Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100419\
Data File : VX012808.D
Acq On : 04 Oct 2019 13:51
Operator : JC/SP
Sample : K5176-15ME
Misc : 5.00g/10mL/100uL/10mL/MSVOA_X/MEOH
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 30459-61ME

Manual Integrations APPROVED
MMDadoda
10/7/2019 9:26:46 AM

Quant Time: Oct 07 09:54:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 23 12:27:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	158610	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	267480	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	225572	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	98149	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	104845	45.39	ug/l	0.00
Spiked Amount 50.000			Recovery = 90.78%			
35) Dibromofluoromethane	5.49	113	79177	49.70	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.40%			
50) Toluene-d8	8.71	98	312668	50.97	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.94%			
62) 4-Bromofluorobenzene	11.14	95	113189	46.92	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.84%			
Target Compounds						Qvalue
20) Methylene Chloride	2.83	84	2951	1.426	ug/l #	82
30) Chloroform	5.20	83	25371	6.978	ug/l	94
39) Methylcyclohexane	7.45	83	1921	0.619	ug/l #	87
52) Toluene	8.78	92	88358	18.532	ug/l	99
67) Ethyl Benzene	10.25	91	16284	1.890	ug/l	99
68) m/p-Xylenes	10.35	106	33108	10.259	ug/l	99
69) o-Xylene	10.70	106	15791	5.057	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	7401	1.104	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	28048	4.148	ug/l	97
86) p-Isopropyltoluene	12.06	119	35803	5.276	ug/l	99
89) n-Butylbenzene	12.39	91	5043m	0.843	ug/l	
95) Naphthalene	13.83	128	12577	1.749	ug/l #	86

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

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100419\
Data File : VX012808.D
Acq On : 04 Oct 2019 13:51
Operator : JC/SP
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Misc : 5.00g/10mL/100uL/10mL/MSVOA_X/MEOH
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 07 09:54:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 23 12:27:01 2019
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
30459-61ME

Manual Integrations APPROVED
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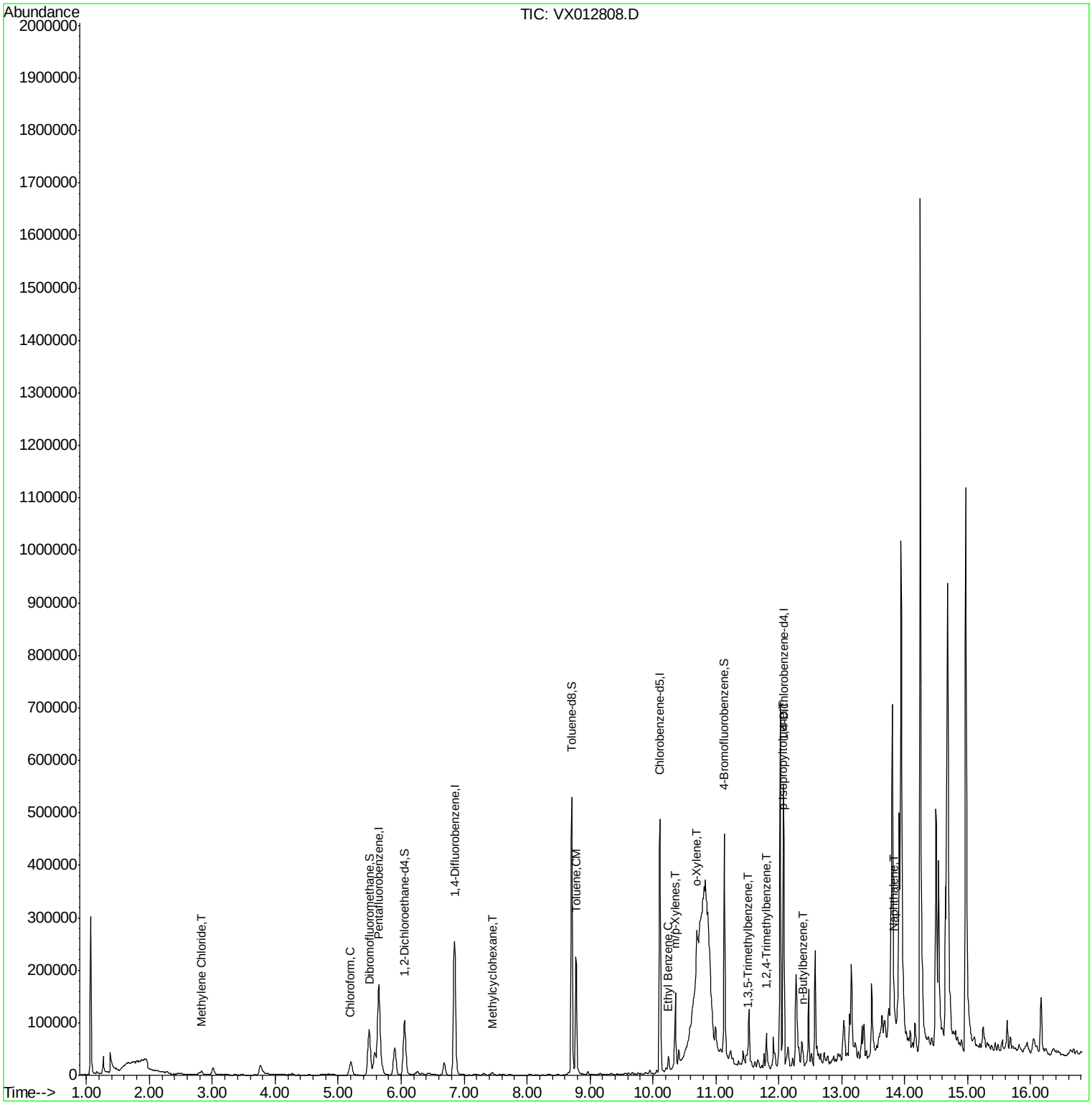
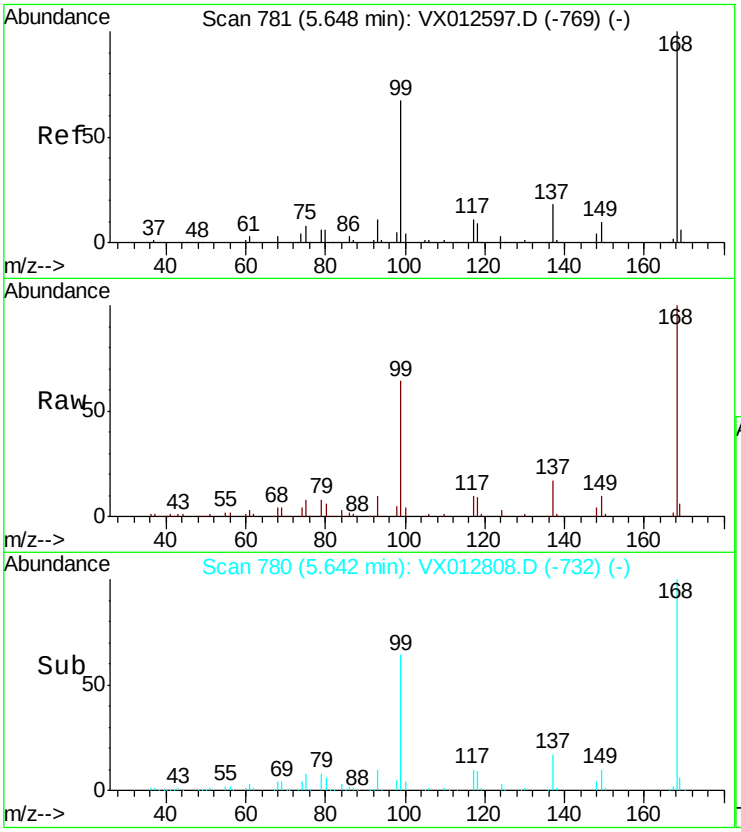
10/7/2019 9:26:46 AM

