Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF022119\
Data File : VF061701.D
Acq On : 21 Feb 2019 16:39
Operator : VA/AP
Sample : K1345-03
Misc : 5.38g/5mL/MSVOA-F/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
HD-01-022019

Manual Integrations APPROVED
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2/22/2019 12:28:13 PM

Quant Time: Feb 22 03:58:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F021319S.M
Quant Title : SW846 8260
QLast Update : Thu Feb 14 03:27:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.88	168	357726	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.60	114	585441	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.78	117	474590	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	227388	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.85	65	120712	46.02	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.04%			
35) Dibromofluoromethane	4.12	113	181190	41.68	ug/l	0.00
Spiked Amount 50.000			Recovery = 83.36%			
50) Toluene-d8	7.56	98	445355	35.63	ug/l	0.00
Spiked Amount 50.000			Recovery = 71.26%			
62) 4-Bromofluorobenzene	11.42	95	185873	36.76	ug/l	0.00
Spiked Amount 50.000			Recovery = 73.52%			
Target Compounds						Qvalue
16) Acetone	2.25	43	18336	32.578	ug/l	93
20) Methylene Chloride	2.26	84	28588m	7.328	ug/l	
52) Toluene	7.63	92	16637	1.808	ug/l	88
68) m/p-Xylenes	10.13	106	9135	1.490	ug/l	89
69) o-Xylene	10.72	106	6959	1.064	ug/l	95
80) 1,3,5-Trimethylbenzene	11.83	105	14549	1.124	ug/l	97
84) 1,2,4-Trimethylbenzene	12.20	105	49076	3.818	ug/l	98
95) Naphthalene	14.46	128	137040	14.734	ug/l	97

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

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HD-01-022019

Manual Integrations APPROVED
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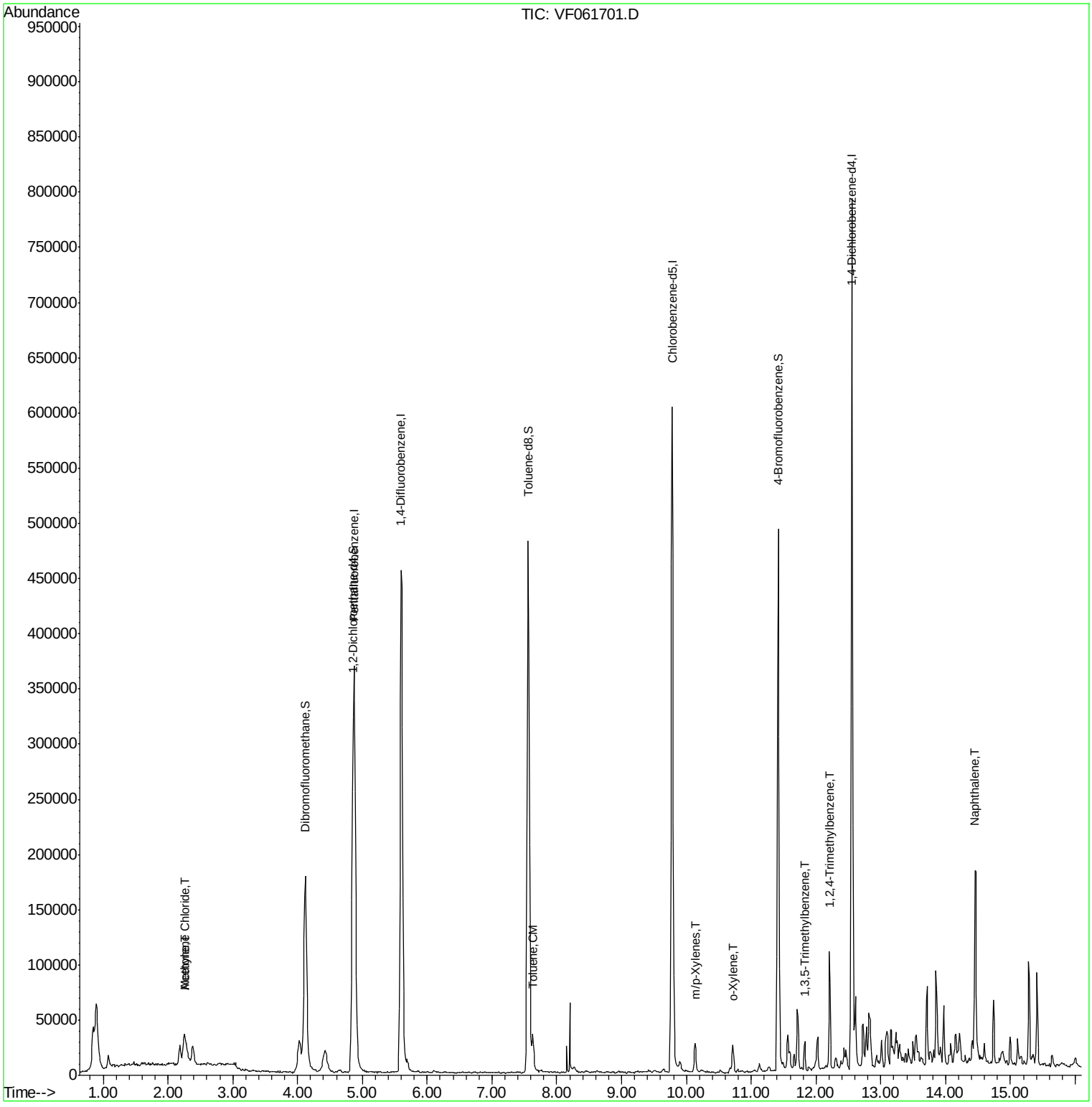
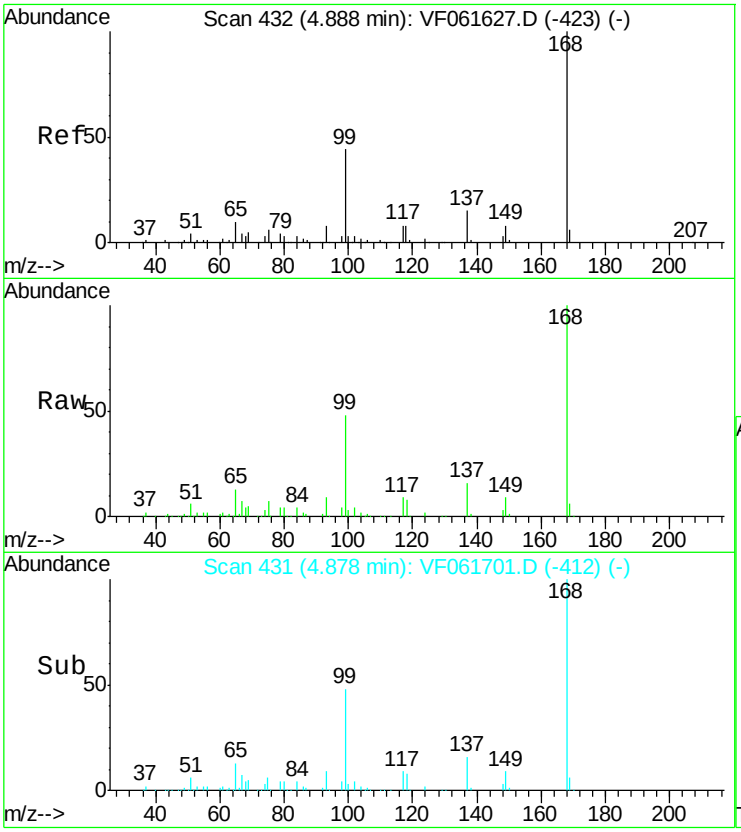
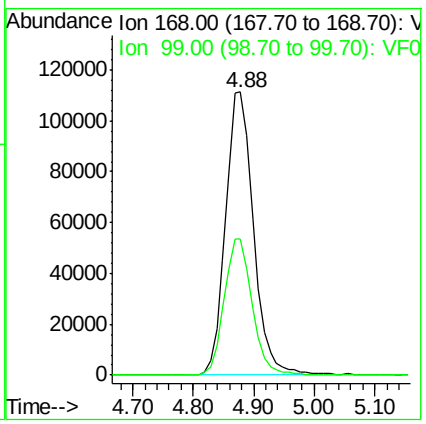




