Quantitation Report (LSC Reviewed)

Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080618\
Data File : VU025912.D
Acq On : 07 Aug 2018 02:17
Operator : MD/SY
Sample : J4263-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : FL-0517

Manual Integrations APPROVED
MMDadoda
8/20/2018 5:45:35 PM

Quant Time: Aug 08 04:08:09 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 07 00:49:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	191227	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	303806	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	296882	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	195172	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	147108	49.37	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.74%			
35) Dibromofluoromethane	4.89	113	124063	46.95	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.90%			
50) Toluene-d8	7.57	98	452000	48.88	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.76%			
62) 4-Bromofluorobenzene	10.31	95	174217	48.54	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.08%			
Target Compounds						Qvalue
31) Cyclohexane	5.00	56	288992	76.843	ug/l	98
39) Methylcyclohexane	6.42	83	313923	77.168	ug/l	98
40) Benzene	5.40	78	16938	1.632	ug/l	100
67) Ethyl Benzene	9.25	91	866270	68.324	ug/l	99
68) m/p-Xylenes	9.38	106	1109675	227.968	ug/l	99
69) o-Xylene	9.78	106	104213	21.906	ug/l	98
73) Isopropylbenzene	10.17	105	91151	6.843	ug/l	99
78) n-propylbenzene	10.59	91	101599	6.535	ug/l	100
80) 1,3,5-Trimethylbenzene	10.78	105	759315	67.118	ug/l	99
83) tert-Butylbenzene	11.10	119	6129m	0.545	ug/l	
84) 1,2,4-Trimethylbenzene	11.15	105	2829337	246.797	ug/l	98
85) sec-Butylbenzene	11.33	105	21014m	1.531	ug/l	
86) p-Isopropyltoluene	11.48	119	84645	6.888	ug/l	100
95) Naphthalene	13.74	128	446976	31.322	ug/l	98

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

Quantitation Report (LSC Reviewed)

Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080618\
Data File : VU025912.D
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Instrument :
MSVOA_U
ClientSampleId :
FL-0517

Manual Integrations APPROVED
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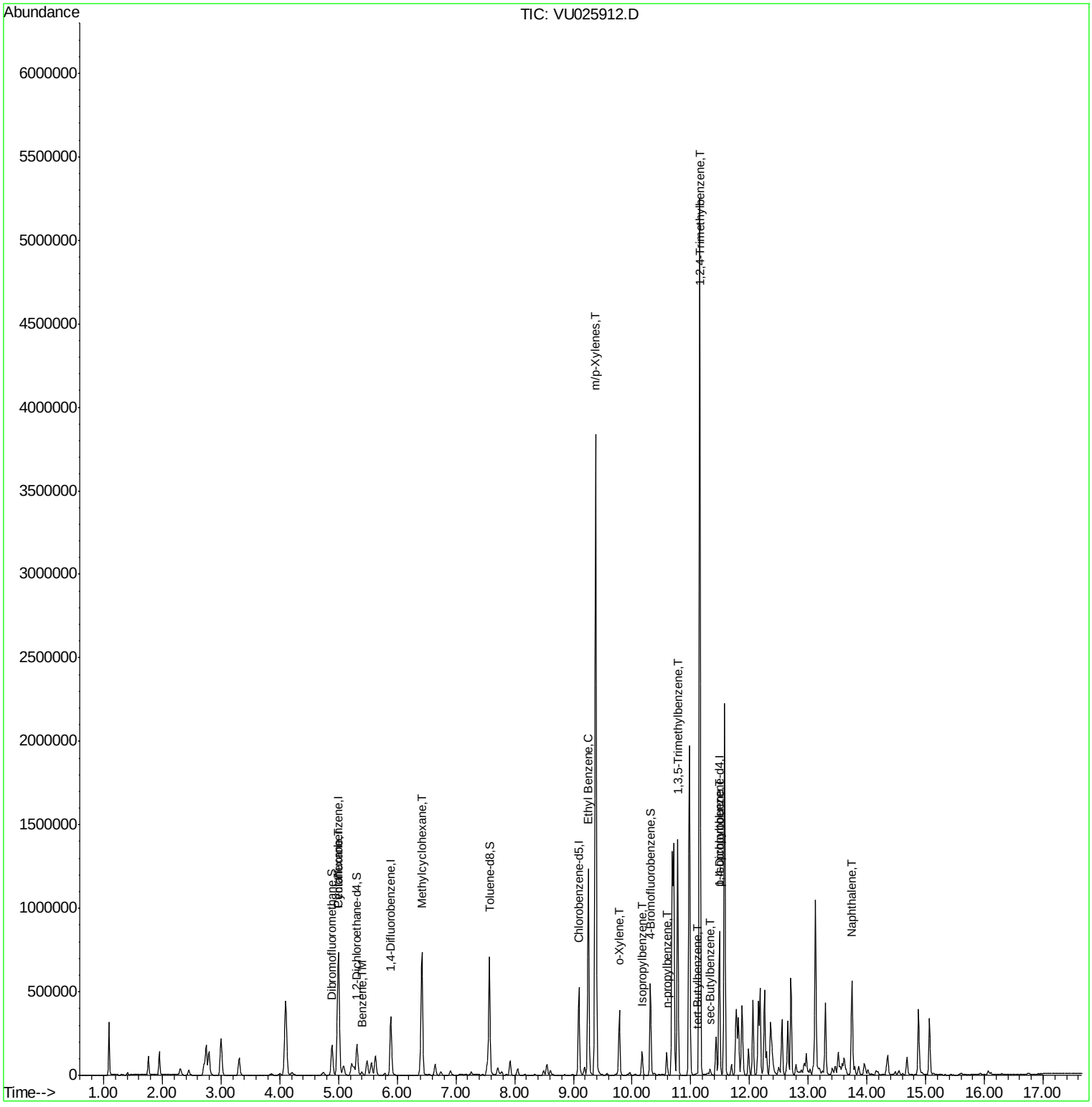
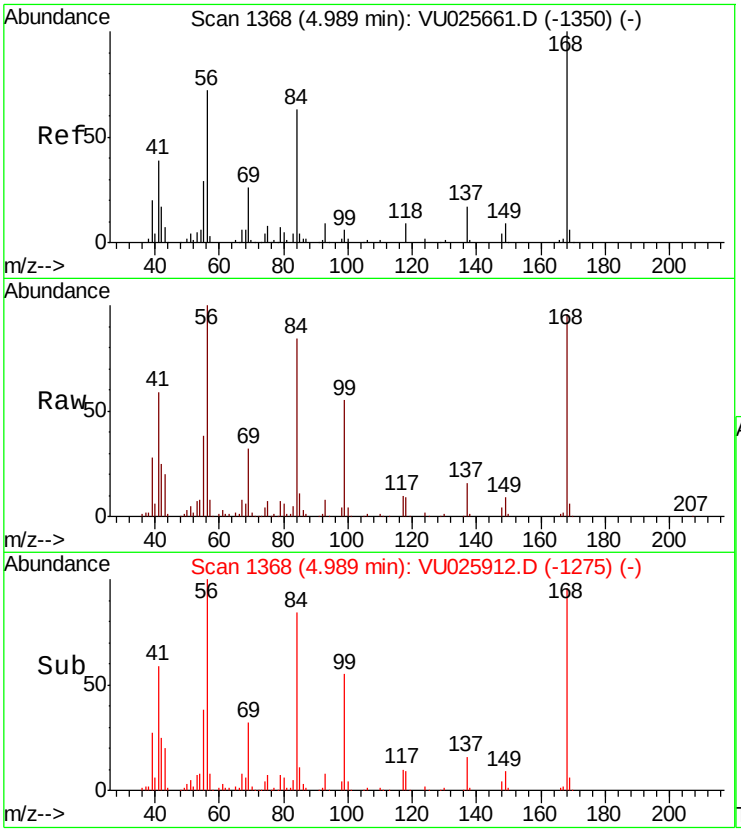
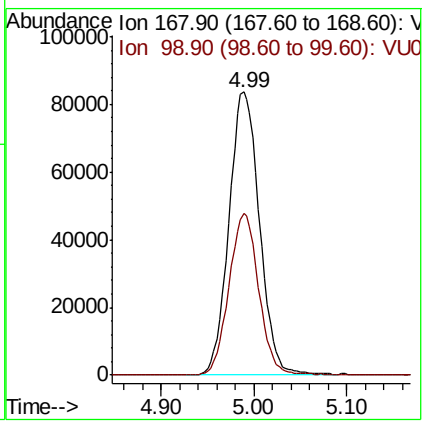




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.99 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VU025912.D
Acq: 07 Aug 2018 02:17