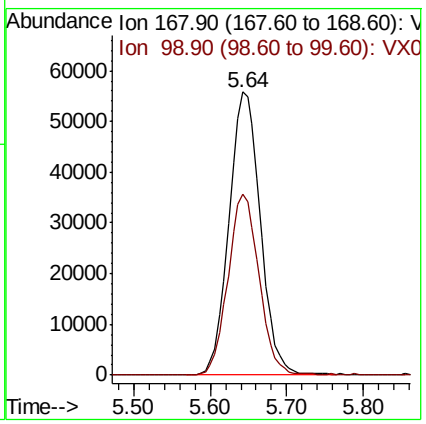




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.64 min Scan# 780
Delta R.T. -0.01 min
Lab File: VX012808.D
Acq: 04 Oct 2019 13:51

Tgt Ion:168 Resp: 158610

Ion	Ratio	Lower	Upper
168	100		
99	63.8	51.4	77.2



Instrument :
MSVOA_X
ClientSampleId :
30459-61ME

Manual Integrations APPROVED
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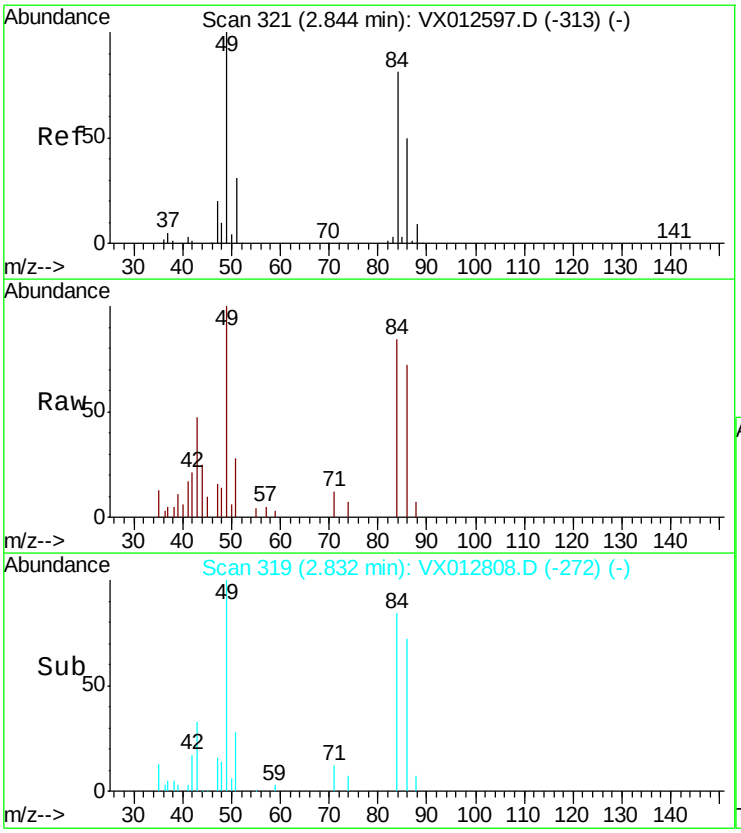
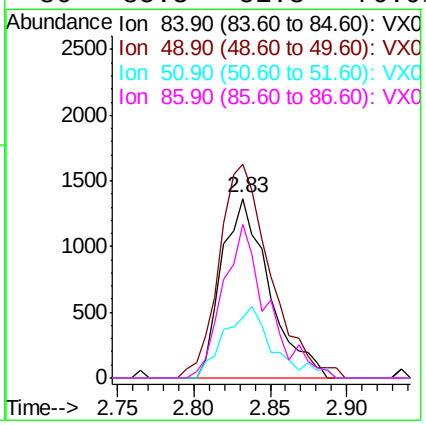
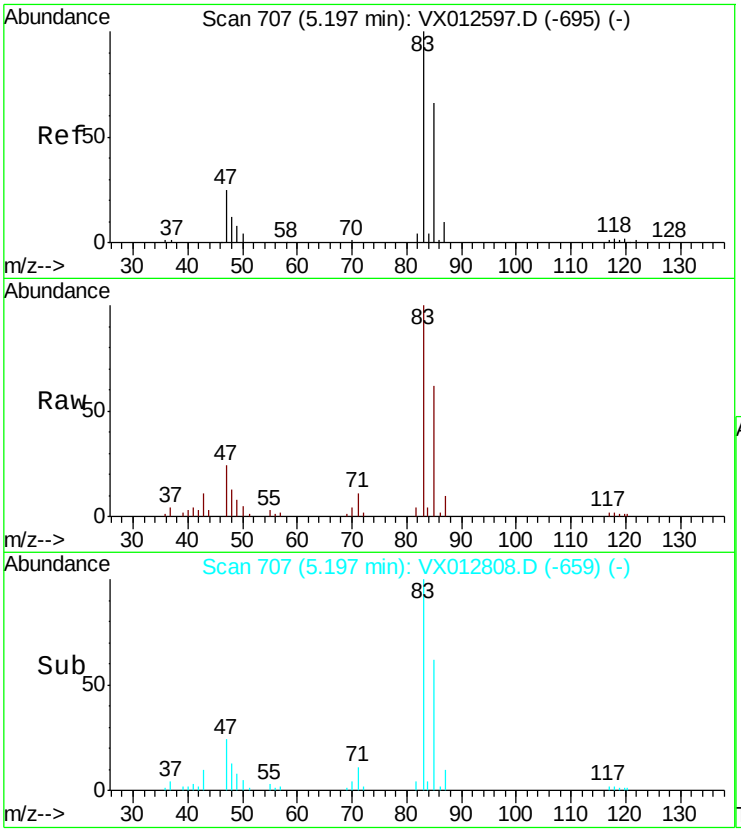