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.88 min Scan# 431
Delta R.T. -0.01 min
Lab File: VF061701.D
Acq: 21 Feb 2019 16:39

Tgt Ion:168 Resp: 357726

Ion	Ratio	Lower	Upper
168	100		
99	48.3	34.9	52.3



Instrument :
MSVOA_F
ClientSampleId :
HD-01-022019

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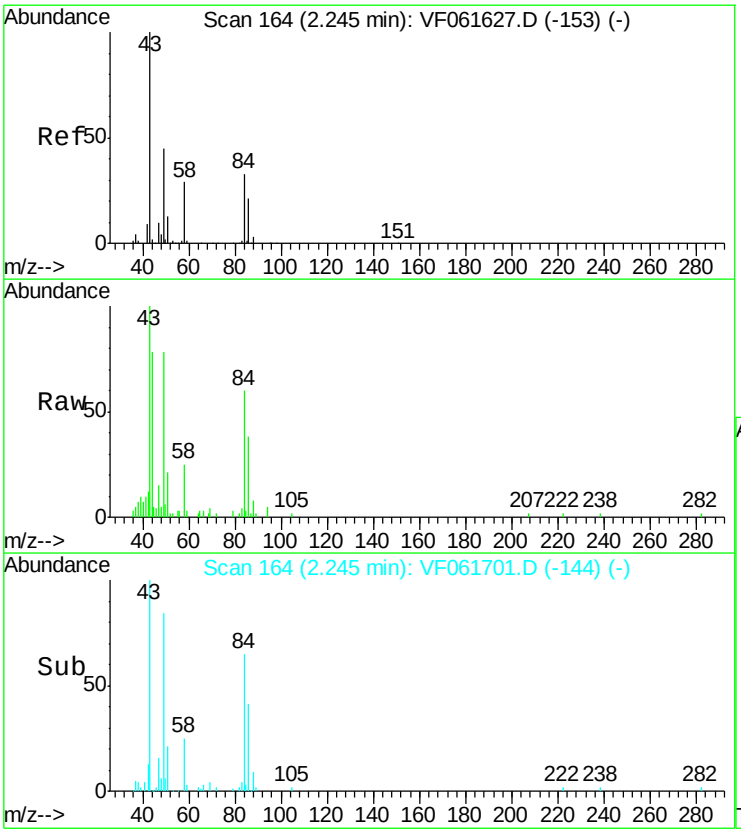
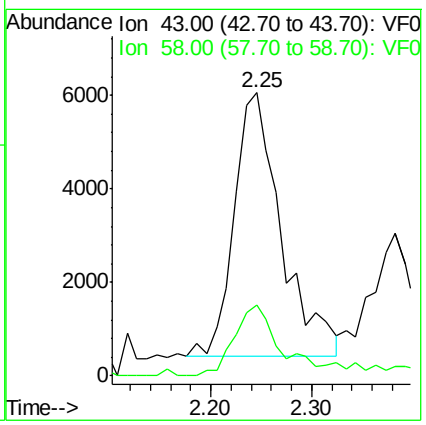
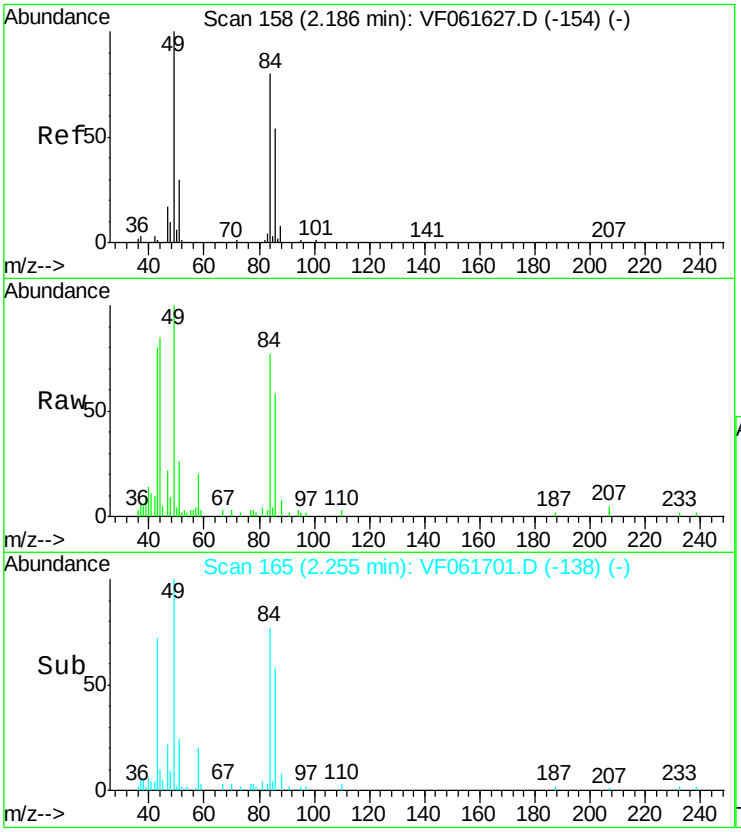


#16
Acetone
Concen: 32.578 ug/l
RT: 2.25 min Scan# 164
Delta R.T. -0.00 min
Lab File: VF061701.D
Acq: 21 Feb 2019 16:39

