Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD122118\
Data File : VD060698.D
Acq On : 21 Dec 2018 21:56
Operator : VA/AP
Sample : J6469-01
Misc : 5.08g/5ml/MSVOA_D/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
DRUM-1

Manual Integrations APPROVED
MMDadoda
12/26/2018 10:57:52 AM

Quant Time: Dec 21 23:32:45 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122018S.M
Quant Title : SW846 8260
QLast Update : Fri Dec 21 17:37:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.45	168	1139250	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	7.48	114	1780054	50.00	ug/l	0.04
63) Chlorobenzene-d5	11.31	117	1212098	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	13.40	152	281927	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.82	65	522262	66.34	ug/l	0.03
Spiked Amount 50.000			Recovery =	132.68%		
35) Dibromofluoromethane	6.36	113	668343	51.30	ug/l	0.03
Spiked Amount 50.000			Recovery =	102.60%		
50) Toluene-d8	9.49	98	1544530	39.73	ug/l	0.03
Spiked Amount 50.000			Recovery =	79.46%		
62) 4-Bromofluorobenzene	12.51	95	41415	3.04	ug/l	0.09
Spiked Amount 50.000			Recovery =	6.08%		
Target Compounds						Qvalue
20) Methylene Chloride	3.76	84	27668	1.938	ug/l	94
67) Ethyl Benzene	11.46	91	444778	9.698	ug/l	96
68) m/p-Xylenes	11.59	106	1245255	74.296	ug/l	94
69) o-Xylene	11.96	106	1059556	66.633	ug/l	92
73) Isopropylbenzene	12.30	105	515720	25.692	ug/l	97
78) n-propylbenzene	12.67	91	3641936	141.920	ug/l	98
80) 1,3,5-Trimethylbenzene	12.83	105	5435837	350.699	ug/l	92
84) 1,2,4-Trimethylbenzene	13.13	105	10900925	682.845	ug/l	96
85) sec-Butylbenzene	13.25	105	1686413	78.392	ug/l	97
86) p-Isopropyltoluene	13.38	119	1284978m	73.997	ug/l	
89) n-Butylbenzene	13.68	91	3413612	192.365	ug/l	96
95) Naphthalene	14.99	128	1532305	207.618	ug/l #	97

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

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Instrument :
MSVOA_D
ClientSampleId :
DRUM-1

Manual Integrations APPROVED
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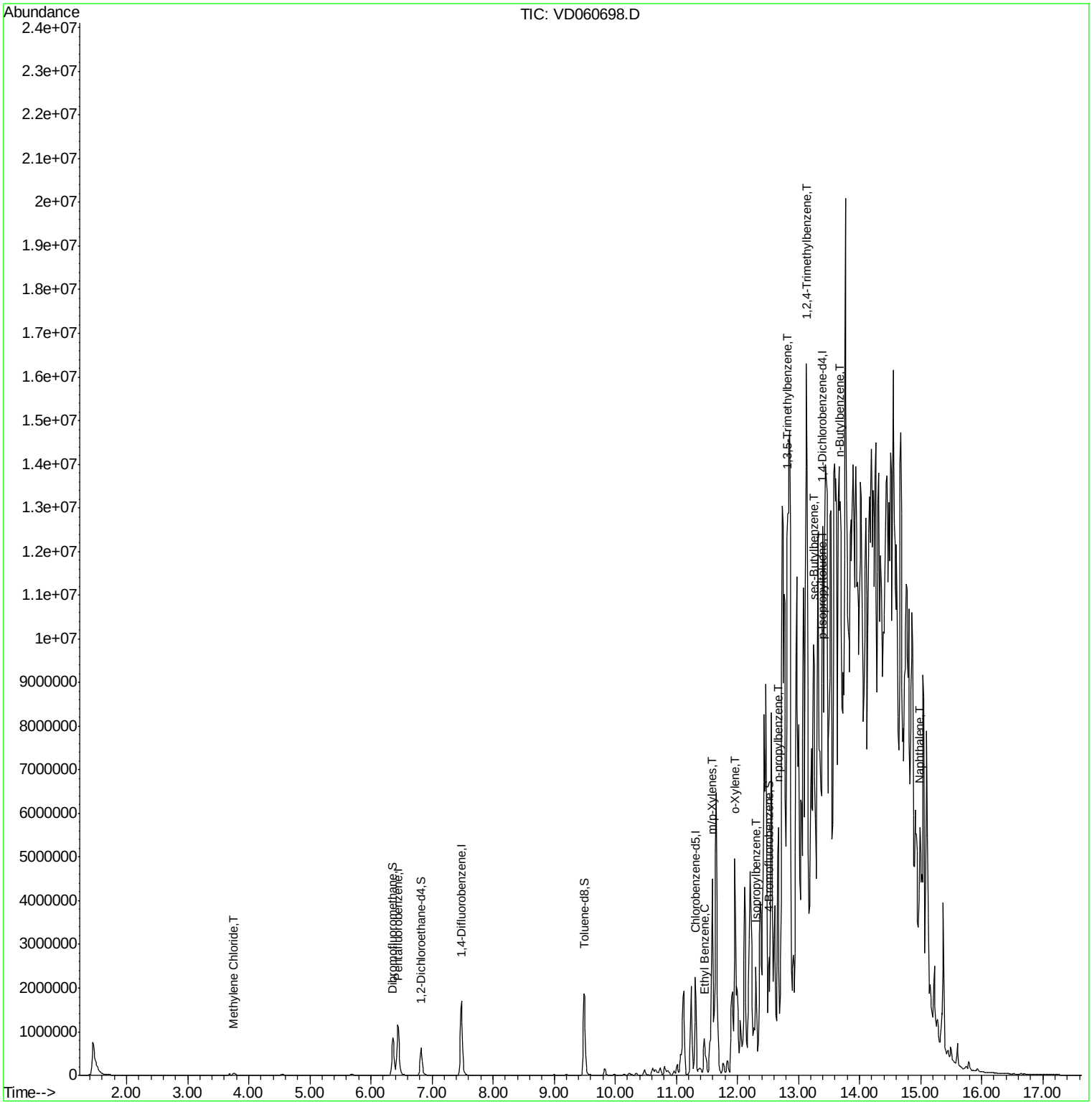
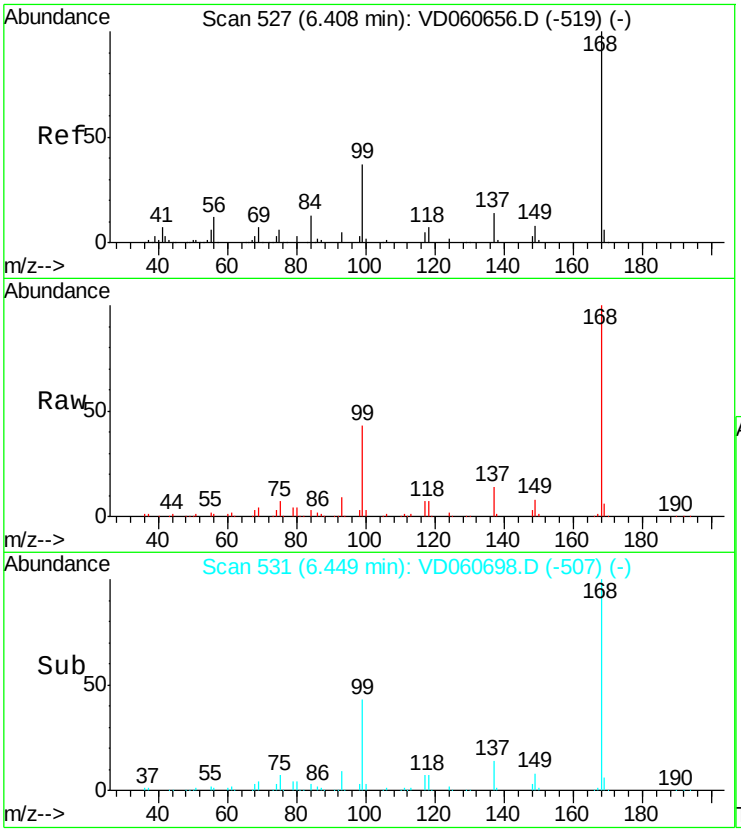
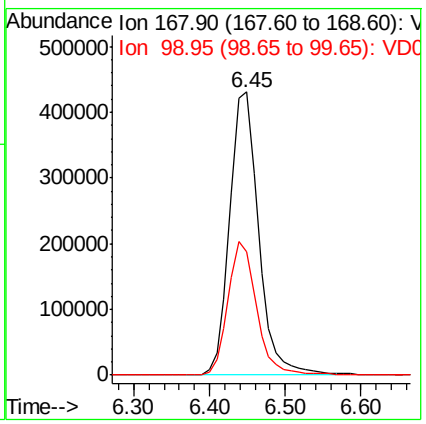




