Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101719\
Data File : VX013109.D
Acq On : 17 Oct 2019 15:57
Operator : JC/SP
Sample : K5406-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-18

Manual Integrations APPROVED
MMDadoda
10/18/2019 10:05:23 AM

Quant Time: Oct 18 09:17:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 16 07:26:22 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	169465	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	273293	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	228211	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	90669	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	104277	49.23	ug/l	0.00
Spiked Amount 50.000			Recovery =	98.46%		
35) Dibromofluoromethane	5.49	113	81397	51.89	ug/l	0.00
Spiked Amount 50.000			Recovery =	103.78%		
50) Toluene-d8	8.71	98	314659	51.43	ug/l	0.00
Spiked Amount 50.000			Recovery =	102.86%		
62) 4-Bromofluorobenzene	11.14	95	105962	44.58	ug/l	0.00
Spiked Amount 50.000			Recovery =	89.16%		
Target Compounds						Qvalue
11) Tert butyl alcohol	3.03	59	2570	4.577	ug/l #	91
16) Acetone	2.43	43	2912	2.608	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	673	0.318	ug/l #	53
73) Isopropylbenzene	11.01	105	5001	0.750	ug/l	97
78) n-propylbenzene	11.35	91	6760	0.922	ug/l	96
85) sec-Butylbenzene	11.94	105	3597	0.572	ug/l	98
89) n-Butylbenzene	12.38	91	1613m	0.329	ug/l	
95) Naphthalene	13.83	128	4237	0.682	ug/l #	89

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

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101719\
Data File : VX013109.D
Acq On : 17 Oct 2019 15:57
Operator : JC/SP
Sample : K5406-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 12 Sample Multiplier: 1

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 16 07:26:22 2019
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
MW-18

Manual Integrations APPROVED
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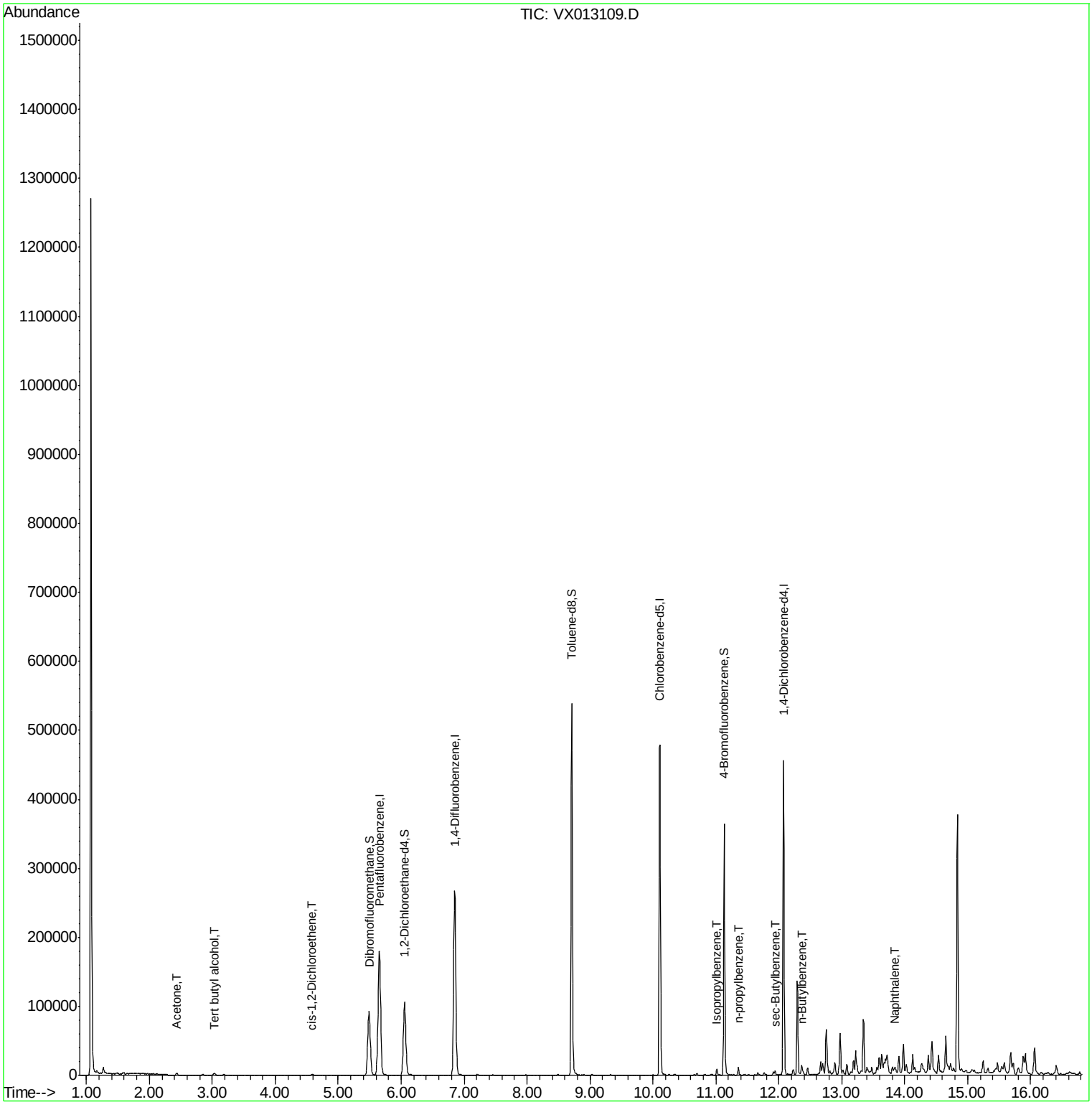