Tgt Ion: 43 Resp: 18336

Ion	Ratio	Lower	Upper
43	100		
58	25.1	22.9	34.3

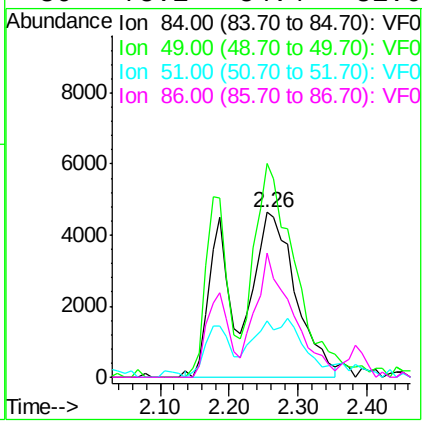




#20
Methylene Chloride
Concen: 7.328 ug/l m
RT: 2.26 min Scan# 165
Delta R.T. 0.07 min
Lab File: VF061701.D
Acq: 21 Feb 2019 16:39

Tgt Ion: 84 Resp: 28588

Ion	Ratio	Lower	Upper
84	100		
49	129.4	101.8	152.8
51	33.8	31.1	46.7
86	75.1	54.4	81.6



Instrument :
MSVOA_F
ClientSampleId :
HD-01-022019

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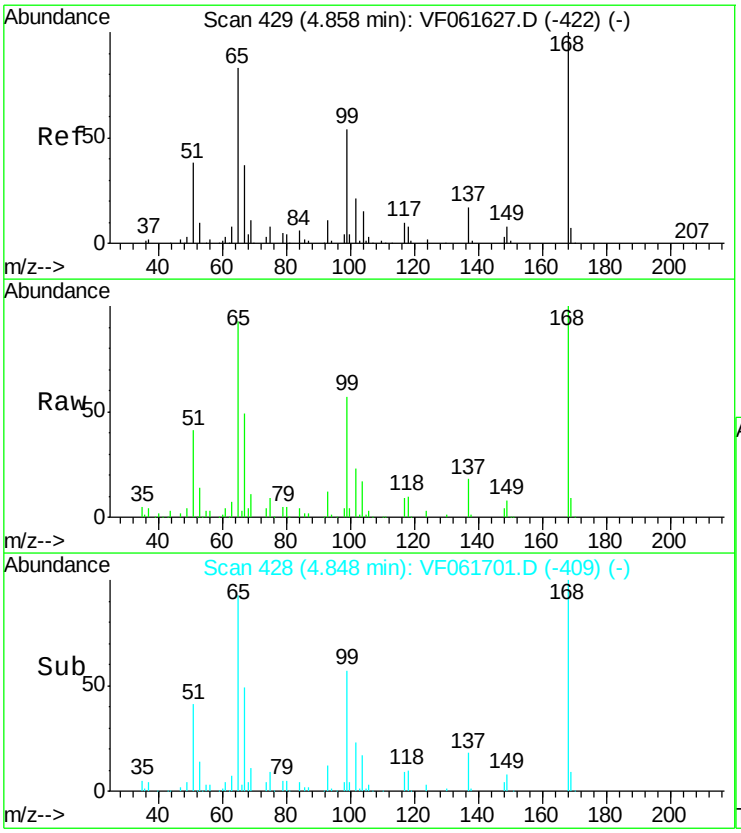
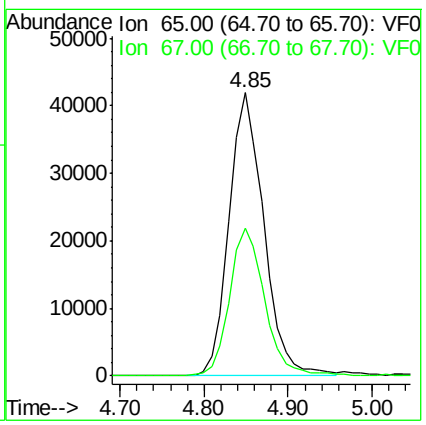
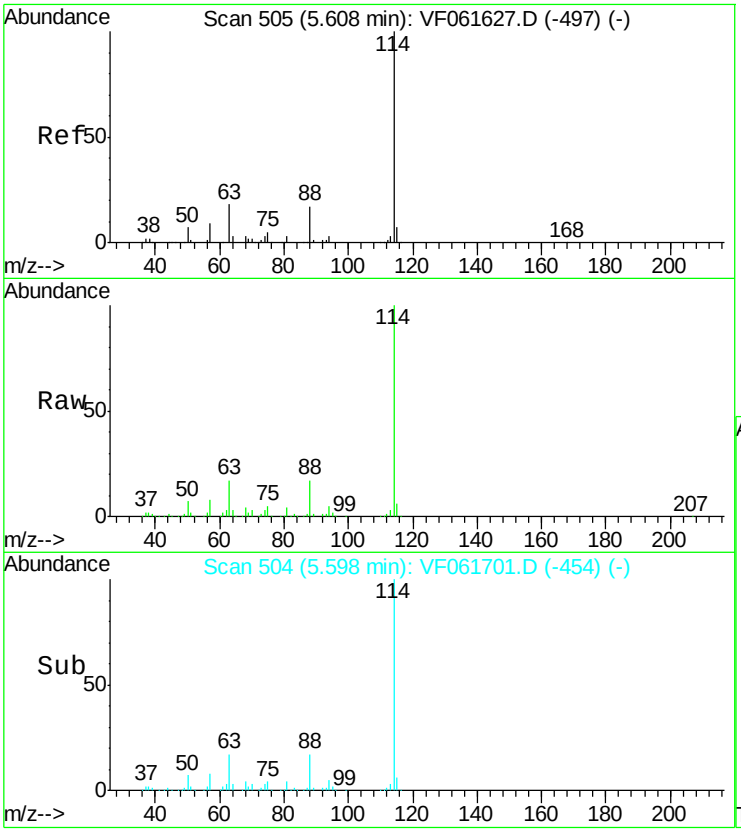


#33
1,2-Dichloroethane-d4
Concen: 46.016 ug/l
RT: 4.85 min Scan# 428
Delta R.T. -0.01 min
Lab File: VF061701.D
Acq: 21 Feb 2019 16:39

Tgt Ion: 65 Resp: 120712

Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	104.0

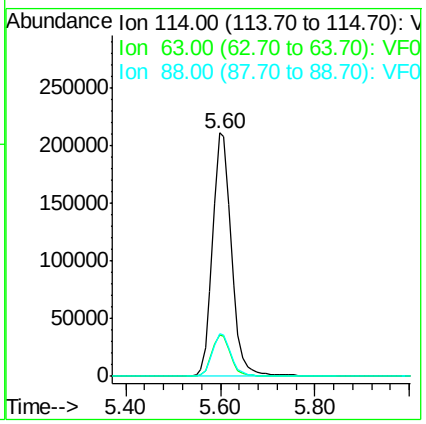




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.60 min Scan# 504
Delta R.T. -0.01 min
Lab File: VF061701.D
Acq: 21 Feb 2019 16:39

