00 min
Lab File: VF062366.D
Acq: 7 May 2019 19:17

Tgt Ion: 84 Resp: 20570

Ion	Ratio	Lower	Upper
84	100		
49	137.7	117.5	176.3
51	47.4	37.0	55.4
86	62.0	49.3	73.9

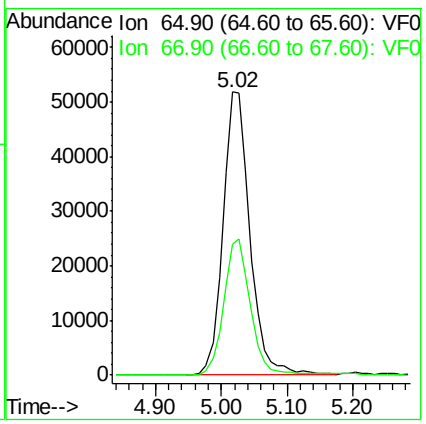




#33
1,2-Dichloroethane-d4
Concen: 53.487 ug/l
RT: 5.02 min Scan# 455
Delta R.T. -0.00 min
Lab File: VF062366.D
Acq: 7 May 2019 19:17

Tgt Ion: 65 Resp: 148391

Ion	Ratio	Lower	Upper
65	100		
67	47.4	0.0	85.8



Instrument :
MSVOA_F
ClientSampleId :
SB-2(34)

Manual Integrations APPROVED
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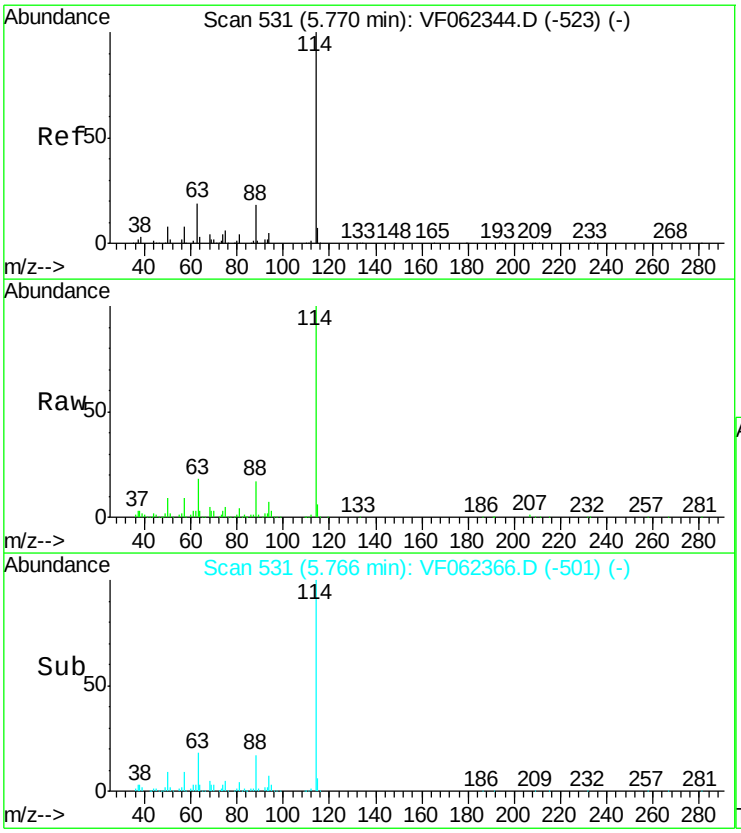
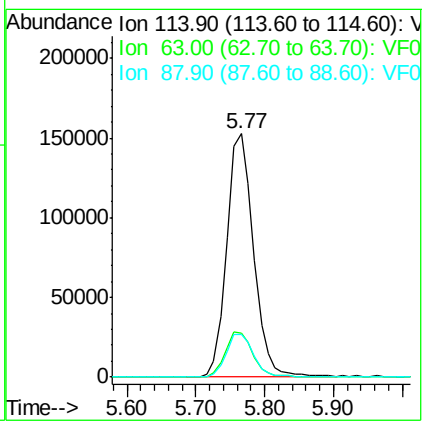
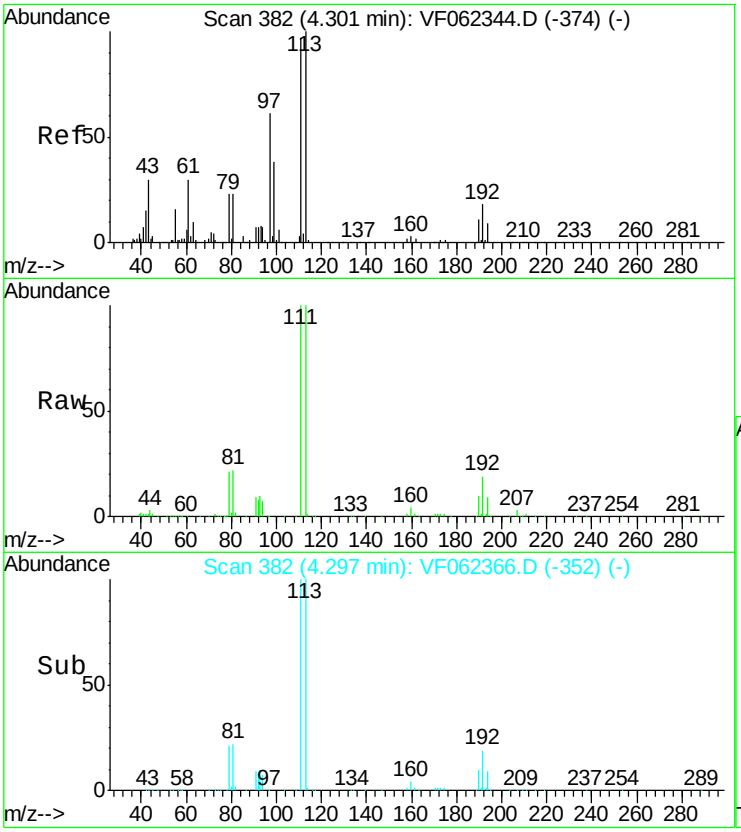