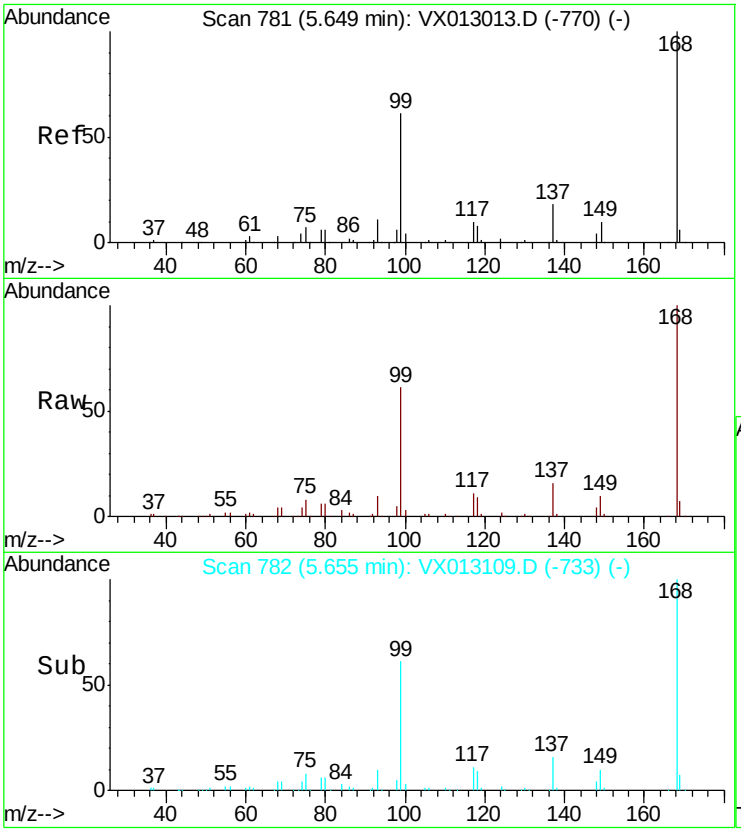

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.00 min
Lab File: VX013109.D
Acq: 17 Oct 2019 15:57

Tgt Ion:168 Resp: 169465

Ion	Ratio	Lower	Upper
168	100		
99	61.1	49.4	74.0

Instrument :
MSVOA_X
ClientSampleId :
MW-18

Manual Integrations APPROVED
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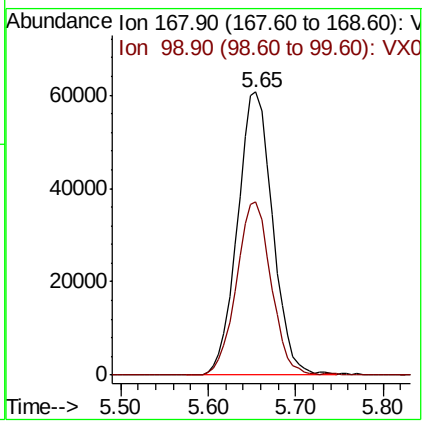
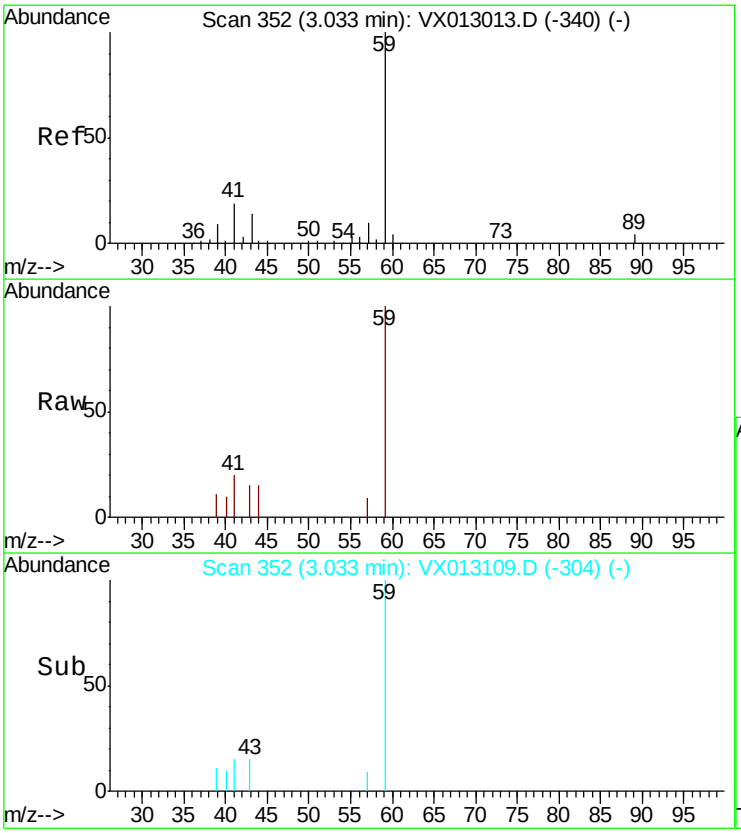
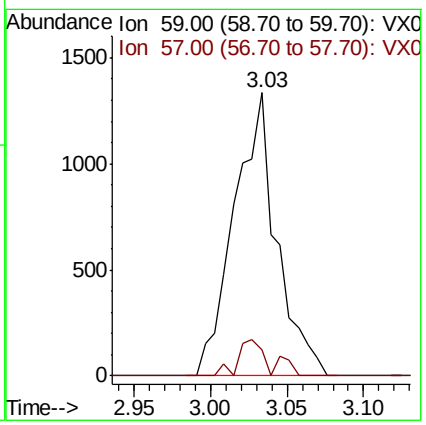


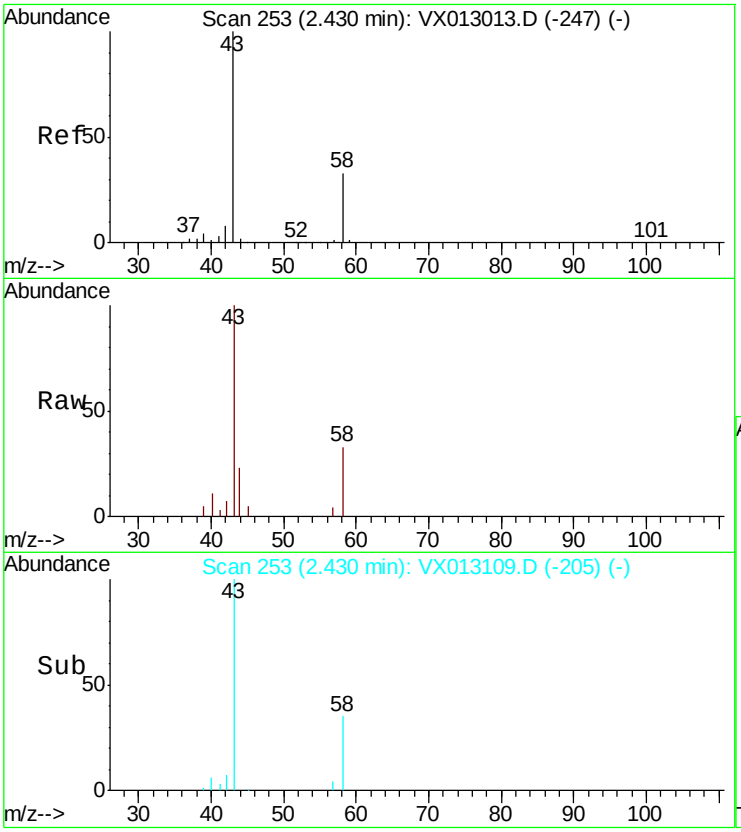


#11
Tert butyl alcohol
Concen: 4.577 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX013109.D
Acq: 17 Oct 2019 15:57

