Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD060319\
Data File : VD062593.D
Acq On : 3 Jun 2019 18:40
Operator : VA/AP
Sample : K3165-07RE
Misc : 1.89g/5ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jun 04 07:14:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D053019S.M
Quant Title : SW846 8260
QLast Update : Fri May 31 02:08:29 2019
Response via : Initial Calibration

Instrument : MSVOA_D
ClientSampleId : 51419

Manual Integrations APPROVED
MMDadoda
6/6/2019 8:48:16 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	279222	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.22	114	345625	50.00	ug/l	-0.01
63) Chlorobenzene-d5	12.36	117	155634	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	39556	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	188384	57.54	ug/l	-0.02
Spiked Amount 50.000			Recovery = 115.08%			
35) Dibromofluoromethane	6.93	113	172137	54.65	ug/l	-0.01
Spiked Amount 50.000			Recovery = 109.30%			
50) Toluene-d8	10.41	98	185009	26.81	ug/l	-0.01
Spiked Amount 50.000			Recovery = 53.62%			
62) 4-Bromofluorobenzene	13.55	95	46873	15.06	ug/l	-0.01
Spiked Amount 50.000			Recovery = 30.12%			
Target Compounds						Qvalue
16) Acetone	3.23	43	121706	189.200	ug/l #	88
20) Methylene Chloride	3.82	84	18397	7.726	ug/l	90
25) 2-Butanone	6.07	43	16177	26.702	ug/l	98
39) Methylcyclohexane	8.87	83	8768	3.010	ug/l #	72
52) Toluene	10.51	92	1153529	250.463	ug/l	98
67) Ethyl Benzene	12.52	91	86766	15.620	ug/l	93
68) m/p-Xylenes	12.67	106	152061	79.131	ug/l	91
69) o-Xylene	13.05	106	55846	30.465	ug/l	92
70) Styrene	13.07	104	12367	3.973	ug/l	90
73) Isopropylbenzene	13.40	105	8134	3.119	ug/l #	72
78) n-propylbenzene	13.77	91	18332	6.099	ug/l	100
80) 1,3,5-Trimethylbenzene	13.94	105	33455	15.013	ug/l	87
84) 1,2,4-Trimethylbenzene	14.23	105	85199	37.522	ug/l	100
89) n-Butylbenzene	14.80	91	5680m	2.586	ug/l	
95) Naphthalene	16.12	128	22294	19.636	ug/l	99

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

Quantitation Report (QT Reviewed)

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Data File : VD062593.D
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D053019S.M
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Instrument :
MSVOA_D
ClientSampleId :
51419

Manual Integrations APPROVED
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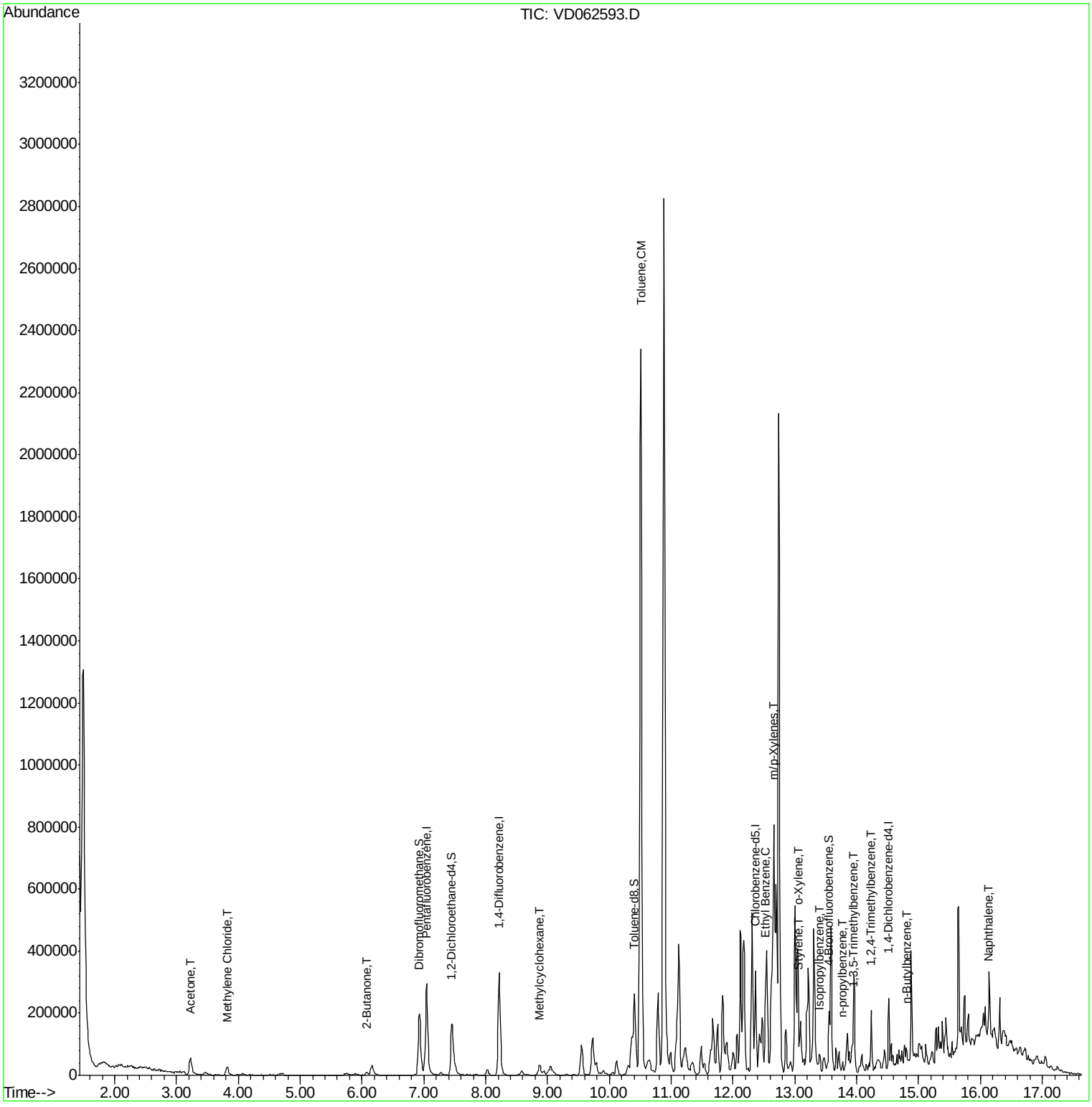
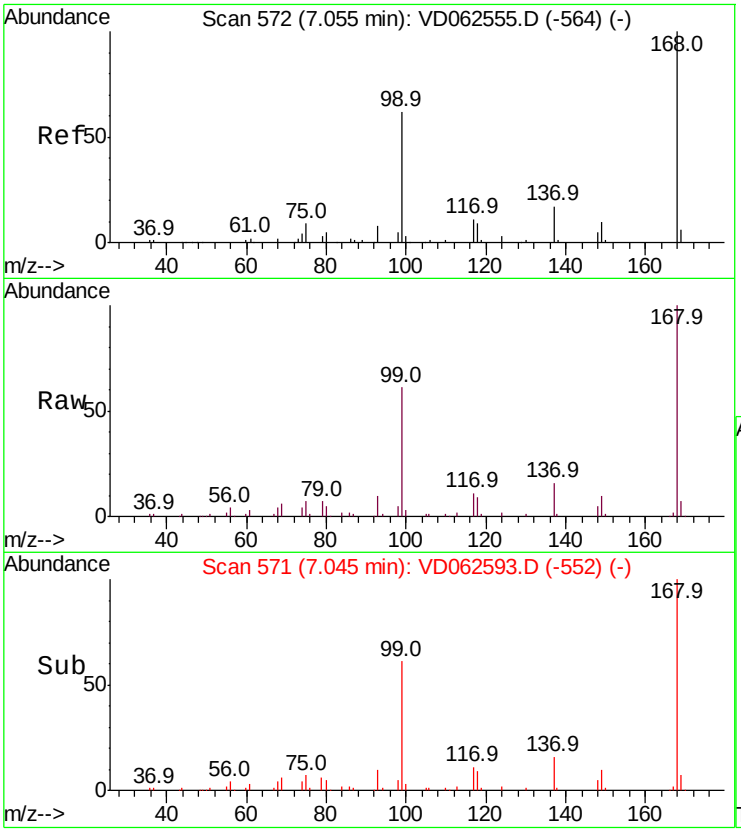
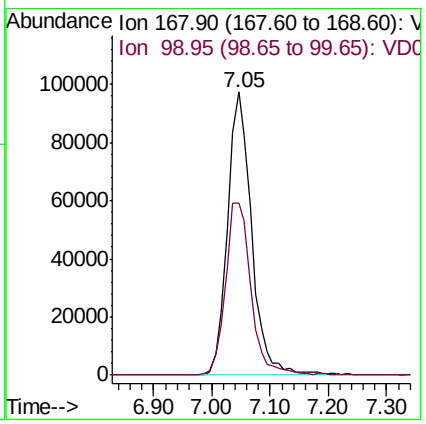




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.05 min Scan# 571
Delta R.T. -0.01 min
Lab File: VD062593.D
Acq: 3 Jun 2019 18:40