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.77 min Scan# 531
Delta R.T. -0.00 min
Lab File: VF062366.D
Acq: 7 May 2019 19:17

Tgt Ion:114 Resp: 412717

Ion	Ratio	Lower	Upper
114	100		
63	18.0	0.0	37.4
88	17.3	0.0	36.4

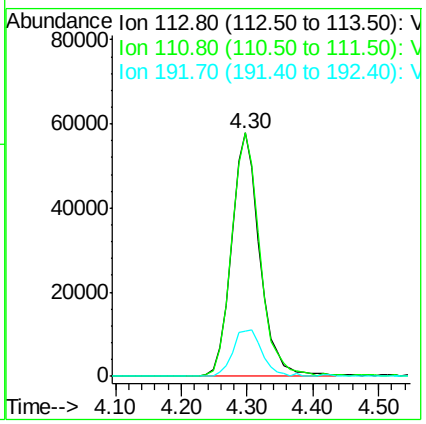




#35
Dibromofluoromethane
Concen: 52.707 ug/l
RT: 4.30 min Scan# 382
Delta R.T. -0.00 min
Lab File: VF062366.D
Acq: 7 May 2019 19:17

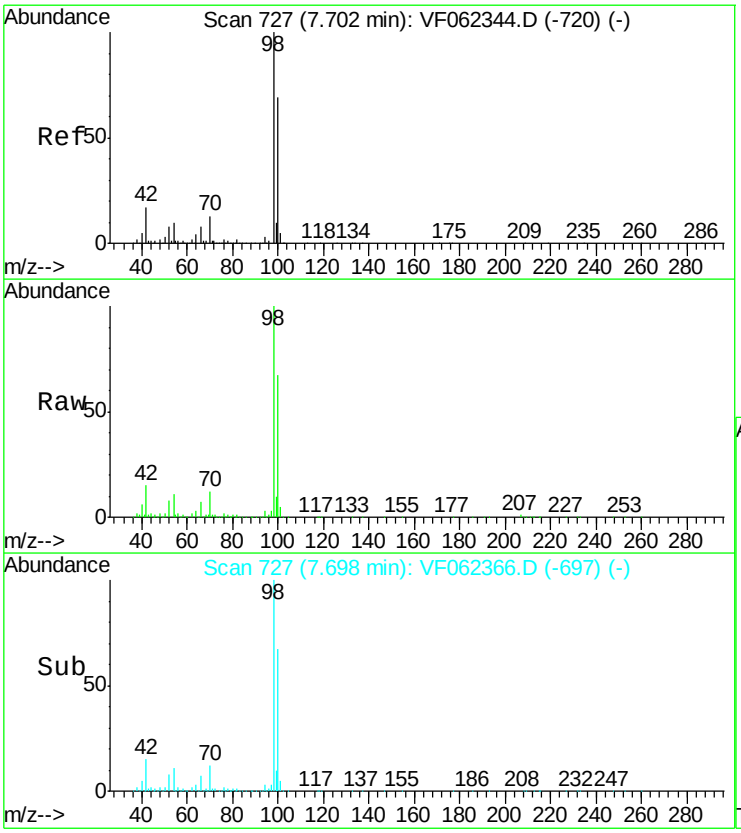
Tgt Ion:113 Resp: 173304

Ion	Ratio	Lower	Upper
113	100		
111	100.0	79.4	119.0
192	20.4	16.0	24.0



