Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081318\
Data File : VX003998.D
Acq On : 13 Aug 2018 14:22
Operator : JC/MD
Sample : J4429-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0566

Manual Integrations APPROVED
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Quant Time: Aug 14 13:00:22 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 13 01:34:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	321753	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	495837	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	467242	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	278279	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	212878	49.91	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.82%			
35) Dibromofluoromethane	5.51	113	182862	48.68	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.36%			
50) Toluene-d8	8.72	98	711088	48.68	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.36%			
62) 4-Bromofluorobenzene	11.14	95	242918	51.39	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.78%			
Target Compounds						Qvalue
31) Cyclohexane	5.58	56	1771366	288.15	ug/l	100
39) Methylcyclohexane	7.46	83	895898	136.83	ug/l	98
67) Ethyl Benzene	10.26	91	1828717	91.89	ug/l	97
68) m/p-Xylenes	10.37	106	1523503	195.91	ug/l	96
69) o-Xylene	10.70	106	23122	3.15	ug/l	96
73) Isopropylbenzene	11.02	105	272926	13.26	ug/l	97
78) n-propylbenzene	11.36	91	337628	14.61	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	802584	47.81	ug/l	99
83) tert-Butylbenzene	11.77	119	11920m	0.72	ug/l	
84) 1,2,4-Trimethylbenzene	11.81	105	5586775	331.00	ug/l	98
85) sec-Butylbenzene	11.94	105	62893m	3.23	ug/l	
86) p-Isopropyltoluene	12.07	119	88340	5.05	ug/l	97
95) Naphthalene	13.83	128	1626629	78.48	ug/l	99

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

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ALS Vial : 9 Sample Multiplier: 1

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 13 01:34:27 2018
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
FL-0566

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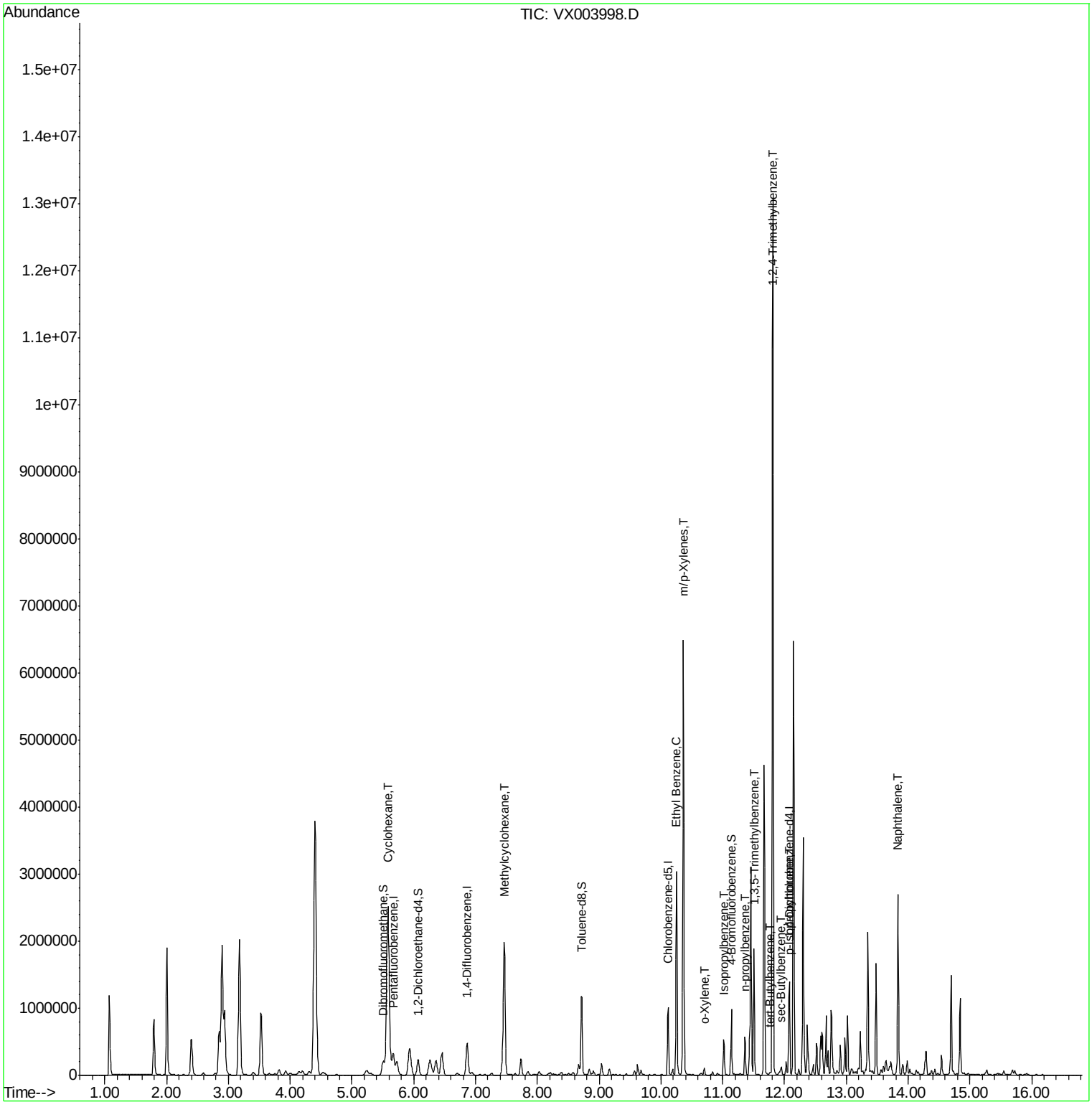
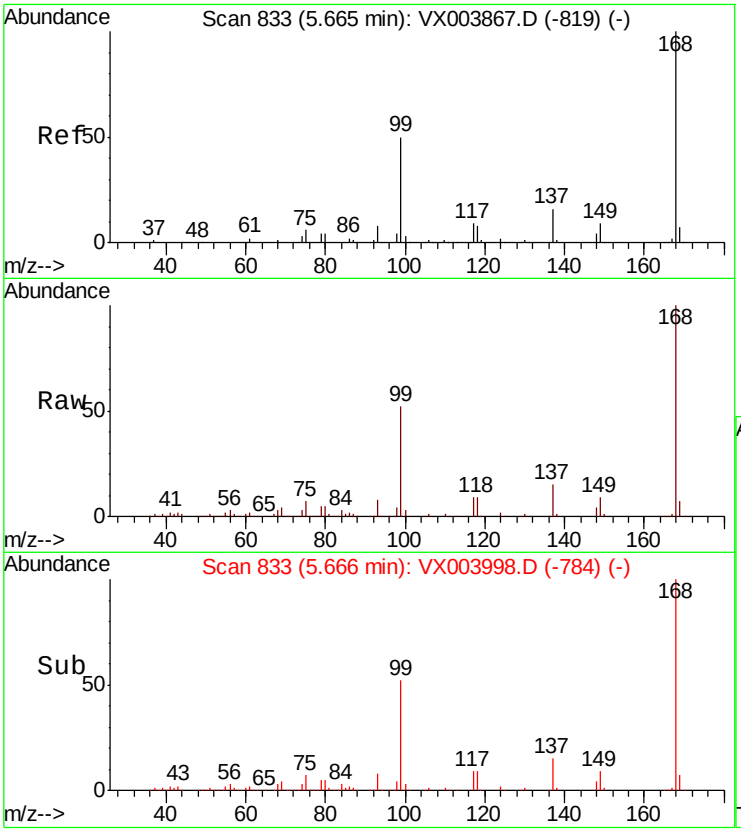
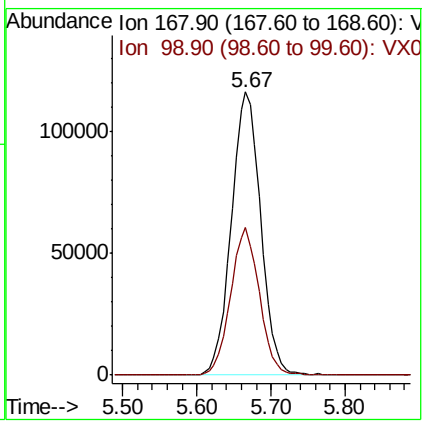




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX003998.D
Acq: 13 Aug 2018 14:22