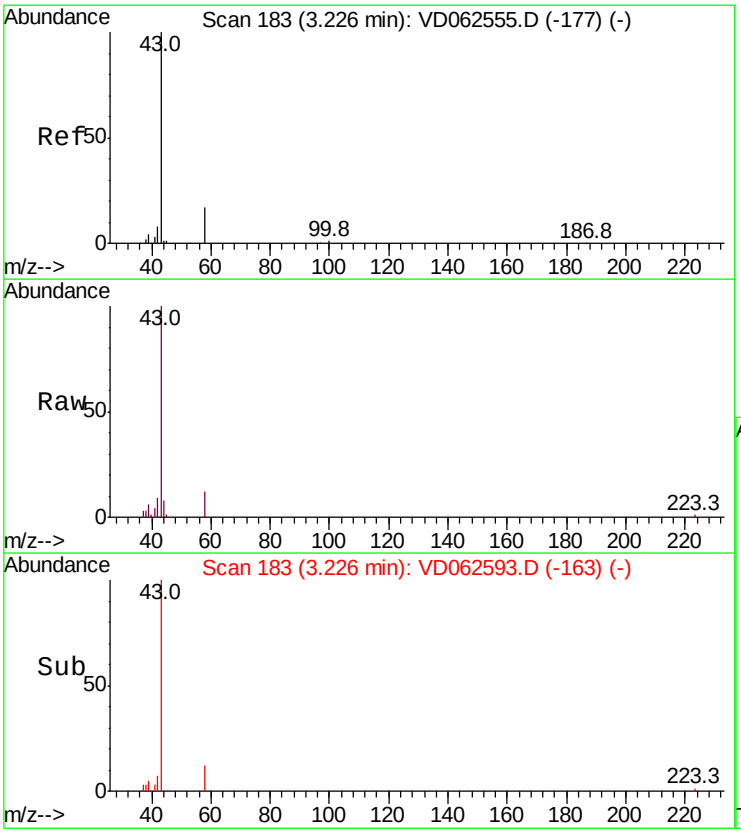
Tgt Ion:168 Resp: 279222

Ion	Ratio	Lower	Upper
168	100		
99	60.7	50.8	76.2



Instrument :
MSVOA_D
ClientSampleId :
51419

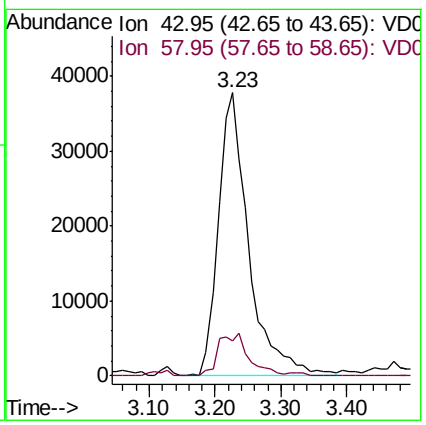
Manual Integrations APPROVED
MMDadoda
6/6/2019 8:48:16 AM

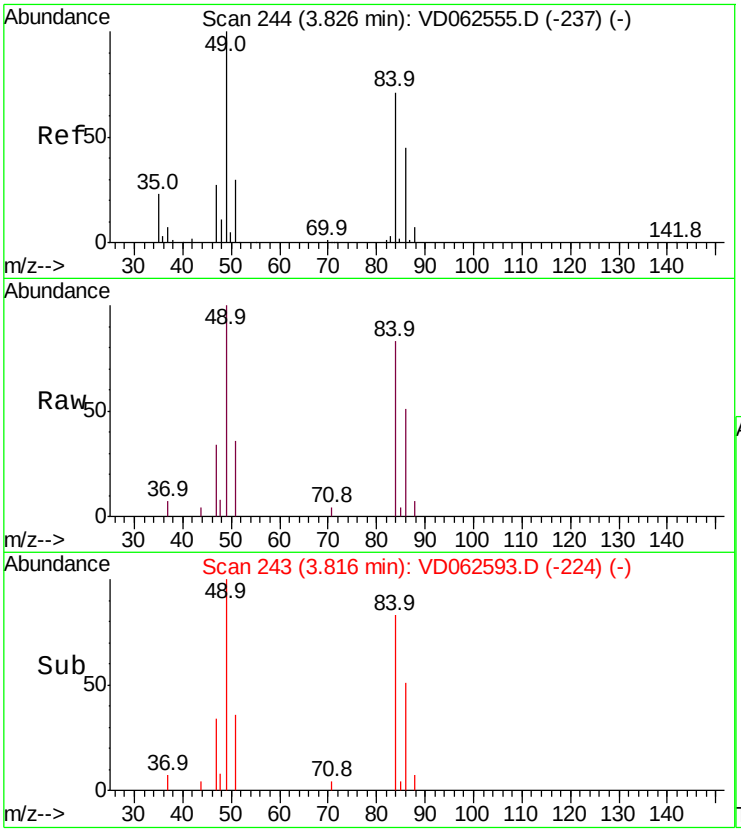


#16
Acetone
Concen: 189.200 ug/l
RT: 3.23 min Scan# 183
Delta R.T. -0.00 min
Lab File: VD062593.D
Acq: 3 Jun 2019 18:40

Tgt Ion: 43 Resp: 121706

Ion	Ratio	Lower	Upper
43	100		
58	12.2	13.8	20.8#

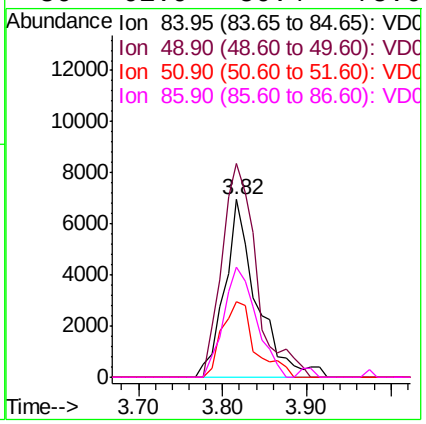




#20
Methylene Chloride
Concen: 7.726 ug/l
RT: 3.82 min Scan# 243
Delta R.T. -0.01 min
Lab File: VD062593.D
Acq: 3 Jun 2019 18:40

Tgt Ion: 84 Resp: 18397

Ion	Ratio	Lower	Upper
84	100		
49	120.3	112.3	168.5
51	42.7	33.6	50.4
86	61.9	50.4	75.6



Instrument :
MSVOA_D
ClientSampleId :
51419

Manual Integrations APPROVED
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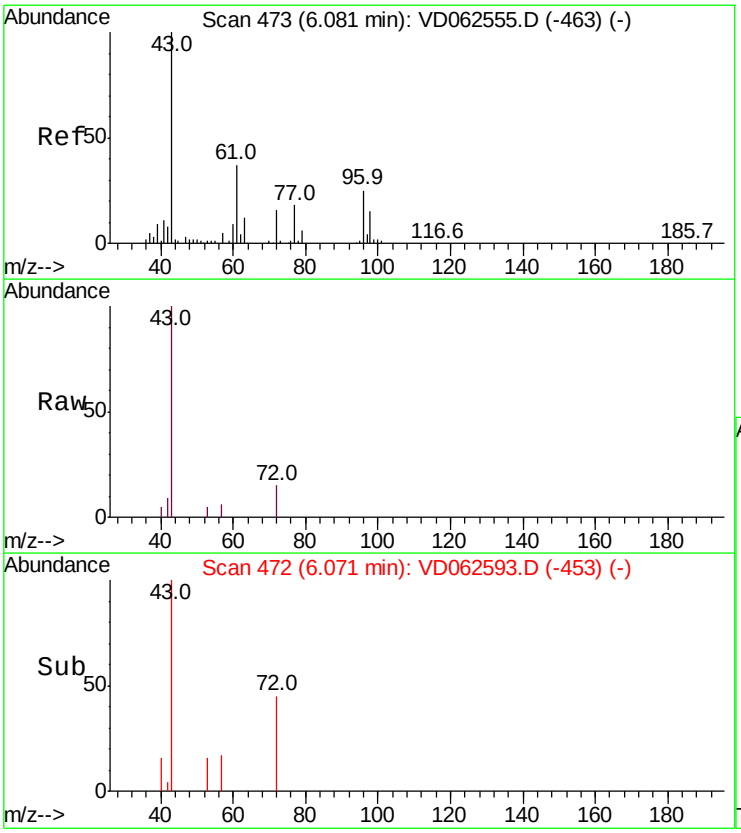
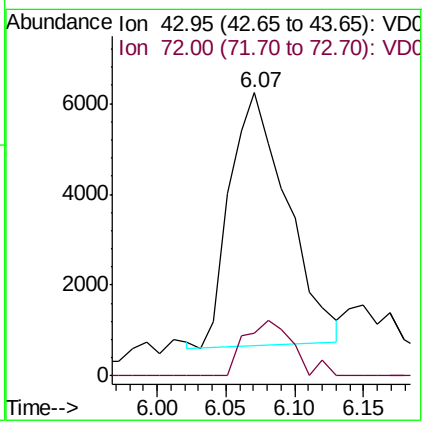
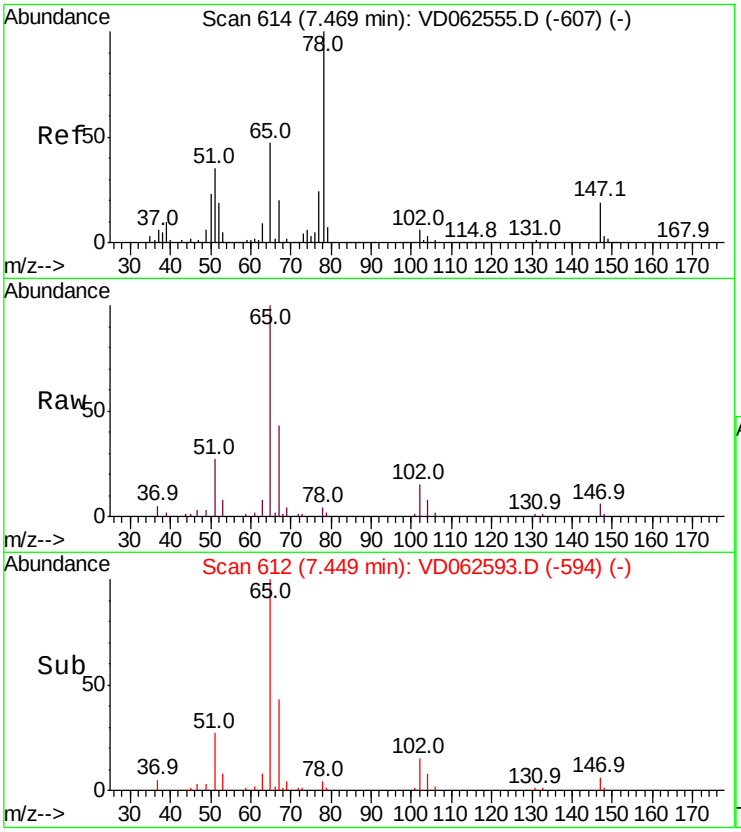