#20
Methylene Chloride
Concen: 1.426 ug/l
RT: 2.83 min Scan# 319
Delta R.T. -0.01 min
Lab File: VX012808.D
Acq: 04 Oct 2019 13:51

Tgt Ion: 84 Resp: 2951

Ion	Ratio	Lower	Upper
84	100		
49	113.8	106.8	160.2
51	33.6	32.3	48.5
86	85.3	51.3	76.9#

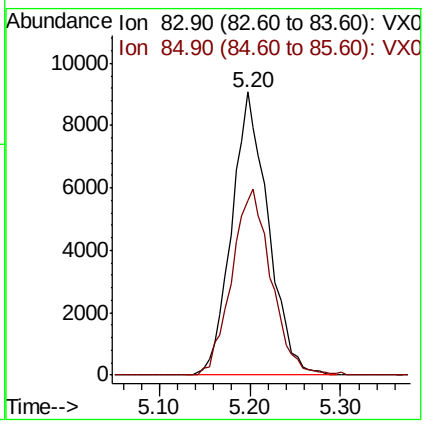




#30
Chloroform
Concen: 6.978 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX012808.D
Acq: 04 Oct 2019 13:51

Tgt Ion: 83 Resp: 25371

Ion	Ratio	Lower	Upper
83	100		
85	61.6	53.0	79.4



Instrument :
MSVOA_X
ClientSampleId :
30459-61ME

Manual Integrations APPROVED
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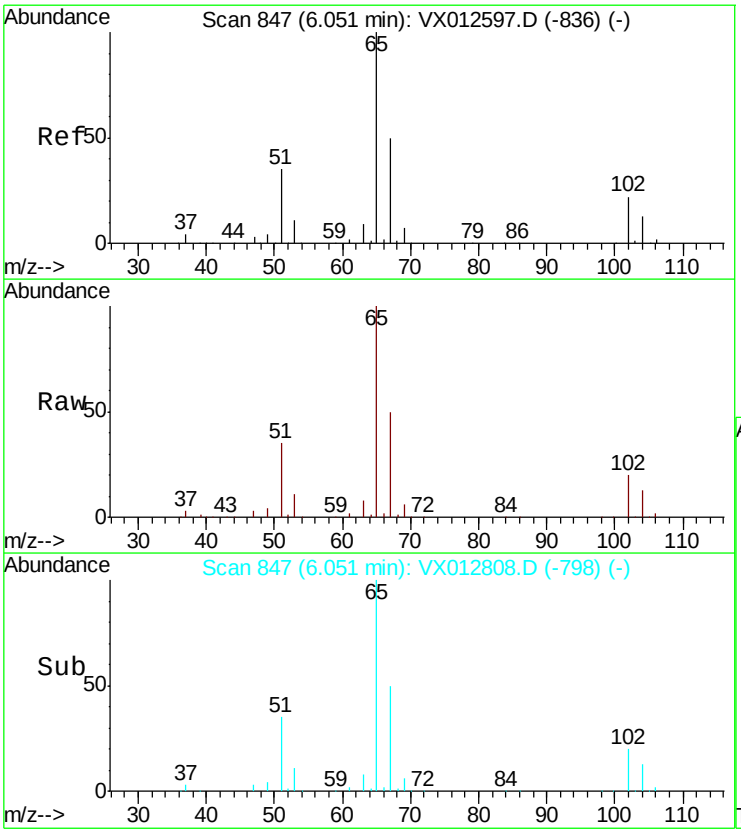
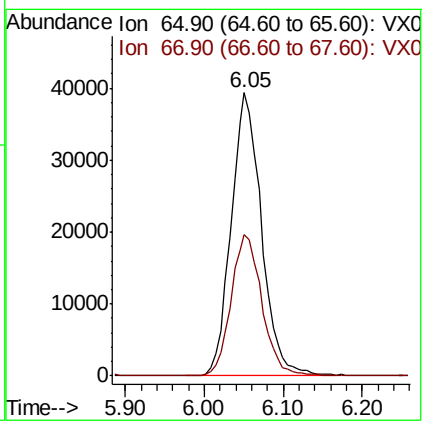
10/7/2019 9:26:46 AM