Tgt Ion:168 Resp: 191227

Ion	Ratio	Lower	Upper
168	100		
99	57.1	42.8	64.2



Instrument :
MSVOA_U
ClientSampleId :
FL-0517

Manual Integrations APPROVED
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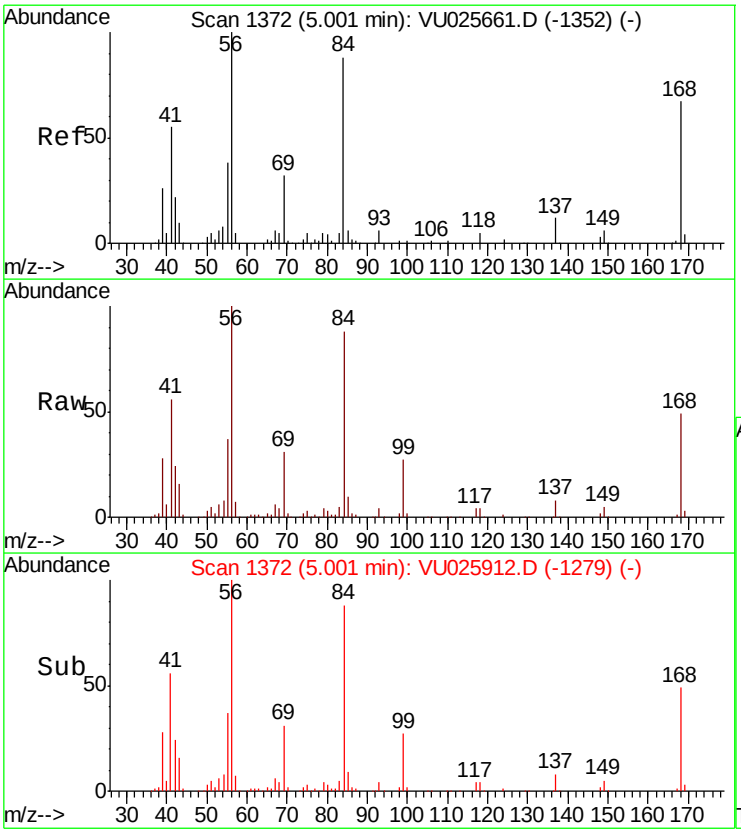
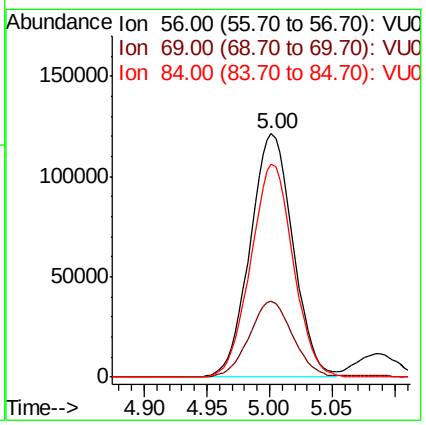
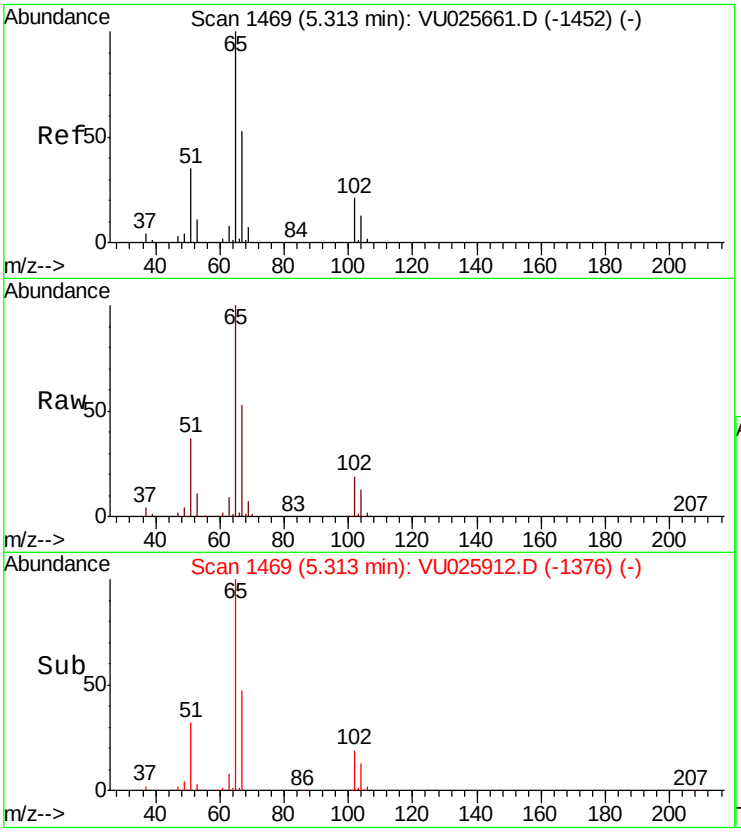


#31
Cyclohexane
Concen: 76.843 ug/l
RT: 5.00 min Scan# 1372
Delta R.T. 0.00 min
Lab File: VU025912.D
Acq: 07 Aug 2018 02:17

Tgt Ion: 56 Resp: 288992

Ion	Ratio	Lower	Upper
56	100		
69	31.0	26.8	40.2
84	87.6	69.7	104.5

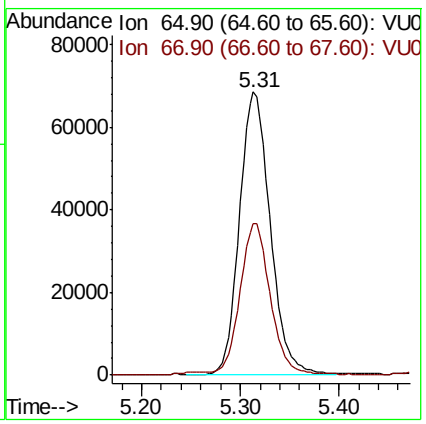




#33
1,2-Dichloroethane-d4
Concen: 49.373 ug/l
RT: 5.31 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VU025912.D
Acq: 07 Aug 2018 02:17

Tgt Ion: 65 Resp: 147108

Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	103.6



Instrument :
MSVOA_U
ClientSampleId :
FL-0517

Manual Integrations APPROVED
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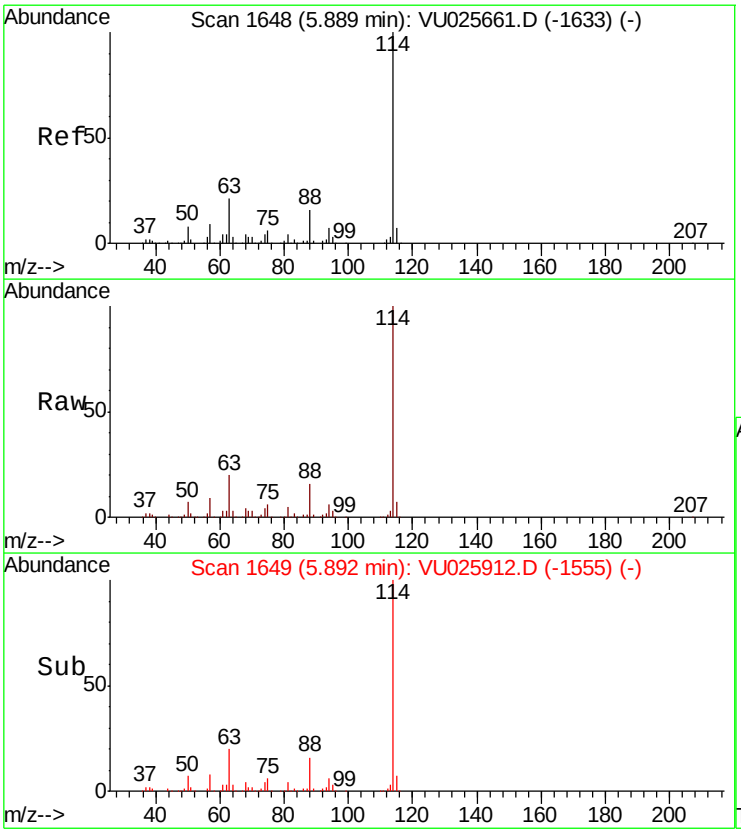
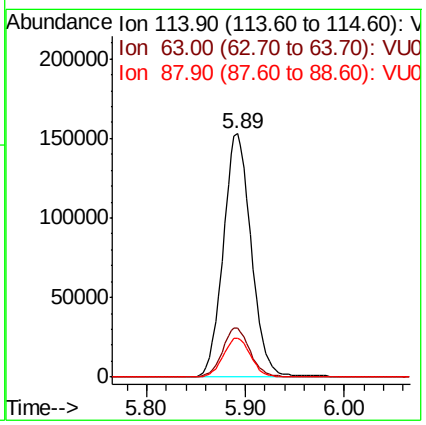
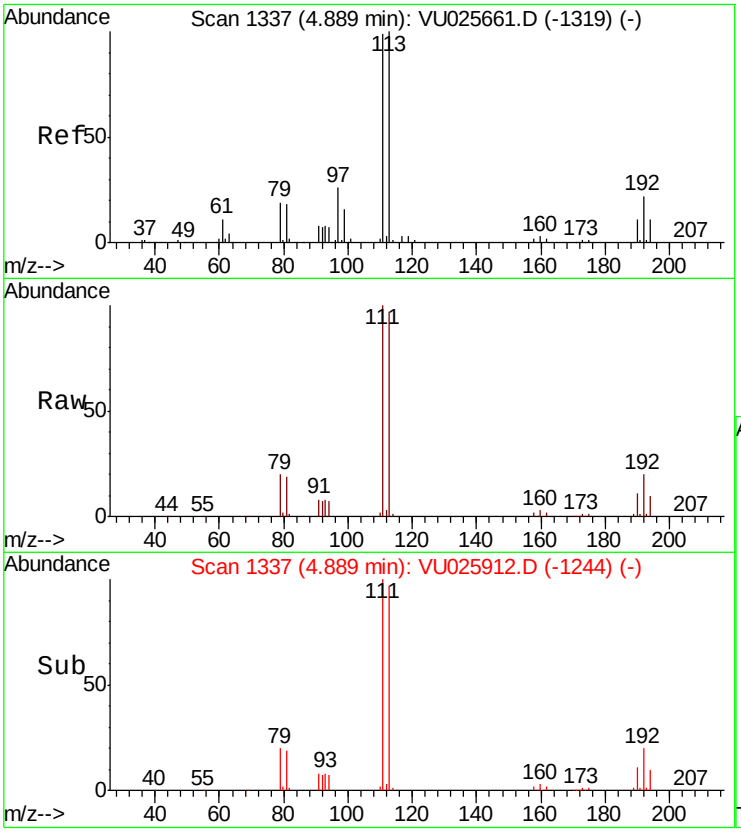