#25
2-Butanone
Concen: 26.702 ug/l
RT: 6.07 min Scan# 472
Delta R.T. -0.01 min
Lab File: VD062593.D
Acq: 3 Jun 2019 18:40

Tgt Ion: 43 Resp: 16177

Ion	Ratio	Lower	Upper
43	100		
72	15.2	12.7	19.1

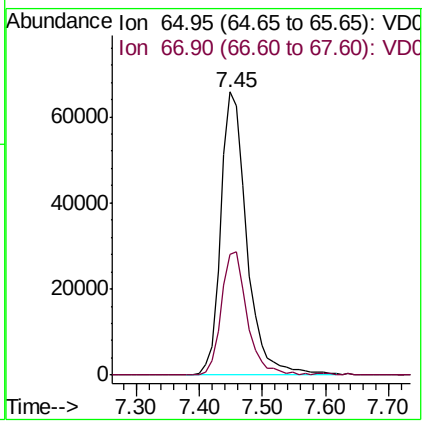




#33
1,2-Dichloroethane-d4
Concen: 57.540 ug/l
RT: 7.45 min Scan# 612
Delta R.T. -0.02 min
Lab File: VD062593.D
Acq: 3 Jun 2019 18:40

Tgt Ion: 65 Resp: 188384

Ion	Ratio	Lower	Upper
65	100		
67	42.8	0.0	83.6



Instrument :
MSVOA_D
ClientSampleId :
51419

Manual Integrations APPROVED
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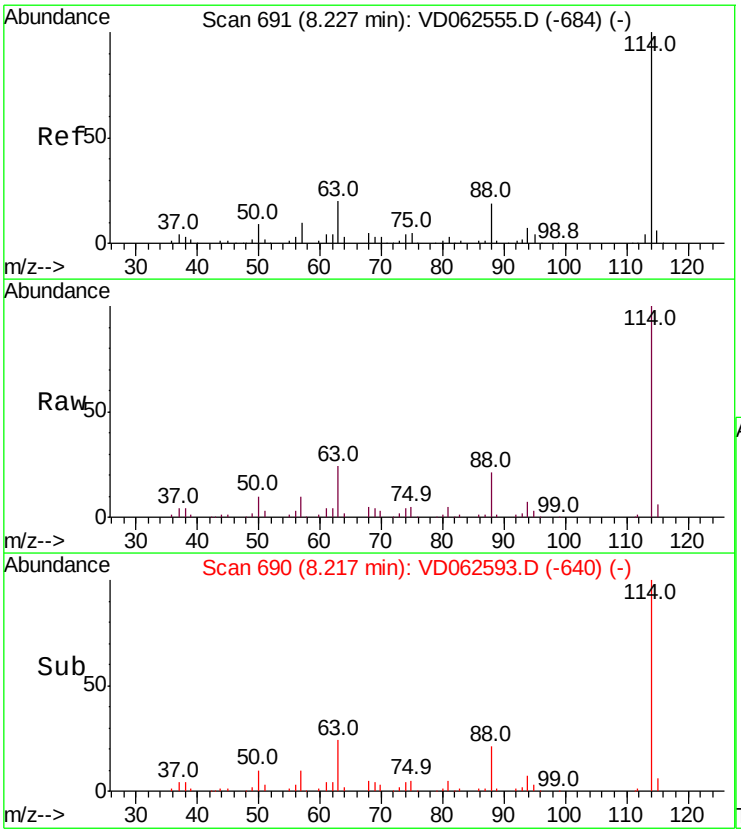
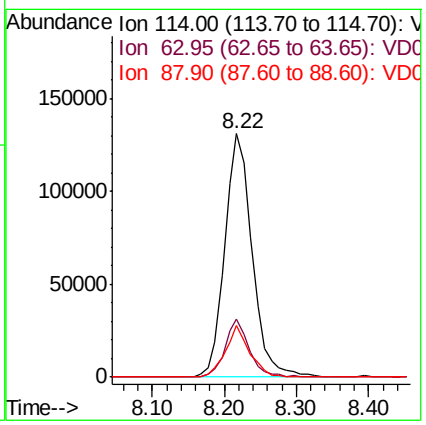
6/6/2019 8:48:16 AM

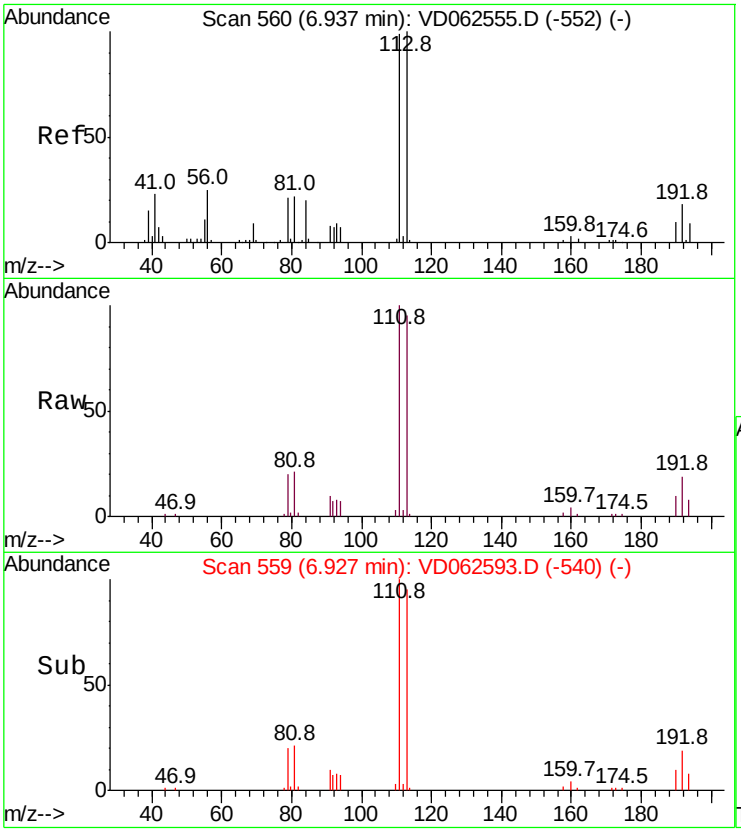


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.22 min Scan# 690
Delta R.T. -0.01 min
Lab File: VD062593.D
Acq: 3 Jun 2019 18:40

Tgt Ion:114 Resp: 345625

Ion	Ratio	Lower	Upper
114	100		
63	23.7	0.0	40.6
88	21.1	0.0	37.6

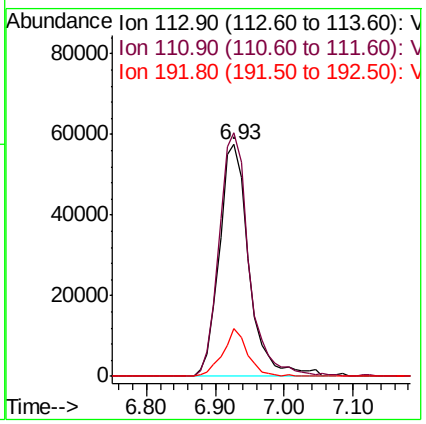




#35
Dibromofluoromethane
Concen: 54.654 ug/l
RT: 6.93 min Scan# 559
Delta R.T. -0.01 min
Lab File: VD062593.D
Acq: 3 Jun 2019 18:40