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 6.45 min Scan# 531
Delta R.T. 0.04 min
Lab File: VD060698.D
Acq: 21 Dec 2018 21:56

Tgt Ion:168 Resp: 1139250

Ion	Ratio	Lower	Upper
168	100		
99	43.4	38.7	58.1



Instrument :
MSVOA_D
ClientSampleId :
DRUM-1

Manual Integrations APPROVED
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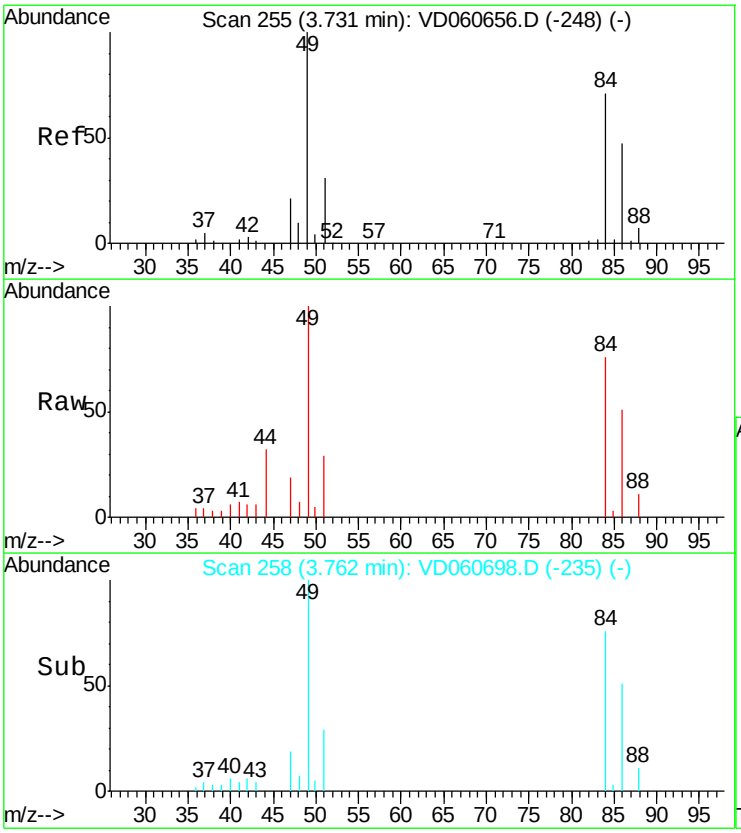
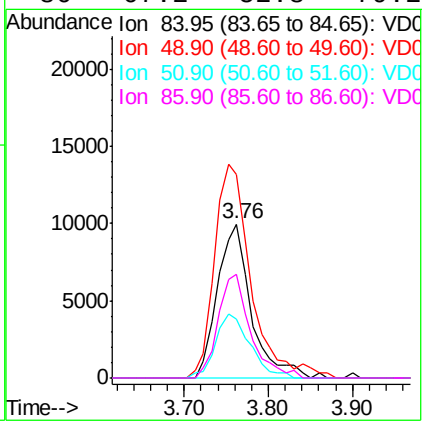
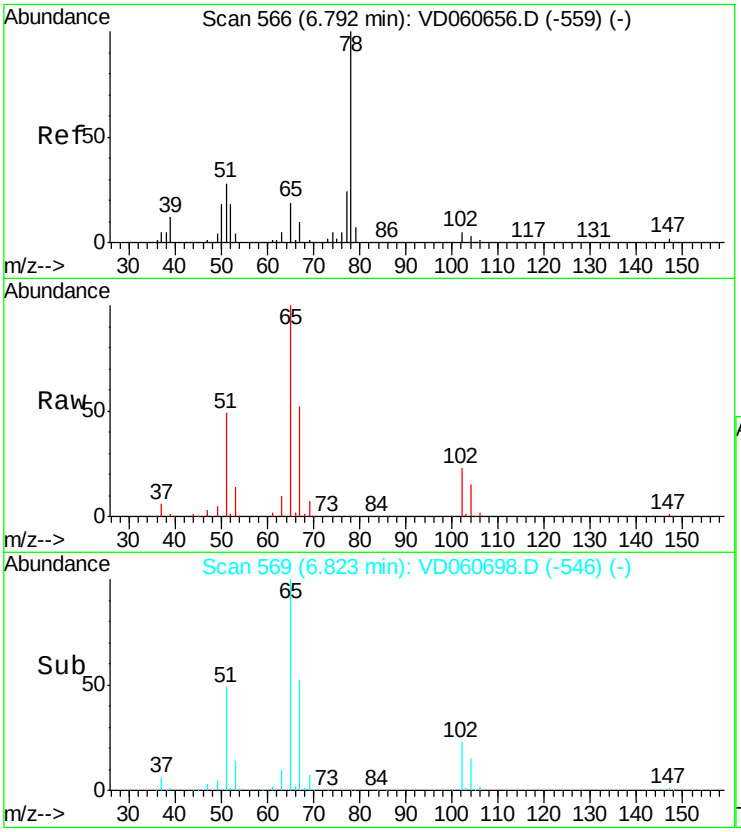


#20
Methylene Chloride
Concen: 1.938 ug/l
RT: 3.76 min Scan# 258
Delta R.T. 0.03 min
Lab File: VD060698.D
Acq: 21 Dec 2018 21:56

Tgt Ion: 84 Resp: 27668

Ion	Ratio	Lower	Upper
84	100		
49	132.3	113.6	170.4
51	38.5	34.7	52.1
86	67.2	52.8	79.2

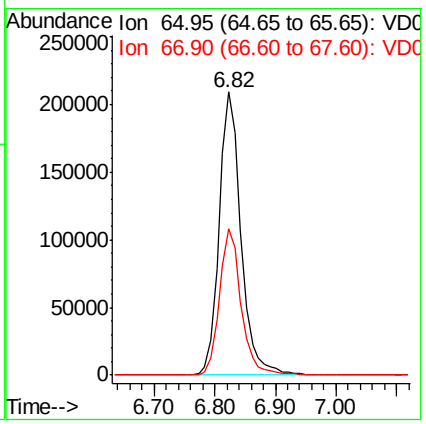




#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.82 min Scan# 569
Delta R.T. 0.03 min
Lab File: VD060698.D
Acq: 21 Dec 2018 21:56