Instrument :
MSVOA_F
ClientSampleId :
SB-2(34)

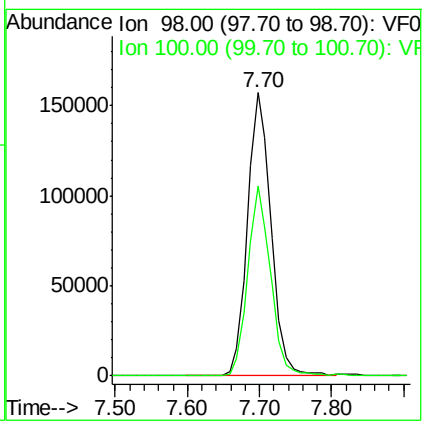
Manual Integrations APPROVED
MMDadoda
5/8/2019 11:10:56 AM

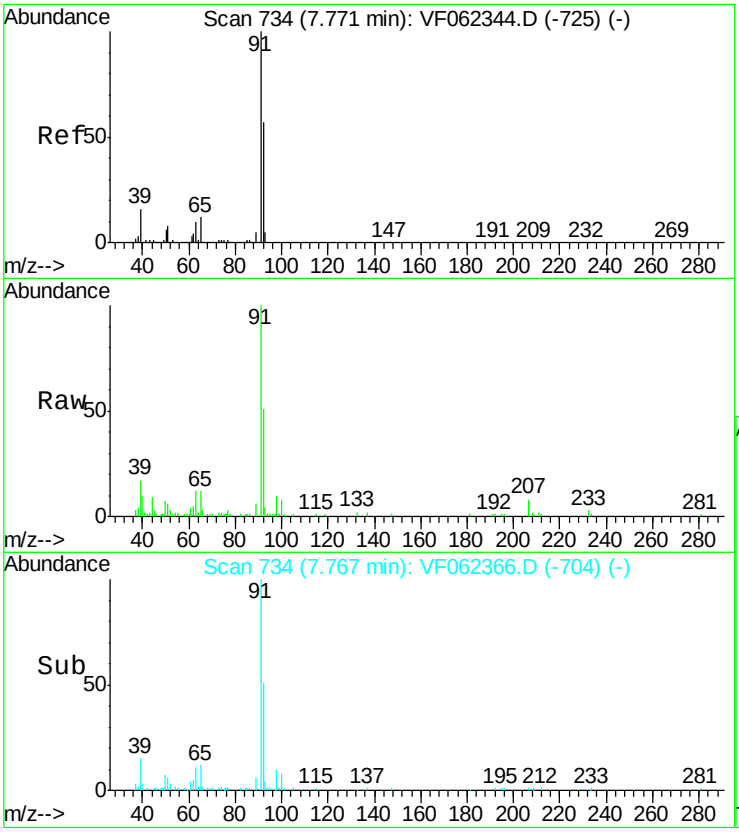


#50
Toluene-d8
Concen: 45.088 ug/l
RT: 7.70 min Scan# 727
Delta R.T. -0.00 min
Lab File: VF062366.D
Acq: 7 May 2019 19:17

Tgt Ion: 98 Resp: 358866

Ion	Ratio	Lower	Upper
98	100		
100	64.7	53.3	79.9

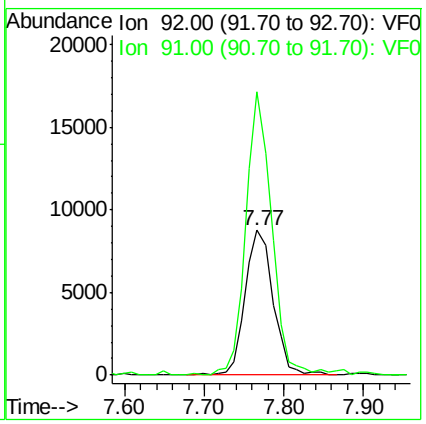




#52
Toluene
Concen: 4.405 ug/l
RT: 7.77 min Scan# 734
Delta R.T. -0.00 min
Lab File: VF062366.D
Acq: 7 May 2019 19:17