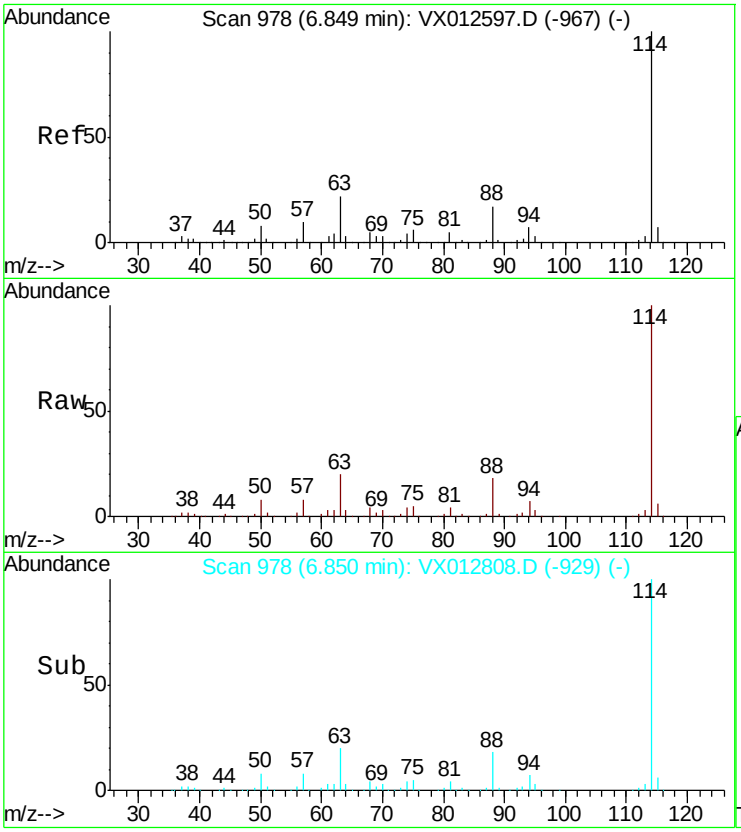


#33
1,2-Dichloroethane-d4
Concen: 45.394 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX012808.D
Acq: 04 Oct 2019 13:51

Tgt Ion: 65 Resp: 104845

Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	101.2

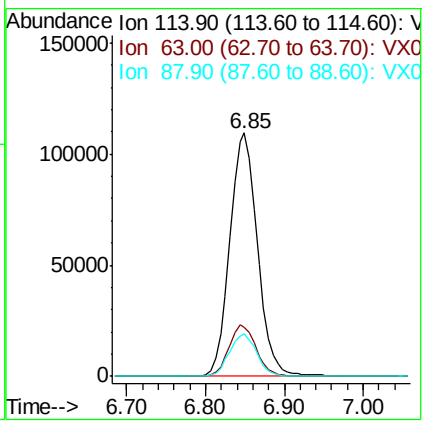




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX012808.D
Acq: 04 Oct 2019 13:51

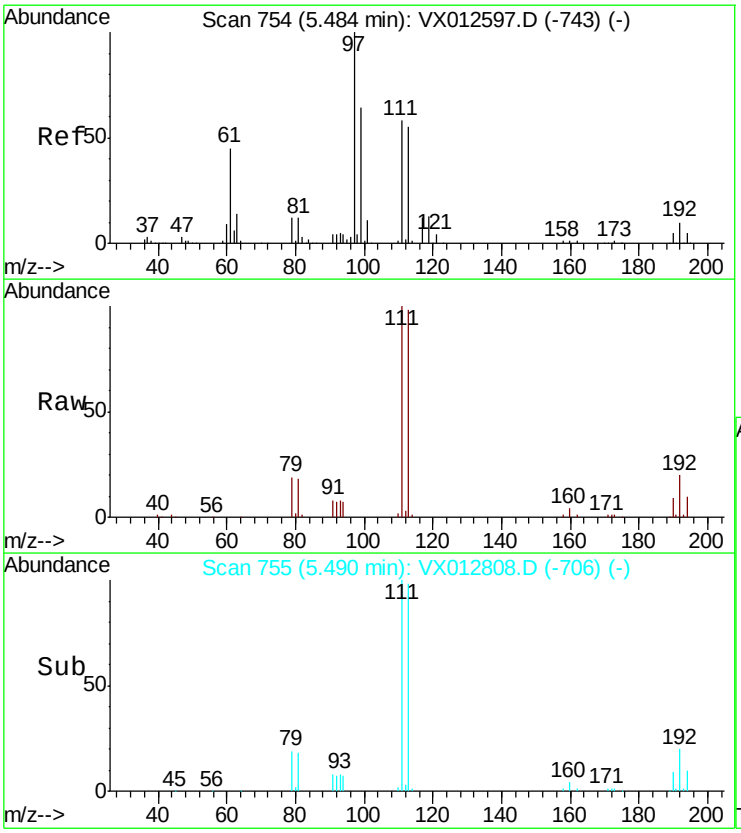
Tgt Ion:114 Resp: 267480

Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	43.2
88	17.5	0.0	33.2



Instrument :
MSVOA_X
ClientSampleId :
30459-61ME

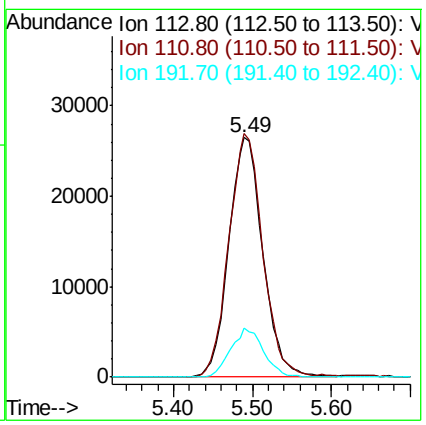
Manual Integrations APPROVED
MMDadoda
10/7/2019 9:26:46 AM