Tgt Ion:114 Resp: 585441

Ion	Ratio	Lower	Upper
114	100		
63	17.2	0.0	36.6
88	17.4	0.0	34.4



Instrument :
MSVOA_F
ClientSampleId :
HD-01-022019

Manual Integrations APPROVED
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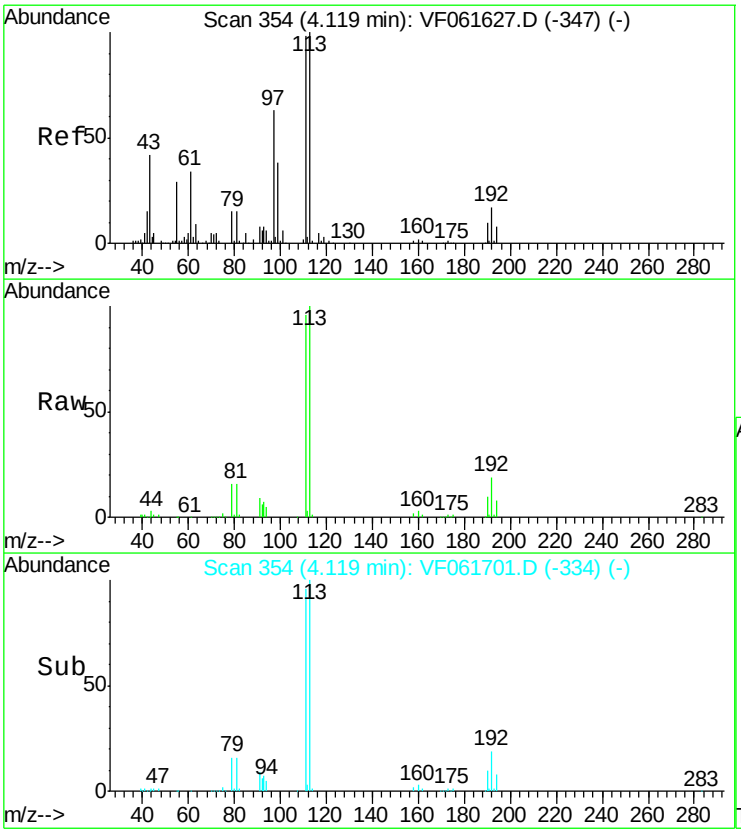
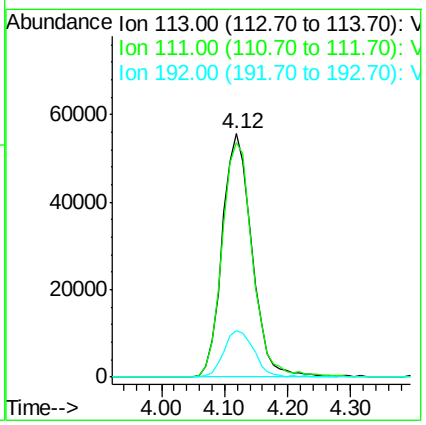
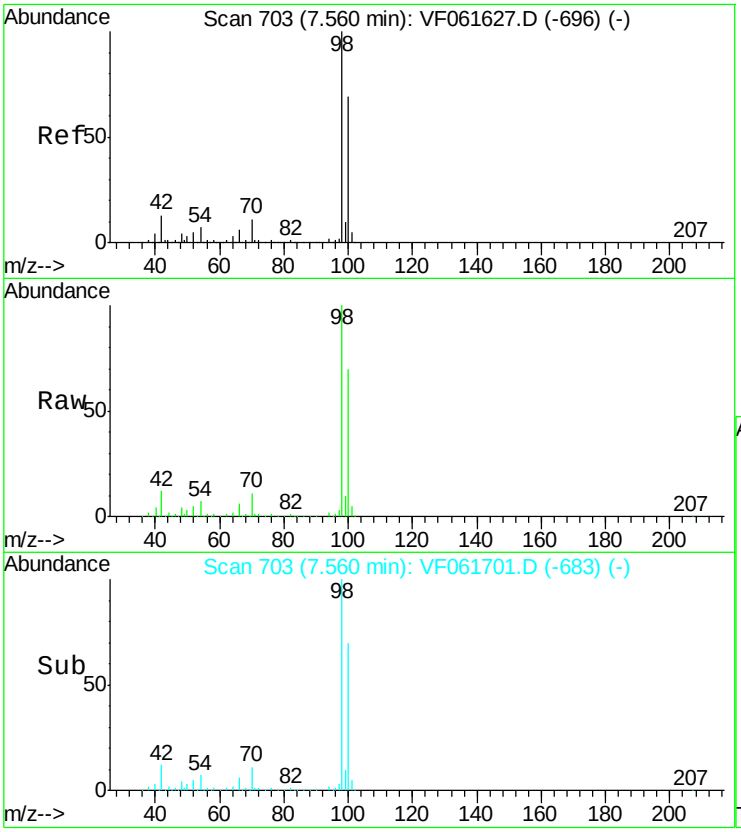


#35
Dibromofluoromethane
Concen: 41.677 ug/l
RT: 4.12 min Scan# 354
Delta R.T. -0.00 min
Lab File: VF061701.D
Acq: 21 Feb 2019 16:39

Tgt Ion:113 Resp: 181190

Ion	Ratio	Lower	Upper
113	100		
111	96.3	78.8	118.2
192	19.2	13.4	20.0

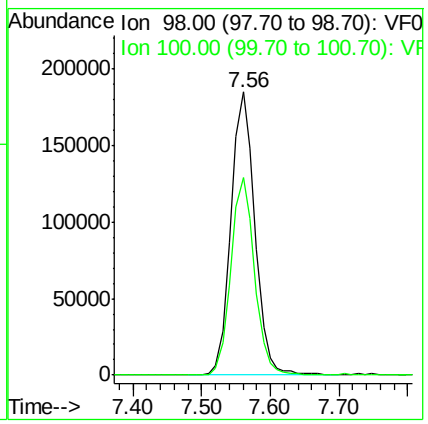




#50
Toluene-d8
Concen: 35.634 ug/l
RT: 7.56 min Scan# 703
Delta R.T. -0.00 min
Lab File: VF061701.D
Acq: 21 Feb 2019 16:39