Tgt Ion:168 Resp: 321753

Ion	Ratio	Lower	Upper
168	100		
99	52.1	40.1	60.1



Instrument :
MSVOA_X
ClientSampleId :
FL-0566

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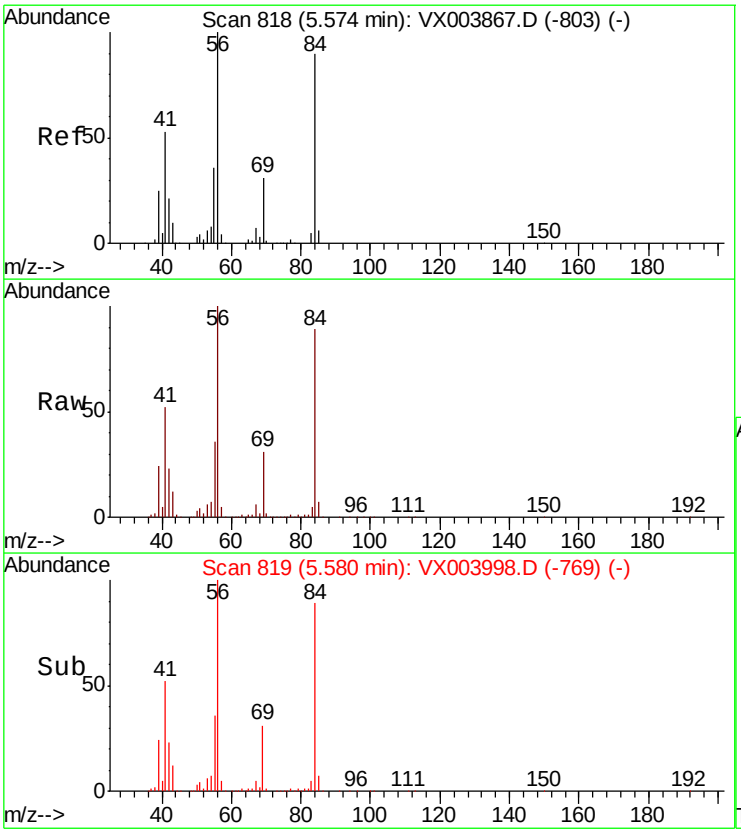
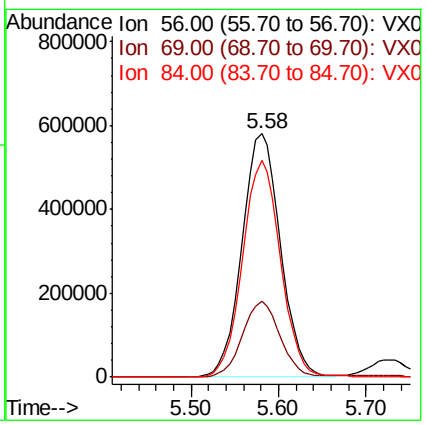
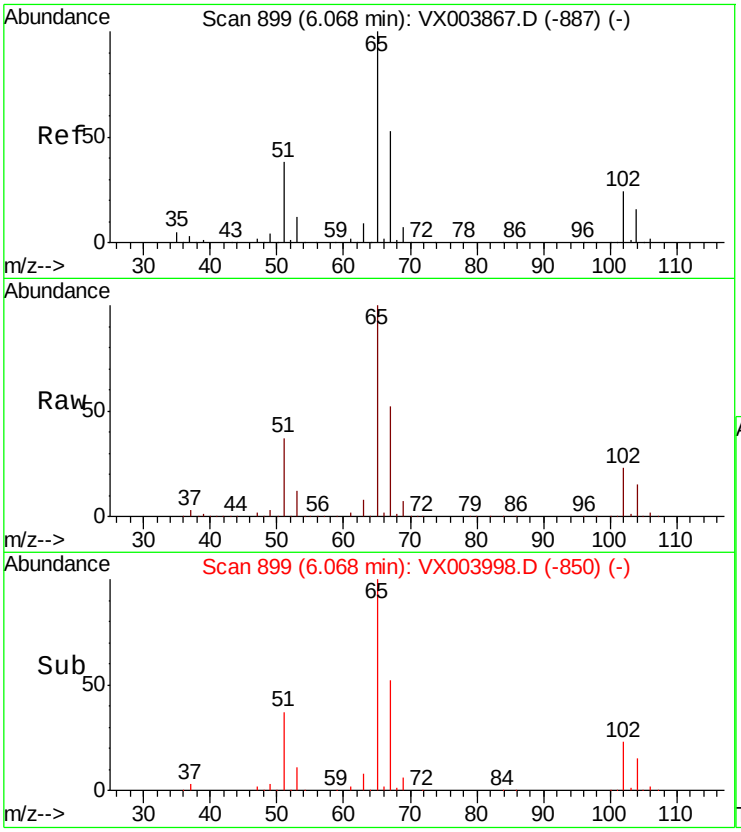


#31
Cyclohexane
Concen: 288.15 ug/l
RT: 5.58 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX003998.D
Acq: 13 Aug 2018 14:22

Tgt Ion: 56 Resp: 1771366

Ion	Ratio	Lower	Upper
56	100		
69	30.8	24.9	37.3
84	89.3	71.7	107.5





#33
1,2-Dichloroethane-d4
Concen: 49.91 ug/l
RT: 6.07 min Scan# 899
Delta R.T. 0.00 min
Lab File: VX003998.D
Acq: 13 Aug 2018 14:22

Tgt Ion: 65 Resp: 212878

Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	105.8

Instrument :
MSVOA_X
ClientSampleId :
FL-0566

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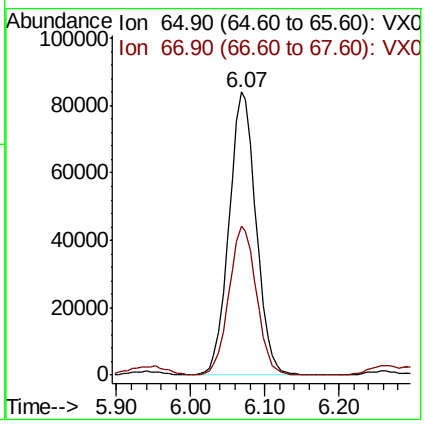
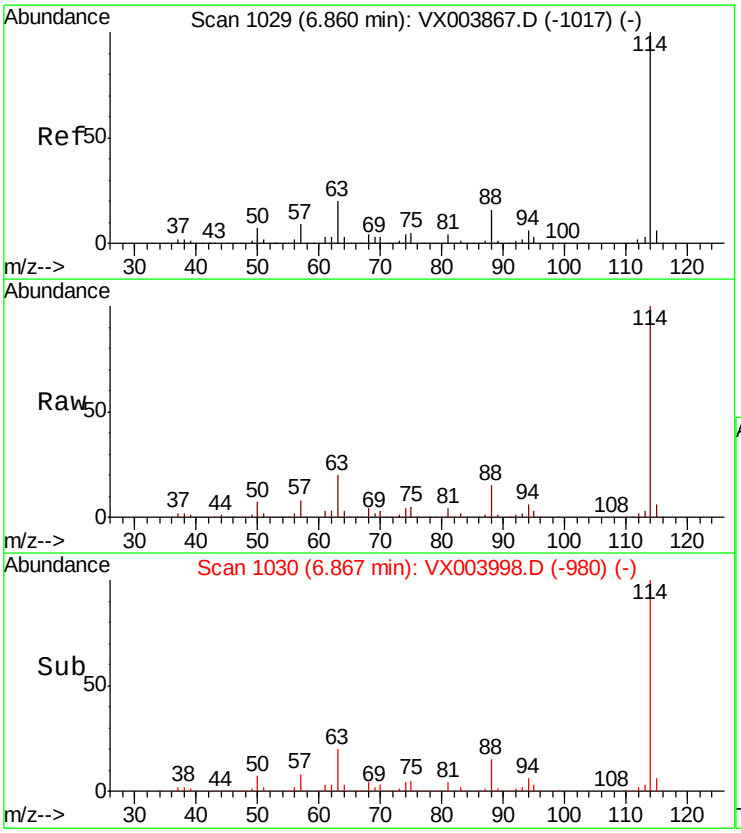
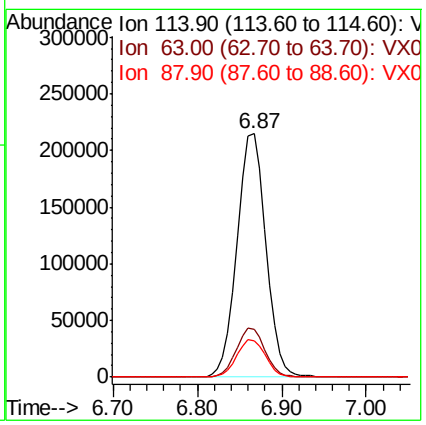