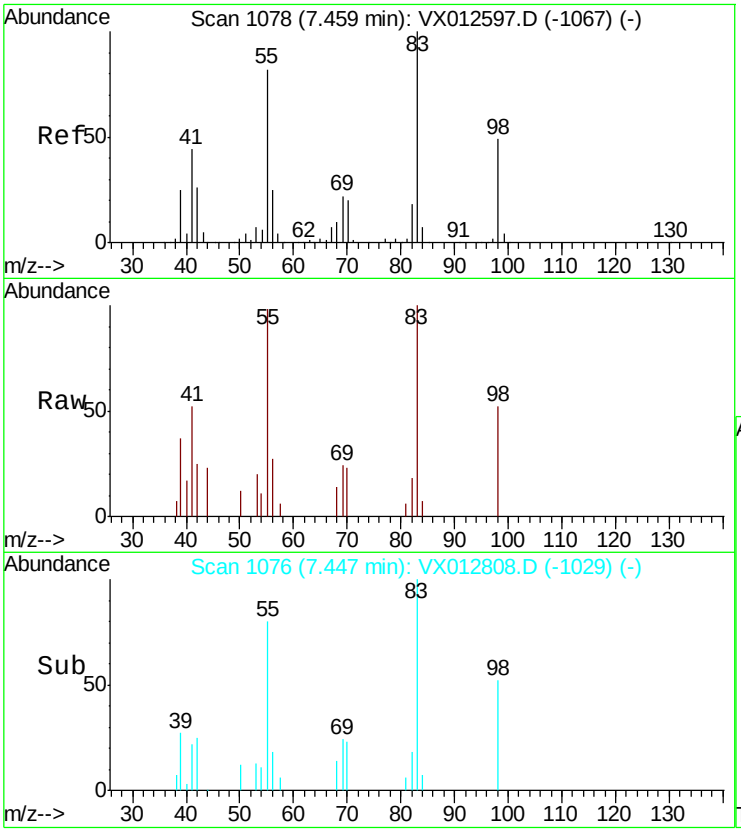


#35
Dibromofluoromethane
Concen: 49.704 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX012808.D
Acq: 04 Oct 2019 13:51

Tgt Ion:113 Resp: 79177

Ion	Ratio	Lower	Upper
113	100		
111	101.8	83.4	125.2
192	19.6	14.4	21.6

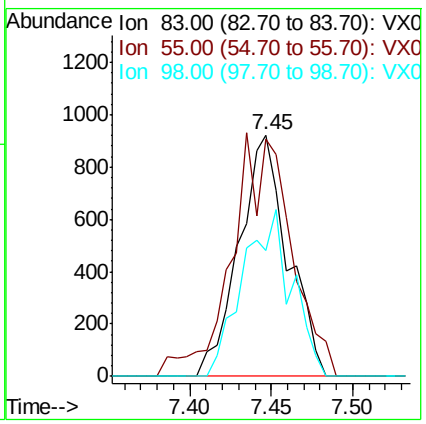




#39
Methylcyclohexane
Concen: 0.619 ug/l
RT: 7.45 min Scan# 1076
Delta R.T. -0.01 min
Lab File: VX012808.D
Acq: 04 Oct 2019 13:51

Tgt Ion: 83 Resp: 1921

Ion	Ratio	Lower	Upper
83	100		
55	98.2	64.4	96.6#
98	51.9	40.1	60.1



Instrument :
MSVOA_X
ClientSampleId :
30459-61ME

Manual Integrations APPROVED
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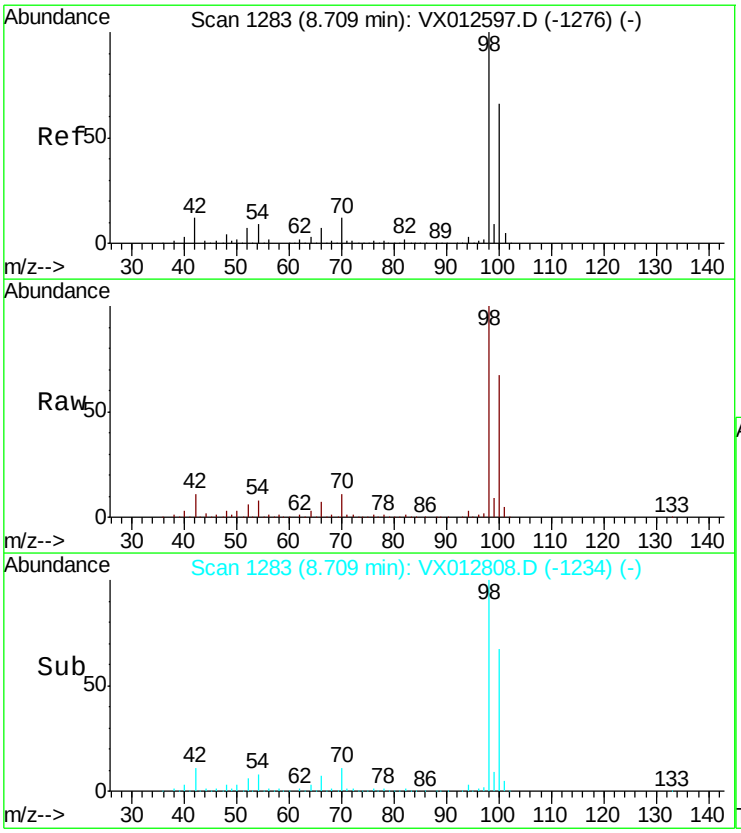
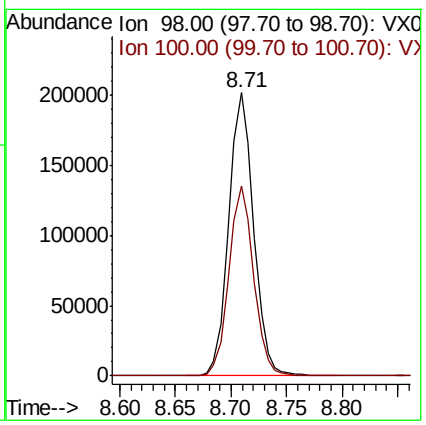
10/7/2019 9:26:46 AM