Tgt Ion:113 Resp: 172137

Ion	Ratio	Lower	Upper
113	100		
111	104.9	78.8	118.2
192	20.4	14.6	22.0



Instrument :
MSVOA_D
ClientSampleId :
51419

Manual Integrations APPROVED
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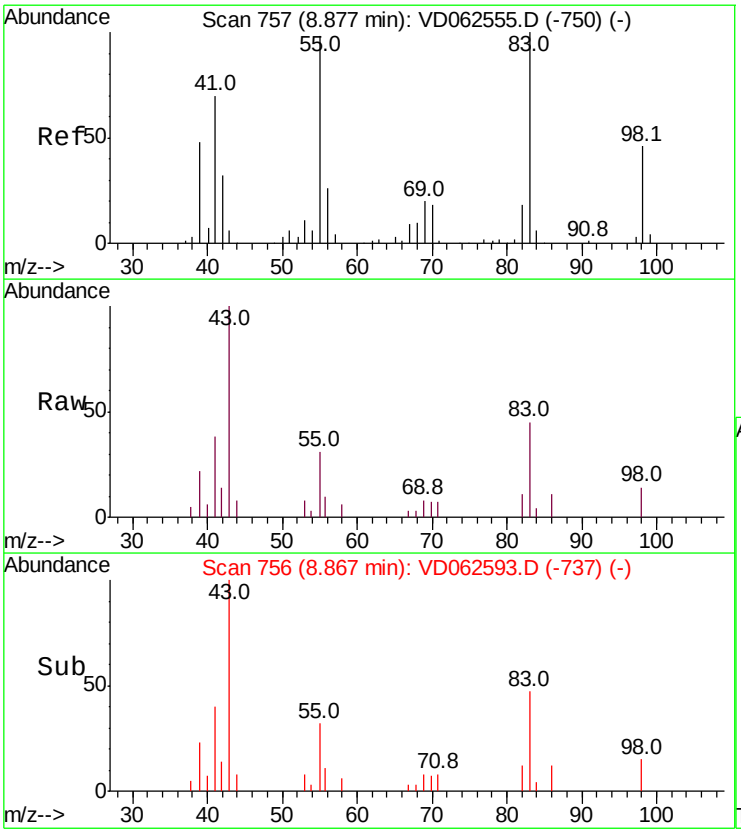
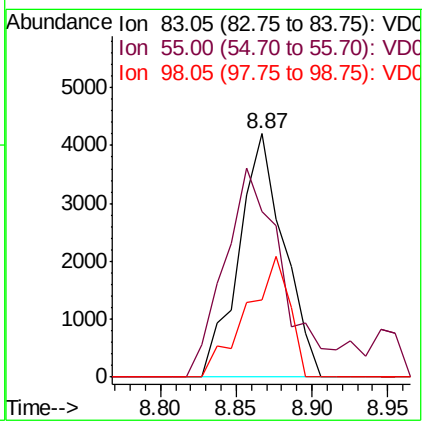
6/6/2019 8:48:16 AM

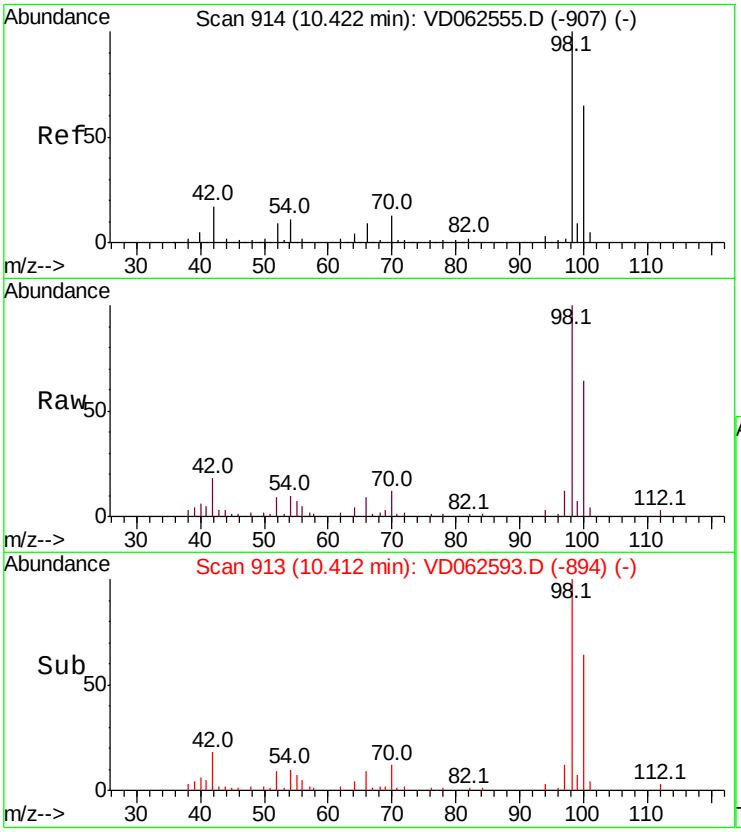


#39
Methylcyclohexane
Concen: 3.010 ug/l
RT: 8.87 min Scan# 756
Delta R.T. -0.01 min
Lab File: VD062593.D
Acq: 3 Jun 2019 18:40

Tgt Ion: 83 Resp: 8768

Ion	Ratio	Lower	Upper
83	100		
55	68.1	78.7	118.1#
98	32.0	37.2	55.8#

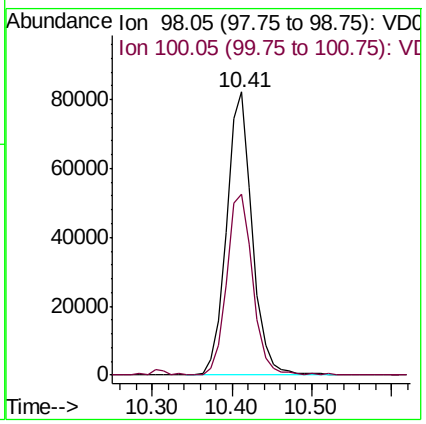




#50
Toluene-d8
Concen: 26.810 ug/l
RT: 10.41 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD062593.D
Acq: 3 Jun 2019 18:40

Tgt Ion: 98 Resp: 185009

Ion	Ratio	Lower	Upper
98	100		
100	64.1	52.3	78.5



Instrument :
MSVOA_D
ClientSampleId :
51419

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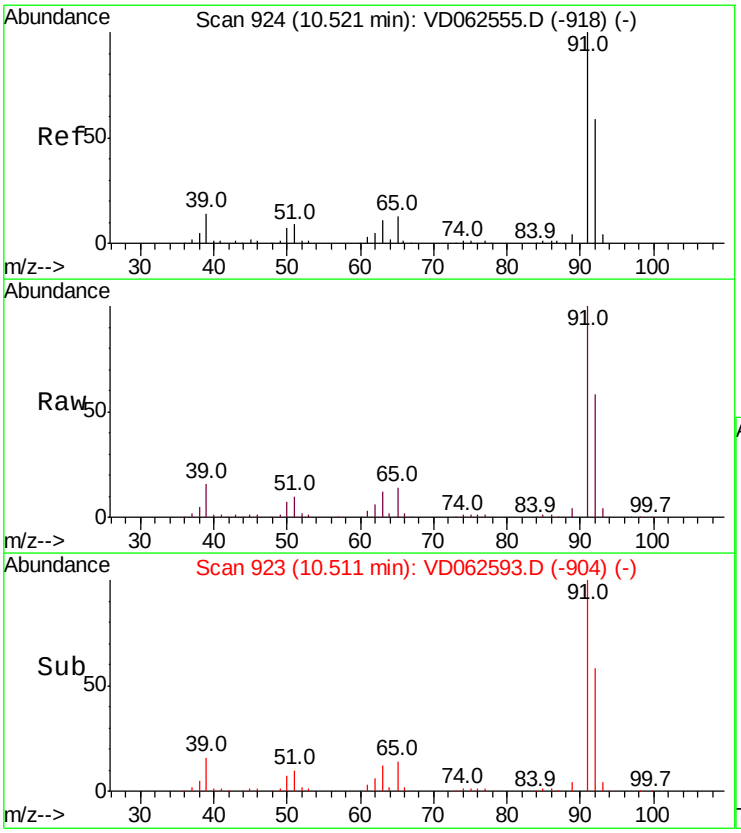
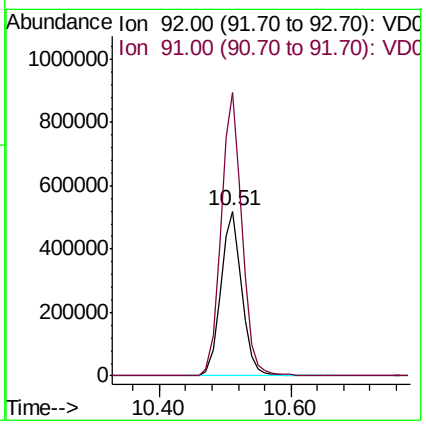
MMDadoda
6/6/2019 8:48:16 AM

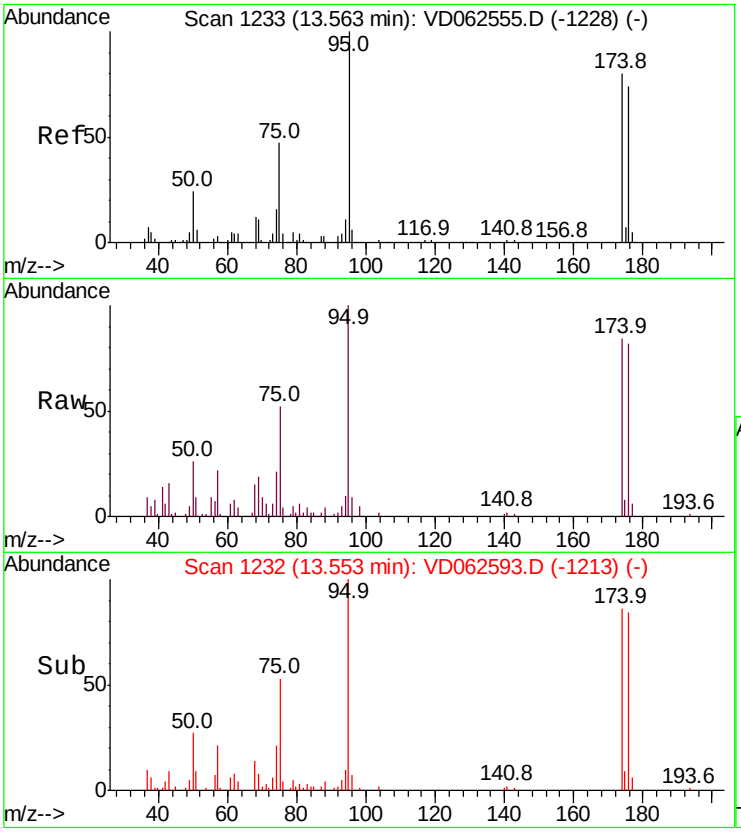


#52
Toluene
Concen: 250.463 ug/l
RT: 10.51 min Scan# 923
Delta R.T. -0.01 min
Lab File: VD062593.D
Acq: 3 Jun 2019 18:40