Tgt Ion: 65 Resp: 522262

Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	105.4



Instrument :
MSVOA_D
ClientSampleId :
DRUM-1

Manual Integrations APPROVED
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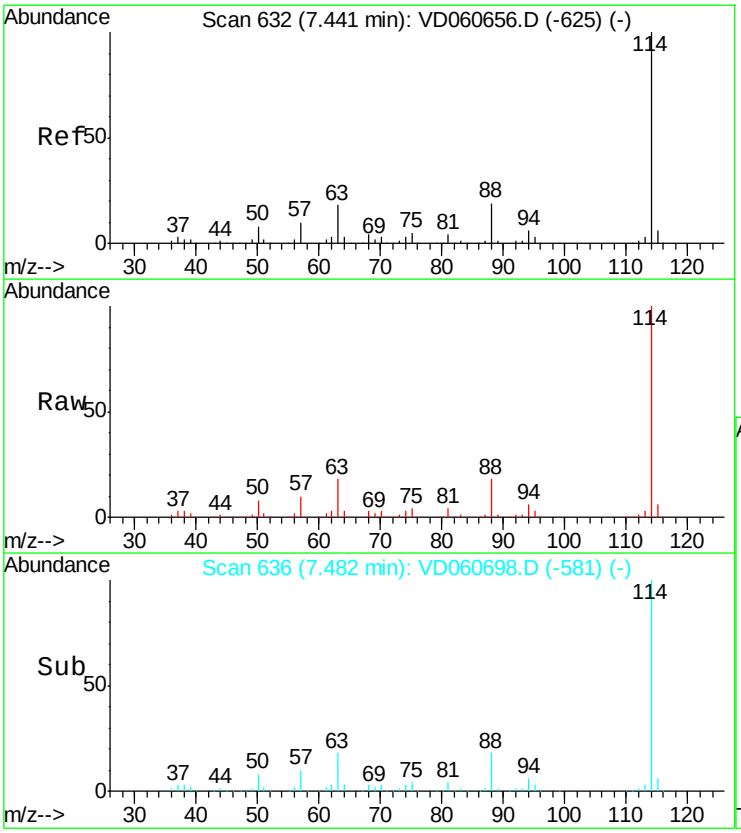
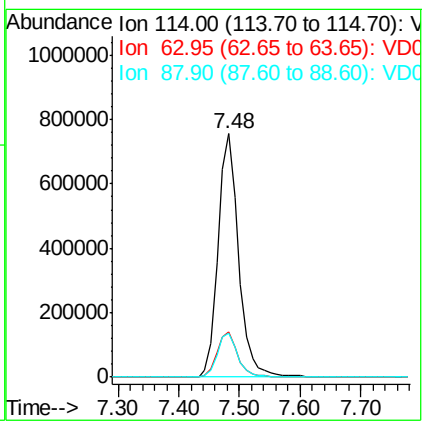
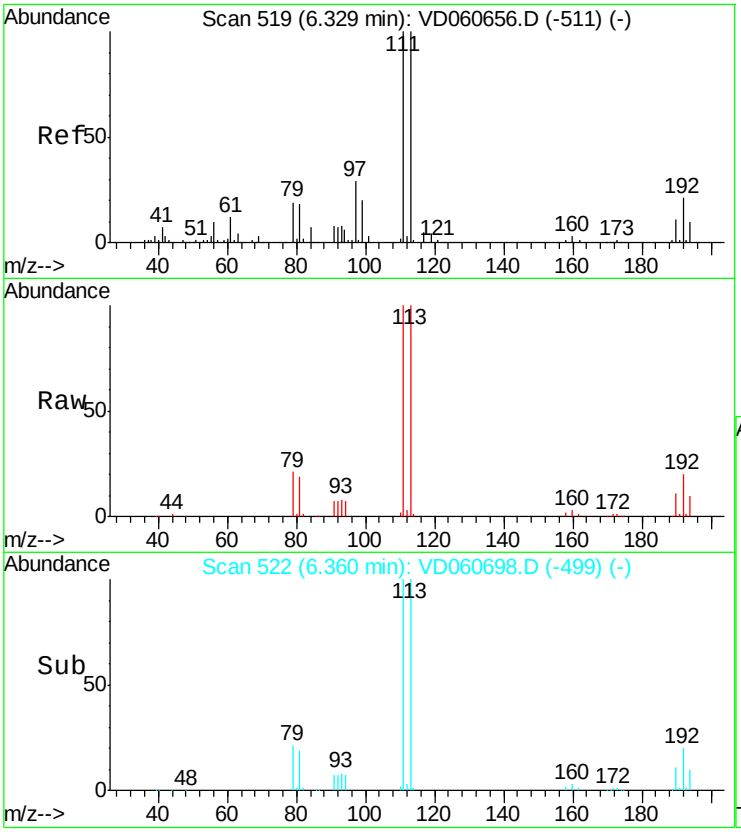


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 7.48 min Scan# 636
Delta R.T. 0.04 min
Lab File: VD060698.D
Acq: 21 Dec 2018 21:56

Tgt Ion:114 Resp: 1780054

Ion	Ratio	Lower	Upper
114	100		
63	18.4	0.0	36.2
88	18.0	0.0	37.0

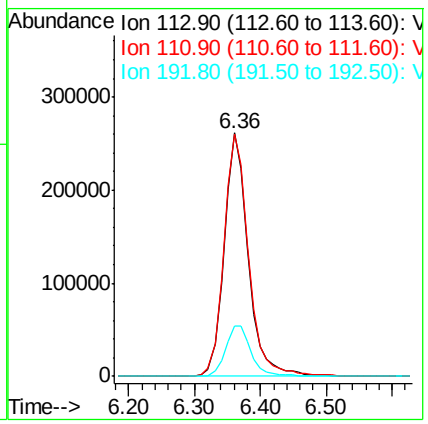




#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.36 min Scan# 522
Delta R.T. 0.03 min
Lab File: VD060698.D
Acq: 21 Dec 2018 21:56

Tgt Ion:113 Resp: 668343

Ion	Ratio	Lower	Upper
113	100		
111	99.6	80.0	120.0
192	20.4	16.6	25.0



Instrument :
MSVOA_D
ClientSampleId :
DRUM-1

Manual Integrations APPROVED
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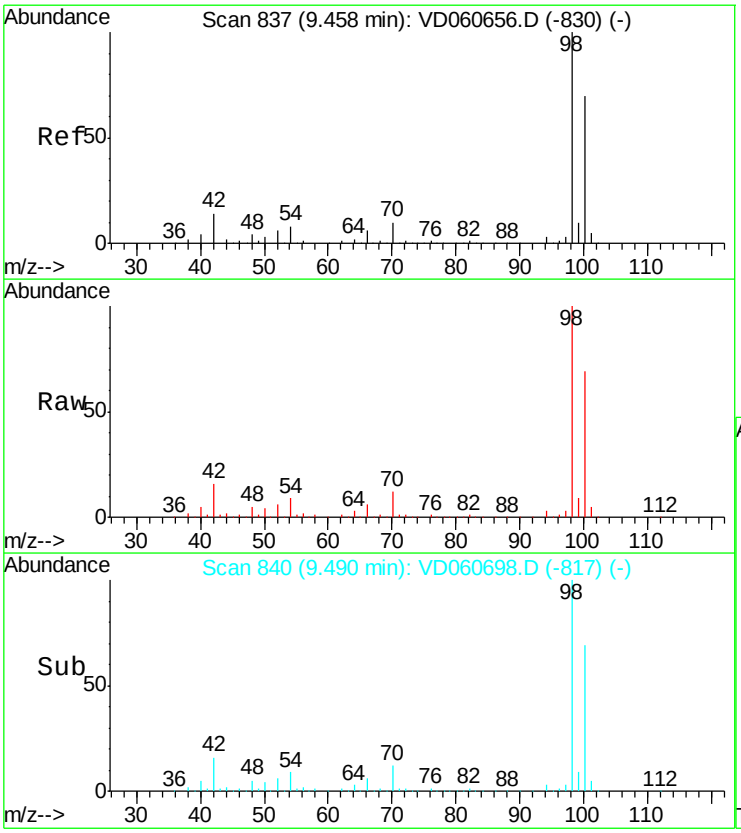
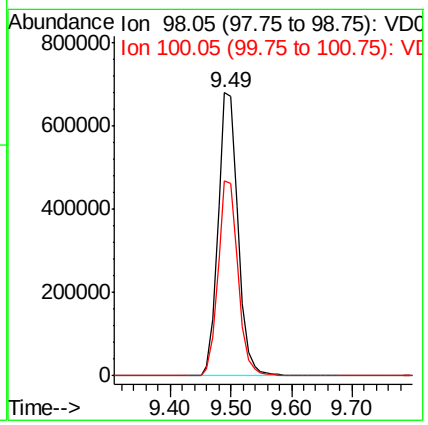
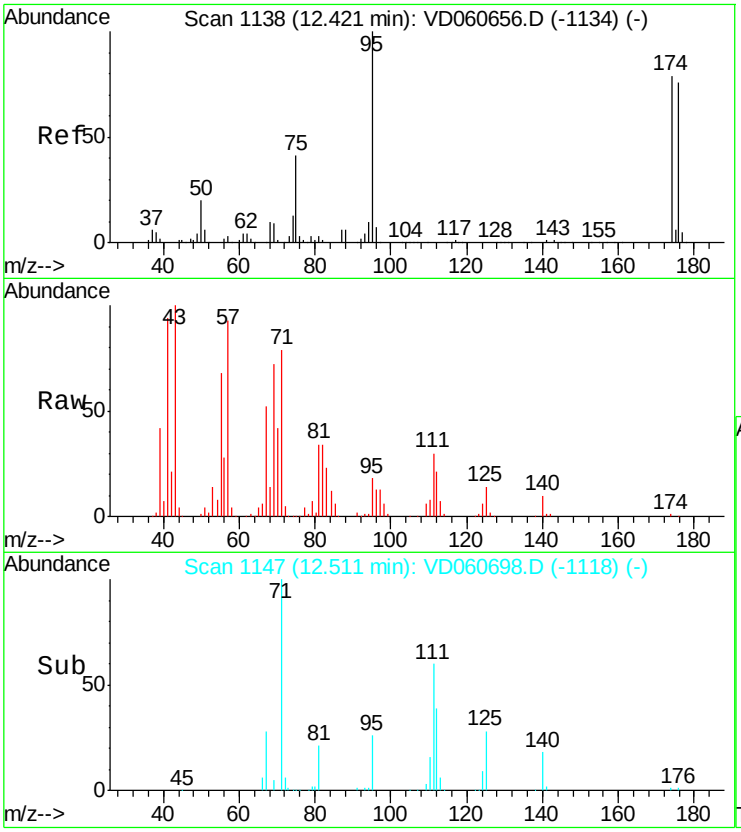