Tgt Ion: 98 Resp: 445355

Ion	Ratio	Lower	Upper
98	100		
100	69.7	55.4	83.2



Instrument :
MSVOA_F
ClientSampleId :
HD-01-022019

Manual Integrations APPROVED
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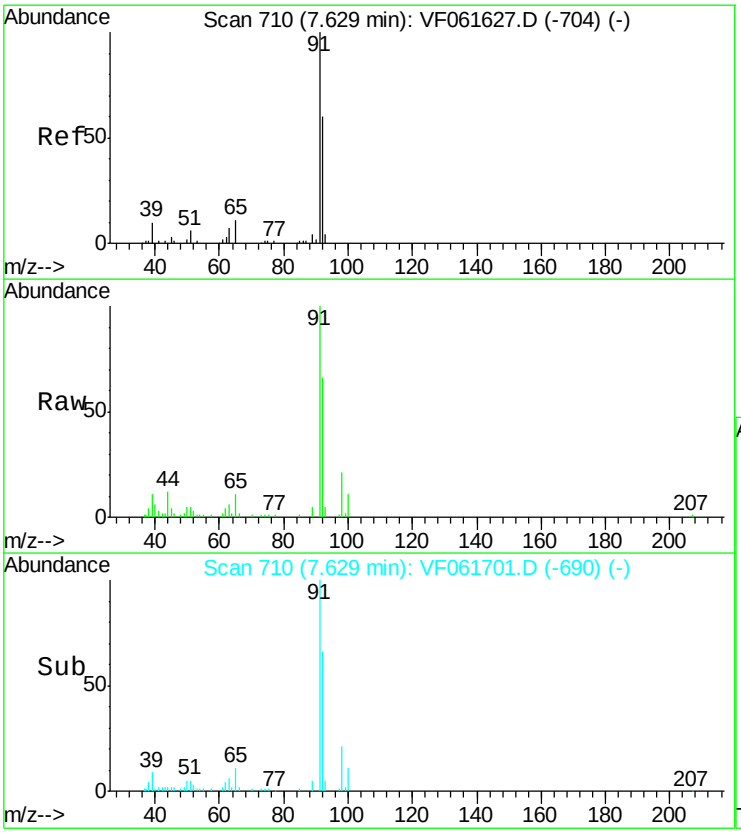
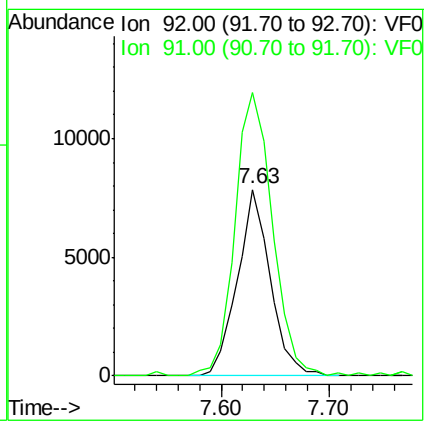
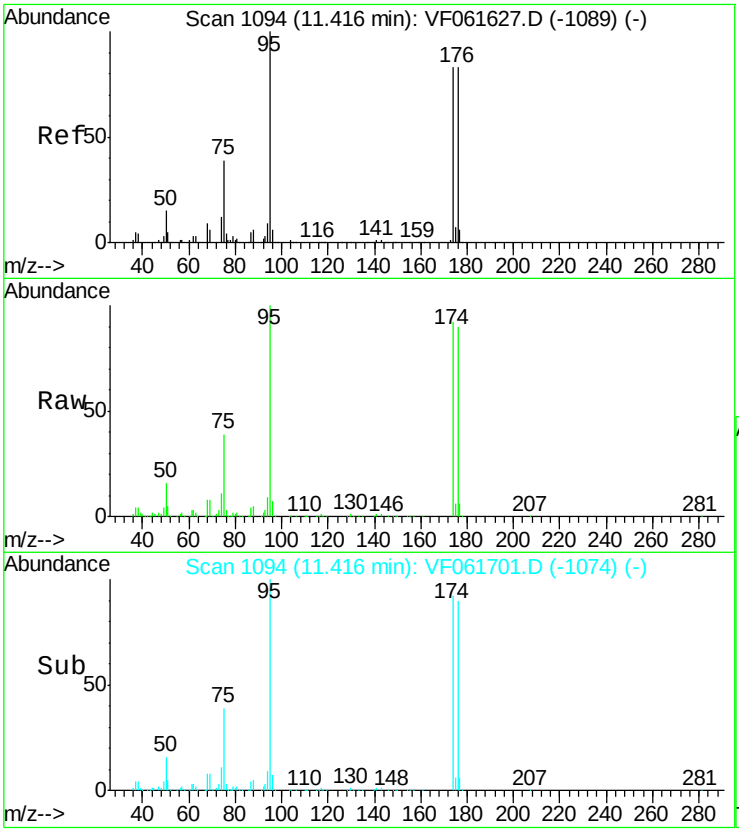


#52
Toluene
Concen: 1.808 ug/l
RT: 7.63 min Scan# 710
Delta R.T. -0.00 min
Lab File: VF061701.D
Acq: 21 Feb 2019 16:39

Tgt Ion: 92 Resp: 16637

Ion	Ratio	Lower	Upper
92	100		
91	151.7	133.9	200.9

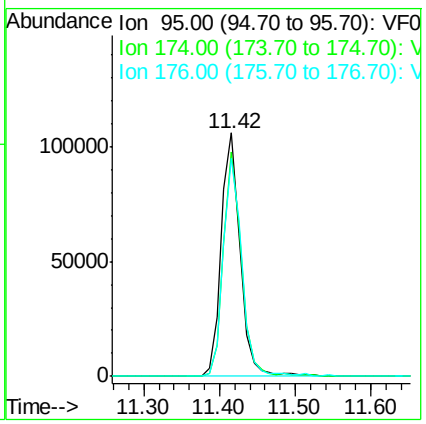




#62
4-Bromofluorobenzene
Concen: 36.757 ug/l
RT: 11.42 min Scan# 1094
Delta R.T. -0.00 min
Lab File: VF061701.D
Acq: 21 Feb 2019 16:39