Tgt Ion: 92 Resp: 1153529

Ion	Ratio	Lower	Upper
92	100		
91	171.7	135.5	203.3

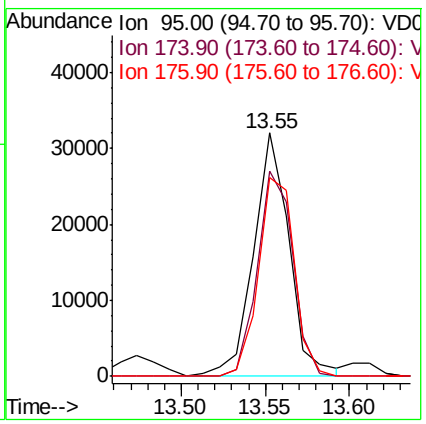




#62
4-Bromofluorobenzene
Concen: 15.062 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.01 min
Lab File: VD062593.D
Acq: 3 Jun 2019 18:40

Tgt Ion: 95 Resp: 46873

Ion	Ratio	Lower	Upper
95	100		
174	84.2	0.0	160.2
176	81.5	0.0	148.0



Instrument :
MSVOA_D
ClientSampleId :
51419

Manual Integrations APPROVED
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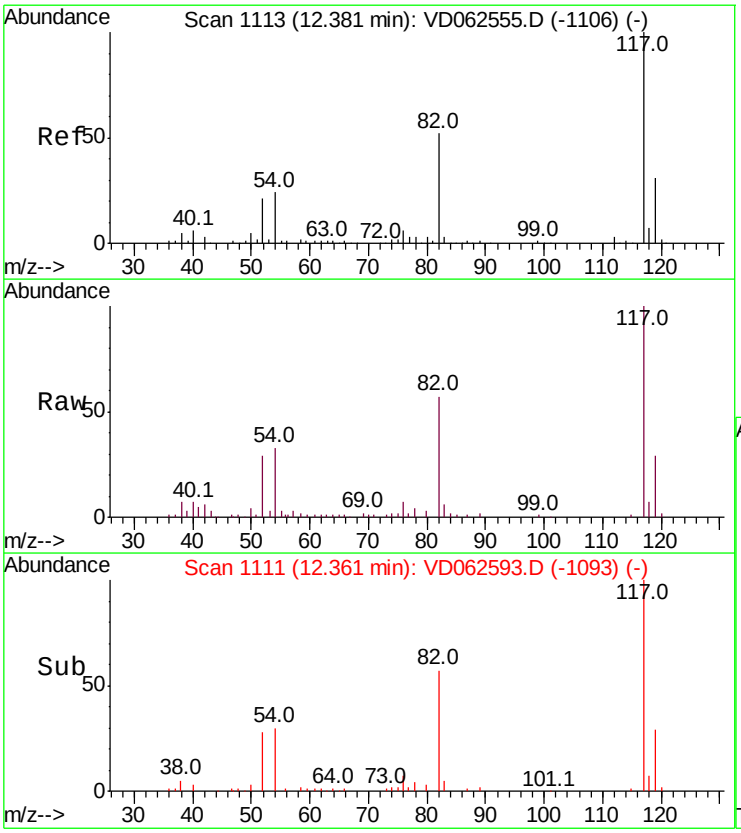
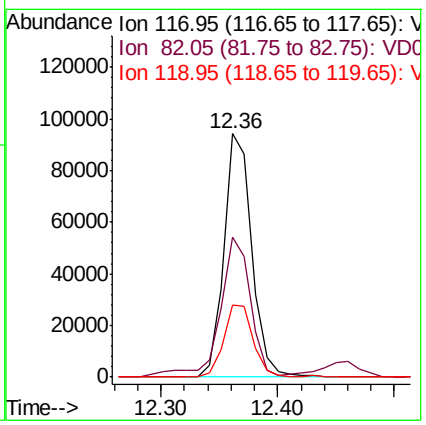
6/6/2019 8:48:16 AM

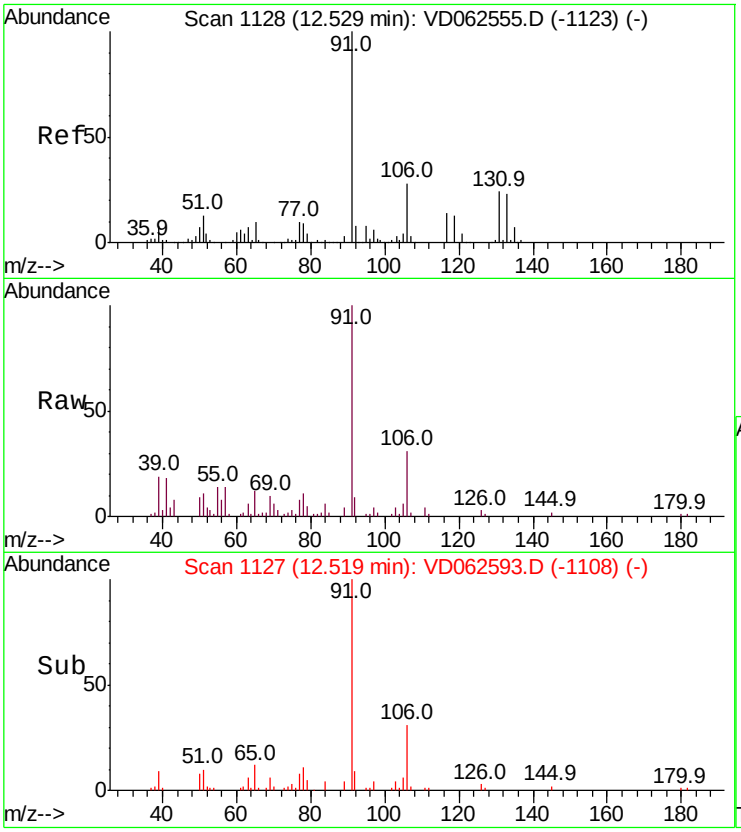


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.02 min
Lab File: VD062593.D
Acq: 3 Jun 2019 18:40

Tgt Ion:117 Resp: 155634

Ion	Ratio	Lower	Upper
117	100		
82	57.5	41.4	62.2
119	29.5	24.9	37.3





#67
Ethyl Benzene
Concen: 15.620 ug/l
RT: 12.52 min Scan# 1127
Delta R.T. -0.01 min
Lab File: VD062593.D
Acq: 3 Jun 2019 18:40

Tgt Ion: 91 Resp: 86766

Ion	Ratio	Lower	Upper
91	100		
106	31.1	22.2	33.2

Instrument :
MSVOA_D
ClientSampleId :
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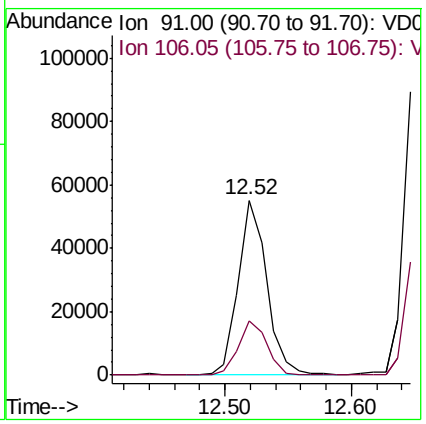
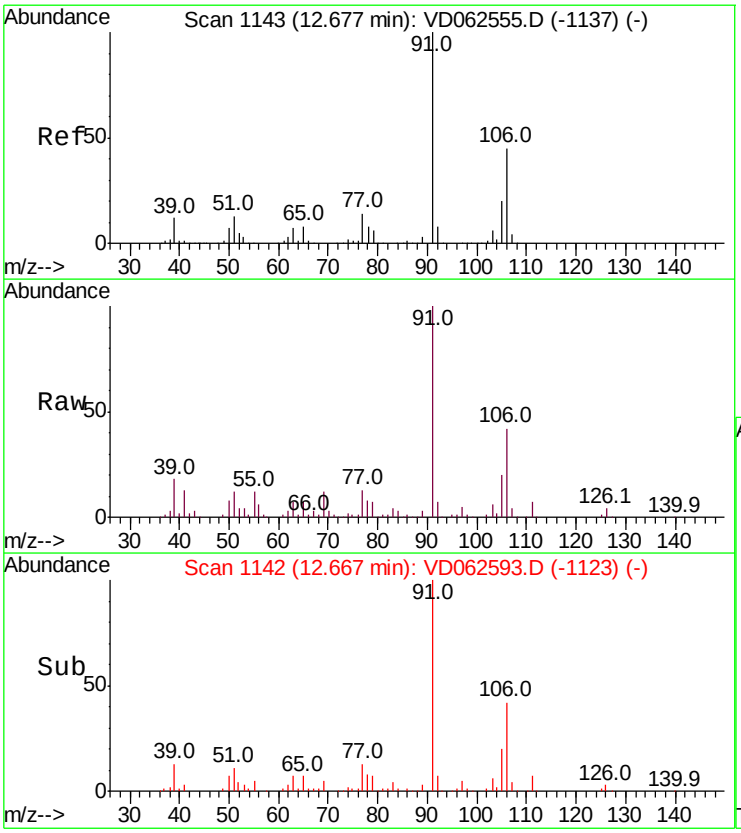
MMDadoda
6/6/2019 8:48:16 AM