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.89 min Scan# 1649
Delta R.T. 0.00 min
Lab File: VU025912.D
Acq: 07 Aug 2018 02:17

Tgt Ion:114 Resp: 303806

Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	41.6
88	16.1	0.0	32.4

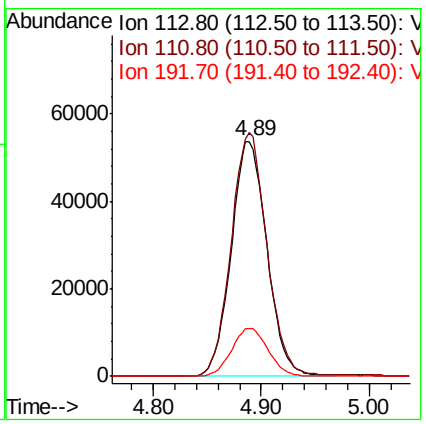




#35
Dibromofluoromethane
Concen: 46.952 ug/l
RT: 4.89 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VU025912.D
Acq: 07 Aug 2018 02:17

Tgt Ion:113 Resp: 124063

Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.7	122.5
192	20.9	17.1	25.7



Instrument :
MSVOA_U
ClientSampleId :
FL-0517

Manual Integrations APPROVED
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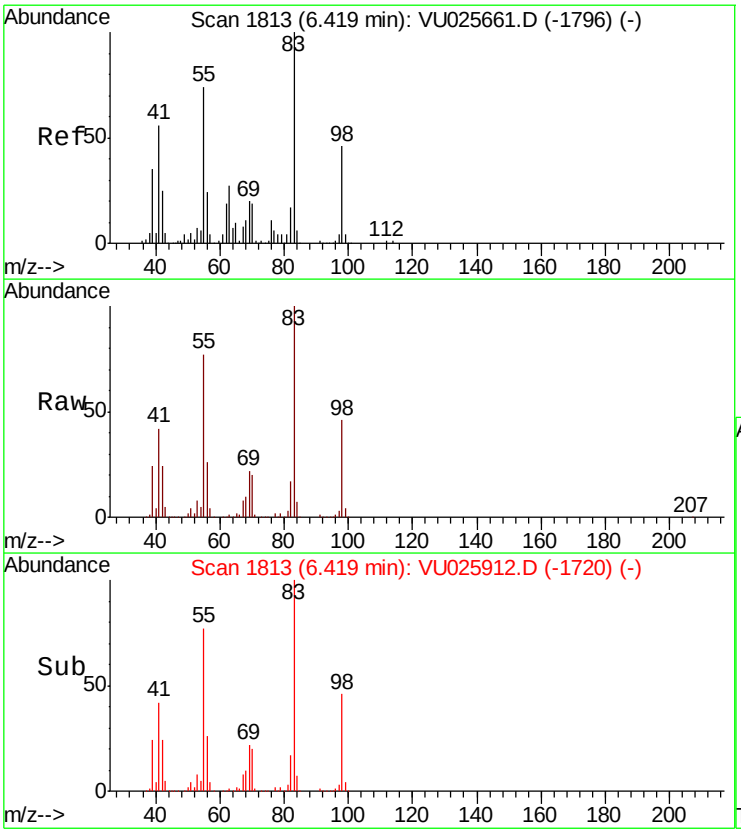
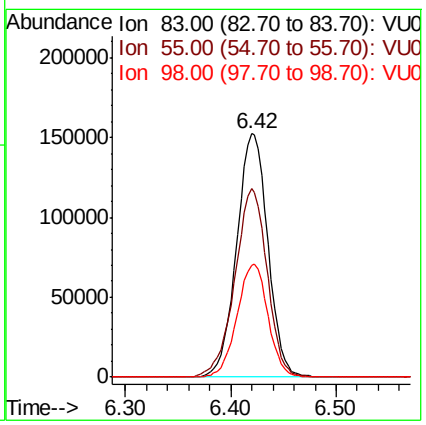
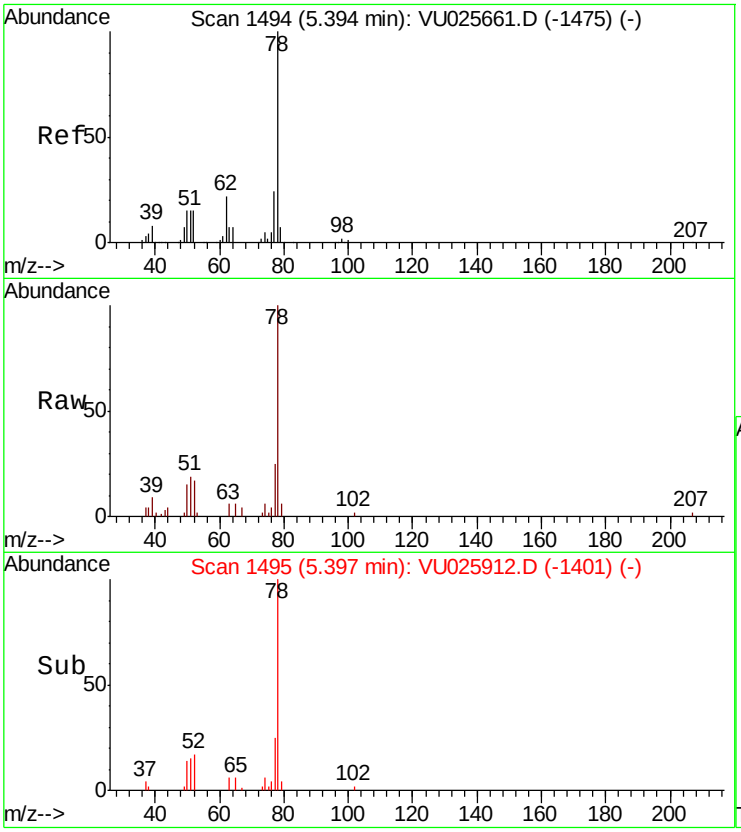


#39
Methylcyclohexane
Concen: 77.168 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VU025912.D
Acq: 07 Aug 2018 02:17

Tgt Ion: 83 Resp: 313923

Ion	Ratio	Lower	Upper
83	100		
55	77.2	60.0	90.0
98	45.8	36.1	54.1

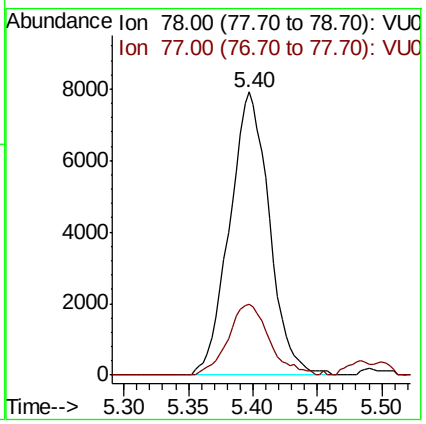




#40
Benzene
Concen: 1.632 ug/l
RT: 5.40 min Scan# 1495
Delta R.T. 0.00 min
Lab File: VU025912.D
Acq: 07 Aug 2018 02:17