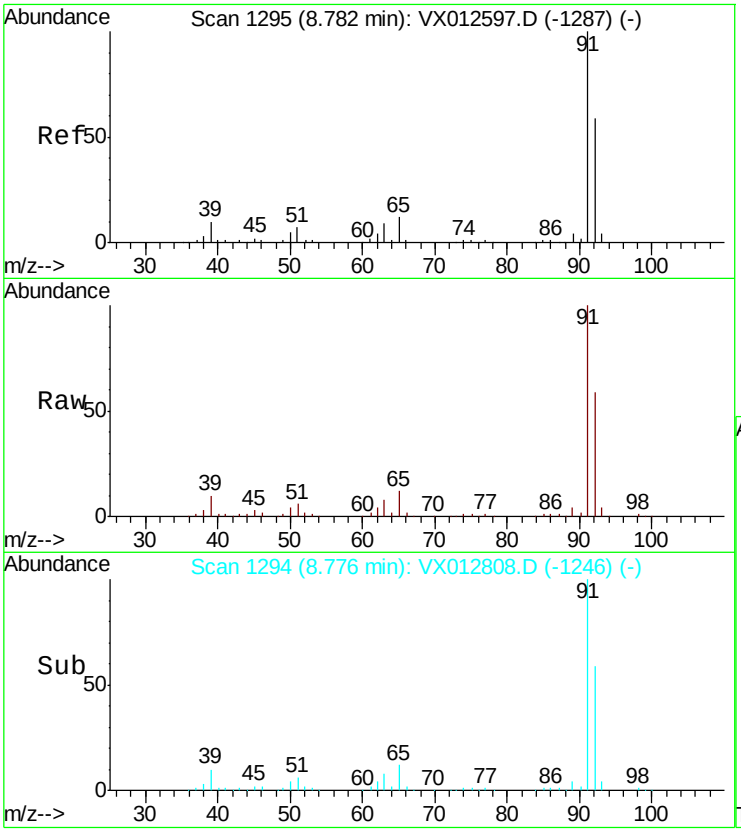


#50
Toluene-d8
Concen: 50.968 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012808.D
Acq: 04 Oct 2019 13:51

Tgt Ion: 98 Resp: 312668

Ion	Ratio	Lower	Upper
98	100		
100	66.9	53.4	80.2

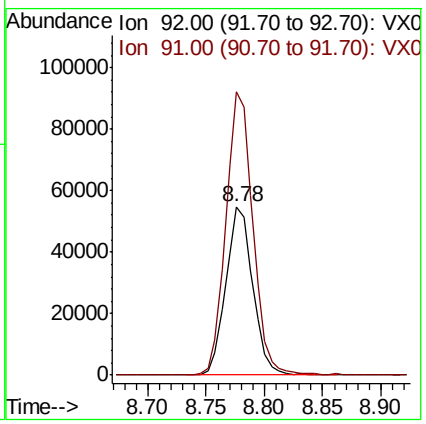




#52
Toluene
Concen: 18.532 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. -0.01 min
Lab File: VX012808.D
Acq: 04 Oct 2019 13:51

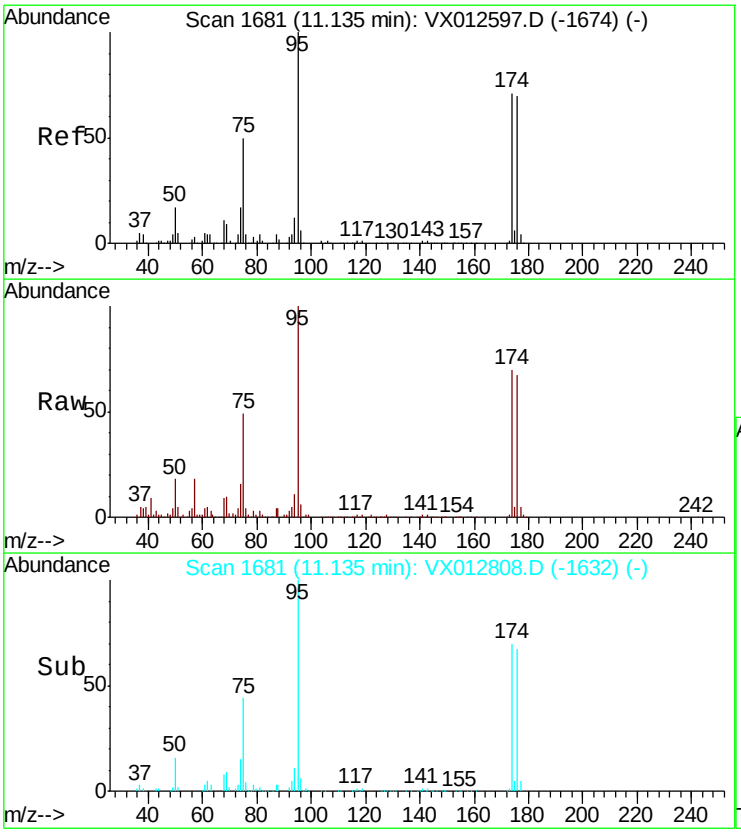
Tgt Ion: 92 Resp: 88358

Ion	Ratio	Lower	Upper
92	100		
91	167.7	135.4	203.0



Instrument :
MSVOA_X
ClientSampleId :
30459-61ME

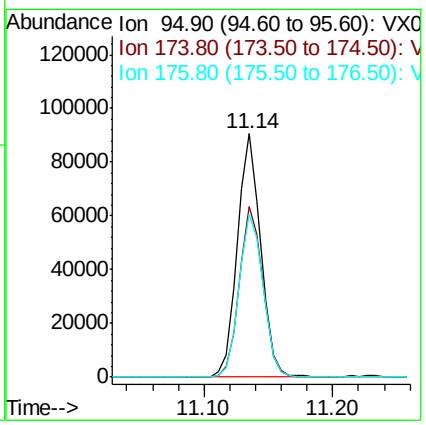
Manual Integrations APPROVED
MMDadoda
10/7/2019 9:26:46 AM