#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.49 min Scan# 840
Delta R.T. 0.03 min
Lab File: VD060698.D
Acq: 21 Dec 2018 21:56

Tgt Ion: 98 Resp: 1544530

Ion	Ratio	Lower	Upper
98	100		
100	69.0	55.8	83.8

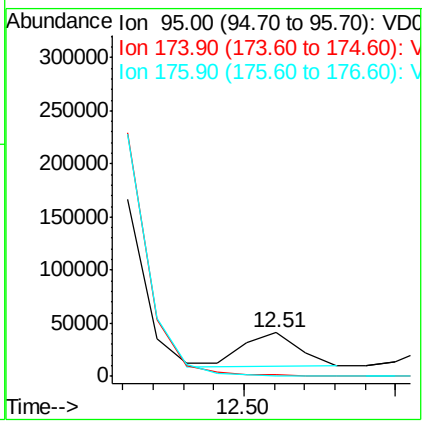




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.51 min Scan# 1147
Delta R.T. 0.09 min
Lab File: VD060698.D
Acq: 21 Dec 2018 21:56

Tgt Ion: 95 Resp: 41415

Ion	Ratio	Lower	Upper
95	100		
174	2.9	0.0	158.2
176	2.1	0.0	152.4



Instrument :
MSVOA_D
ClientSampleId :
DRUM-1

Manual Integrations APPROVED
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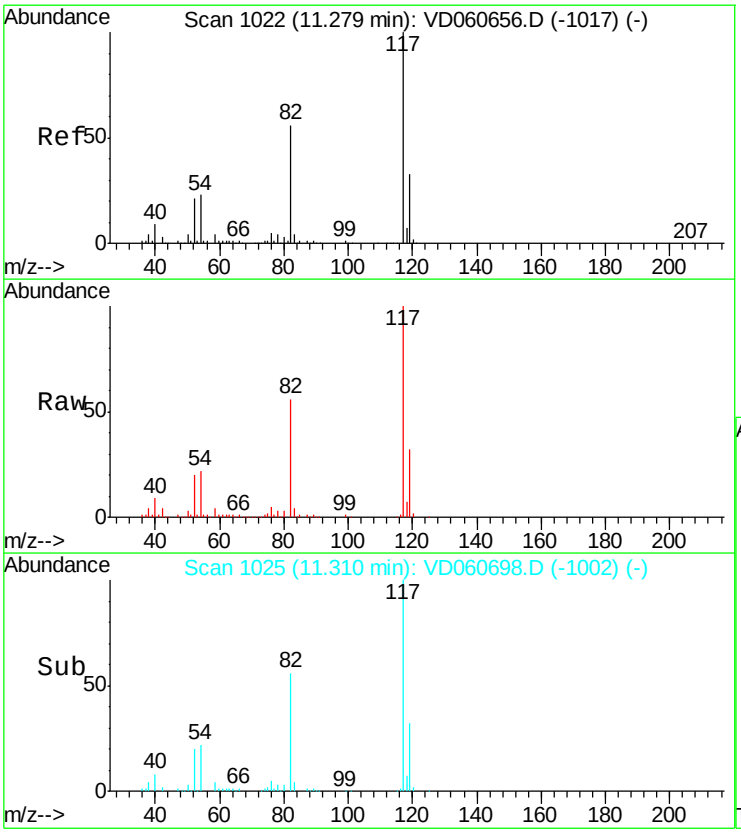
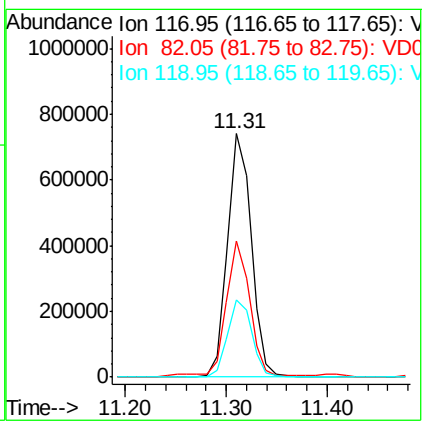
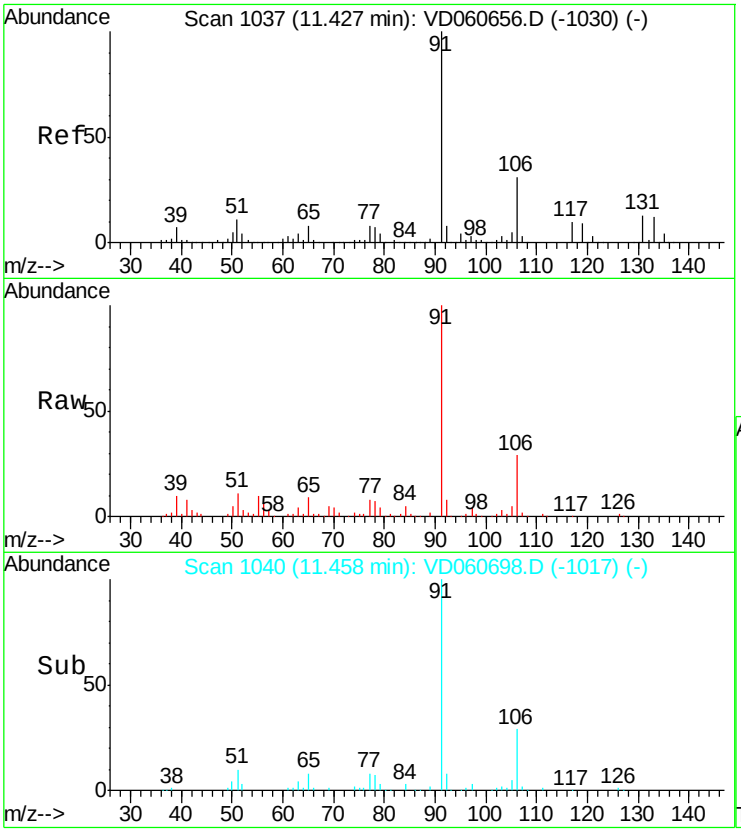


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.31 min Scan# 1025
Delta R.T. 0.03 min
Lab File: VD060698.D
Acq: 21 Dec 2018 21:56

Tgt Ion:117 Resp: 1212098

Ion	Ratio	Lower	Upper
117	100		
82	56.0	44.5	66.7
119	31.9	26.3	39.5





#67
Ethyl Benzene
Concen: 9.698 ug/l
RT: 11.46 min Scan# 1040
Delta R.T. 0.03 min
Lab File: VD060698.D
Acq: 21 Dec 2018 21:56