Tgt Ion: 78 Resp: 16938

Ion	Ratio	Lower	Upper
78	100		
77	24.8	19.8	29.6



Instrument :
MSVOA_U
ClientSampleId :
FL-0517

Manual Integrations APPROVED
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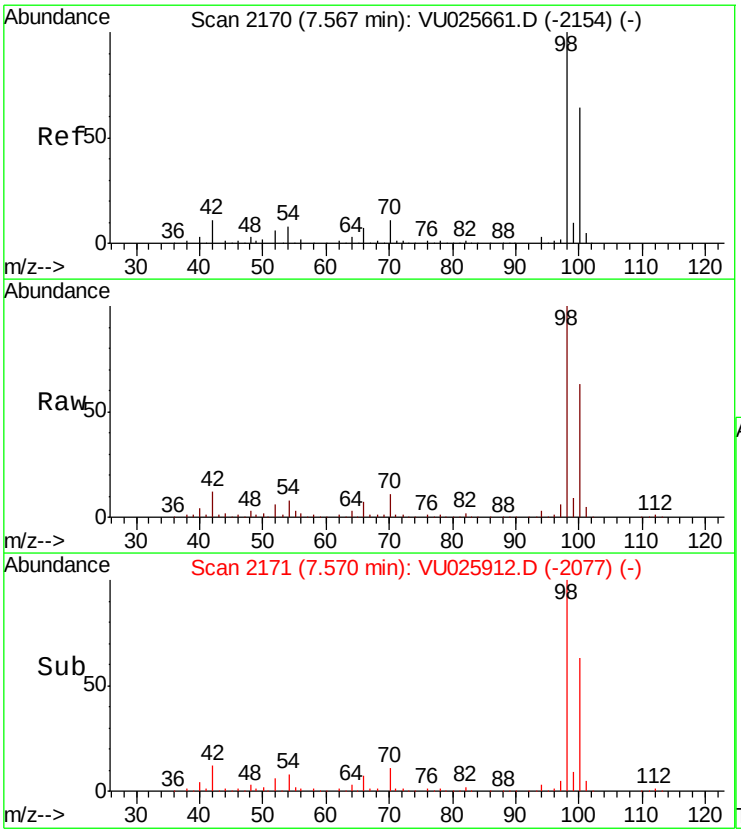
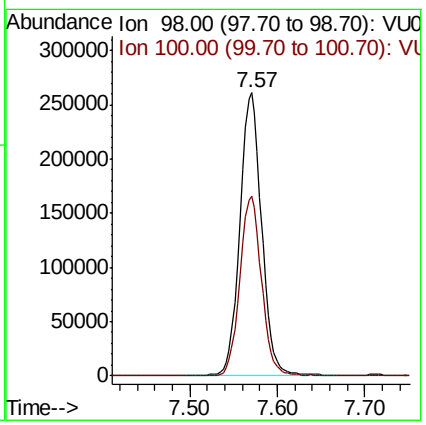
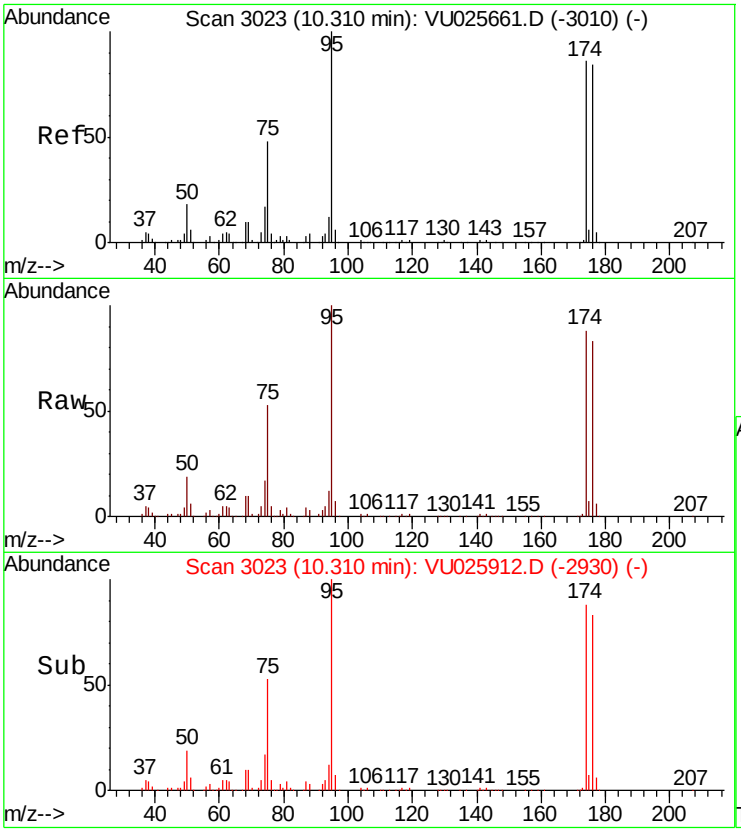


#50
Toluene-d8
Concen: 48.883 ug/l
RT: 7.57 min Scan# 2171
Delta R.T. 0.00 min
Lab File: VU025912.D
Acq: 07 Aug 2018 02:17

Tgt Ion: 98 Resp: 452000

Ion	Ratio	Lower	Upper
98	100		
100	62.9	51.1	76.7

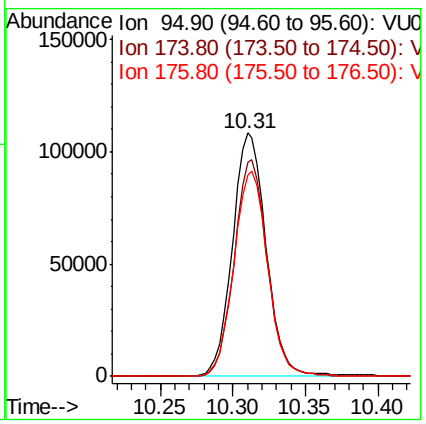




#62
4-Bromofluorobenzene
Concen: 48.542 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. 0.00 min
Lab File: VU025912.D
Acq: 07 Aug 2018 02:17

Tgt Ion: 95 Resp: 174217

Ion	Ratio	Lower	Upper
95	100		
174	87.7	0.0	172.2
176	85.2	0.0	162.6



Instrument :
MSVOA_U
ClientSampleId :
FL-0517

Manual Integrations APPROVED
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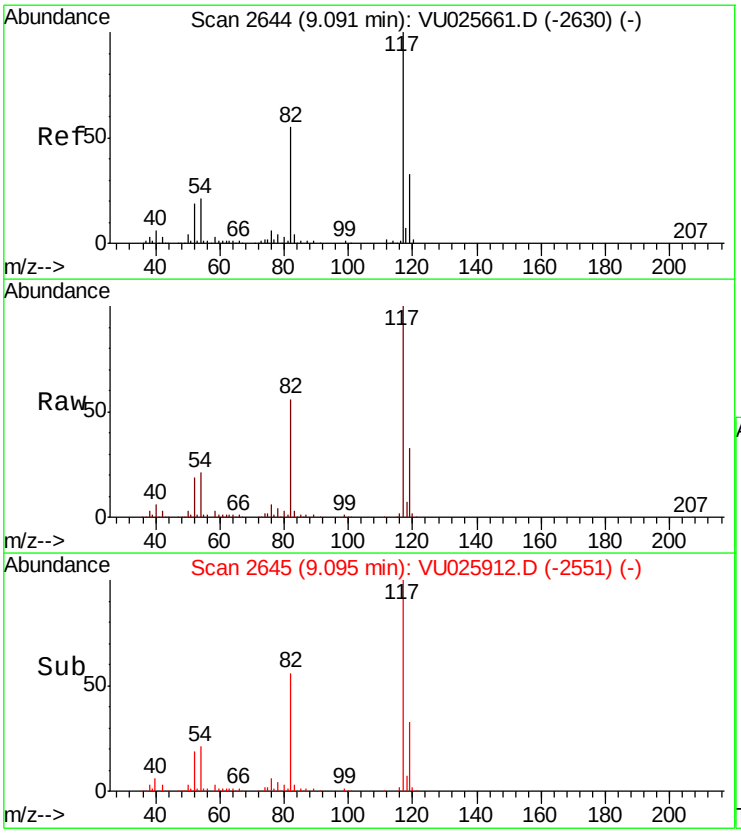
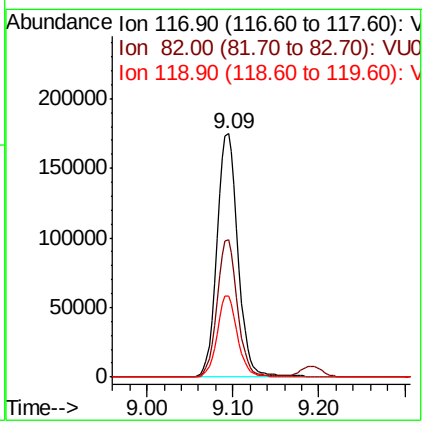
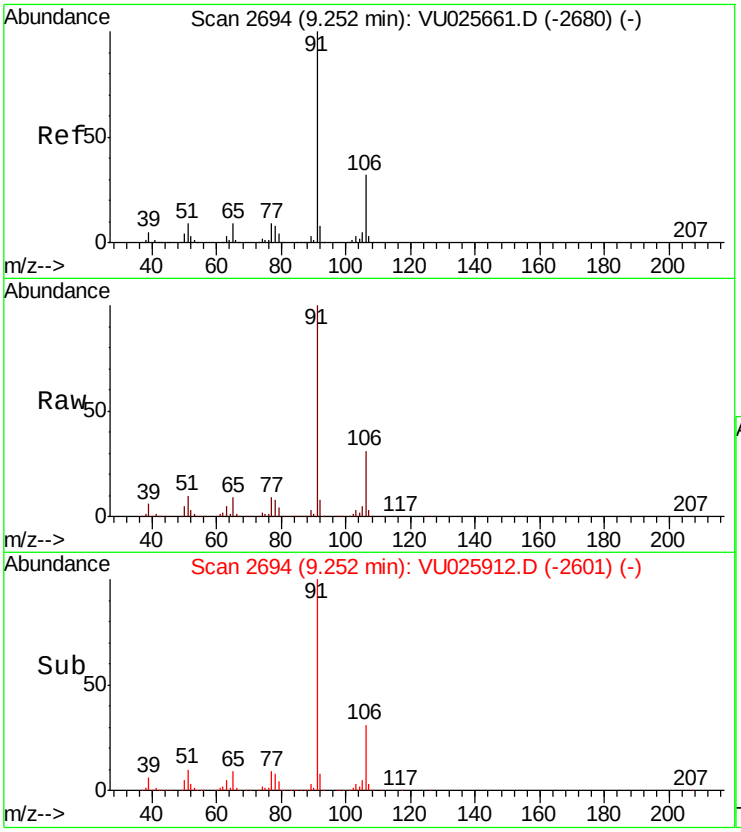