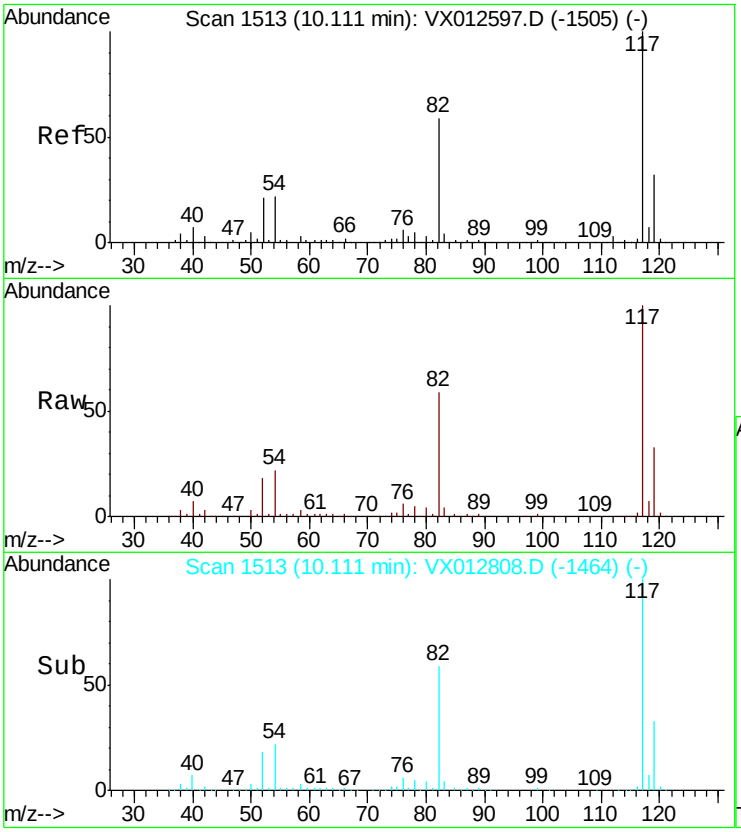


#62
4-Bromofluorobenzene
Concen: 46.925 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX012808.D
Acq: 04 Oct 2019 13:51

Tgt Ion: 95 Resp: 113189

Ion	Ratio	Lower	Upper
95	100		
174	70.6	0.0	140.0
176	68.9	0.0	135.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012808.D
Acq: 04 Oct 2019 13:51

Tgt Ion:117 Resp: 225572

Ion	Ratio	Lower	Upper
117	100		
82	59.0	45.9	68.9
119	32.8	25.3	37.9

Instrument :
MSVOA_X
ClientSampleId :
30459-61ME

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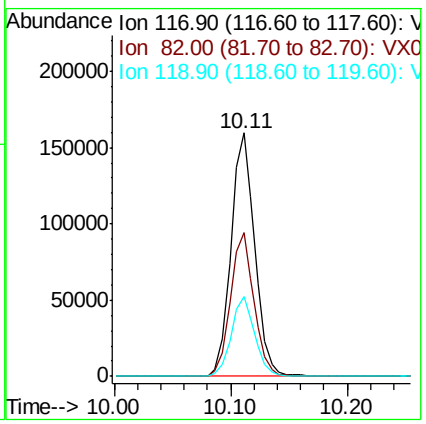
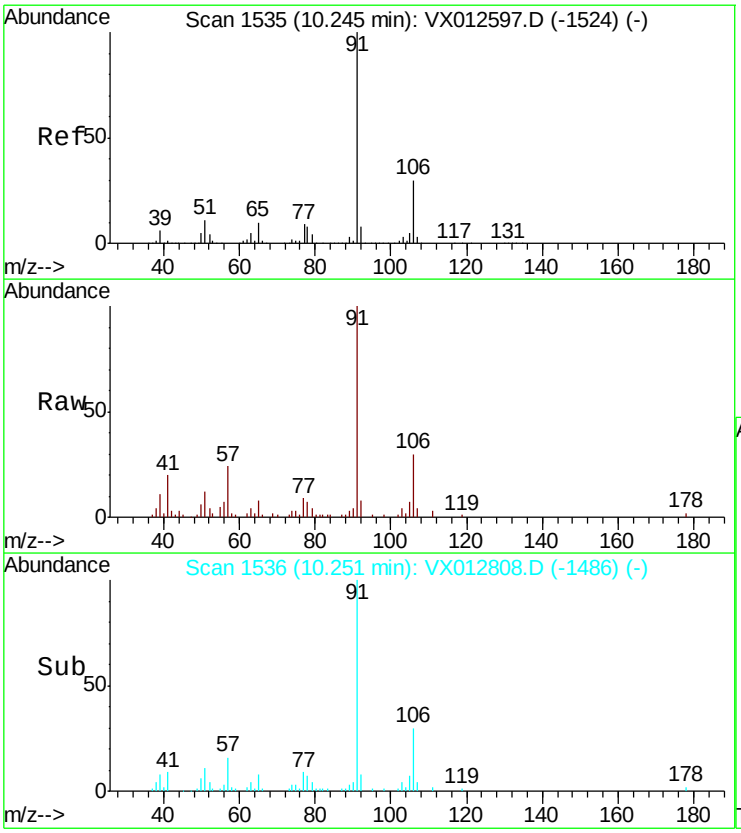
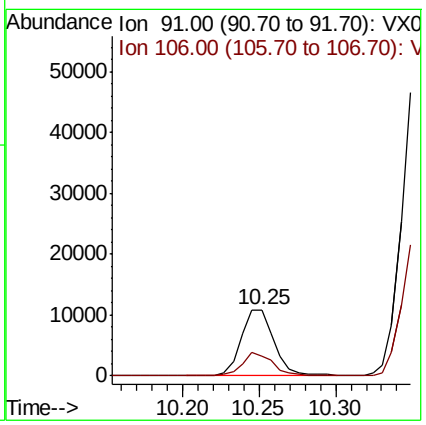