Tgt Ion: 91 Resp: 444778

Ion	Ratio	Lower	Upper
91	100		
106	28.7	24.6	36.8

Instrument :
MSVOA_D
ClientSampleId :
DRUM-1

Manual Integrations APPROVED
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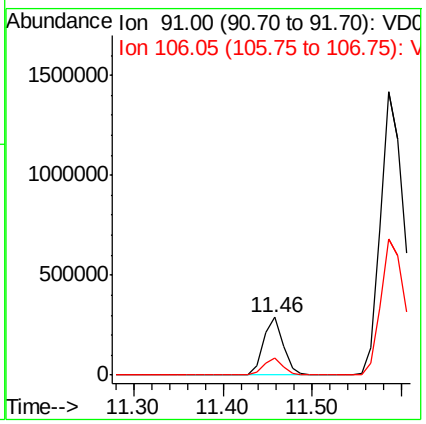
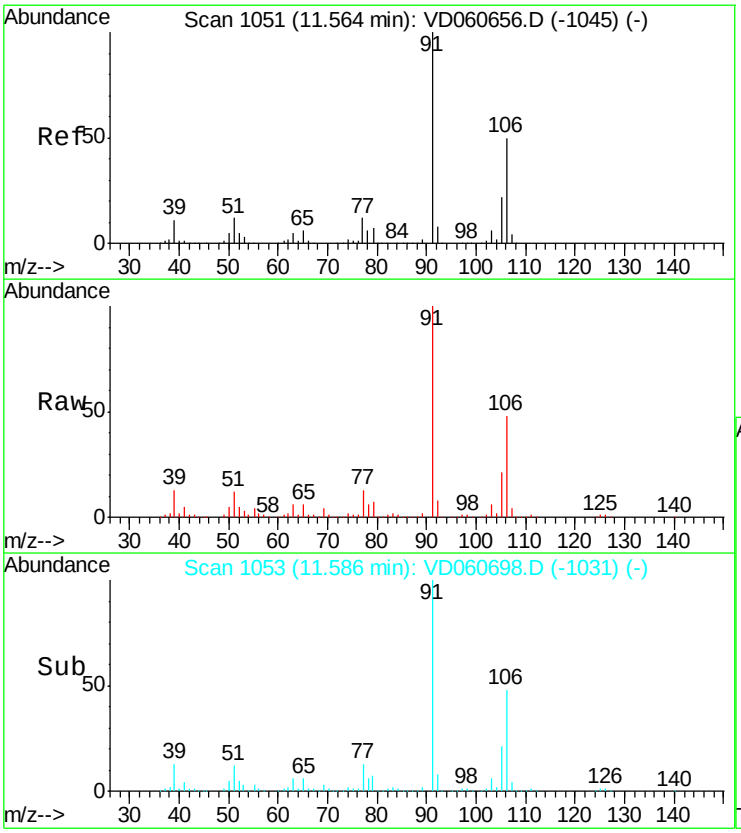
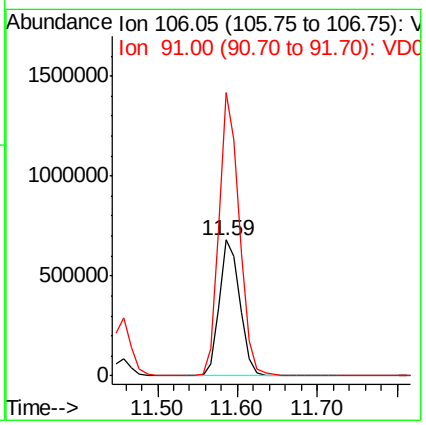


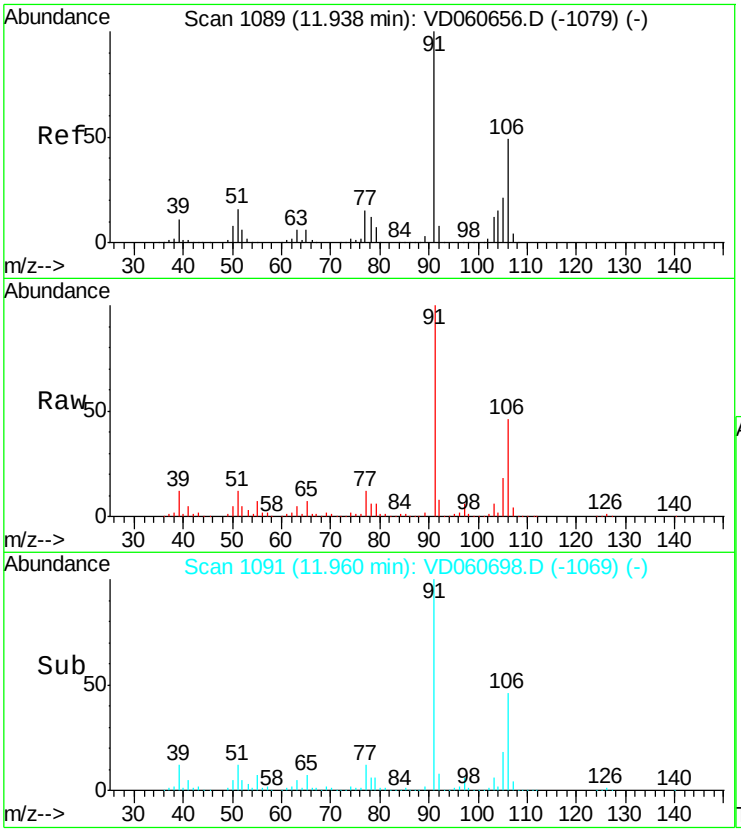


#68
m/p-Xylenes
Concen: 74.296 ug/l
RT: 11.59 min Scan# 1053
Delta R.T. 0.02 min
Lab File: VD060698.D
Acq: 21 Dec 2018 21:56

Tgt Ion:106 Resp: 1245255

Ion	Ratio	Lower	Upper
106	100		
91	208.2	158.9	238.3





#69
o-Xylene
Concen: 66.633 ug/l
RT: 11.96 min Scan# 1091
Delta R.T. 0.02 min
Lab File: VD060698.D
Acq: 21 Dec 2018 21:56

Tgt Ion:106 Resp: 1059556

Ion	Ratio	Lower	Upper
106	100		
91	215.2	101.5	304.5

Instrument :
MSVOA_D
ClientSampleId :
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Manual Integrations APPROVED
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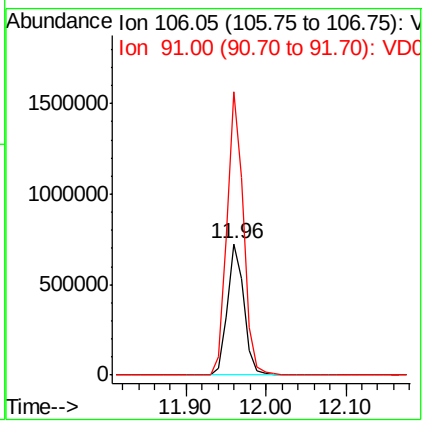
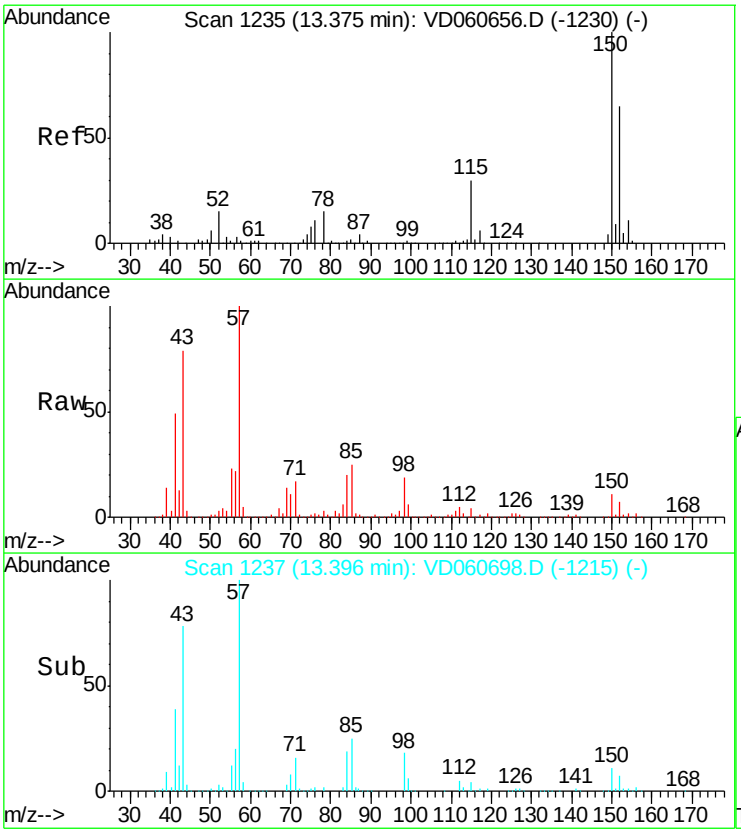
12/26/2018 10:57:52 AM