Tgt Ion: 92 Resp: 21218

Ion	Ratio	Lower	Upper
92	100		
91	179.5	138.7	208.1



Instrument :
MSVOA_F
ClientSampleId :
SB-2(34)

Manual Integrations APPROVED
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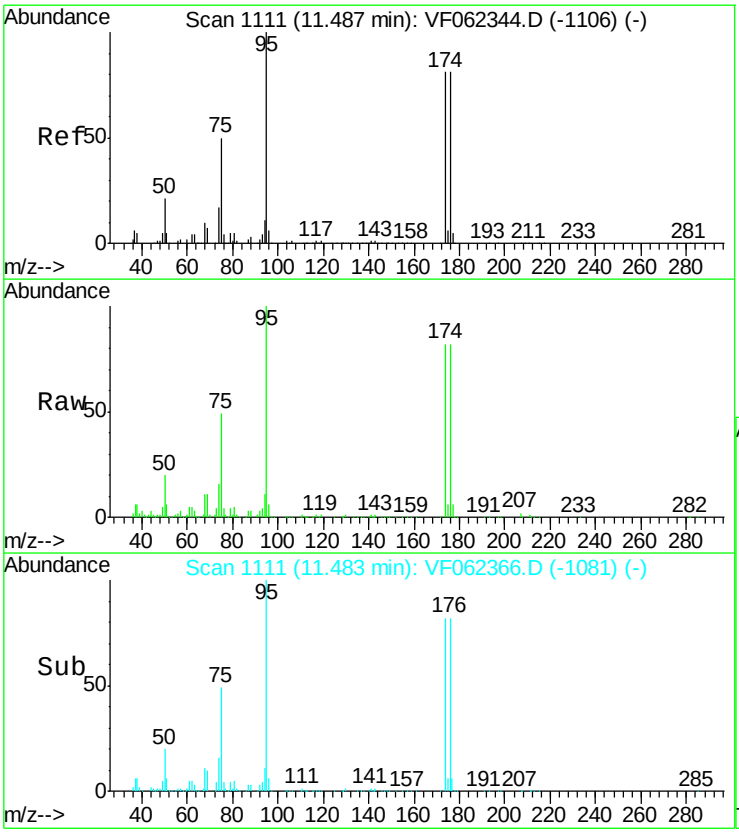
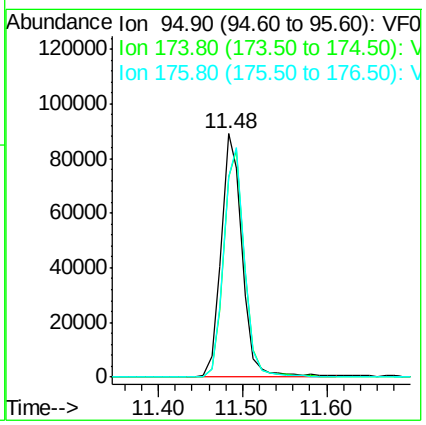
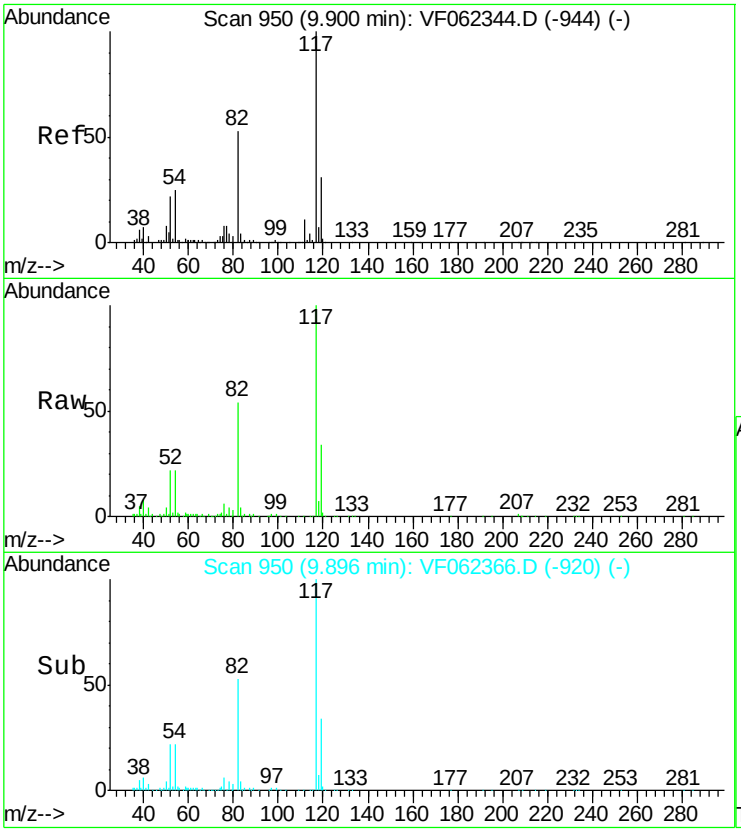