Tgt Ion: 59 Resp: 2570

Ion	Ratio	Lower	Upper
59	100		
57	7.2	8.3	12.5#





#16
Acetone
Concen: 2.608 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.01 min
Lab File: VX013109.D
Acq: 17 Oct 2019 15:57

Tgt Ion: 43 Resp: 2912

Ion	Ratio	Lower	Upper
43	100		
58	32.8	25.4	38.2

Instrument :
MSVOA_X
ClientSampleId :
MW-18

Manual Integrations APPROVED
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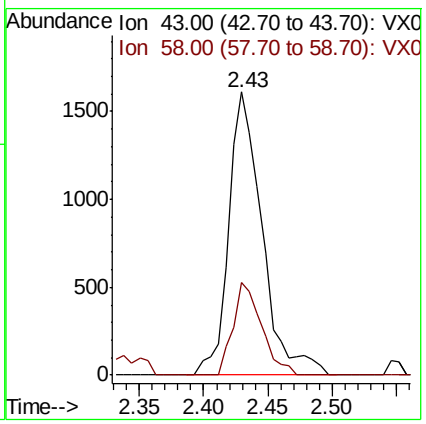
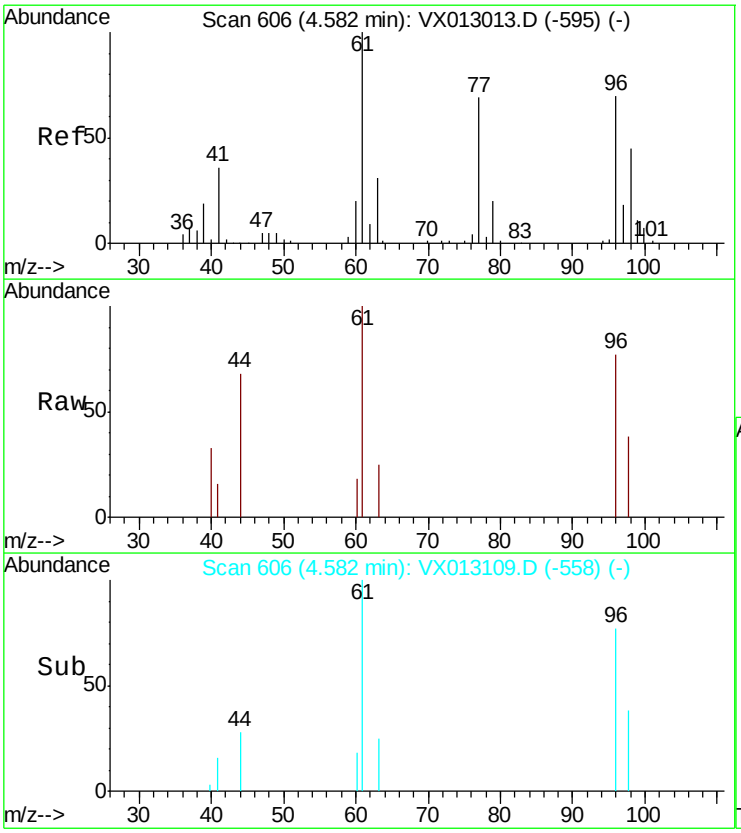
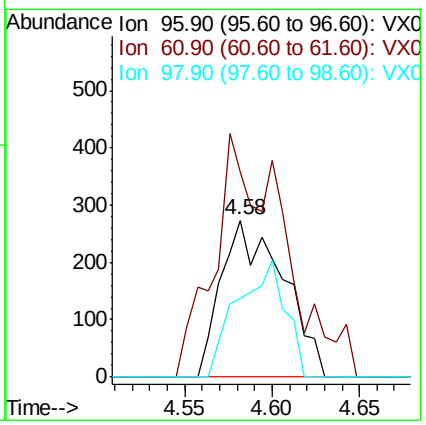


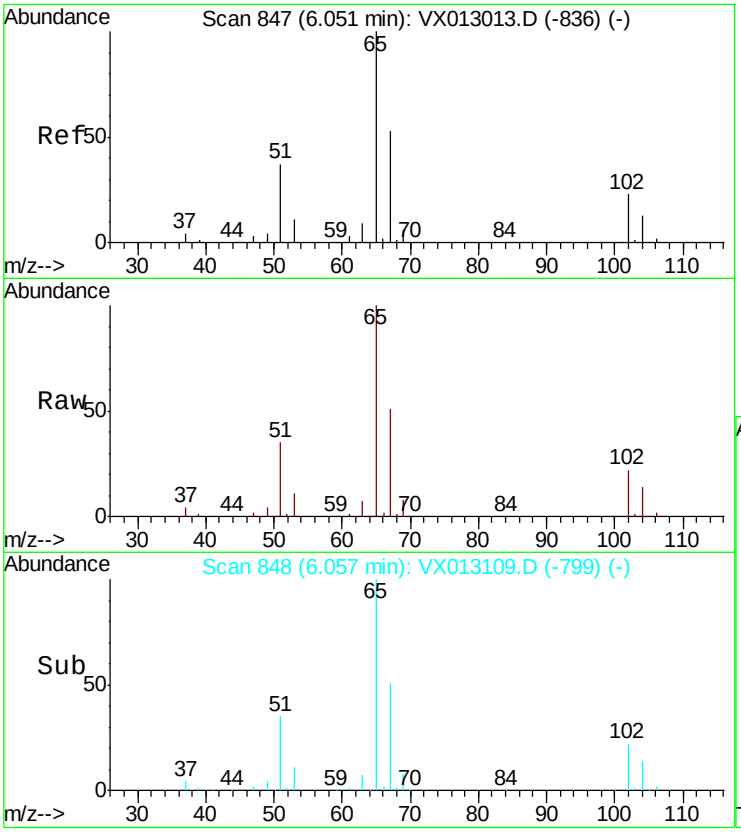


#27
cis-1,2-Dichloroethene
Concen: 0.318 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX013109.D
Acq: 17 Oct 2019 15:57