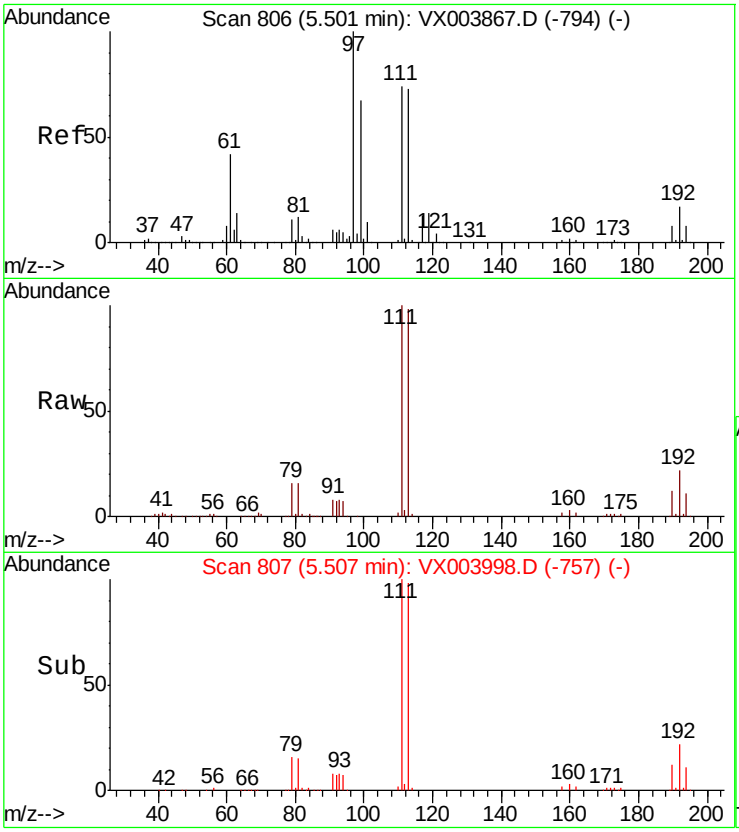


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. 0.01 min
Lab File: VX003998.D
Acq: 13 Aug 2018 14:22

Tgt Ion:114 Resp: 495837

Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	39.0
88	14.8	0.0	32.0

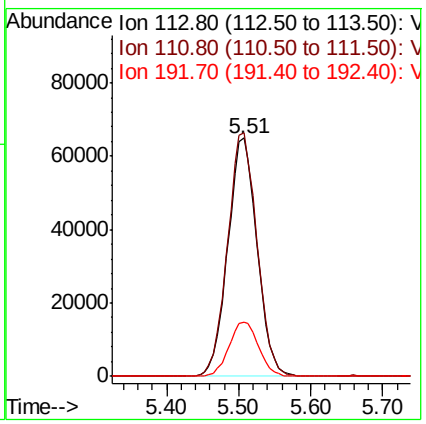




#35
Dibromofluoromethane
Concen: 48.68 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.01 min
Lab File: VX003998.D
Acq: 13 Aug 2018 14:22

Tgt Ion:113 Resp: 182862

Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.0	123.0
192	23.2	19.0	28.4



Instrument :
MSVOA_X
ClientSampleId :
FL-0566

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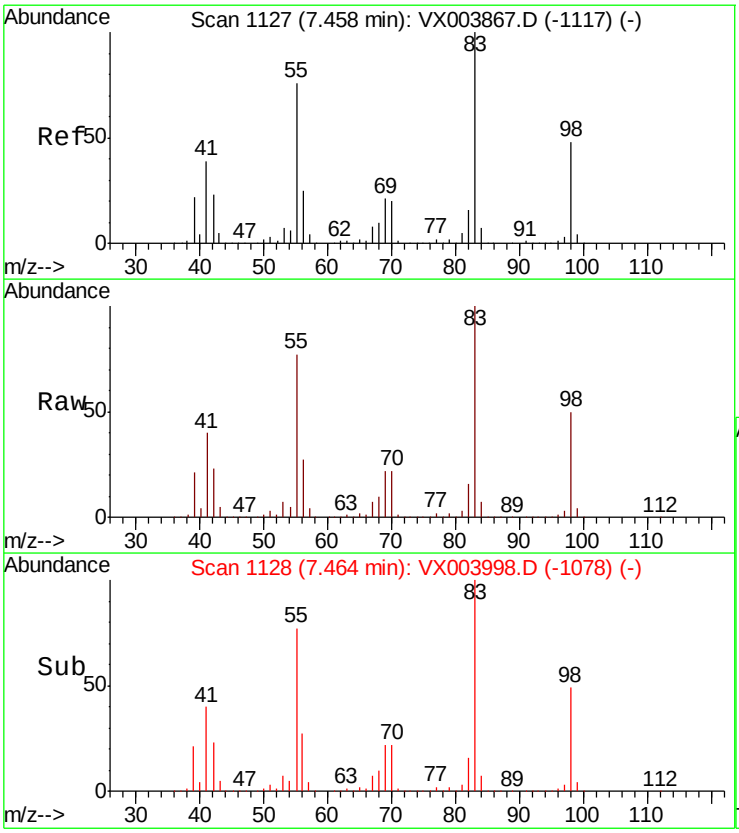
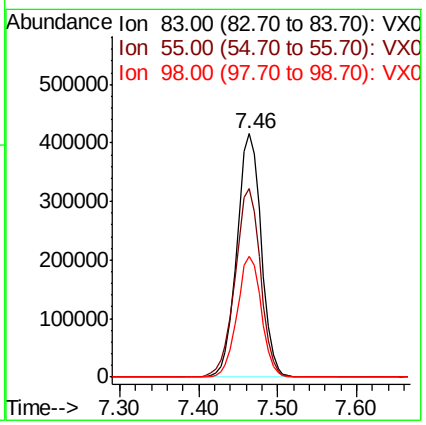
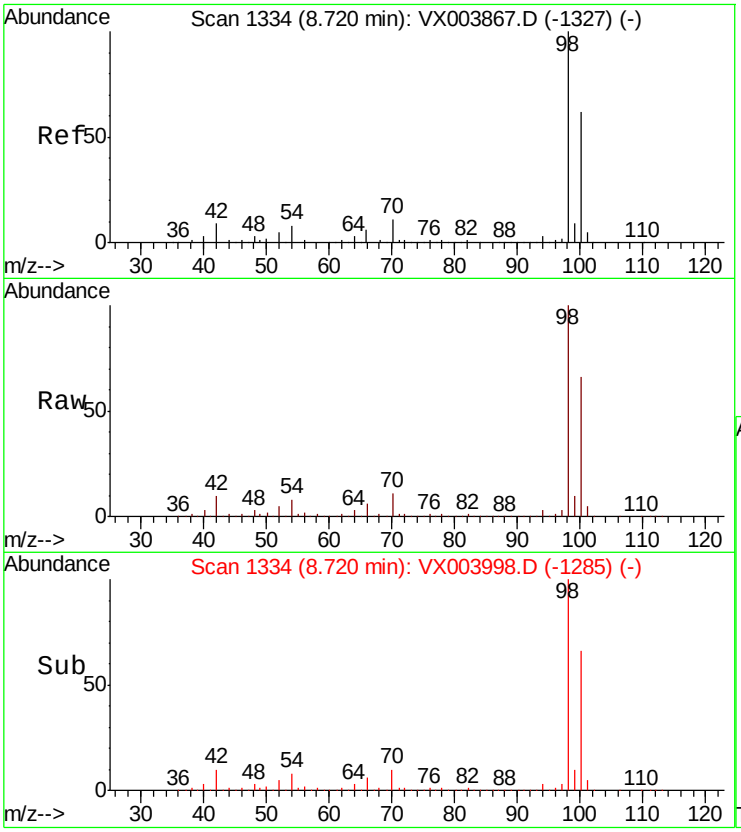


#39
Methylcyclohexane
Concen: 136.83 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.01 min
Lab File: VX003998.D
Acq: 13 Aug 2018 14:22