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU025912.D
Acq: 07 Aug 2018 02:17

Tgt Ion:117 Resp: 296882

Ion	Ratio	Lower	Upper
117	100		
82	56.3	46.0	69.0
119	33.1	26.0	39.0

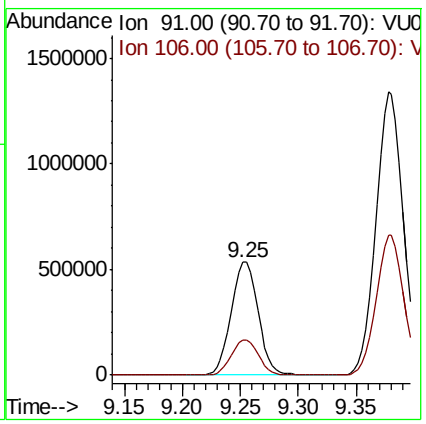




#67
Ethyl Benzene
Concen: 68.324 ug/l
RT: 9.25 min Scan# 2694
Delta R.T. 0.00 min
Lab File: VU025912.D
Acq: 07 Aug 2018 02:17

Tgt Ion: 91 Resp: 866270

Ion	Ratio	Lower	Upper
91	100		
106	31.1	25.3	37.9



Instrument :
MSVOA_U
ClientSampleId :
FL-0517

Manual Integrations APPROVED
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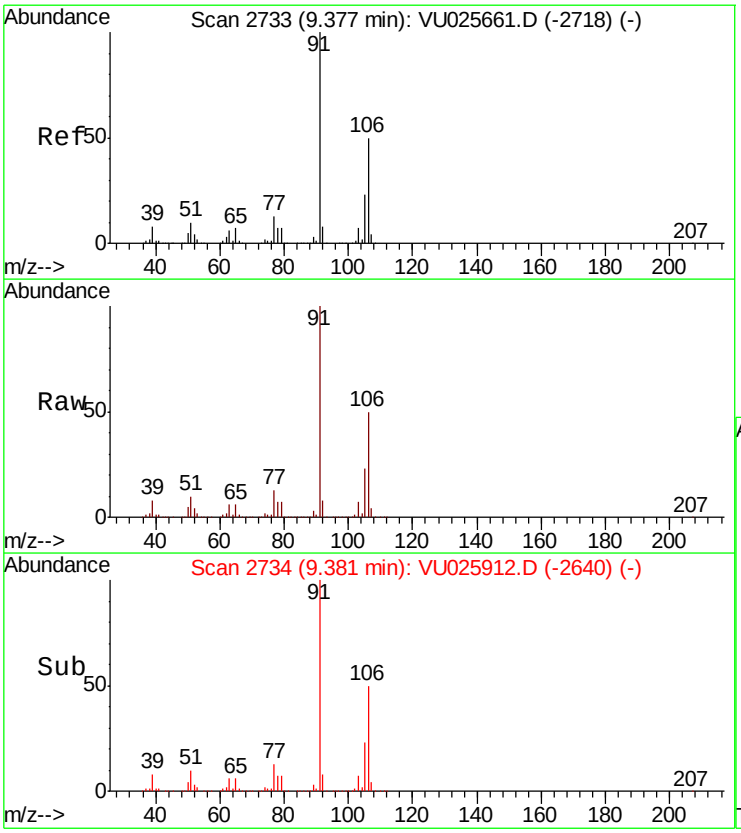
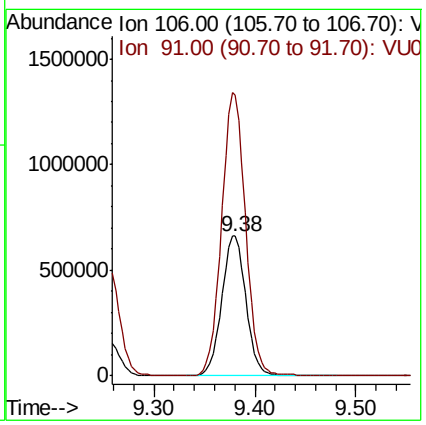
8/20/2018 5:45:35 PM

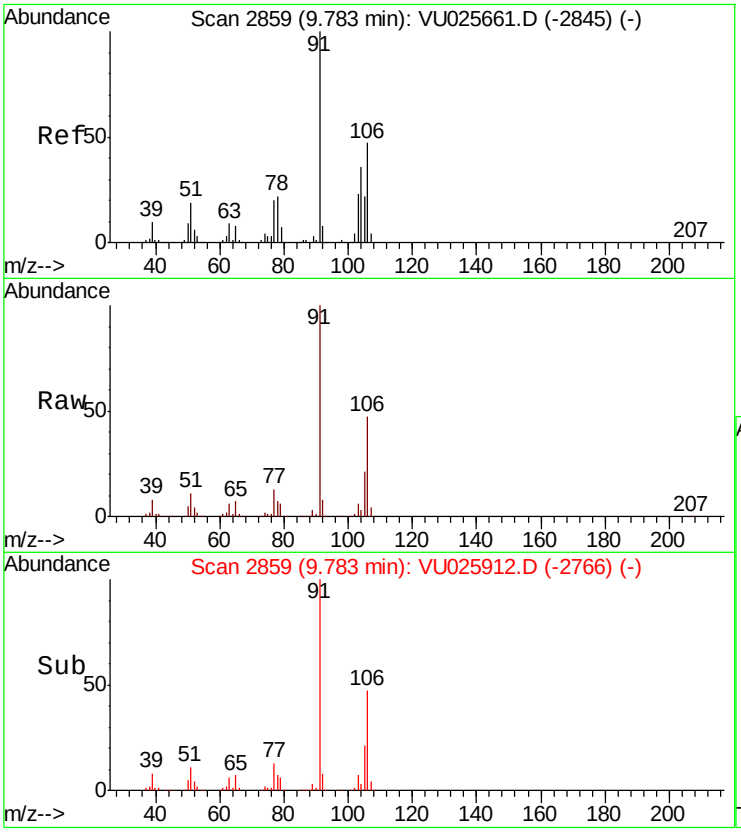


#68
m/p-Xylenes
Concen: 227.968 ug/l
RT: 9.38 min Scan# 2734
Delta R.T. 0.00 min
Lab File: VU025912.D
Acq: 07 Aug 2018 02:17

Tgt Ion:106 Resp: 1109675

Ion	Ratio	Lower	Upper
106	100		
91	200.9	162.3	243.5

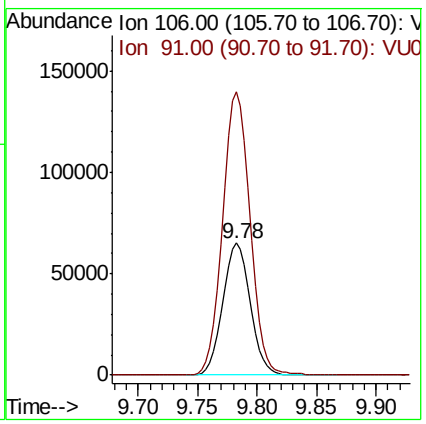




#69
o-Xylene
Concen: 21.906 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VU025912.D
Acq: 07 Aug 2018 02:17