Tgt Ion: 95 Resp: 185873

Ion	Ratio	Lower	Upper
95	100		
174	92.2	0.0	165.8
176	89.8	0.0	167.0



Instrument :
MSVOA_F
ClientSampleId :
HD-01-022019

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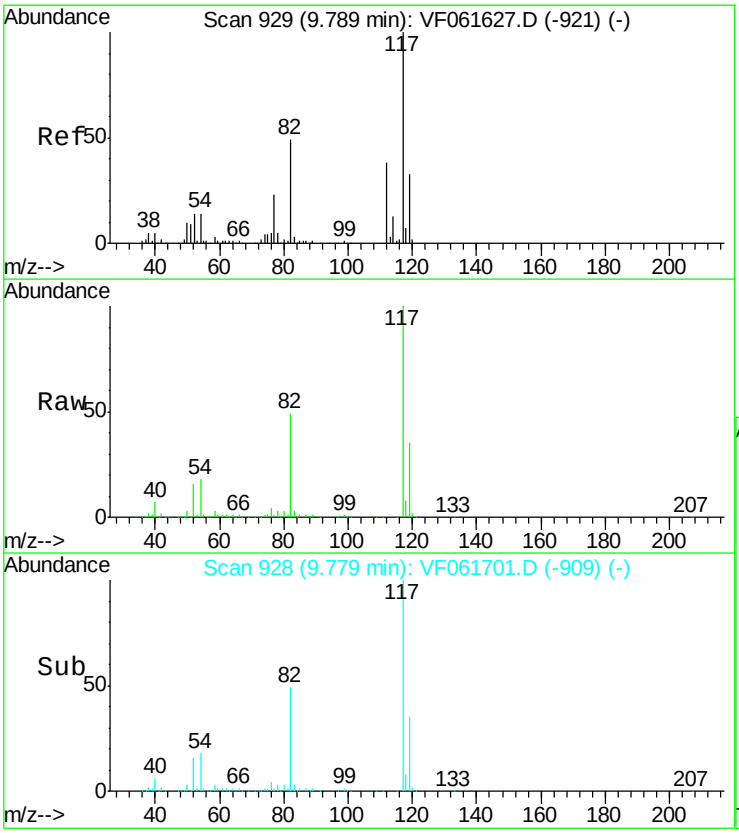
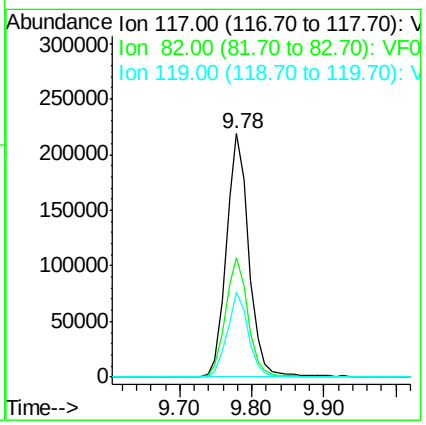
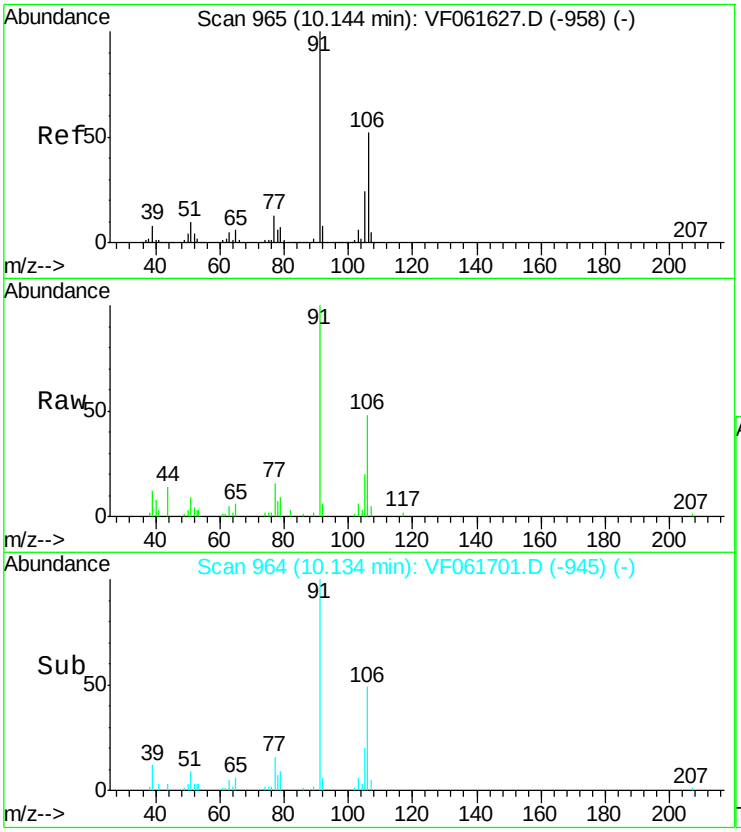


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 928
Delta R.T. -0.01 min
Lab File: VF061701.D
Acq: 21 Feb 2019 16:39

Tgt Ion:117 Resp: 474590

Ion	Ratio	Lower	Upper
117	100		
82	49.0	39.3	58.9
119	34.6	26.6	40.0

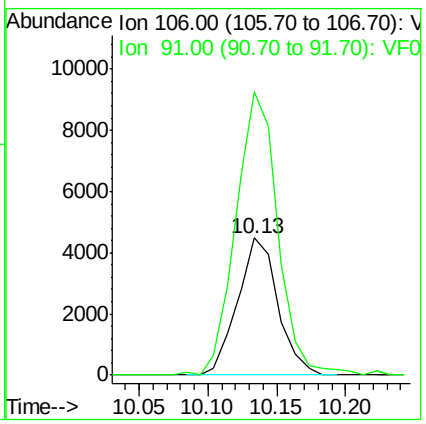




#68
m/p-Xylenes
Concen: 1.490 ug/l
RT: 10.13 min Scan# 964
Delta R.T. -0.01 min
Lab File: VF061701.D
Acq: 21 Feb 2019 16:39