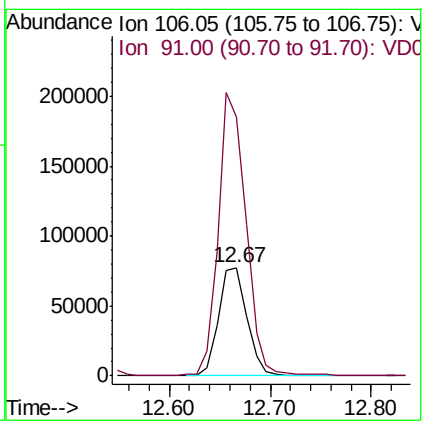


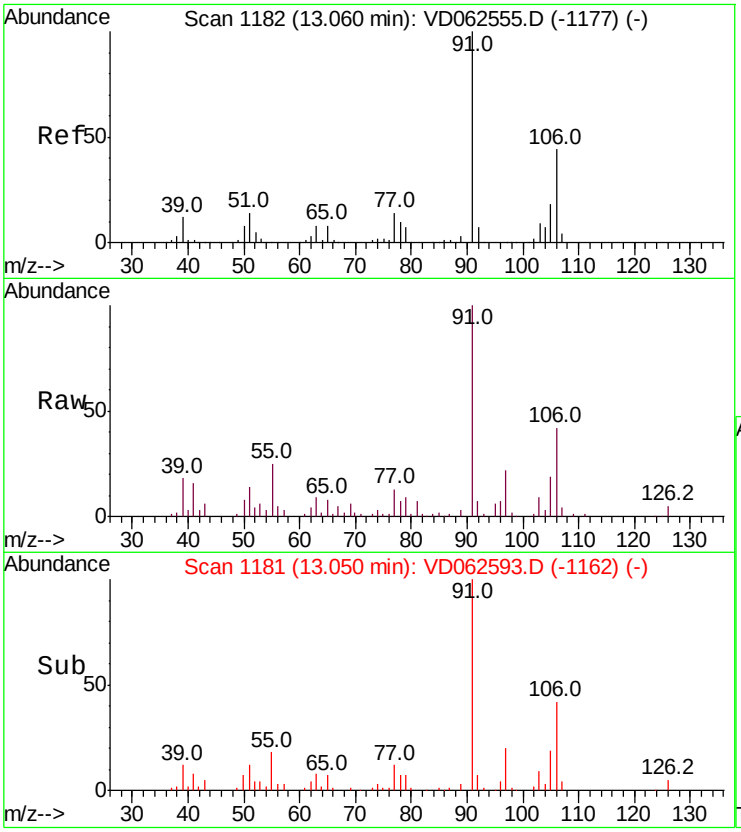


#68
m/p-Xylenes
Concen: 79.131 ug/l
RT: 12.67 min Scan# 1142
Delta R.T. -0.01 min
Lab File: VD062593.D
Acq: 3 Jun 2019 18:40

Tgt Ion:106 Resp: 152061

Ion	Ratio	Lower	Upper
106	100		
91	239.0	178.9	268.3

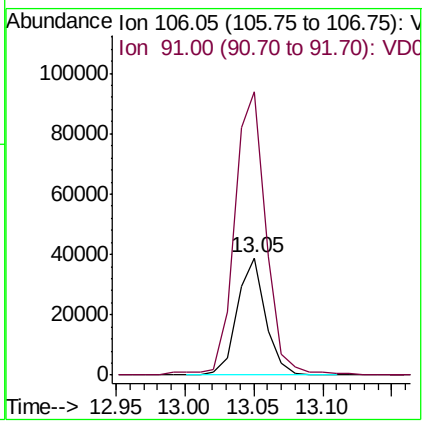




#69
o-Xylene
Concen: 30.465 ug/l
RT: 13.05 min Scan# 1181
Delta R.T. -0.01 min
Lab File: VD062593.D
Acq: 3 Jun 2019 18:40

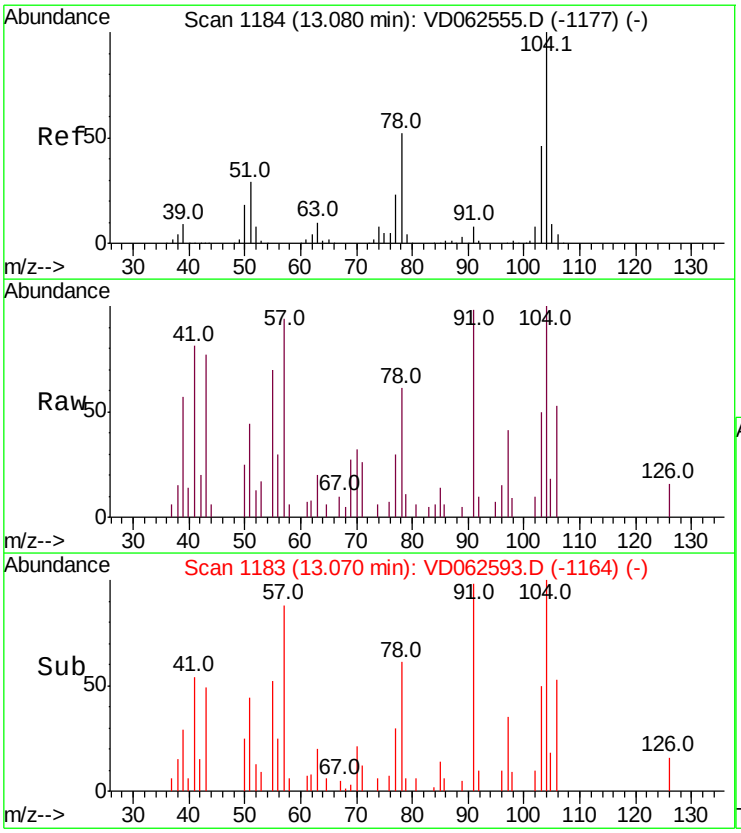
Tgt Ion:106 Resp: 55846

Ion	Ratio	Lower	Upper
106	100		
91	240.7	113.9	341.8



Instrument :
MSVOA_D
ClientSampleId :
51419

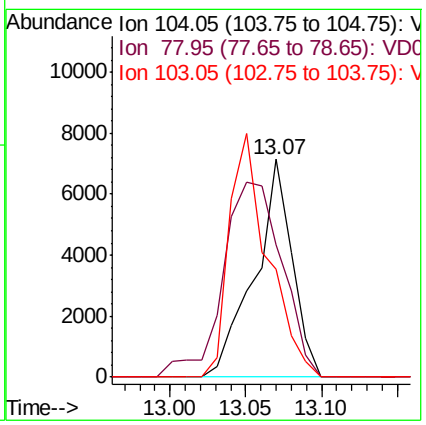
Manual Integrations APPROVED
MMDadoda
6/6/2019 8:48:16 AM

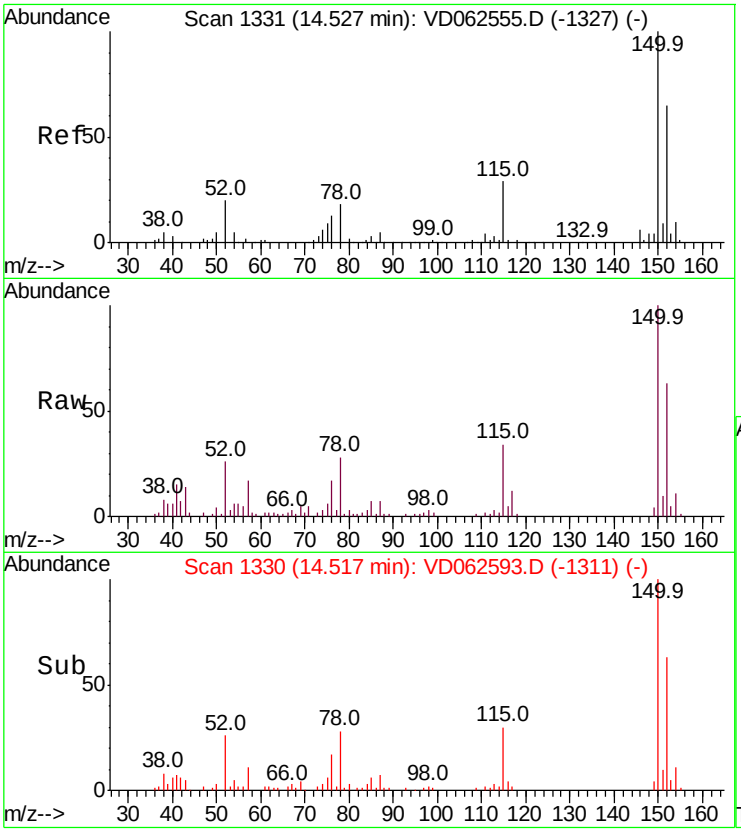


#70
Styrene
Concen: 3.973 ug/l
RT: 13.07 min Scan# 1183
Delta R.T. -0.01 min
Lab File: VD062593.D
Acq: 3 Jun 2019 18:40