Tgt Ion:106 Resp: 104213

Ion	Ratio	Lower	Upper
106	100		
91	214.2	105.3	315.8



Instrument :
MSVOA_U
ClientSampleId :
FL-0517

Manual Integrations APPROVED
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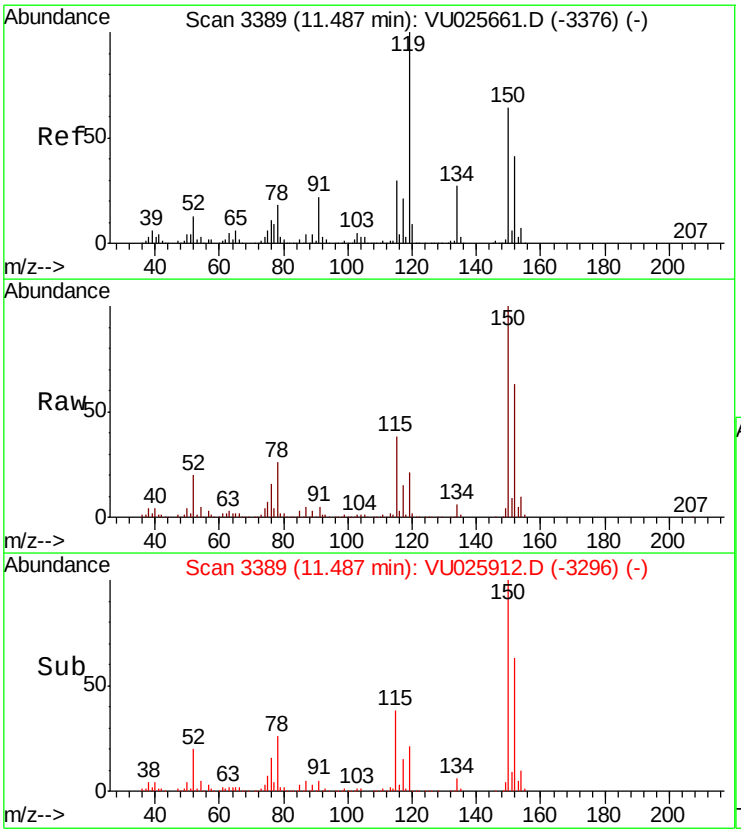
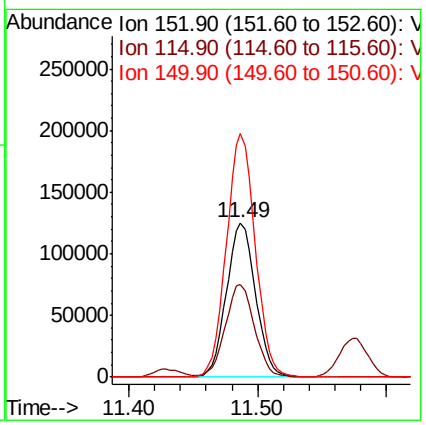
8/20/2018 5:45:35 PM

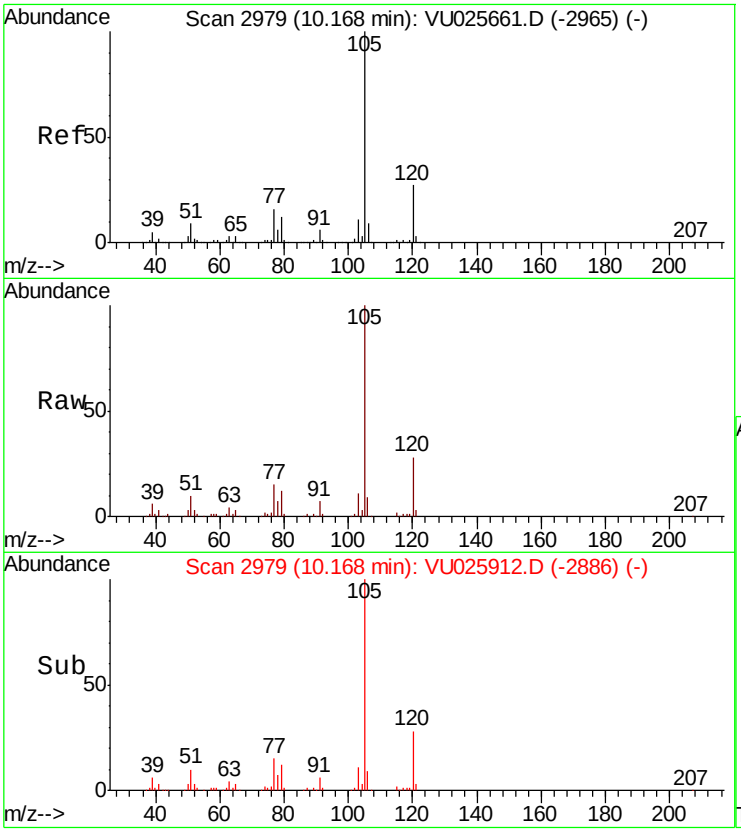


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.49 min Scan# 3389
Delta R.T. 0.00 min
Lab File: VU025912.D
Acq: 07 Aug 2018 02:17

Tgt Ion:152 Resp: 195172

Ion	Ratio	Lower	Upper
152	100		
115	60.3	40.1	120.3
150	156.9	0.0	351.4

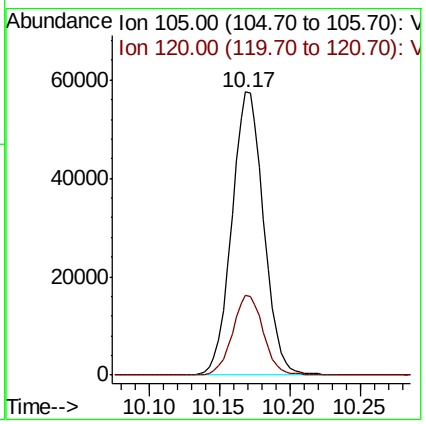




#73
Isopropylbenzene
Concen: 6.843 ug/l
RT: 10.17 min Scan# 2979
Delta R.T. 0.00 min
Lab File: VU025912.D
Acq: 07 Aug 2018 02:17

Tgt Ion:105 Resp: 91151

Ion	Ratio	Lower	Upper
105	100		
120	27.3	13.5	40.5



Instrument :
MSVOA_U
ClientSampleId :
FL-0517

Manual Integrations APPROVED
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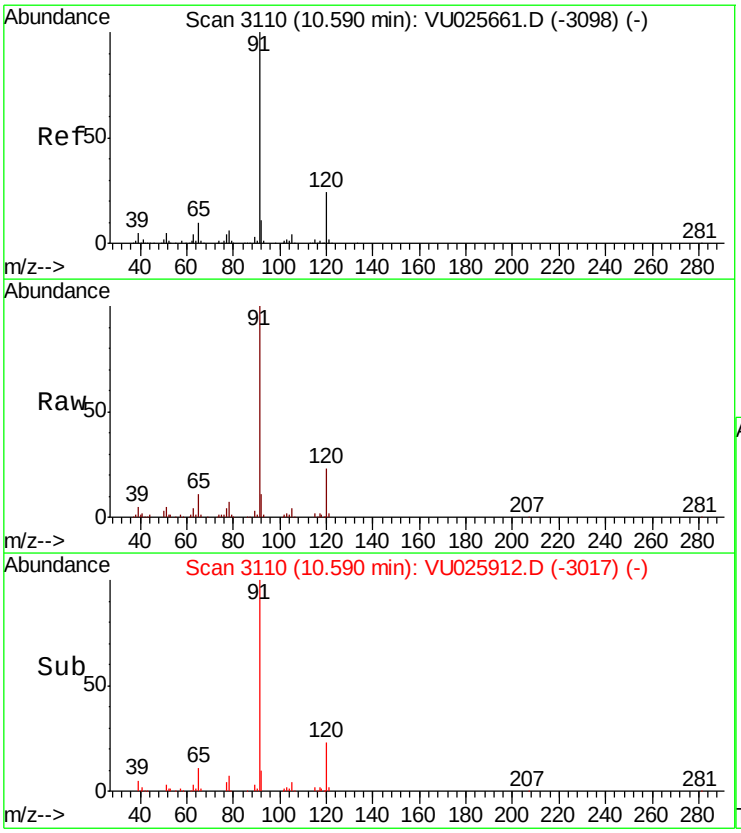
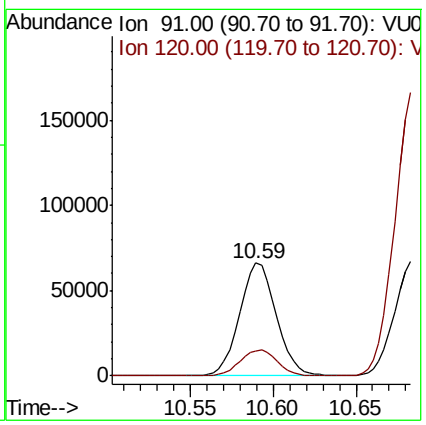
8/20/2018 5:45:35 PM