Tgt Ion: 96 Resp: 673

Ion	Ratio	Lower	Upper
96	100		
61	106.1	0.0	290.6
98	0.0	0.0	128.8

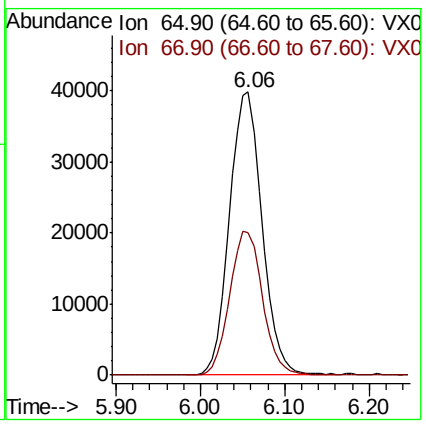




#33
1,2-Dichloroethane-d4
Concen: 49.231 ug/l
RT: 6.06 min Scan# 848
Delta R.T. 0.00 min
Lab File: VX013109.D
Acq: 17 Oct 2019 15:57

Tgt Ion: 65 Resp: 104277

Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	104.4



Instrument :
MSVOA_X
ClientSampleId :
MW-18

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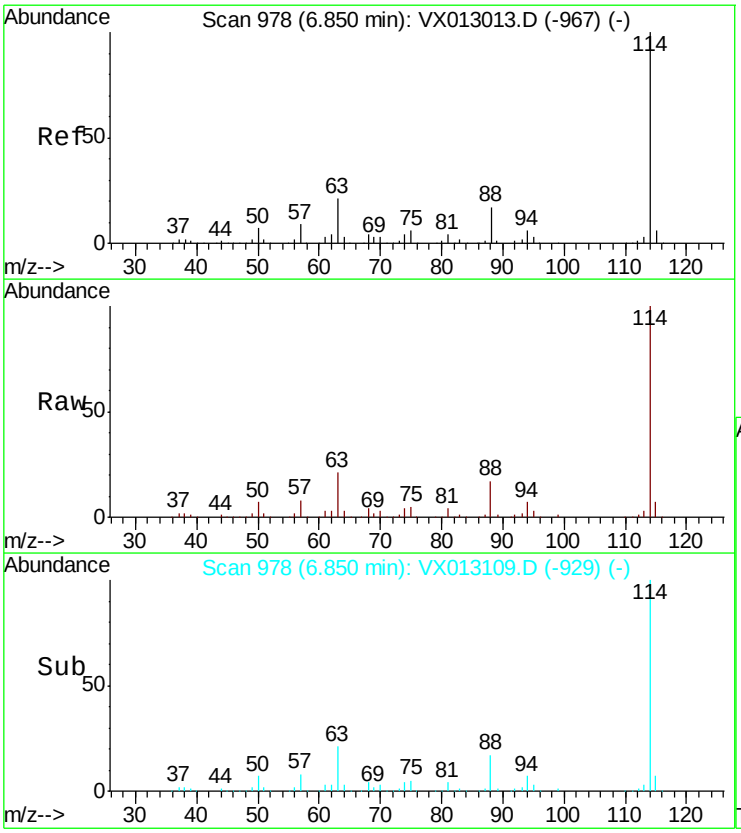
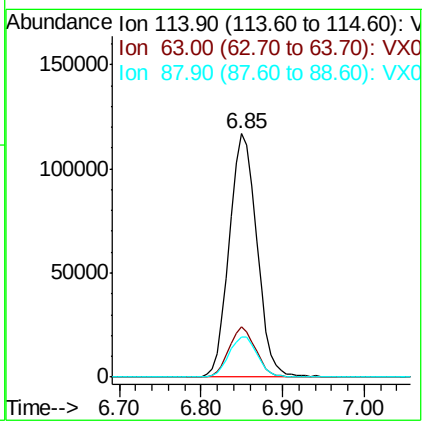
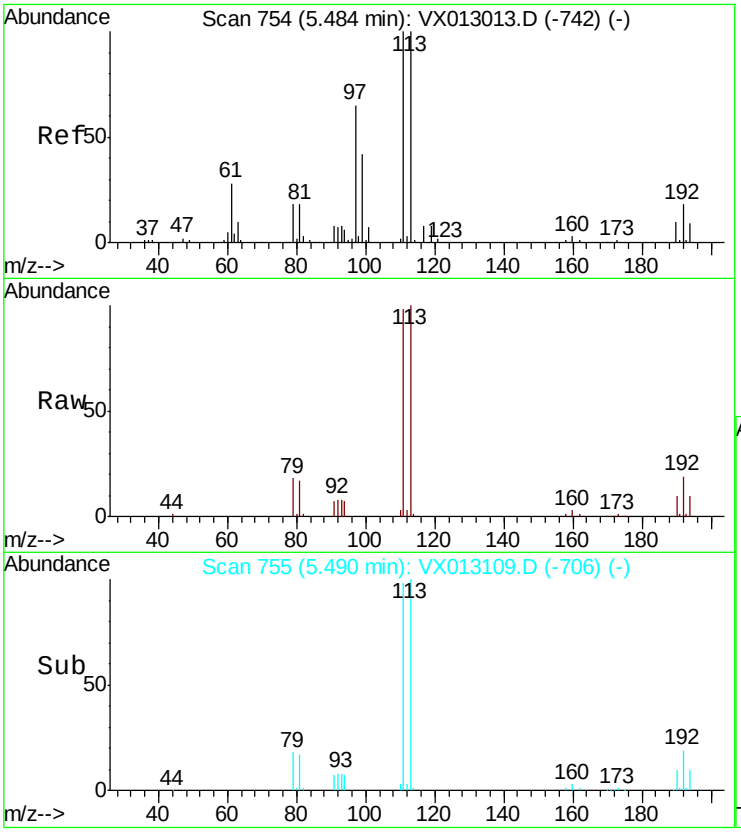


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX013109.D
Acq: 17 Oct 2019 15:57

Tgt Ion:114 Resp: 273293

Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	40.8
88	16.7	0.0	33.8

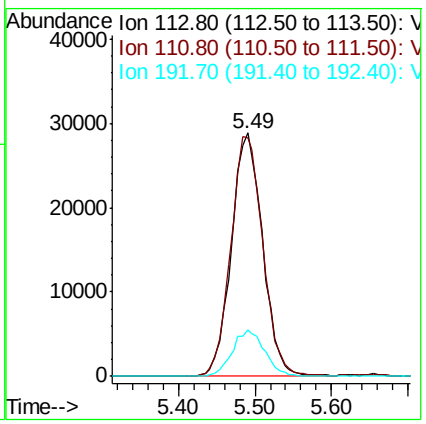




#35
Dibromofluoromethane
Concen: 51.893 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX013109.D
Acq: 17 Oct 2019 15:57