Tgt Ion:104 Resp: 12367

Ion	Ratio	Lower	Upper
104	100		
78	60.8	41.5	62.3
103	49.7	36.6	55.0

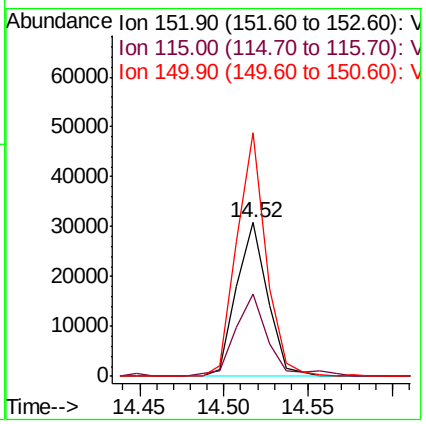




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.01 min
Lab File: VD062593.D
Acq: 3 Jun 2019 18:40

Tgt Ion:152 Resp: 39556

Ion	Ratio	Lower	Upper
152	100		
115	53.7	28.4	85.3
150	158.6	0.0	310.4



Instrument :
MSVOA_D
ClientSampleId :
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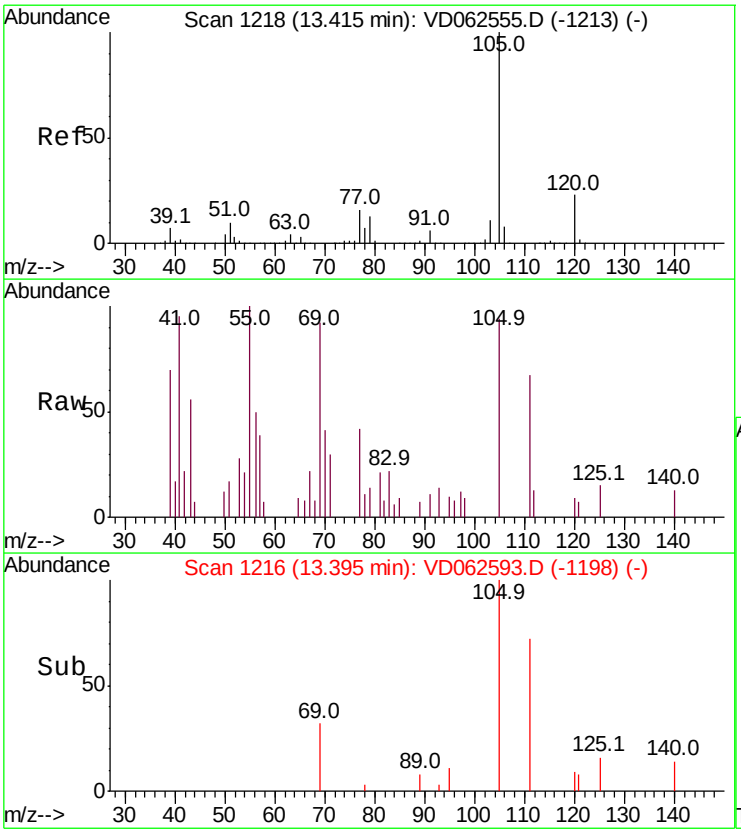
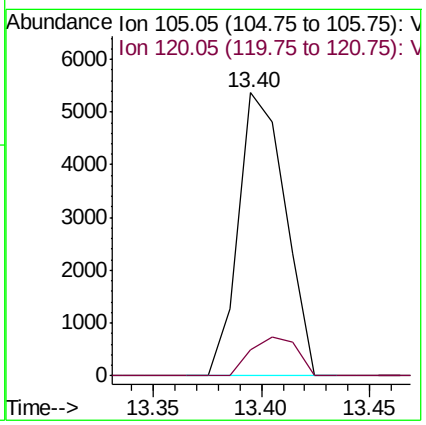
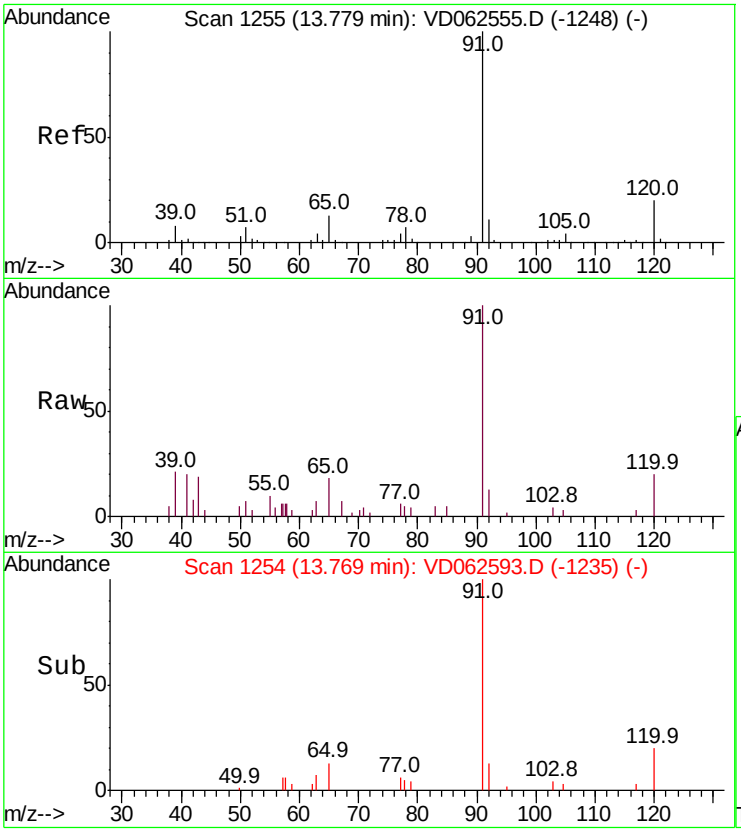


#73
Isopropylbenzene
Concen: 3.119 ug/l
RT: 13.40 min Scan# 1216
Delta R.T. -0.02 min
Lab File: VD062593.D
Acq: 3 Jun 2019 18:40

Tgt Ion:105 Resp: 8134

Ion	Ratio	Lower	Upper
105	100		
120	9.3	11.6	34.8#





#78
n-propylbenzene
Concen: 6.099 ug/l
RT: 13.77 min Scan# 1254
Delta R.T. -0.01 min
Lab File: VD062593.D
Acq: 3 Jun 2019 18:40

Tgt Ion: 91 Resp: 18332

Ion	Ratio	Lower	Upper
91	100		
120	20.0	10.0	29.8

Instrument :
MSVOA_D
ClientSampleId :
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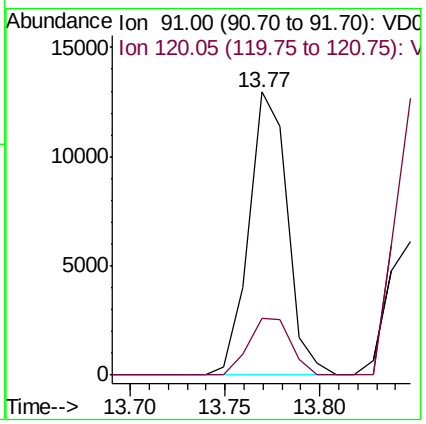
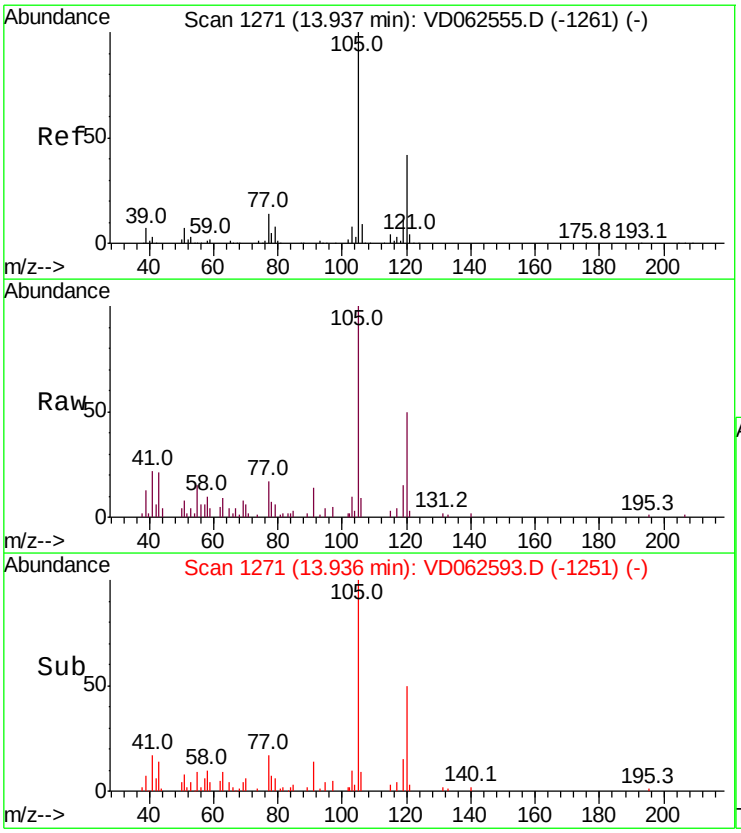
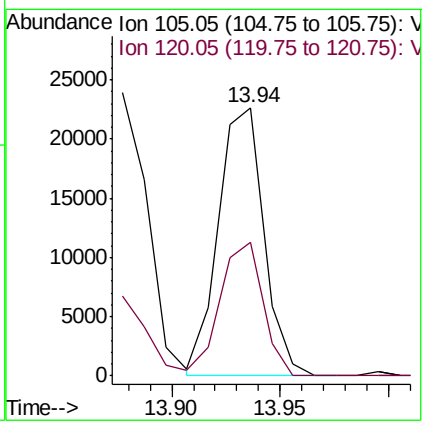