Tgt Ion: 83 Resp: 895898

Ion	Ratio	Lower	Upper
83	100		
55	77.4	61.0	91.6
98	49.6	38.6	57.8

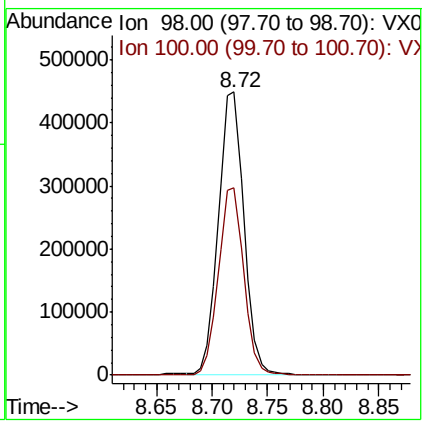




#50
Toluene-d8
Concen: 48.68 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003998.D
Acq: 13 Aug 2018 14:22

Tgt Ion: 98 Resp: 711088

Ion	Ratio	Lower	Upper
98	100		
100	66.1	53.3	79.9



Instrument :
MSVOA_X
ClientSampleId :
FL-0566

Manual Integrations APPROVED
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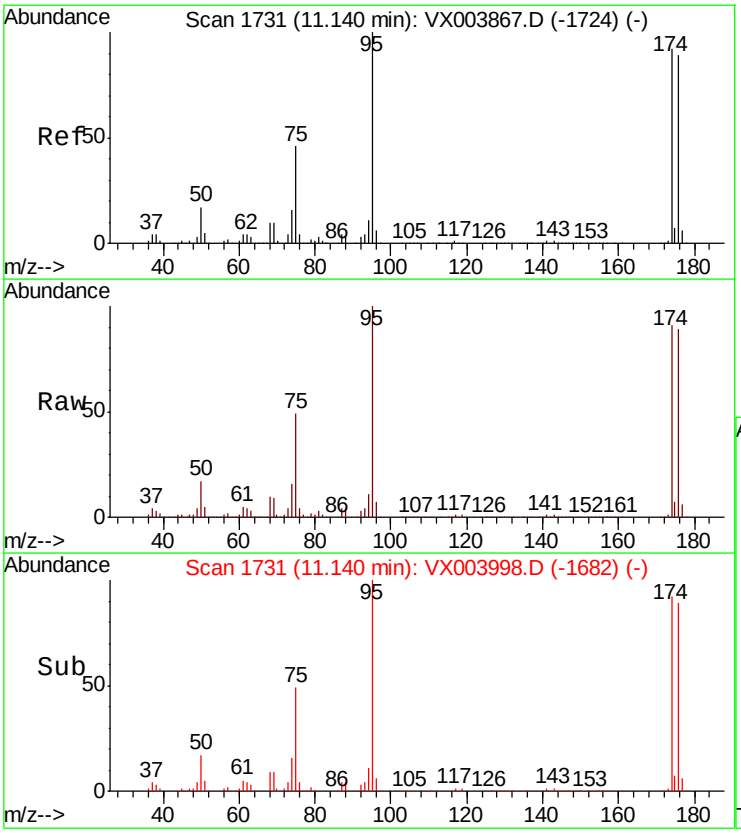
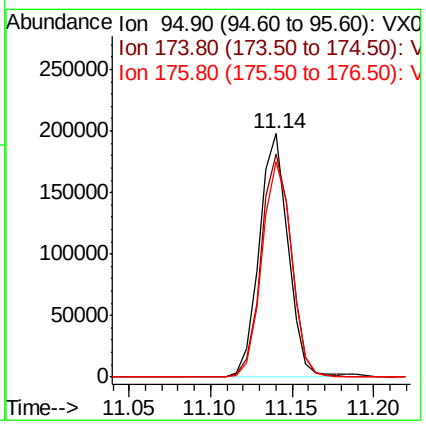
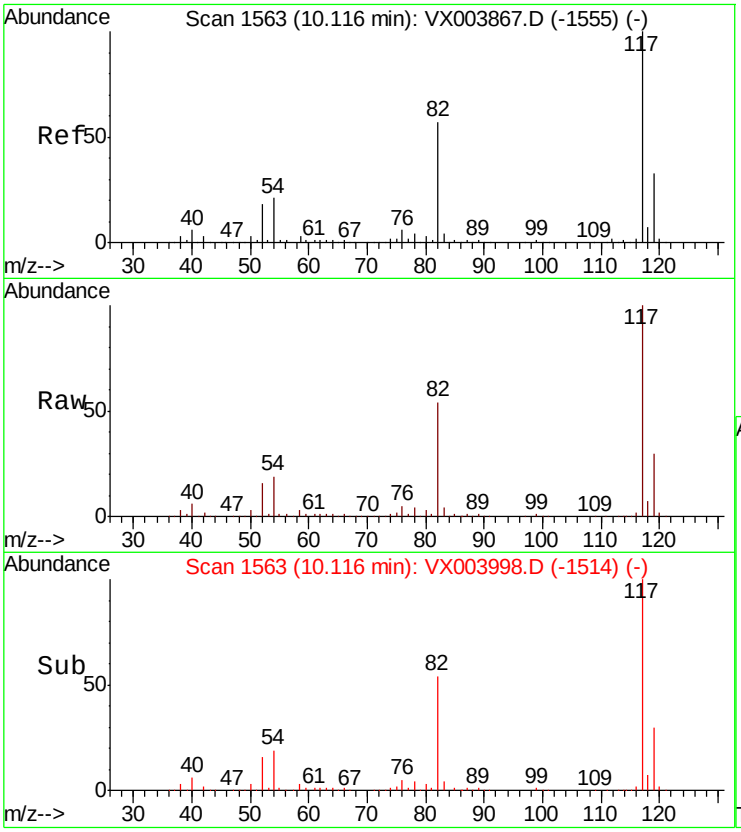


#62
4-Bromofluorobenzene
Concen: 51.39 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003998.D
Acq: 13 Aug 2018 14:22

Tgt Ion: 95 Resp: 242918

Ion	Ratio	Lower	Upper
95	100		
174	95.3	0.0	182.8
176	91.4	0.0	179.0

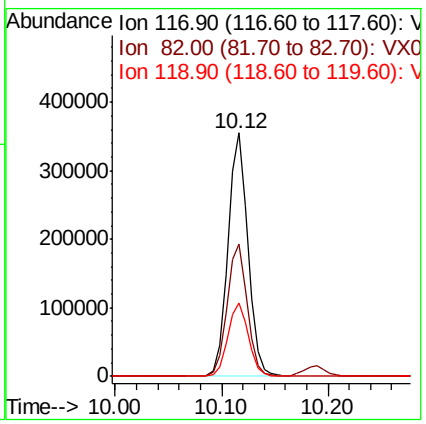




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003998.D
Acq: 13 Aug 2018 14:22