#62
4-Bromofluorobenzene
Concen: 43.163 ug/l
RT: 11.48 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VF062366.D
Acq: 7 May 2019 19:17

Tgt Ion: 95 Resp: 154995

Ion	Ratio	Lower	Upper
95	100		
174	91.8	0.0	191.8
176	92.2	0.0	193.2

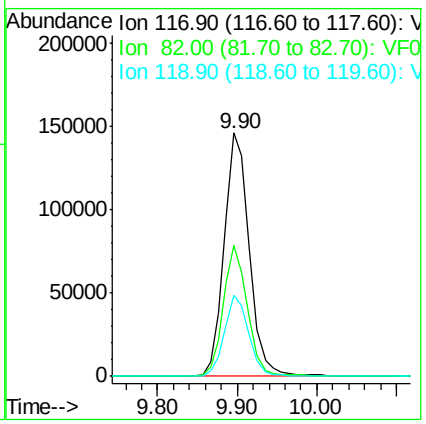




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.90 min Scan# 950
Delta R.T. -0.00 min
Lab File: VF062366.D
Acq: 7 May 2019 19:17

Tgt Ion:117 Resp: 325319

Ion	Ratio	Lower	Upper
117	100		
82	53.4	42.2	63.2
119	33.5	25.0	37.4



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ClientSampleId :
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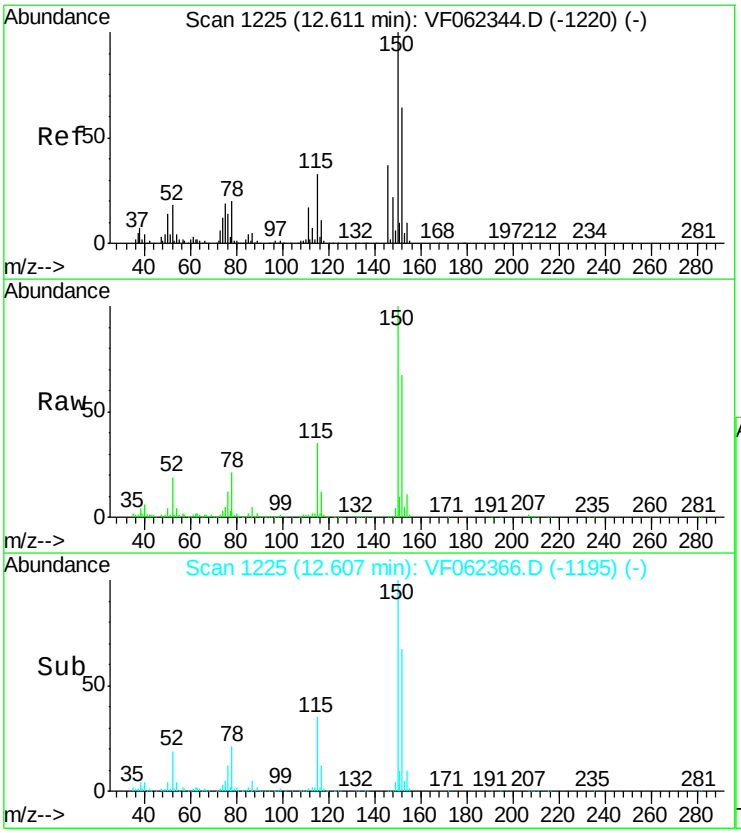

#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.61 min Scan# 1225
Delta R.T. -0.00 min
Lab File: VF062366.D
Acq: 7 May 2019 19:17

Tgt Ion:152 Resp: 164365

Ion	Ratio	Lower	Upper
152	100		
115	54.2	26.4	79.2
150	148.4	0.0	335.0