Tgt Ion:106 Resp: 9135

Ion	Ratio	Lower	Upper
106	100		
91	206.8	153.0	229.6



Instrument :
MSVOA_F
ClientSampleId :
HD-01-022019

Manual Integrations APPROVED
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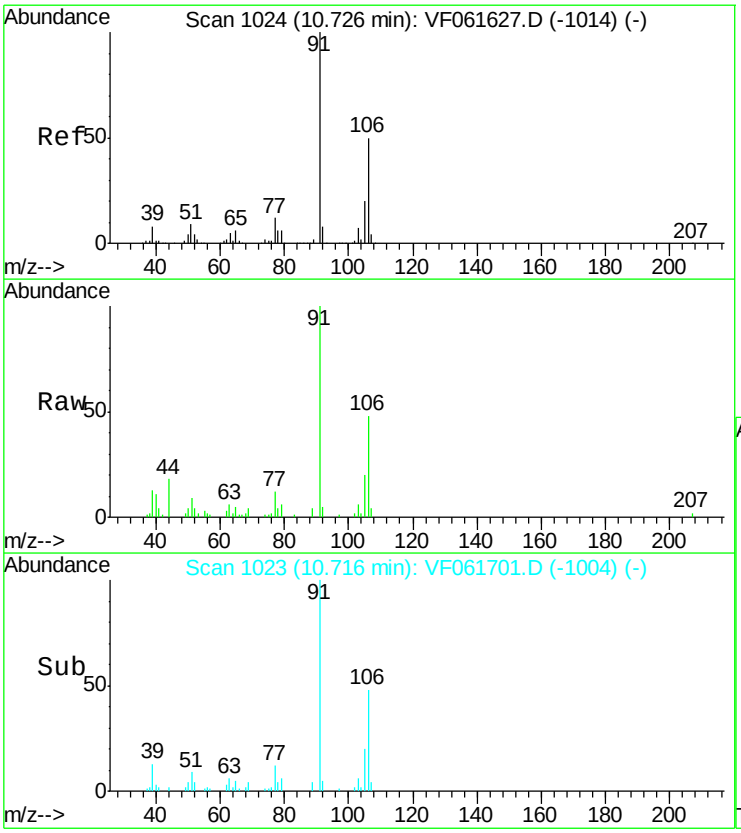
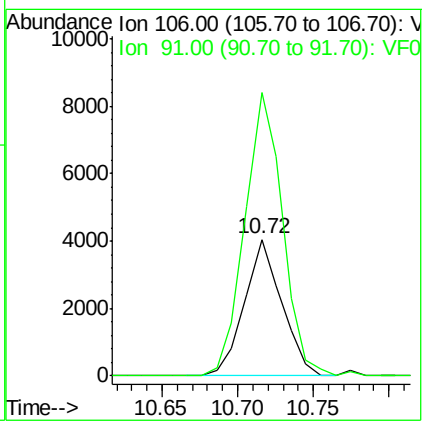
2/22/2019 12:28:13 PM

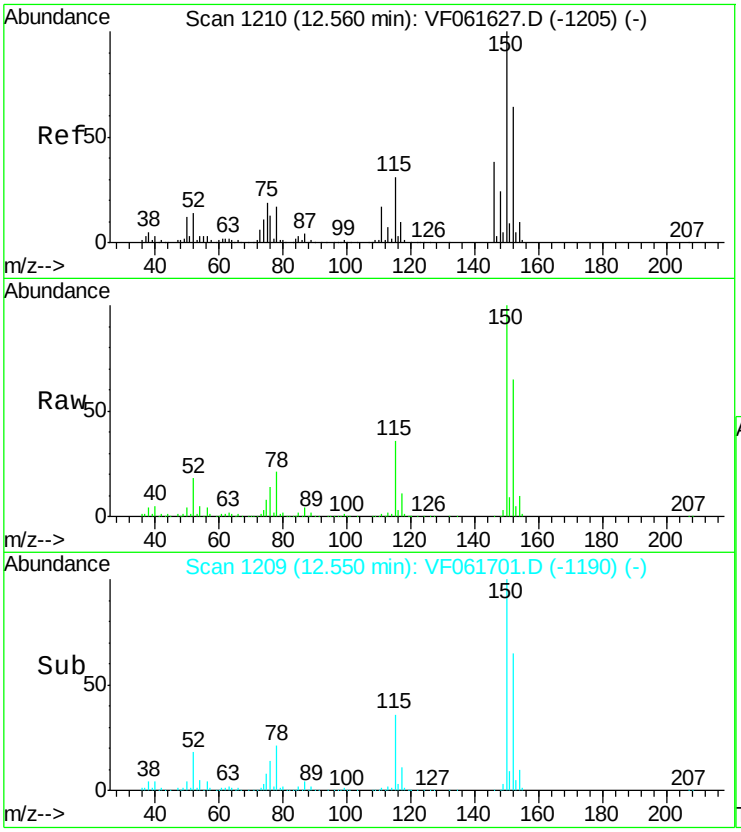


#69
o-Xylene
Concen: 1.064 ug/l
RT: 10.72 min Scan# 1023
Delta R.T. -0.01 min
Lab File: VF061701.D
Acq: 21 Feb 2019 16:39

Tgt Ion:106 Resp: 6959

Ion	Ratio	Lower	Upper
106	100		
91	207.4	100.1	300.1

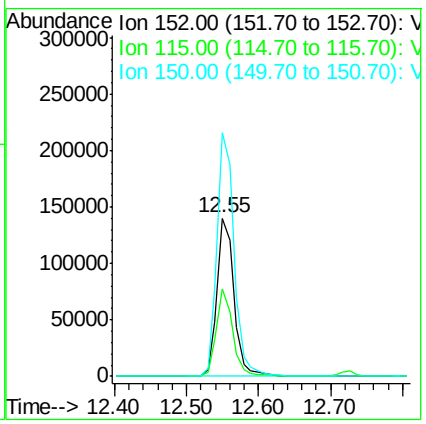




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1209
Delta R.T. -0.01 min
Lab File: VF061701.D
Acq: 21 Feb 2019 16:39

Tgt Ion:152 Resp: 227388

Ion	Ratio	Lower	Upper
152	100		
115	55.3	24.3	72.8
150	154.0	0.0	312.0



Instrument :
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ClientSampleId :
HD-01-022019

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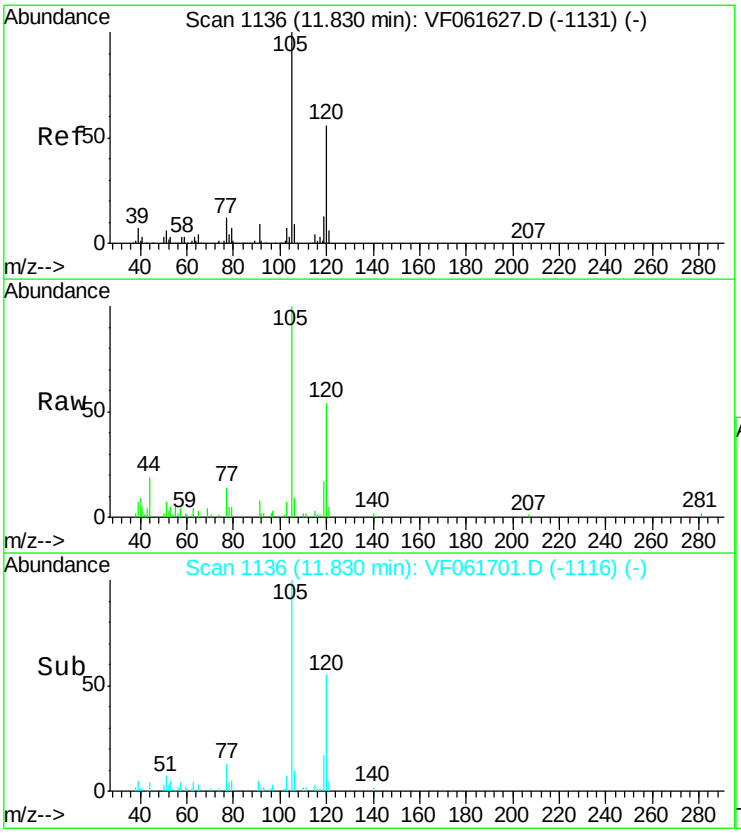
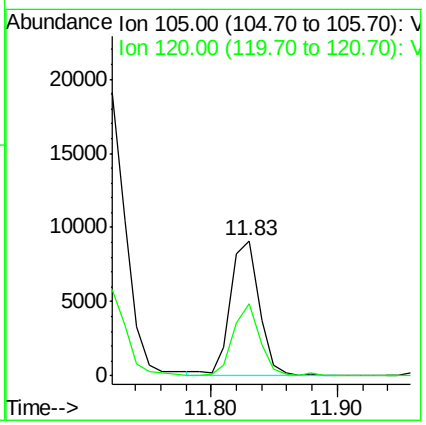
2/22/2019 12:28:13 PM