Tgt Ion:117 Resp: 467242

Ion	Ratio	Lower	Upper
117	100		
82	54.1	45.4	68.0
119	30.0	26.6	40.0



Instrument :
MSVOA_X
ClientSampleId :
FL-0566

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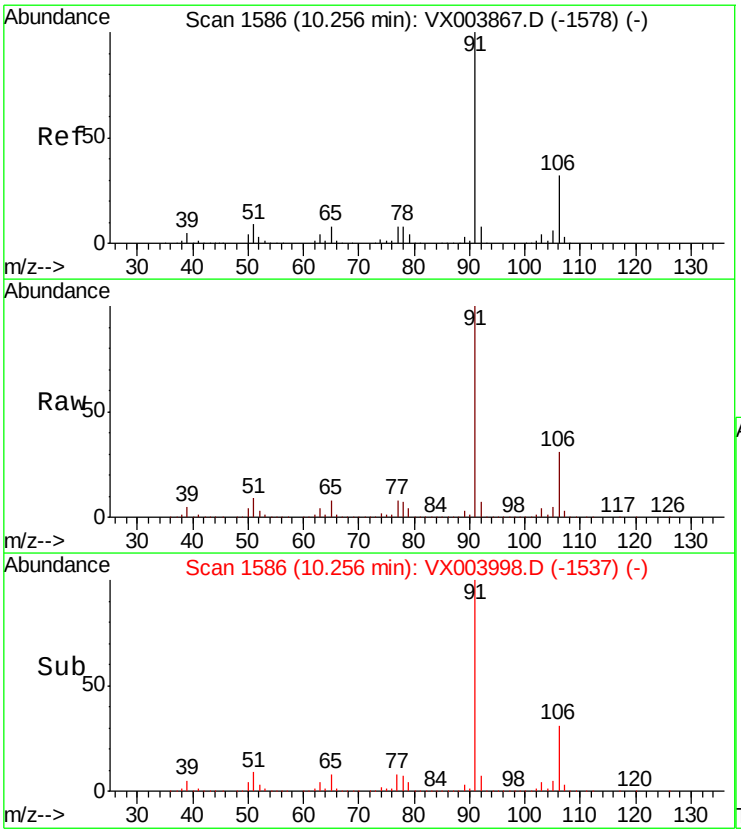
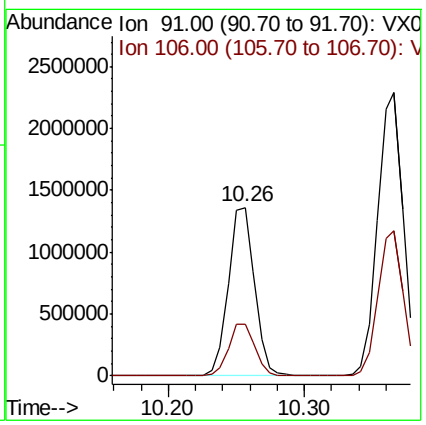
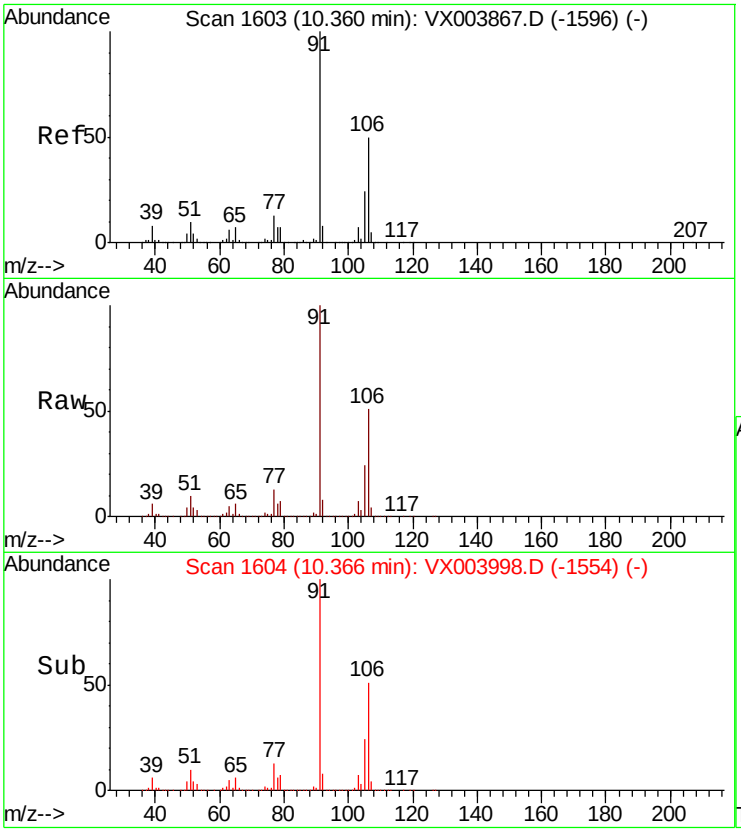


#67
Ethyl Benzene
Concen: 91.89 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX003998.D
Acq: 13 Aug 2018 14:22

Tgt Ion: 91 Resp: 1828717

Ion	Ratio	Lower	Upper
91	100		
106	30.8	25.9	38.9





#68
m/p-Xylenes
Concen: 195.91 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.01 min
Lab File: VX003998.D
Acq: 13 Aug 2018 14:22

Tgt Ion:106 Resp: 1523503

Ion	Ratio	Lower	Upper
106	100		
91	196.8	162.3	243.5

Instrument :
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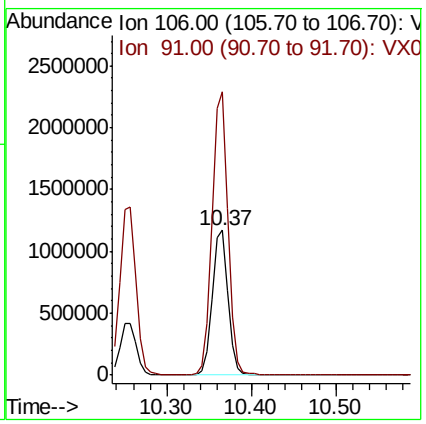
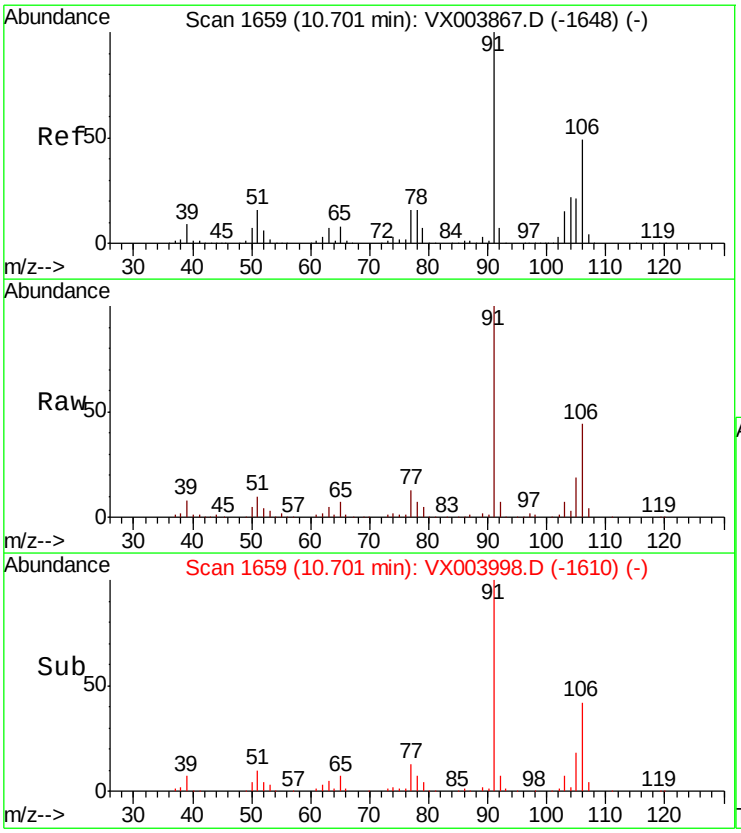
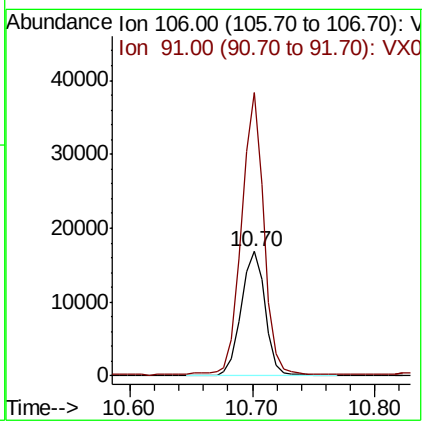


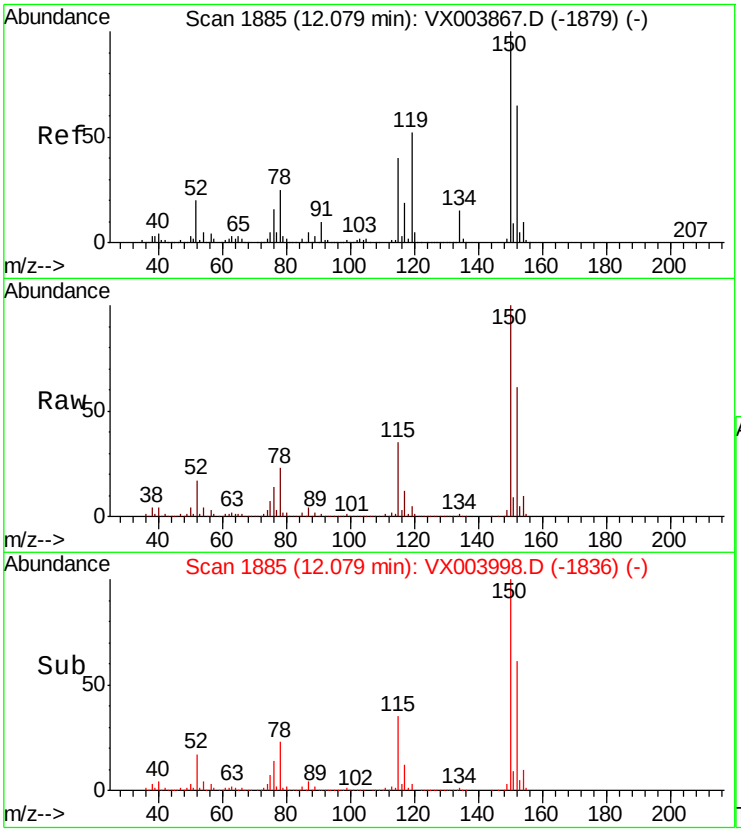


#69
o-Xylene
Concen: 3.15 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003998.D
Acq: 13 Aug 2018 14:22