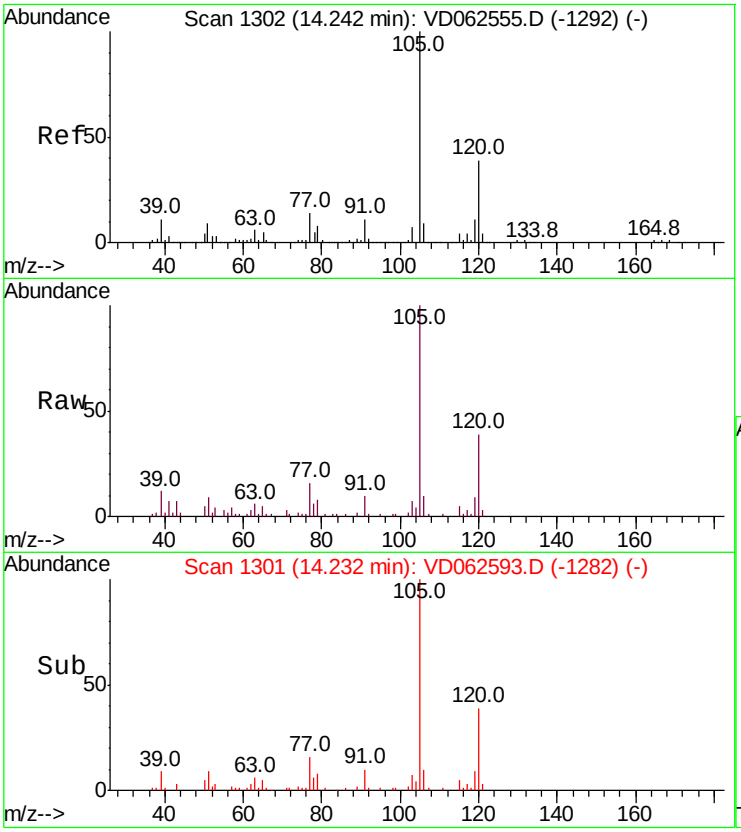


#80
1,3,5-Trimethylbenzene
Concen: 15.013 ug/l
RT: 13.94 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VD062593.D
Acq: 3 Jun 2019 18:40

Tgt Ion:105 Resp: 33455

Ion	Ratio	Lower	Upper
105	100		
120	49.7	20.8	62.5

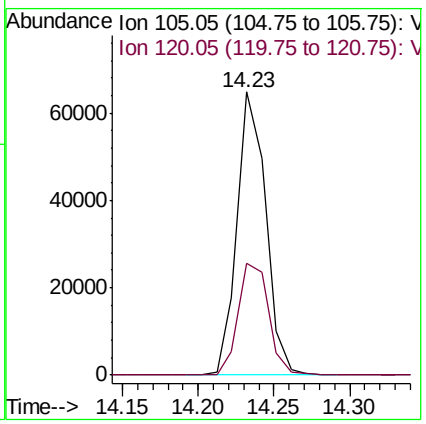




#84
1,2,4-Trimethylbenzene
Concen: 37.522 ug/l
RT: 14.23 min Scan# 1301
Delta R.T. -0.01 min
Lab File: VD062593.D
Acq: 3 Jun 2019 18:40

Tgt Ion:105 Resp: 85199

Ion	Ratio	Lower	Upper
105	100		
120	39.5	19.6	58.8



Instrument :
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ClientSampleId :
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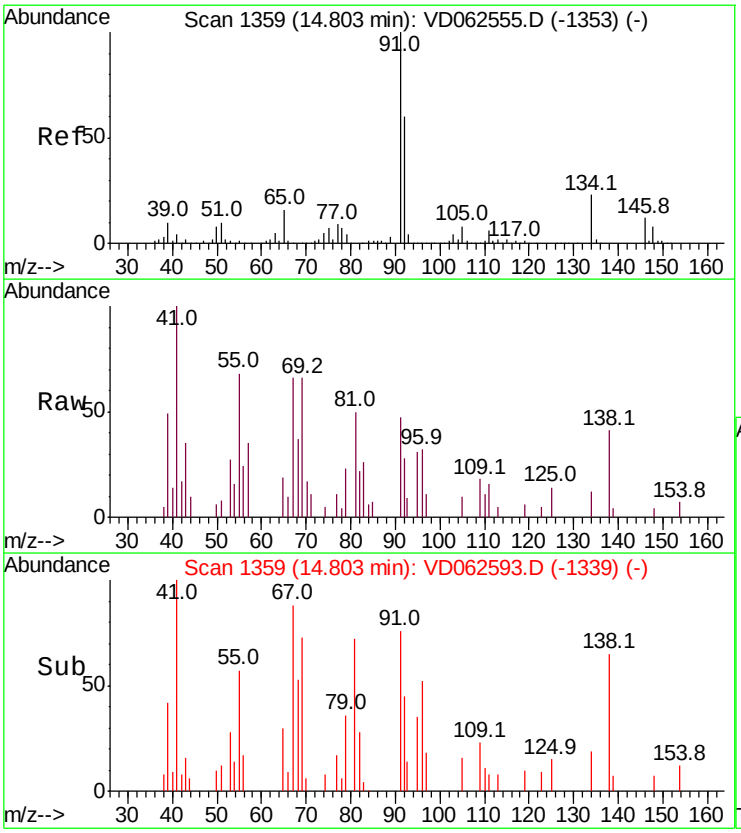
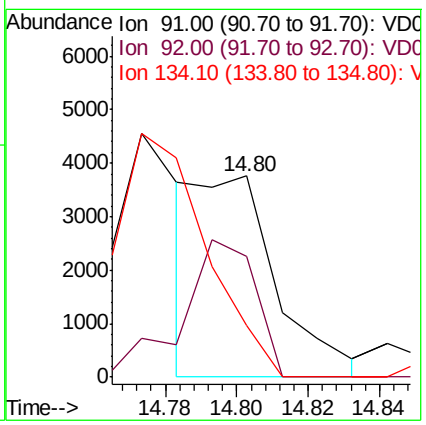
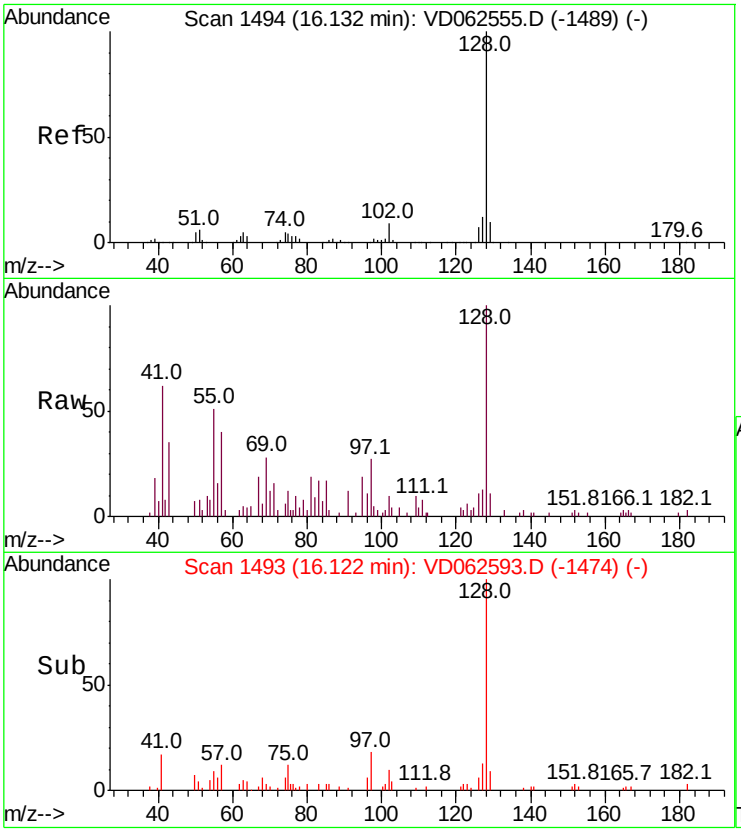


#89
n-Butylbenzene
Concen: 2.586 ug/l m
RT: 14.80 min Scan# 1359
Delta R.T. -0.00 min
Lab File: VD062593.D
Acq: 3 Jun 2019 18:40

Tgt Ion: 91 Resp: 5680

Ion	Ratio	Lower	Upper
91	100		
92	59.9	29.8	89.4
134	25.5	11.3	33.8

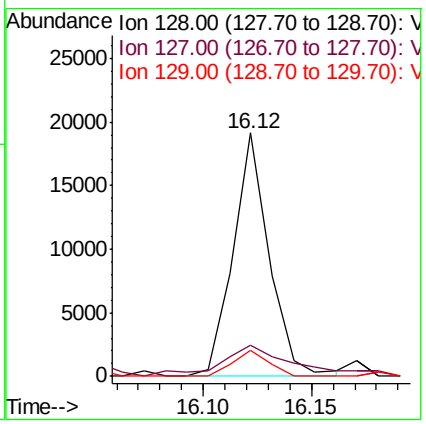




#95
Naphthalene
Concen: 19.636 ug/l
RT: 16.12 min Scan# 1493
Delta R.T. -0.01 min
Lab File: VD062593.D
Acq: 3 Jun 2019 18:40

Tgt Ion:128 Resp: 22294

Ion	Ratio	Lower	Upper
128	100		
127	12.6	9.7	14.5
129	10.8	8.2	12.2



Instrument :
MSVOA_D
ClientSampleId :
51419

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