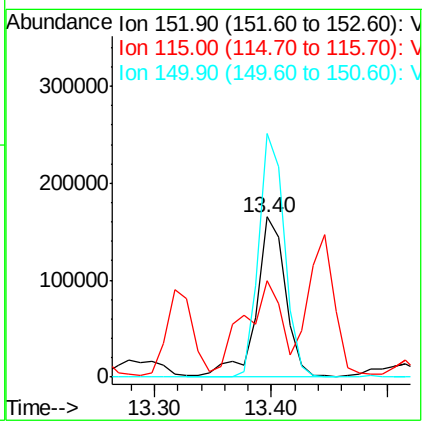


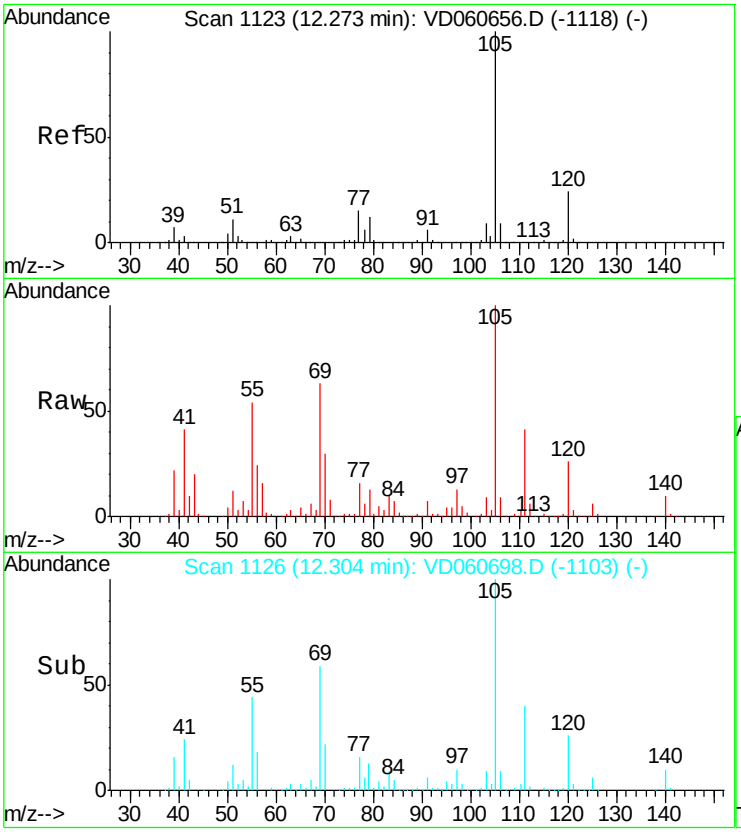


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.40 min Scan# 1237
Delta R.T. 0.02 min
Lab File: VD060698.D
Acq: 21 Dec 2018 21:56

Tgt Ion:152 Resp: 281927

Ion	Ratio	Lower	Upper
152	100		
115	60.7	24.1	72.3
150	152.3	0.0	315.0

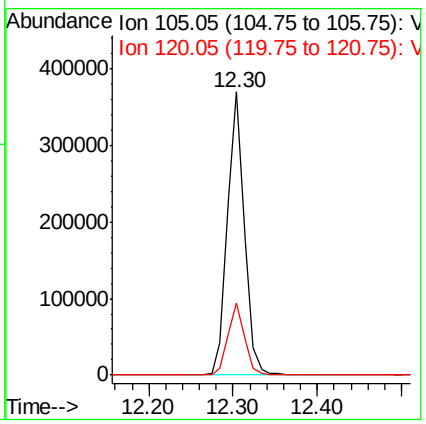




#73
Isopropylbenzene
Concen: 25.692 ug/l
RT: 12.30 min Scan# 1126
Delta R.T. 0.03 min
Lab File: VD060698.D
Acq: 21 Dec 2018 21:56

Tgt Ion:105 Resp: 515720

Ion	Ratio	Lower	Upper
105	100		
120	25.7	12.2	36.4



Instrument :
MSVOA_D
ClientSampleId :
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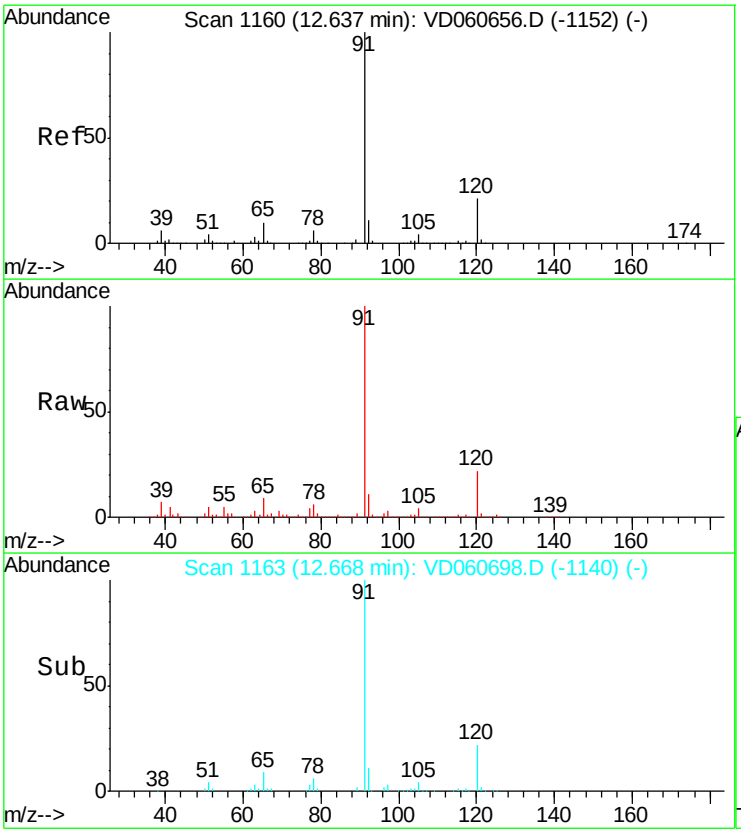
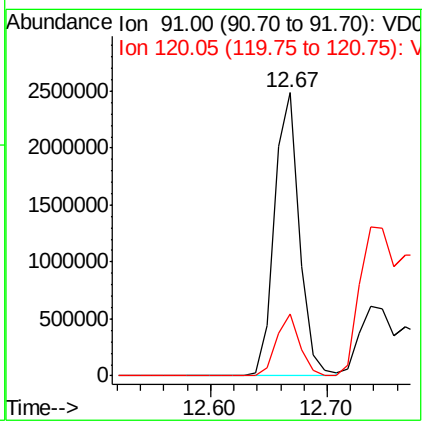
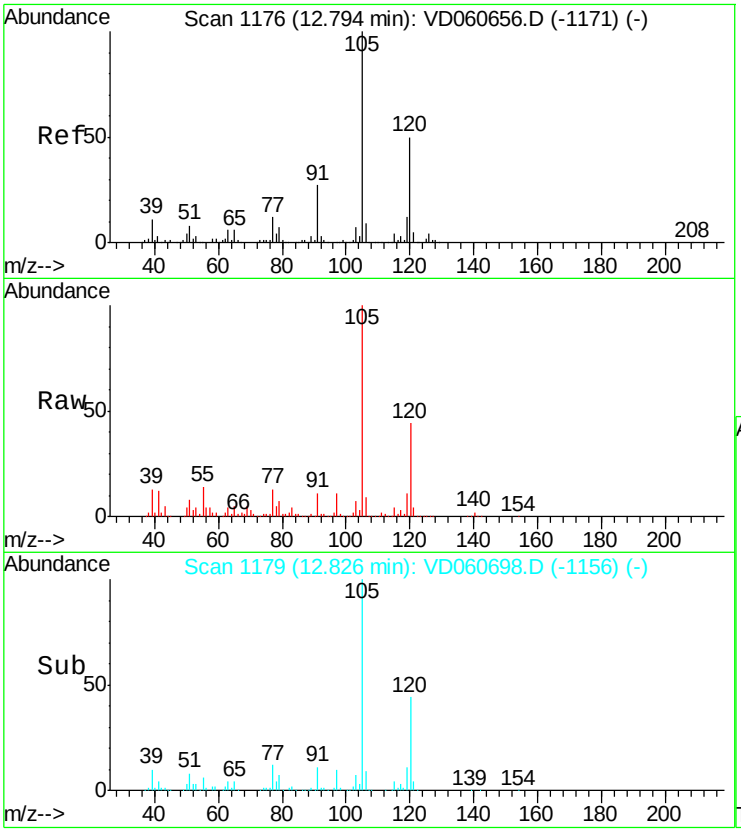