Tgt Ion:106 Resp: 23122

Ion	Ratio	Lower	Upper
106	100		
91	210.7	101.9	305.7

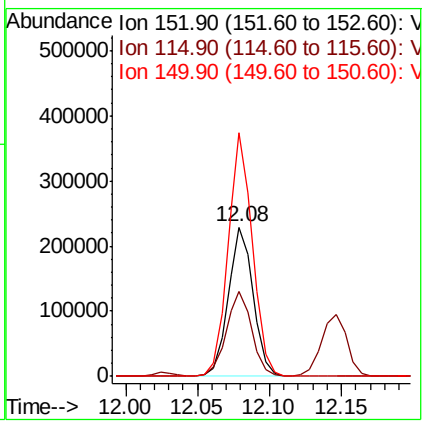




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX003998.D
Acq: 13 Aug 2018 14:22

Tgt Ion:152 Resp: 278279

Ion	Ratio	Lower	Upper
152	100		
115	57.1	39.1	117.3
150	158.6	0.0	349.2



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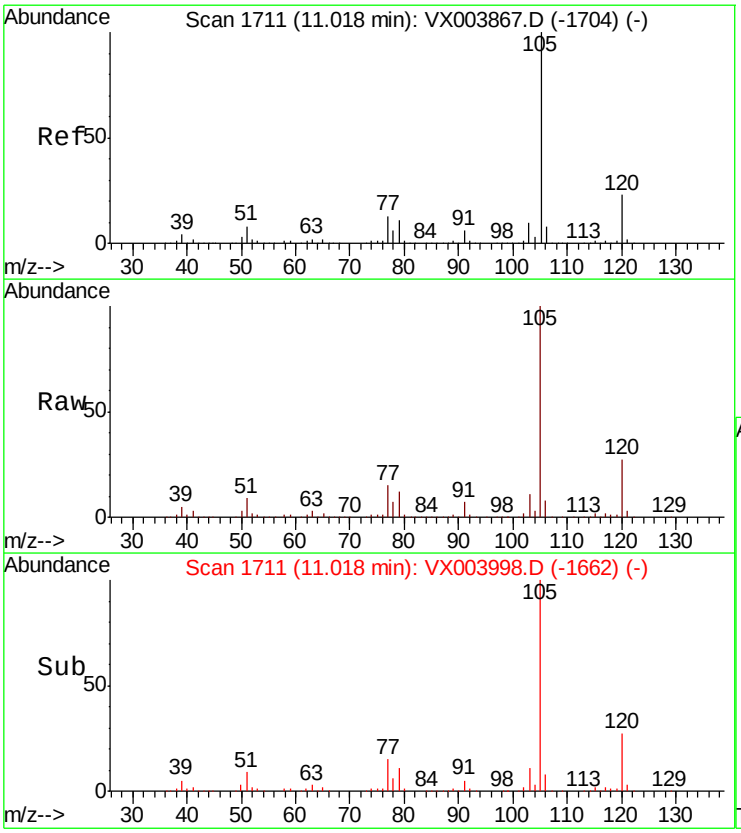
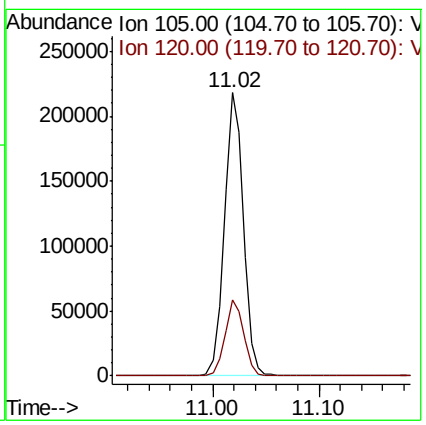
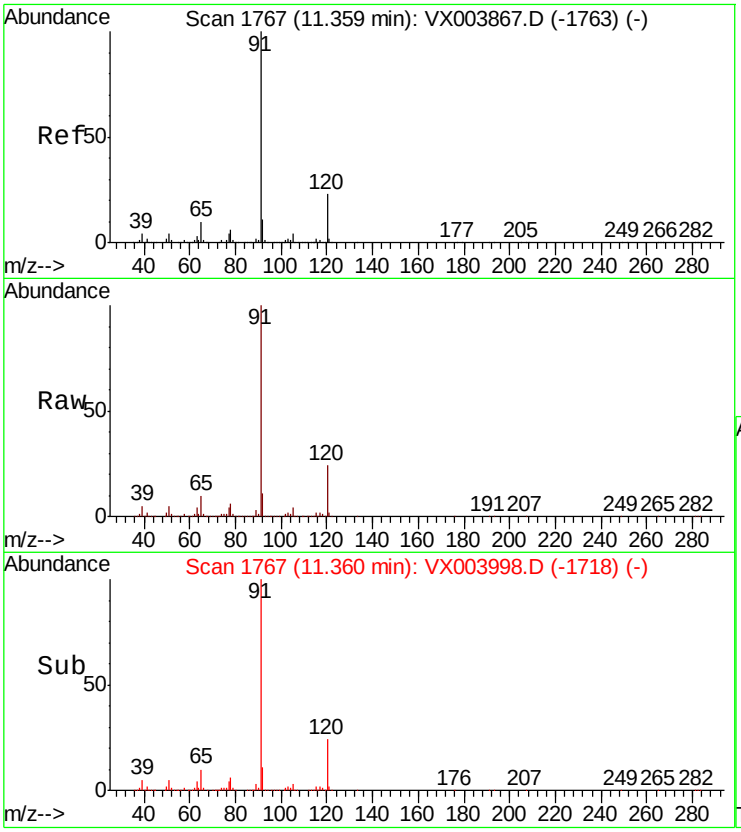


#73
Isopropylbenzene
Concen: 13.26 ug/l
RT: 11.02 min Scan# 1711
Delta R.T. 0.00 min
Lab File: VX003998.D
Acq: 13 Aug 2018 14:22

Tgt Ion:105 Resp: 272926

Ion	Ratio	Lower	Upper
105	100		
120	26.6	12.6	37.8





#78
n-propylbenzene
Concen: 14.61 ug/l
RT: 11.36 min Scan# 1767
Delta R.T. 0.00 min
Lab File: VX003998.D
Acq: 13 Aug 2018 14:22

Tgt Ion: 91 Resp: 337628

Ion	Ratio	Lower	Upper
91	100		
120	23.6	11.9	35.5

Instrument :
MSVOA_X
ClientSampleId :
FL-0566

Manual Integrations APPROVED
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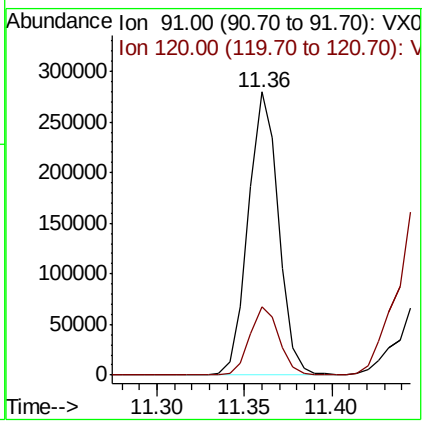
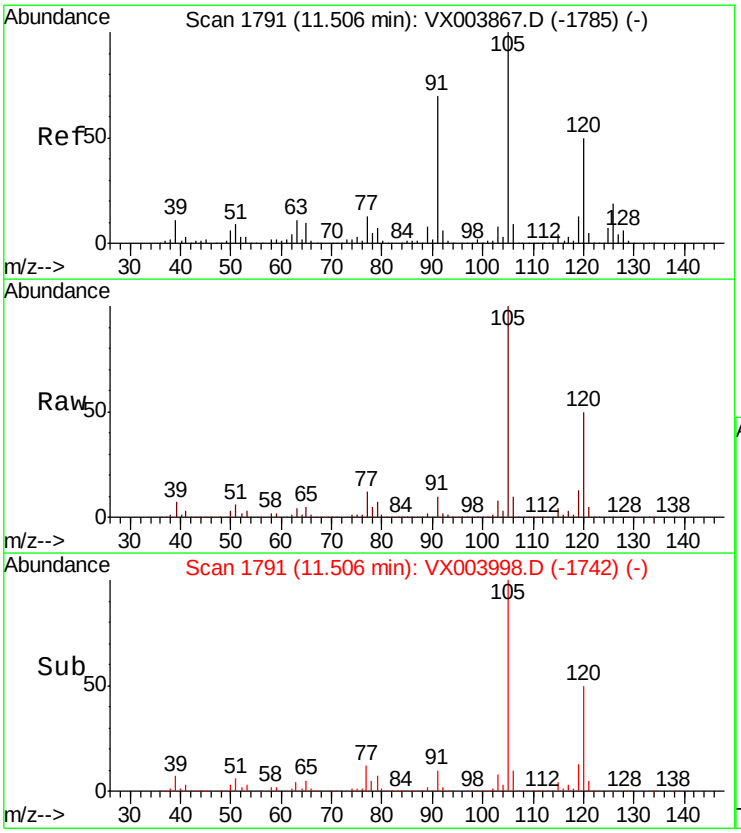
8/14/2018 12:55:50 PM