Tgt Ion:113 Resp: 81397

Ion	Ratio	Lower	Upper
113	100		
111	101.3	83.2	124.8
192	19.6	15.4	23.2



Instrument :
MSVOA_X
ClientSampleId :
MW-18

Manual Integrations APPROVED
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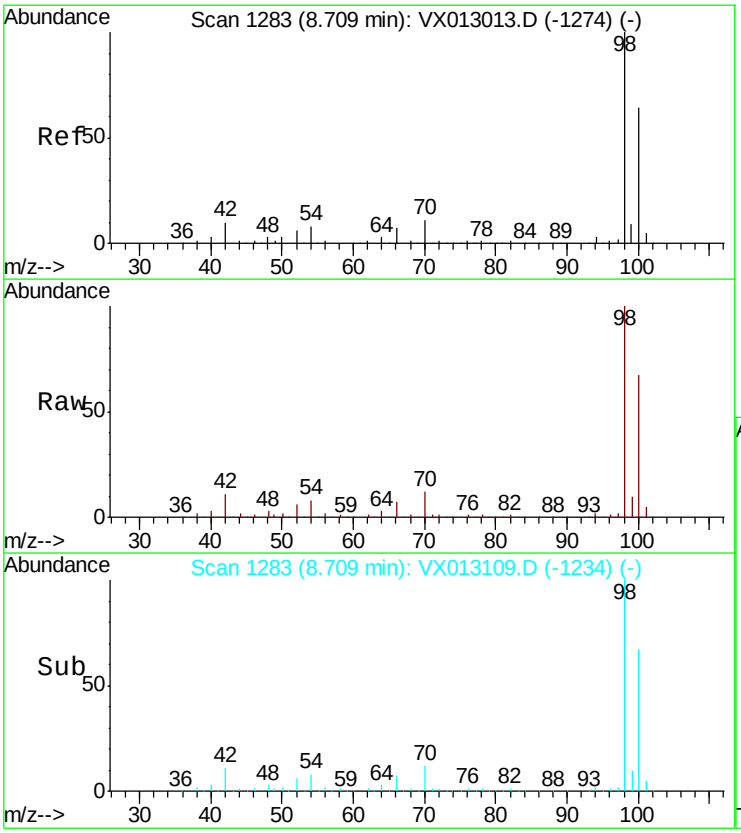
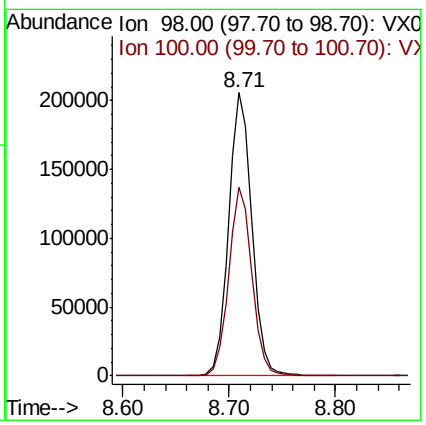
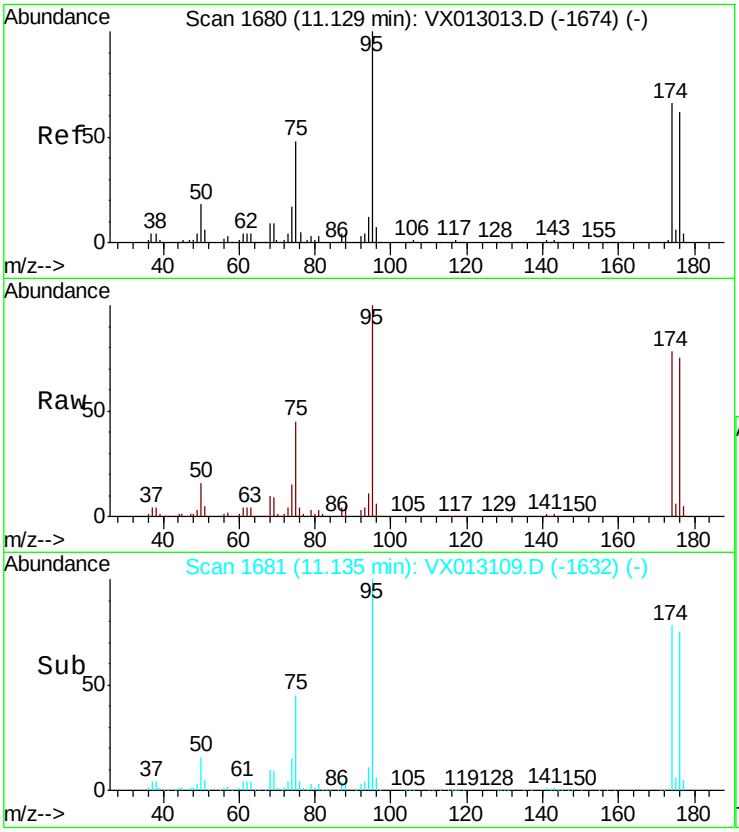


#50
Toluene-d8
Concen: 51.434 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013109.D
Acq: 17 Oct 2019 15:57

Tgt Ion: 98 Resp: 314659

Ion	Ratio	Lower	Upper
98	100		
100	66.8	53.4	80.2

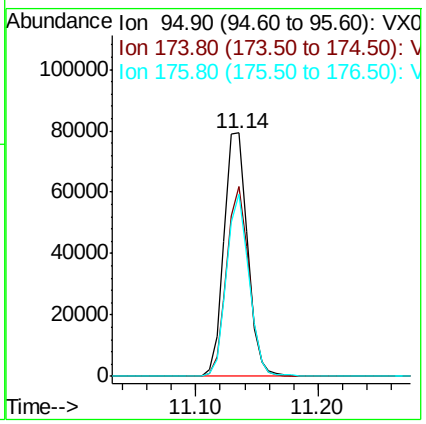




#62
4-Bromofluorobenzene
Concen: 44.576 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX013109.D
Acq: 17 Oct 2019 15:57