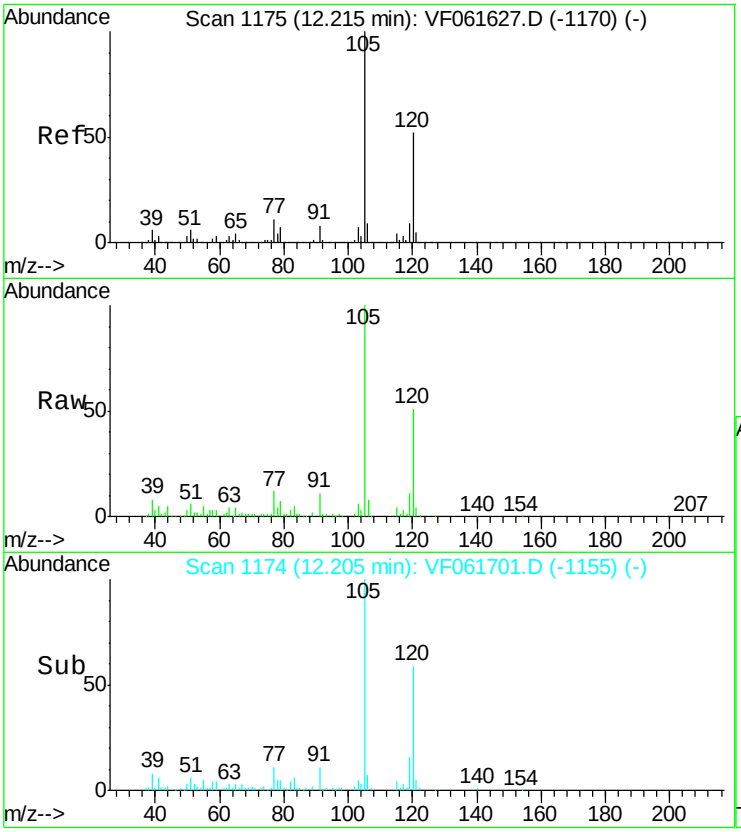


#80
1,3,5-Trimethylbenzene
Concen: 1.124 ug/l
RT: 11.83 min Scan# 1136
Delta R.T. -0.00 min
Lab File: VF061701.D
Acq: 21 Feb 2019 16:39

Tgt Ion:105 Resp: 14549

Ion	Ratio	Lower	Upper
105	100		
120	53.8	27.9	83.6

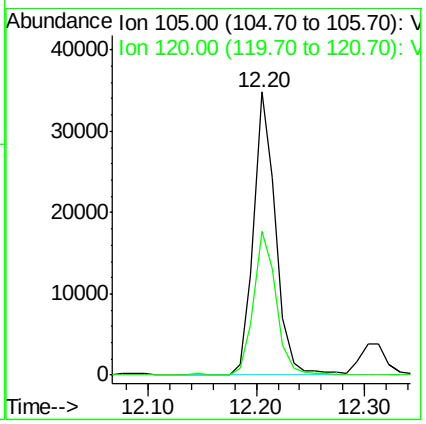




#84
1,2,4-Trimethylbenzene
Concen: 3.818 ug/l
RT: 12.20 min Scan# 1174
Delta R.T. -0.01 min
Lab File: VF061701.D
Acq: 21 Feb 2019 16:39

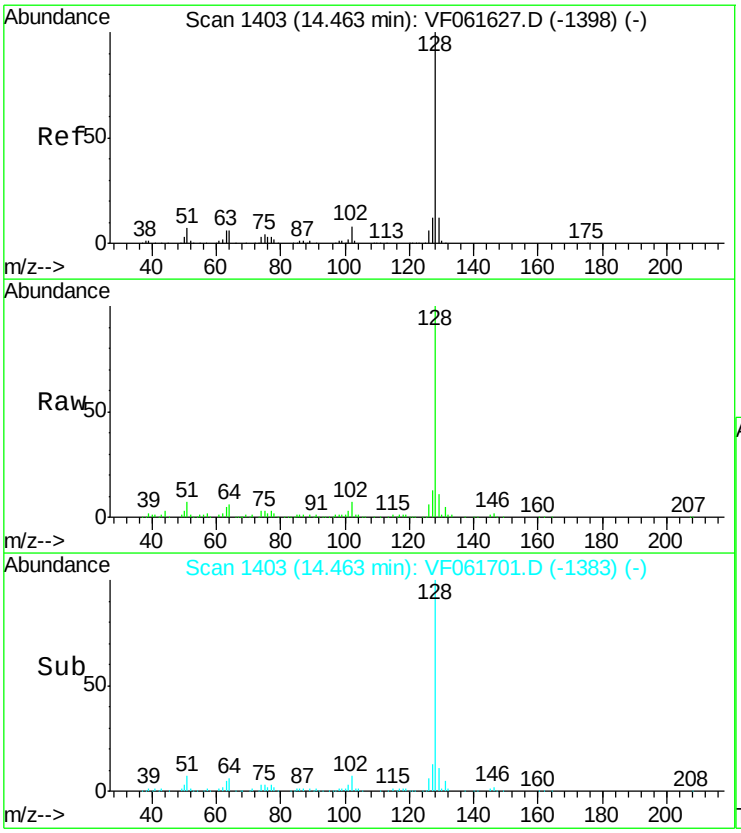
Tgt Ion:105 Resp: 49076

Ion	Ratio	Lower	Upper
105	100		
120	50.7	26.1	78.3



Instrument :
MSVOA_F
ClientSampleId :
HD-01-022019

Manual Integrations APPROVED
MMDadoda
2/22/2019 12:28:13 PM



#95
Naphthalene
Concen: 14.734 ug/l
RT: 14.46 min Scan# 1403
Delta R.T. -0.00 min
Lab File: VF061701.D
Acq: 21 Feb 2019 16:39

Tgt Ion:128 Resp: 137040

Ion	Ratio	Lower	Upper
128	100		
127	13.3	9.8	14.6
129	10.9	9.4	14.2