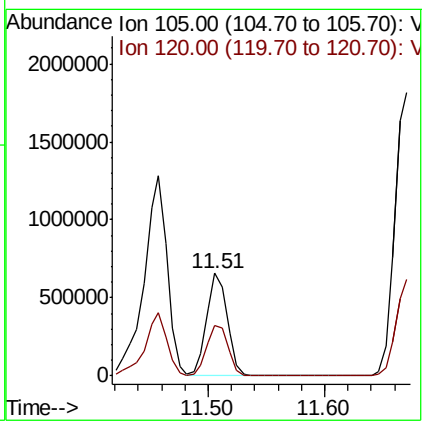


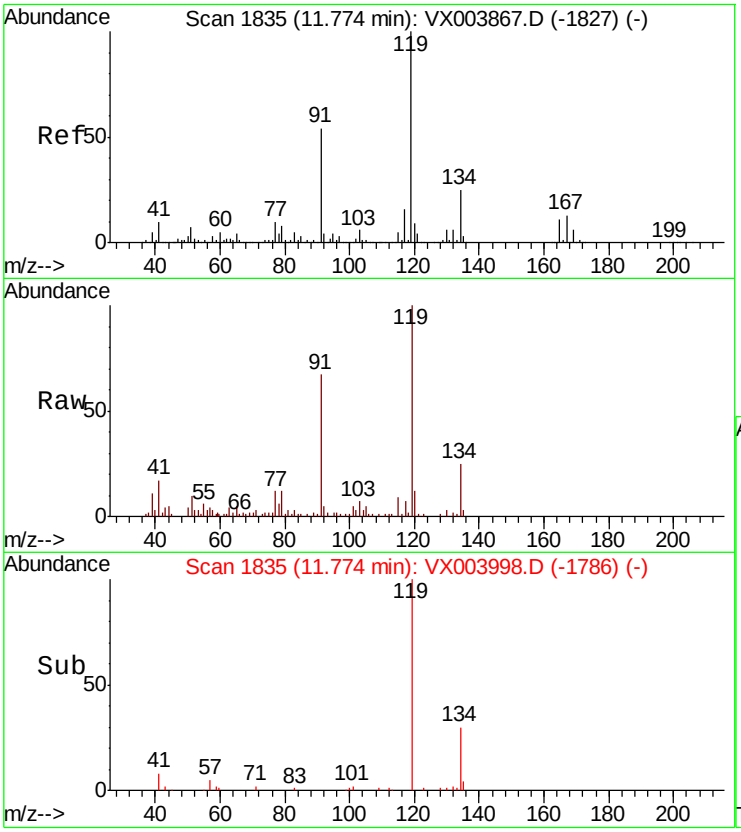


#80
1,3,5-Trimethylbenzene
Concen: 47.81 ug/l
RT: 11.51 min Scan# 1791
Delta R.T. 0.00 min
Lab File: VX003998.D
Acq: 13 Aug 2018 14:22

Tgt Ion:105 Resp: 802584

Ion	Ratio	Lower	Upper
105	100		
120	51.6	25.4	76.2





#83
tert-Butylbenzene
Concen: 0.72 ug/l m
RT: 11.77 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX003998.D
Acq: 13 Aug 2018 14:22

Tgt Ion:119 Resp: 11920

Ion	Ratio	Lower	Upper
119	100		
91	4972.0	26.9	80.7
134	0.0	12.0	36.0#

Instrument :
MSVOA_X
ClientSampleId :
FL-0566

Manual Integrations APPROVED
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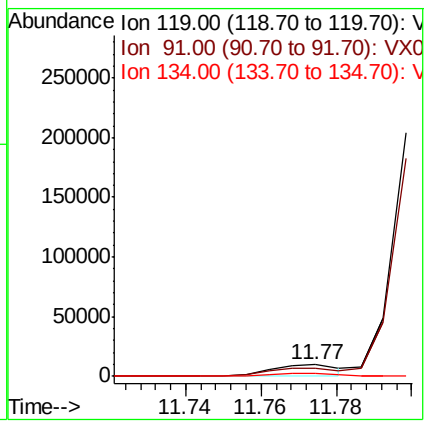
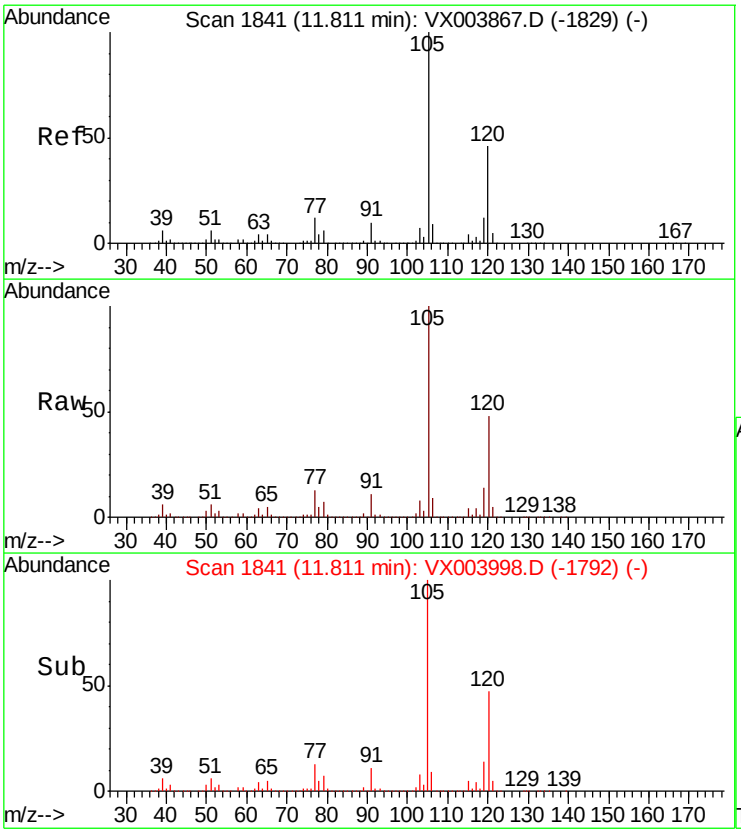
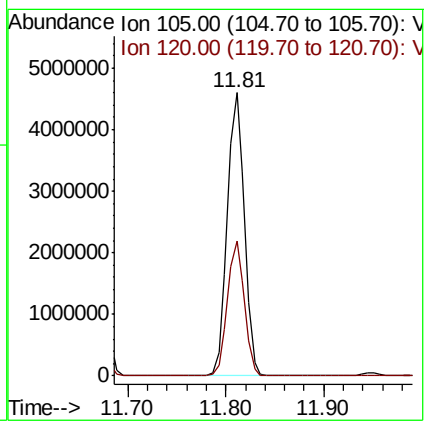