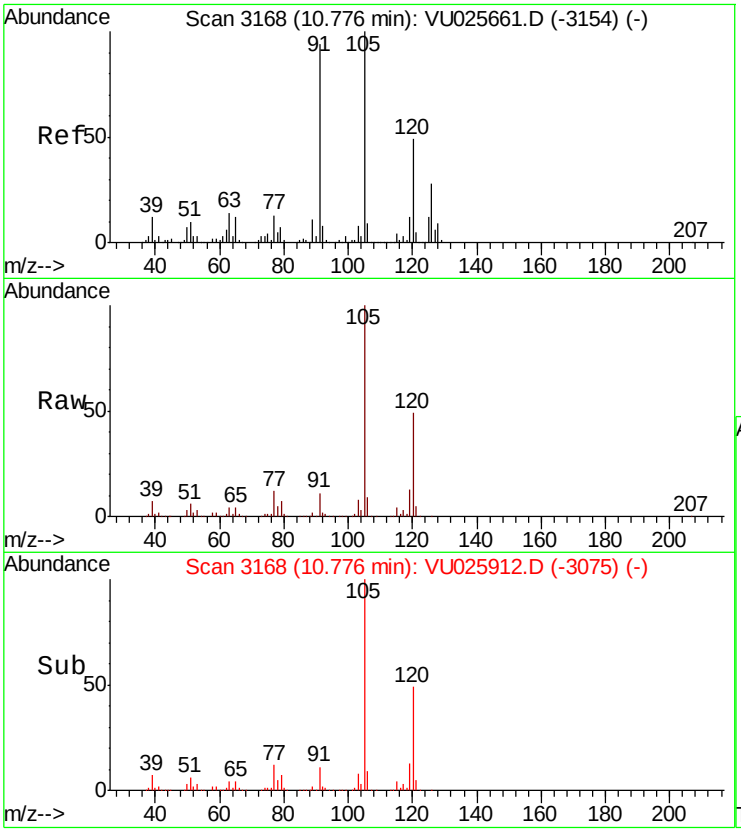


#78
n-propylbenzene
Concen: 6.535 ug/l
RT: 10.59 min Scan# 3110
Delta R.T. 0.00 min
Lab File: VU025912.D
Acq: 07 Aug 2018 02:17

Tgt Ion: 91 Resp: 101599

Ion	Ratio	Lower	Upper
91	100		
120	23.4	11.8	35.3





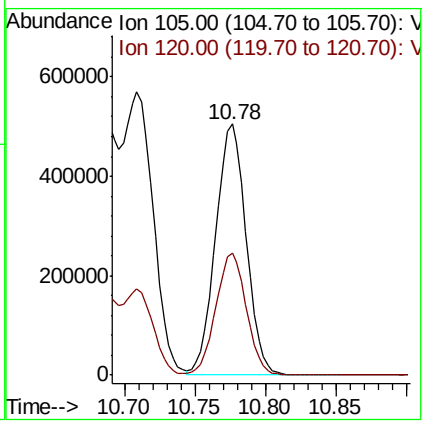
#80
1,3,5-Trimethylbenzene
Concen: 67.118 ug/l
RT: 10.78 min Scan# 3168
Delta R.T. 0.00 min
Lab File: VU025912.D
Acq: 07 Aug 2018 02:17

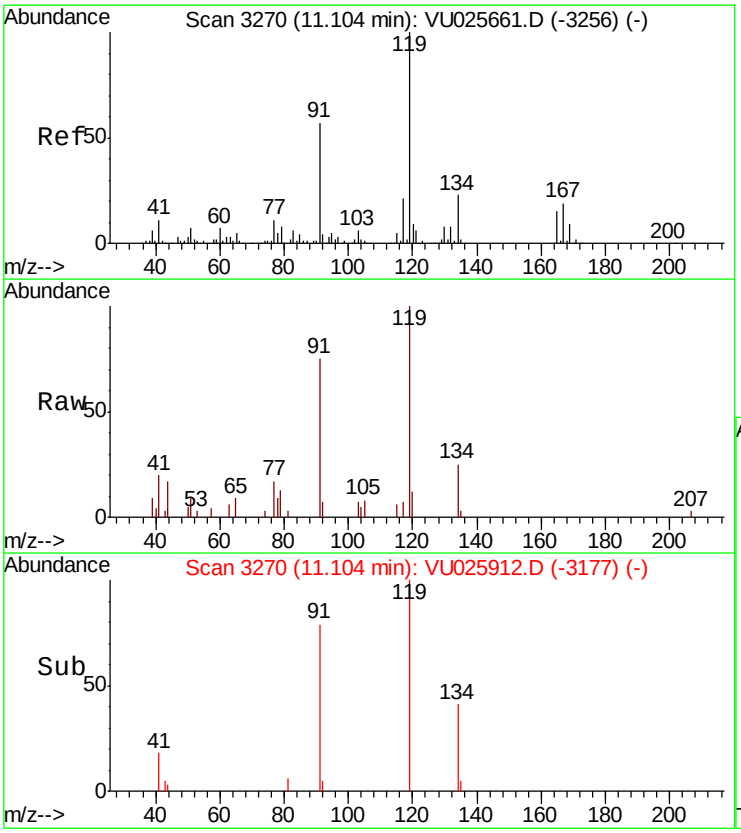
Tgt Ion:105 Resp: 759315

Ion	Ratio	Lower	Upper
105	100		
120	48.7	24.1	72.2

Instrument :
MSVOA_U
ClientSampleId :
FL-0517

Manual Integrations APPROVED
MMDadoda
8/20/2018 5:45:35 PM

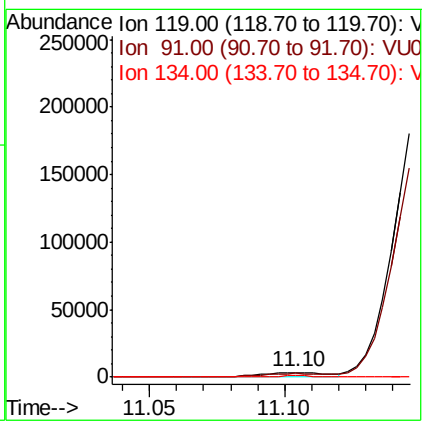


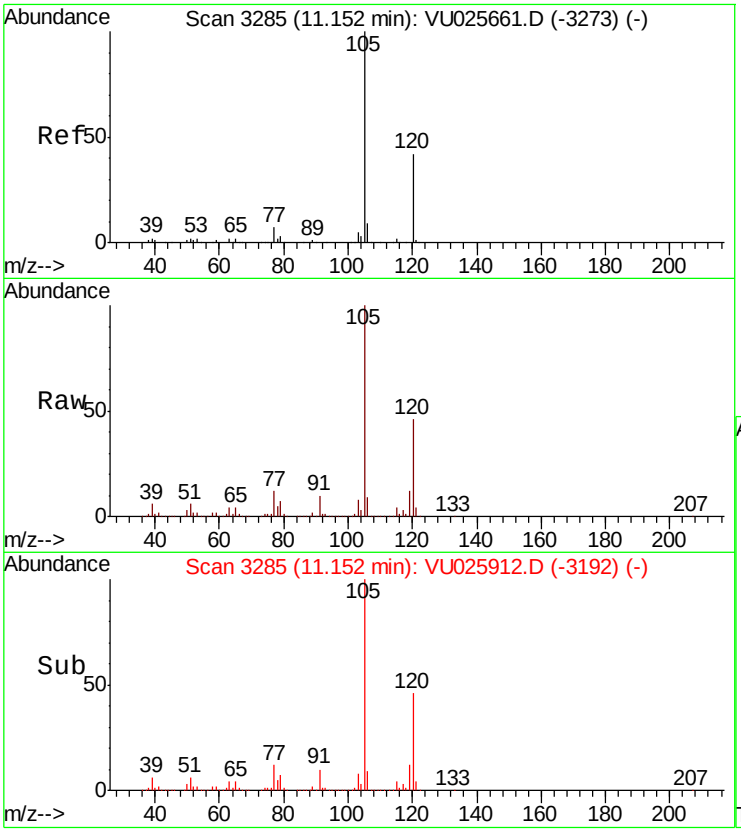


#83
tert-Butylbenzene
Concen: 0.545 ug/l m
RT: 11.10 min Scan# 3270
Delta R.T. 0.00 min
Lab File: VU025912.D
Acq: 07 Aug 2018 02:17

Tgt Ion:119 Resp: 6129

Ion	Ratio	Lower	Upper
119	100		
91	0.0	29.7	89.1#
134	0.0	11.5	34.5#

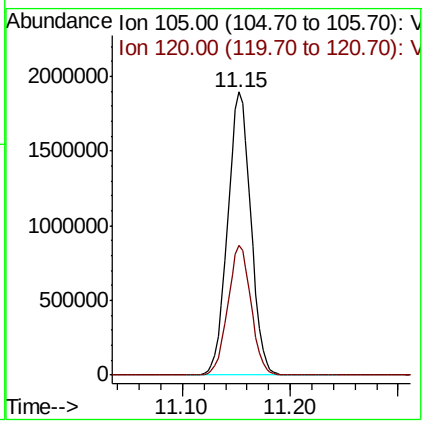




#84
1,2,4-Trimethylbenzene
Concen: 246.797 ug/l
RT: 11.15 min Scan# 3285
Delta R.T. 0.00 min
Lab File: VU025912.D
Acq: 07 Aug 2018 02:17