Tgt Ion: 95 Resp: 105962

Ion	Ratio	Lower	Upper
95	100		
174	73.8	0.0	143.4
176	70.8	0.0	136.0



Instrument :
MSVOA_X
ClientSampleId :
MW-18

Manual Integrations APPROVED
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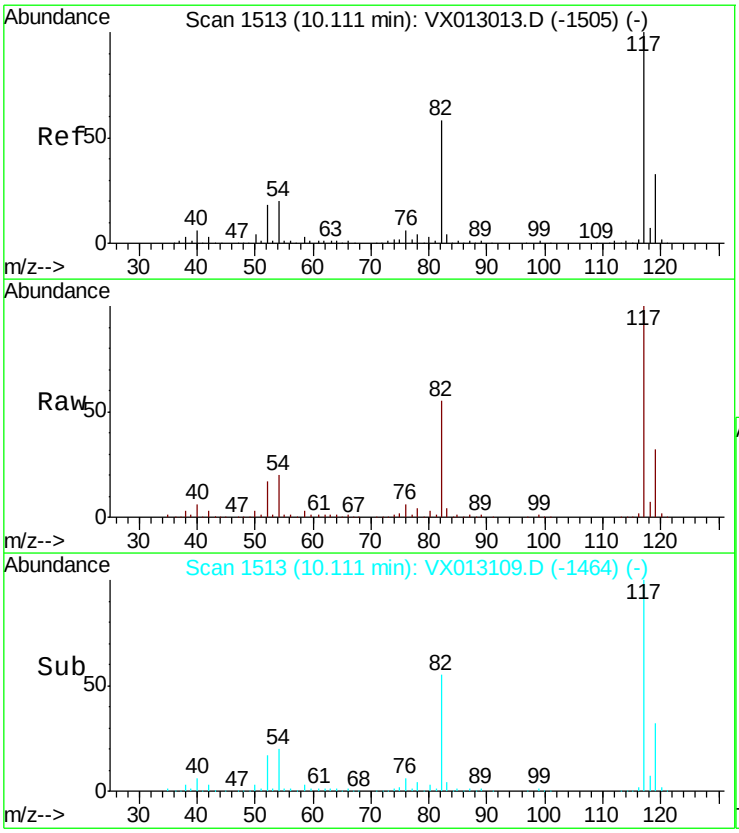
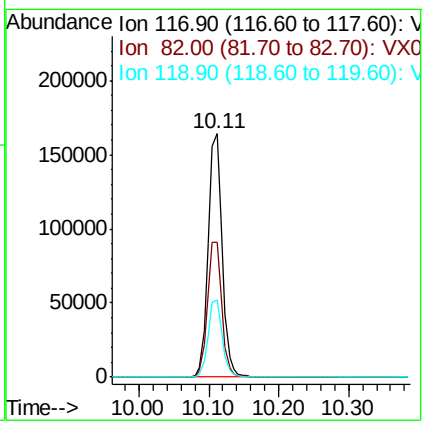
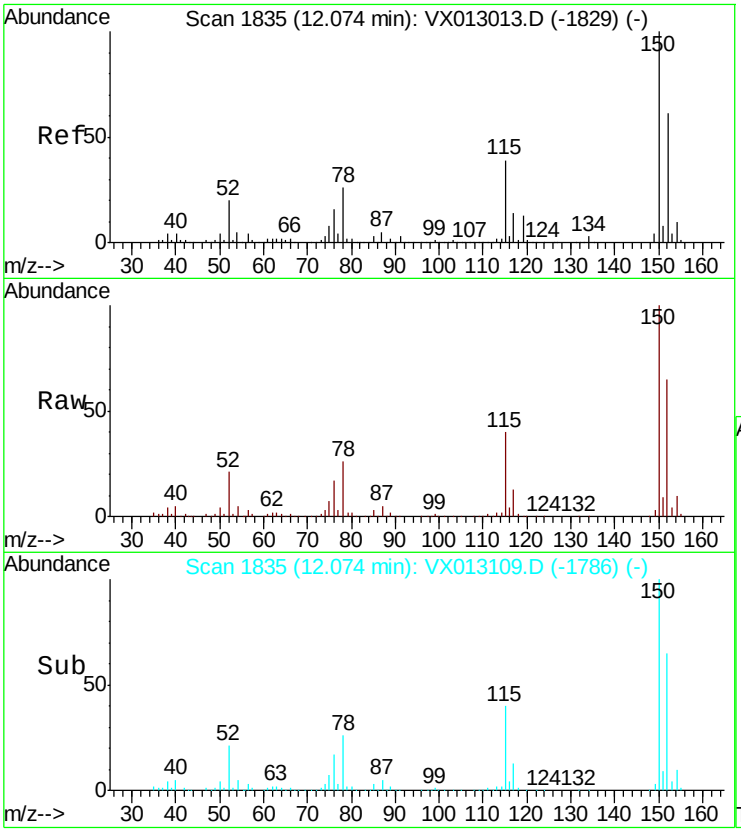


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013109.D
Acq: 17 Oct 2019 15:57

Tgt Ion:117 Resp: 228211

Ion	Ratio	Lower	Upper
117	100		
82	55.1	44.1	66.1
119	31.6	25.8	38.8

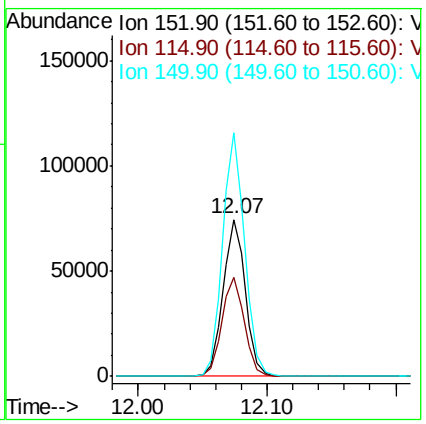




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX013109.D
Acq: 17 Oct 2019 15:57