#78
n-propylbenzene
Concen: 141.920 ug/l
RT: 12.67 min Scan# 1163
Delta R.T. 0.03 min
Lab File: VD060698.D
Acq: 21 Dec 2018 21:56

Tgt Ion: 91 Resp: 3641936

Ion	Ratio	Lower	Upper
91	100		
120	21.9	10.4	31.2

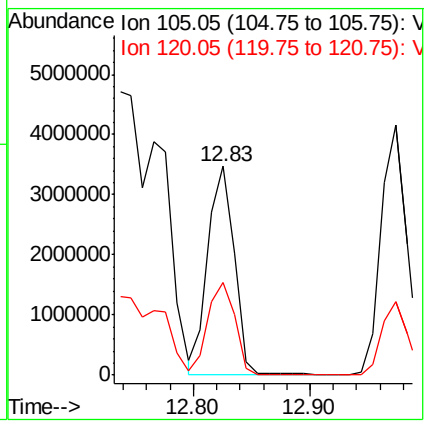




#80
1,3,5-Trimethylbenzene
Concen: 350.699 ug/l
RT: 12.83 min Scan# 1179
Delta R.T. 0.03 min
Lab File: VD060698.D
Acq: 21 Dec 2018 21:56

Tgt Ion:105 Resp: 5435837

Ion	Ratio	Lower	Upper
105	100		
120	44.1	24.8	74.4



Instrument :
MSVOA_D
ClientSampleId :
DRUM-1

Manual Integrations APPROVED
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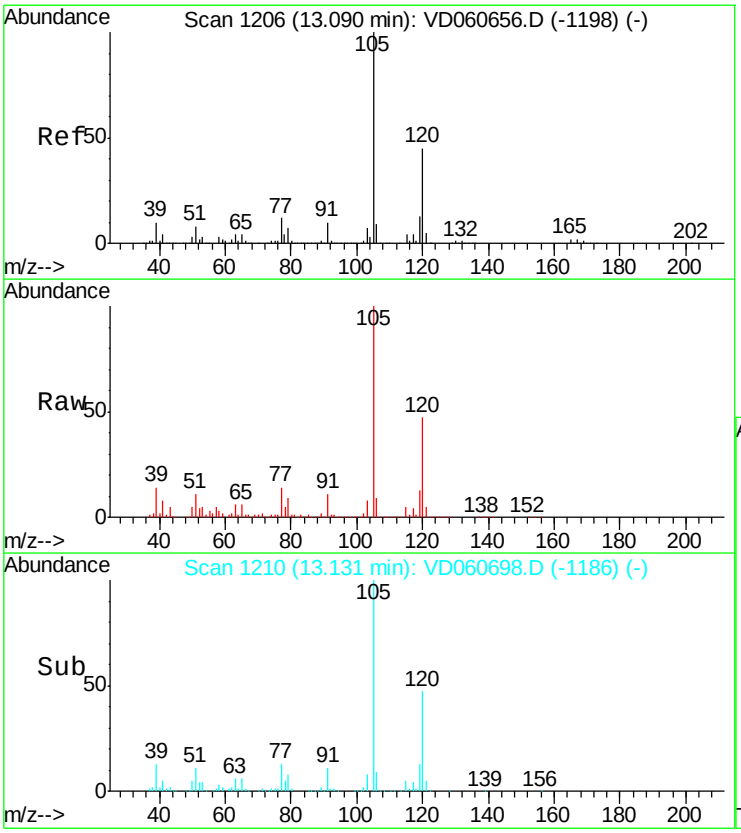
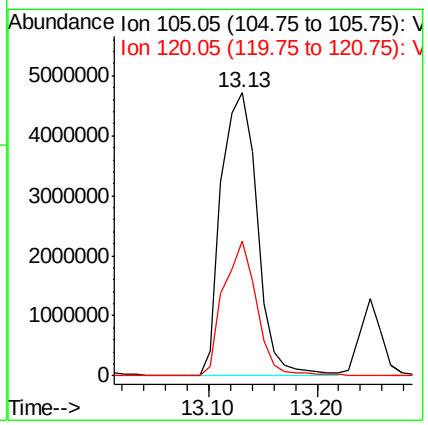
12/26/2018 10:57:52 AM

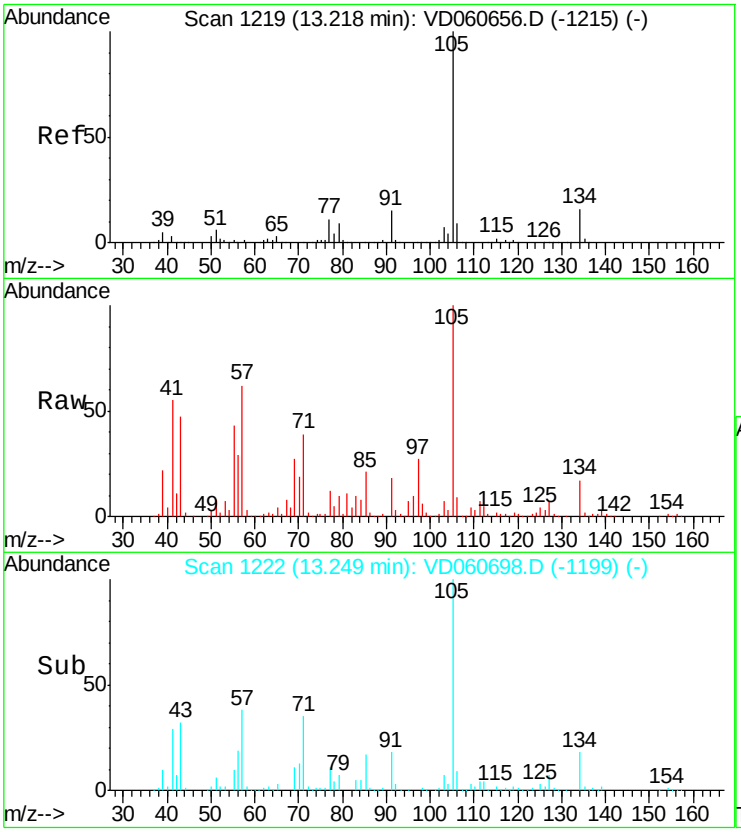


#84
1,2,4-Trimethylbenzene
Concen: 682.845 ug/l
RT: 13.13 min Scan# 1210
Delta R.T. 0.04 min
Lab File: VD060698.D
Acq: 21 Dec 2018 21:56

Tgt Ion:105 Resp:10900925

Ion	Ratio	Lower	Upper
105	100		
120	47.4	22.4	67.0

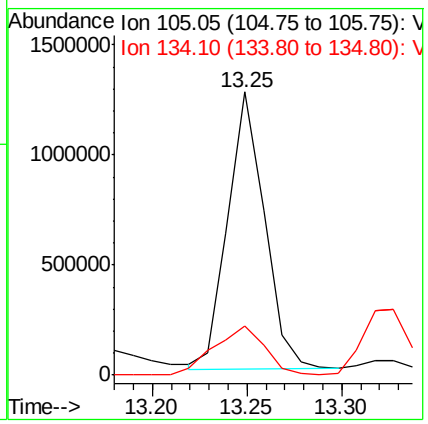




#85
sec-Butylbenzene
Concen: 78.392 ug/l
RT: 13.25 min Scan# 1222
Delta R.T. 0.03 min
Lab File: VD060698.D
Acq: 21 Dec 2018 21:56