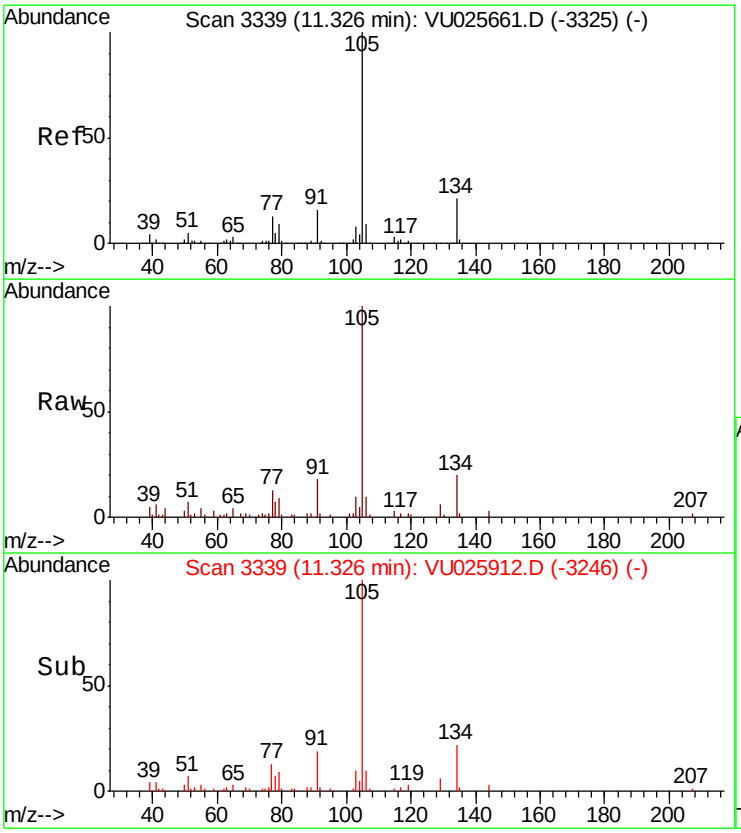
Tgt Ion:105 Resp: 2829337

Ion	Ratio	Lower	Upper
105	100		
120	45.8	22.3	66.8



Instrument :
MSVOA_U
ClientSampleId :
FL-0517

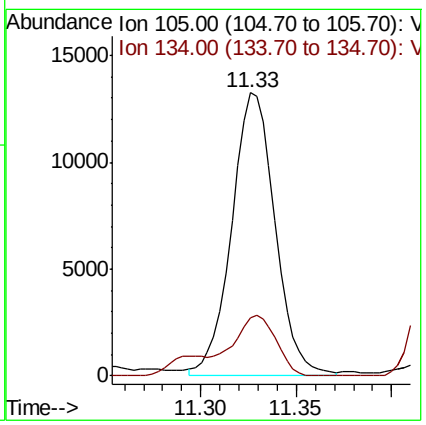
Manual Integrations APPROVED
MMDadoda
8/20/2018 5:45:35 PM

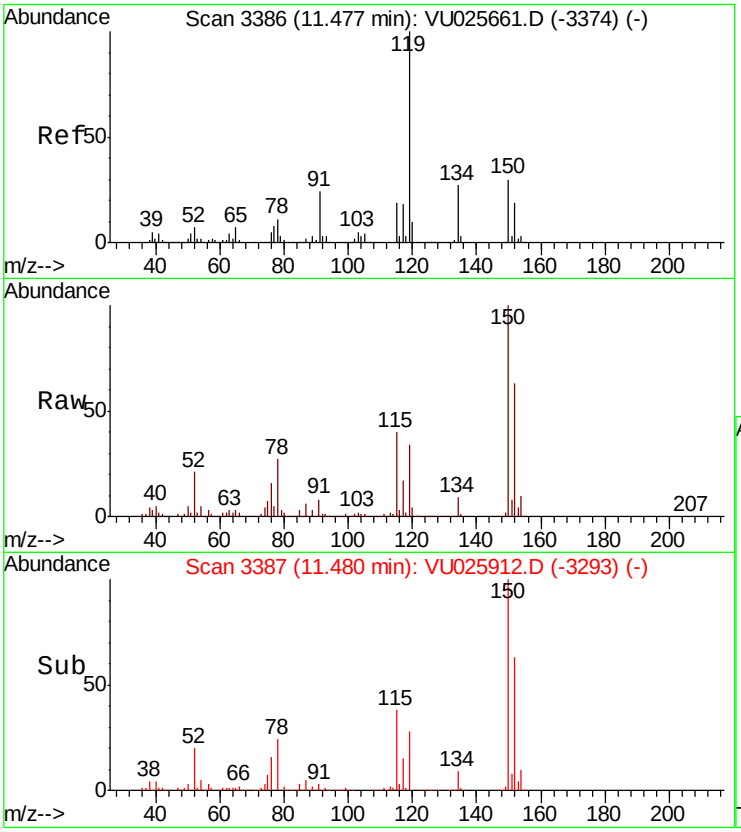


#85
sec-Butylbenzene
Concen: 1.531 ug/l m
RT: 11.33 min Scan# 3339
Delta R.T. 0.00 min
Lab File: VU025912.D
Acq: 07 Aug 2018 02:17

Tgt Ion:105 Resp: 21014

Ion	Ratio	Lower	Upper
105	100		
134	0.0	10.3	30.8#

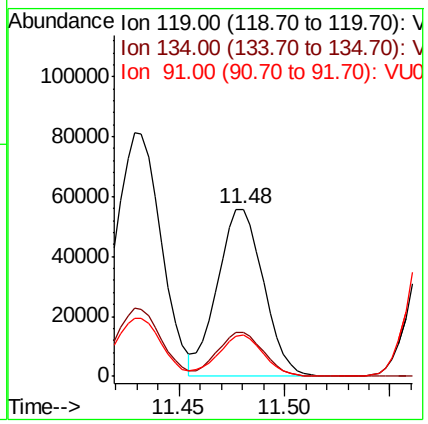




#86
p-Isopropyltoluene
Concen: 6.888 ug/l
RT: 11.48 min Scan# 3387
Delta R.T. 0.00 min
Lab File: VU025912.D
Acq: 07 Aug 2018 02:17

Tgt Ion:119 Resp: 84645

Ion	Ratio	Lower	Upper
119	100		
134	26.4	13.2	39.5
91	24.2	12.0	36.1



Instrument :
MSVOA_U
ClientSampleId :
FL-0517

Manual Integrations APPROVED
MMDadoda
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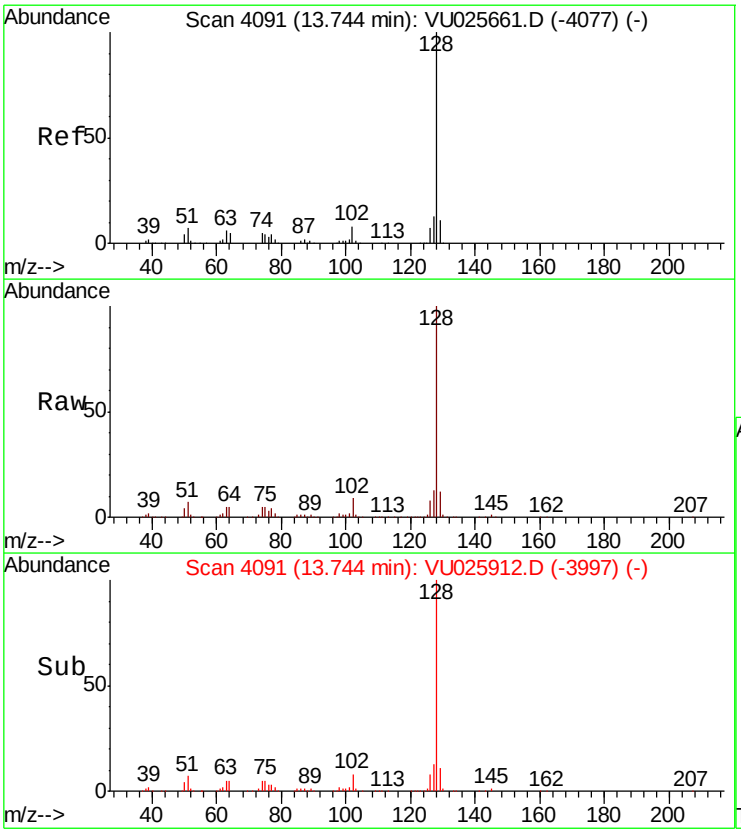

#95
Naphthalene
Concen: 31.322 ug/l
RT: 13.74 min Scan# 4091
Delta R.T. 0.00 min
Lab File: VU025912.D
Acq: 07 Aug 2018 02:17

Tgt Ion:128 Resp: 446976

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.5	15.7
129	11.4	8.3	12.5