Tgt Ion:152 Resp: 90669

Ion	Ratio	Lower	Upper
152	100		
115	63.7	44.5	133.5
150	153.9	0.0	353.4



Instrument :
MSVOA_X
ClientSampleId :
MW-18

Manual Integrations APPROVED
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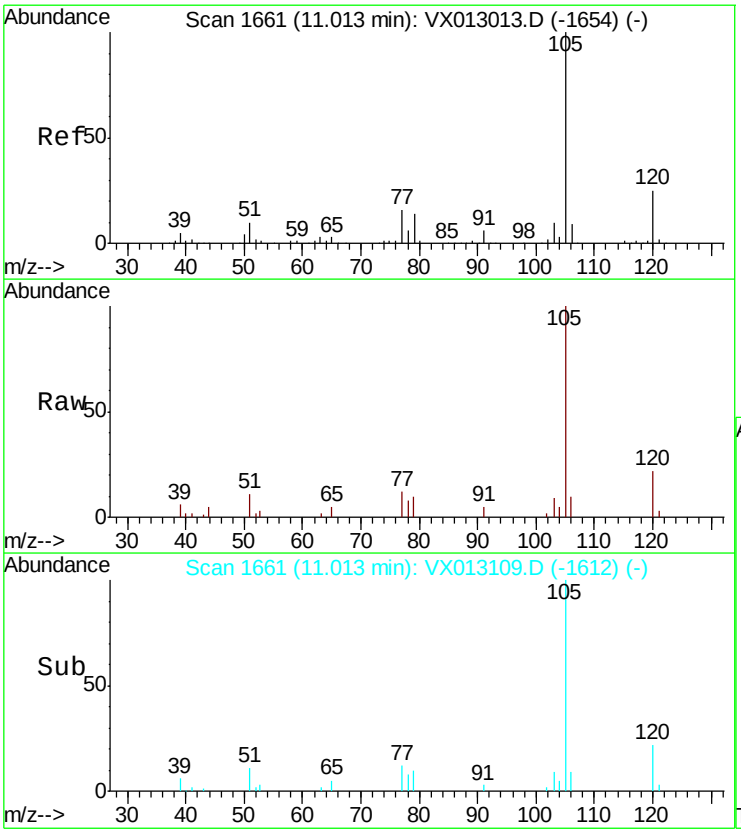
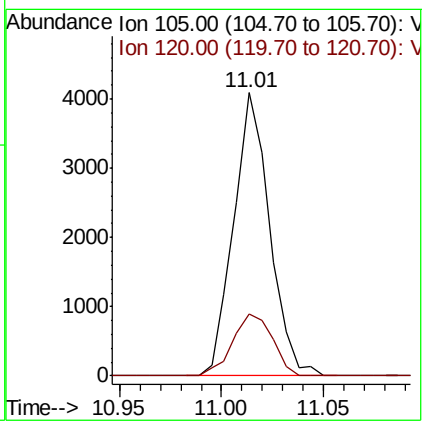
10/18/2019 10:05:23 AM

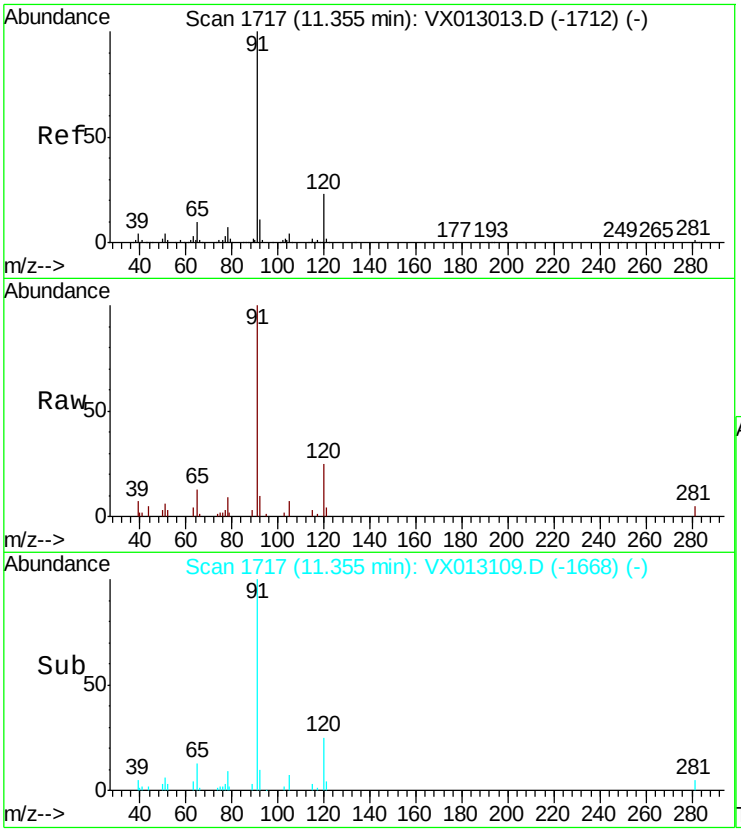


#73
Isopropylbenzene
Concen: 0.750 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX013109.D
Acq: 17 Oct 2019 15:57

Tgt Ion:105 Resp: 5001

Ion	Ratio	Lower	Upper
105	100		
120	24.2	13.0	39.0





#78
n-propylbenzene
Concen: 0.922 ug/l
RT: 11.35 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VX013109.D
Acq: 17 Oct 2019 15:57

Tgt Ion: 91 Resp: 6760

Ion	Ratio	Lower	Upper
91	100		
120	21.6	11.7	35.1

Instrument :
MSVOA_X
ClientSampleId :
MW-18

Manual Integrations APPROVED
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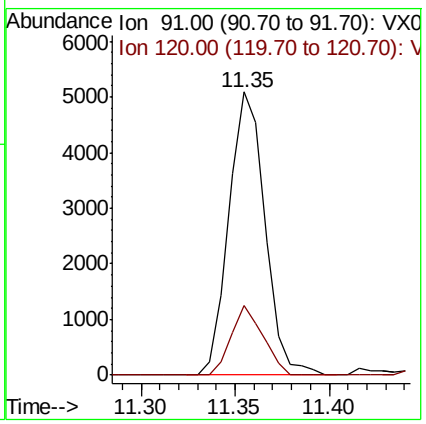
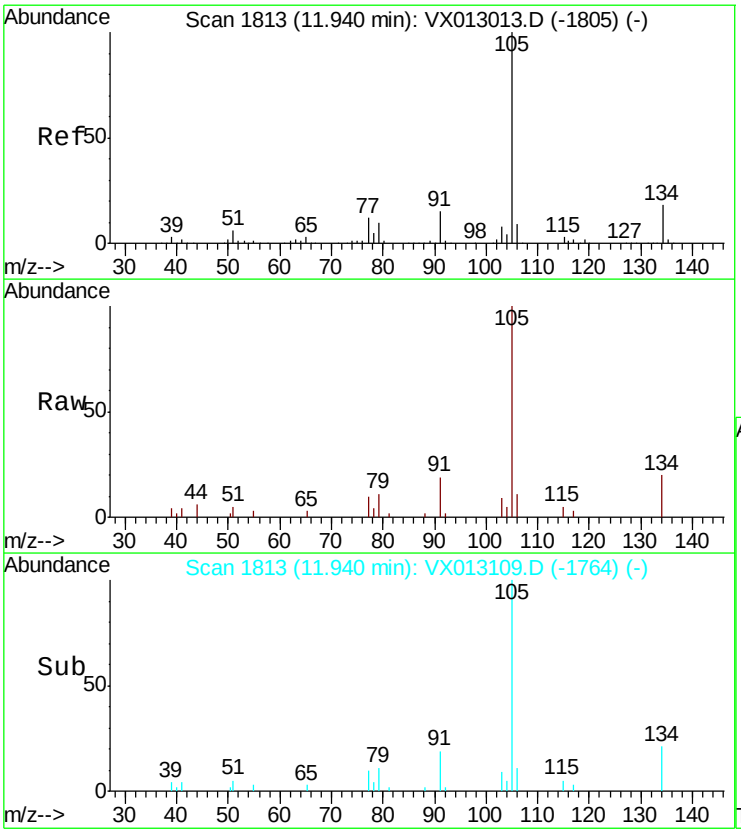
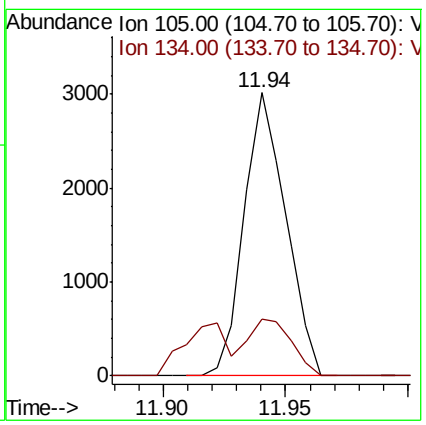