Tgt Ion:105 Resp: 1686413

Ion	Ratio	Lower	Upper
105	100		
134	17.5	8.2	24.4



Instrument :
MSVOA_D
ClientSampleId :
DRUM-1

Manual Integrations APPROVED
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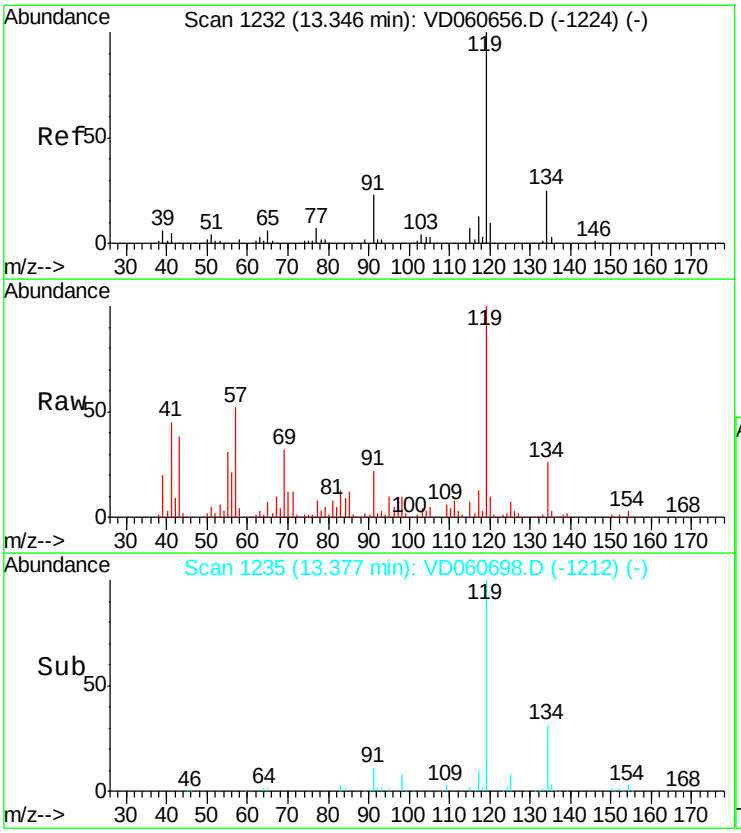
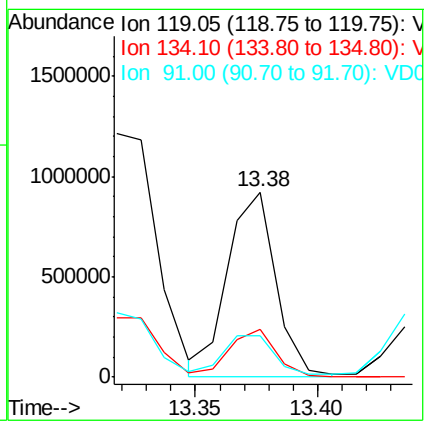
12/26/2018 10:57:52 AM

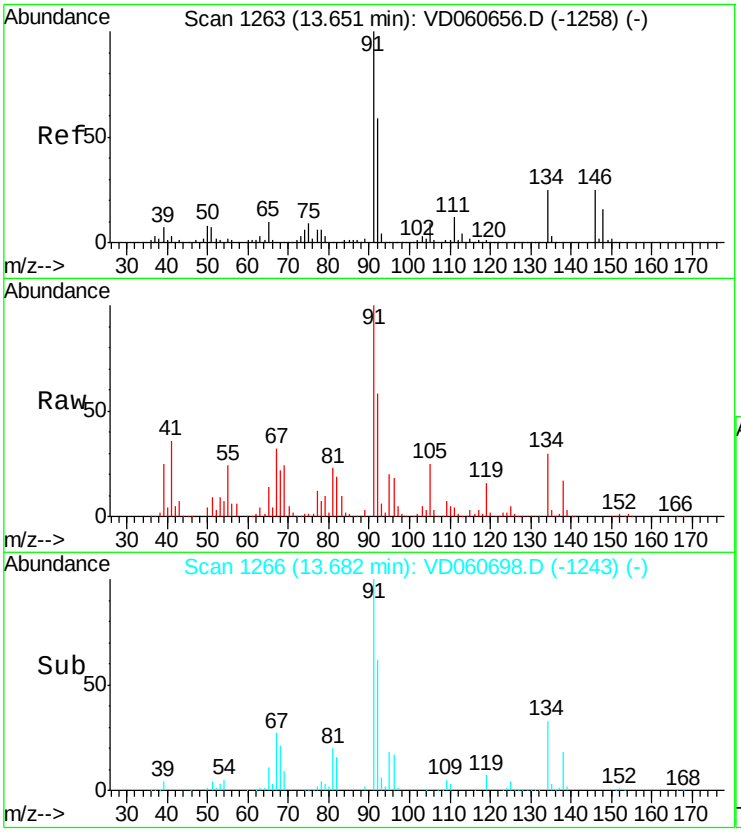


#86
p-Isopropyltoluene
Concen: 73.997 ug/l m
RT: 13.38 min Scan# 1235
Delta R.T. 0.03 min
Lab File: VD060698.D
Acq: 21 Dec 2018 21:56

Tgt Ion:119 Resp: 1284978

Ion	Ratio	Lower	Upper
119	100		
134	26.1	12.5	37.5
91	22.2	11.4	34.2

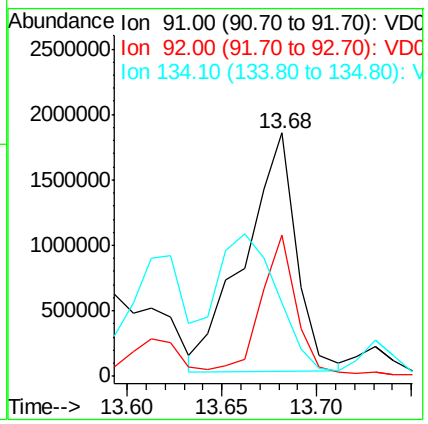




#89
n-Butylbenzene
Concen: 192.365 ug/l
RT: 13.68 min Scan# 1266
Delta R.T. 0.03 min
Lab File: VD060698.D
Acq: 21 Dec 2018 21:56

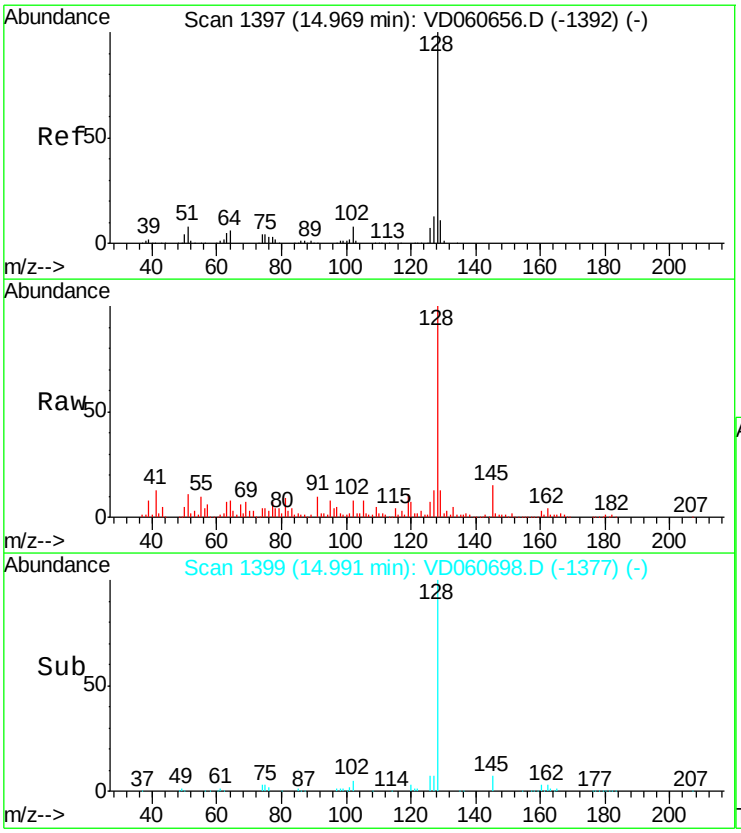
Tgt Ion: 91 Resp: 3413612

Ion	Ratio	Lower	Upper
91	100		
92	57.8	29.7	89.1
134	29.9	12.7	38.1



Instrument :
MSVOA_D
ClientSampleId :
DRUM-1

Manual Integrations APPROVED
MMDadoda
12/26/2018 10:57:52 AM



#95
Naphthalene
Concen: 207.618 ug/l
RT: 14.99 min Scan# 1399
Delta R.T. 0.02 min
Lab File: VD060698.D
Acq: 21 Dec 2018 21:56

Tgt Ion:128 Resp: 1532305

Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.1	15.1
129	13.3	8.6	13.0#