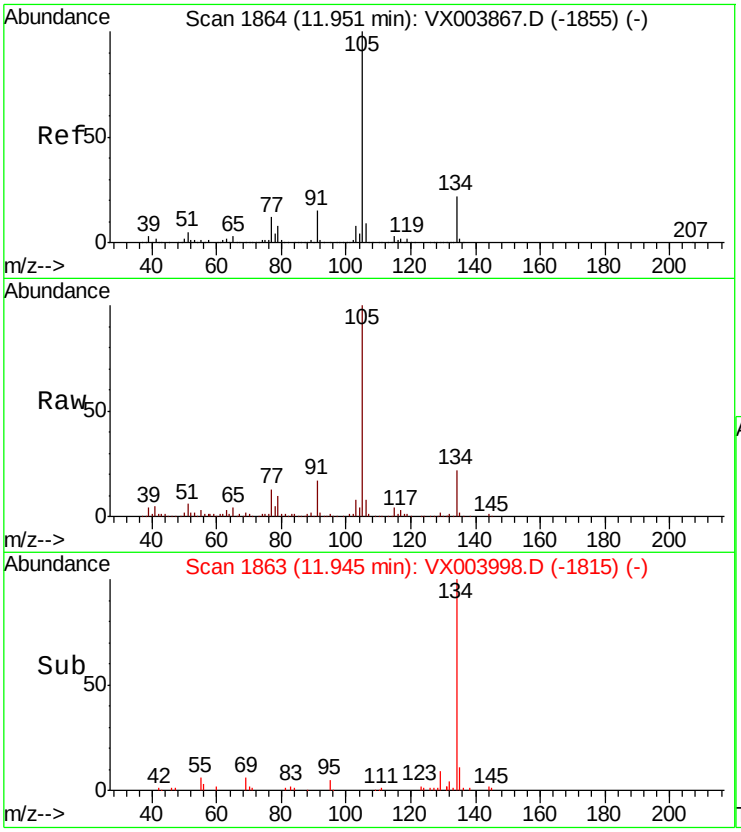


#84
1,2,4-Trimethylbenzene
Concen: 331.00 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX003998.D
Acq: 13 Aug 2018 14:22

Tgt Ion:105 Resp: 5586775

Ion	Ratio	Lower	Upper
105	100		
120	47.4	23.1	69.2





#85
sec-Butylbenzene
Concen: 3.23 ug/l m
RT: 11.94 min Scan# 1863
Delta R.T. -0.01 min
Lab File: VX003998.D
Acq: 13 Aug 2018 14:22

Tgt Ion:105 Resp: 62893

Ion	Ratio	Lower	Upper
105	100		
134	0.0	10.3	30.9#

Instrument :
MSVOA_X
ClientSampleId :
FL-0566

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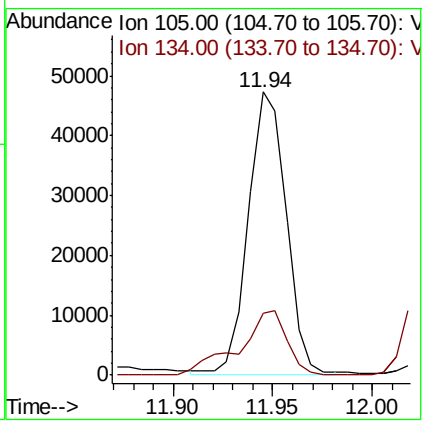
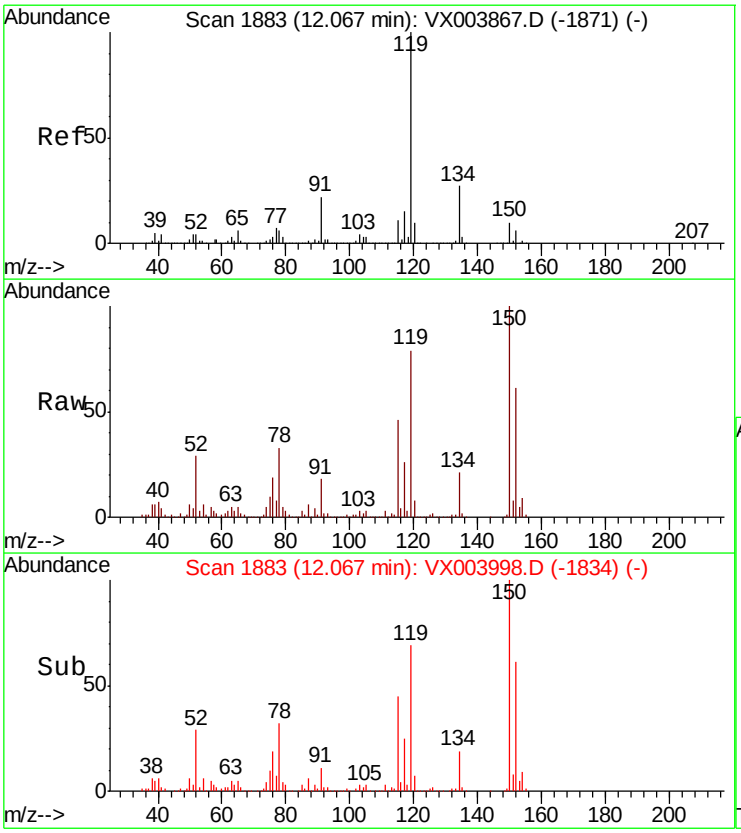
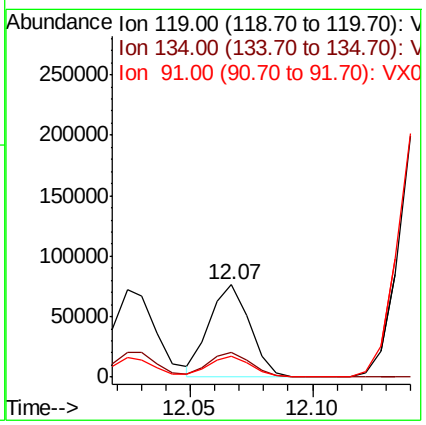


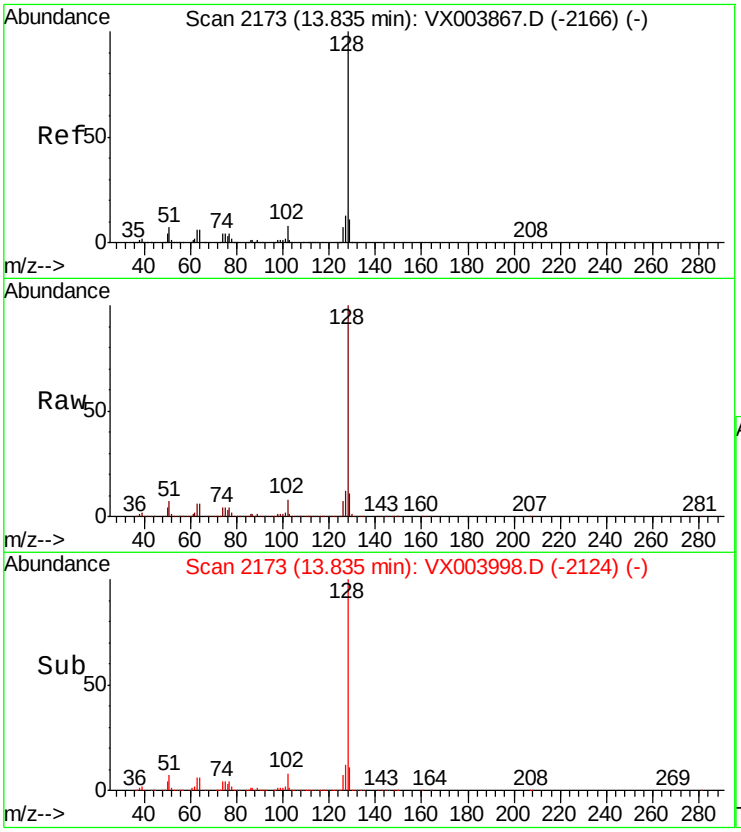


#86
p-Isopropyltoluene
Concen: 5.05 ug/l
RT: 12.07 min Scan# 1883
Delta R.T. 0.00 min
Lab File: VX003998.D
Acq: 13 Aug 2018 14:22

Tgt Ion:119 Resp: 88340

Ion	Ratio	Lower	Upper
119	100		
134	27.5	13.3	39.8
91	23.9	10.9	32.7

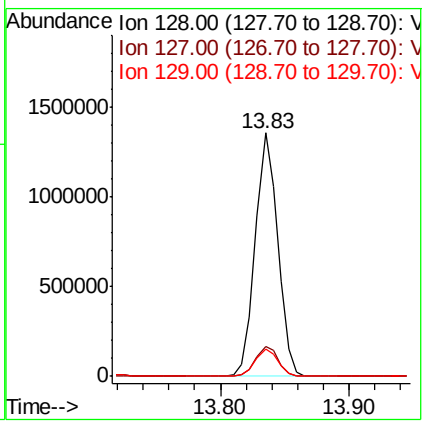




#95
Naphthalene
Concen: 78.48 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX003998.D
Acq: 13 Aug 2018 14:22

Tgt Ion:128 Resp: 1626629

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.2
129	11.4	8.8	13.2



Instrument :
MSVOA_X
ClientSampleId :
FL-0566

Manual Integrations APPROVED
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