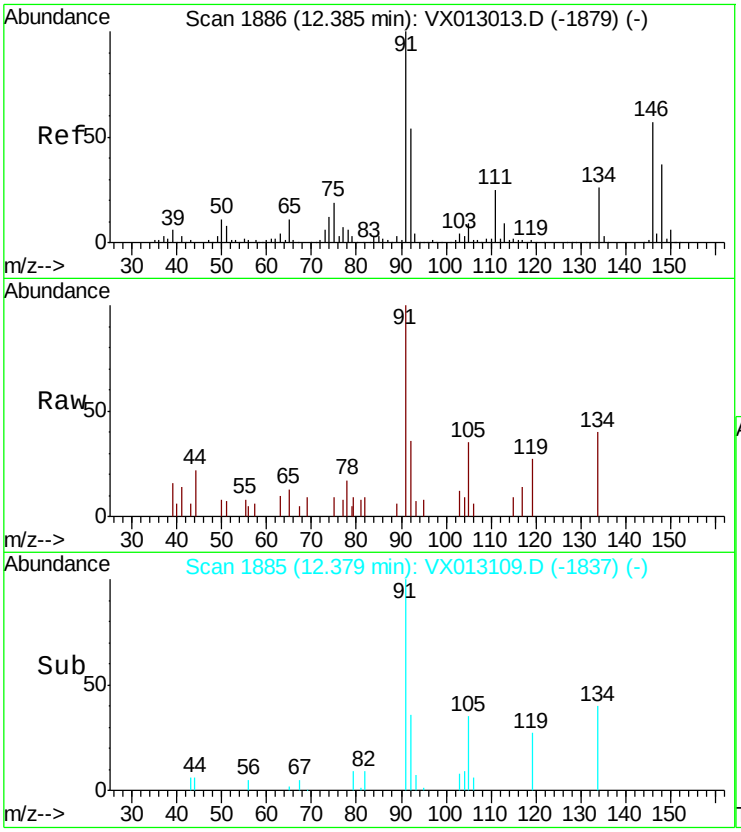


#85
sec-Butylbenzene
Concen: 0.572 ug/l
RT: 11.94 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VX013109.D
Acq: 17 Oct 2019 15:57

Tgt Ion:105 Resp: 3597

Ion	Ratio	Lower	Upper
105	100		
134	21.0	10.0	30.0

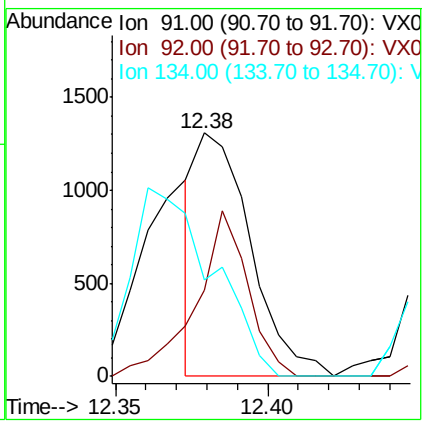




#89
n-Butylbenzene
Concen: 0.329 ug/l m
RT: 12.38 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX013109.D
Acq: 17 Oct 2019 15:57

Tgt Ion: 91 Resp: 1613

Ion	Ratio	Lower	Upper
91	100		
92	65.7	27.5	82.5
134	0.0	12.9	38.7#



Instrument :
MSVOA_X
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MW-18

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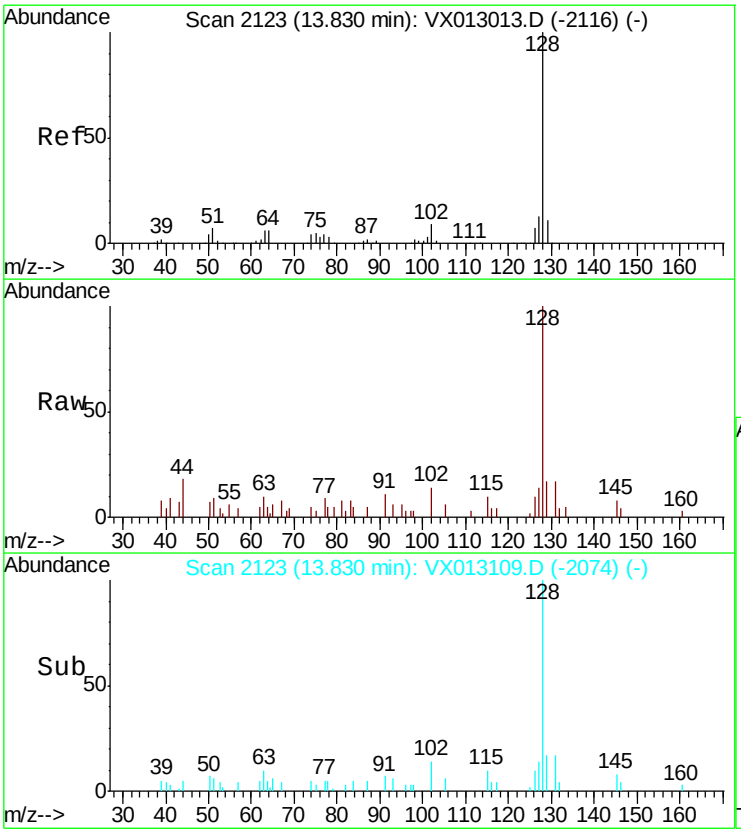

#95
Naphthalene
Concen: 0.682 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX013109.D
Acq: 17 Oct 2019 15:57

Tgt Ion:128 Resp: 4237

Ion	Ratio	Lower	Upper
128	100		
127	14.1	10.2	15.4
129	3.3	8.8	13.2#