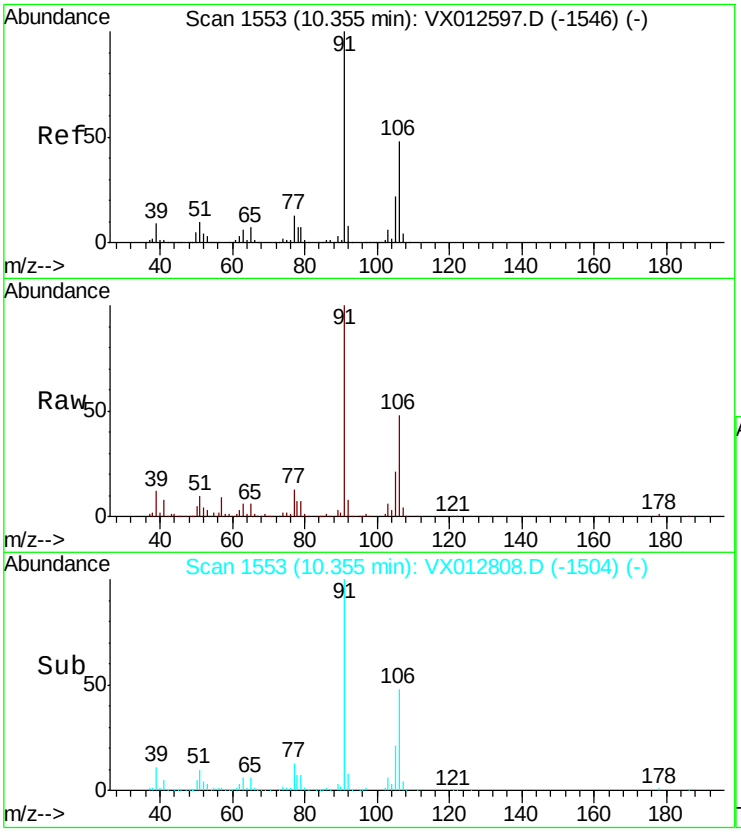


#67
Ethyl Benzene
Concen: 1.890 ug/l
RT: 10.25 min Scan# 1536
Delta R.T. 0.01 min
Lab File: VX012808.D
Acq: 04 Oct 2019 13:51

Tgt Ion: 91 Resp: 16284

Ion	Ratio	Lower	Upper
91	100		
106	30.4	24.6	37.0





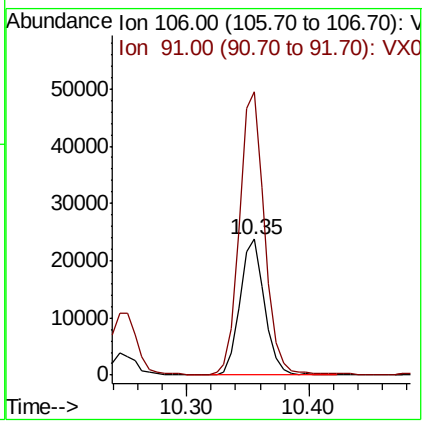
#68
m/p-Xylenes
Concen: 10.259 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX012808.D
Acq: 04 Oct 2019 13:51

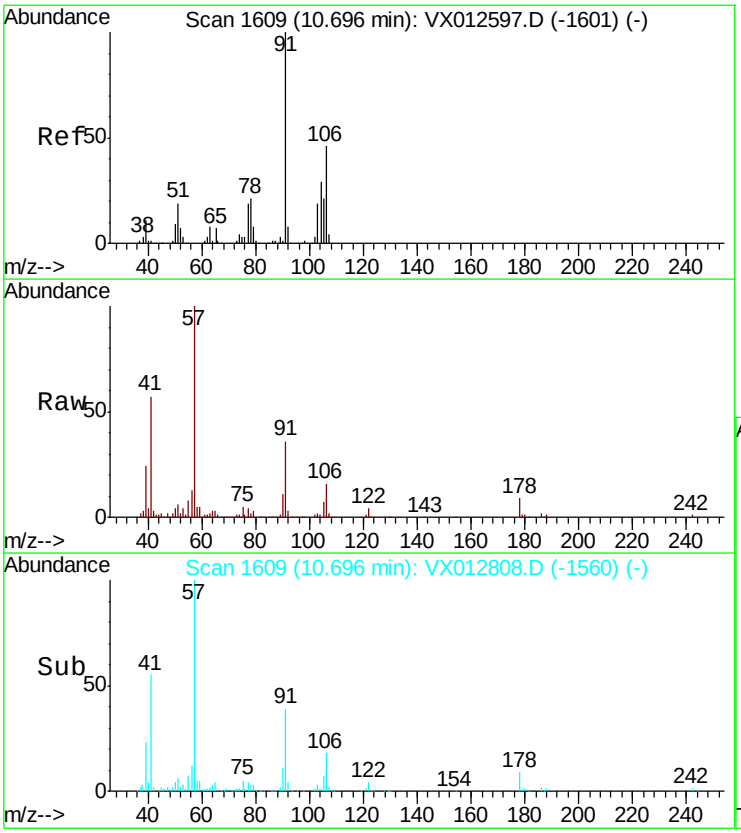
Tgt Ion:106 Resp: 33108

Ion	Ratio	Lower	Upper
106	100		
91	209.7	166.6	250.0

Instrument :
MSVOA_X
ClientSampleId :
30459-61ME

Manual Integrations APPROVED
MMDadoda
10/7/2019 9:26:46 AM

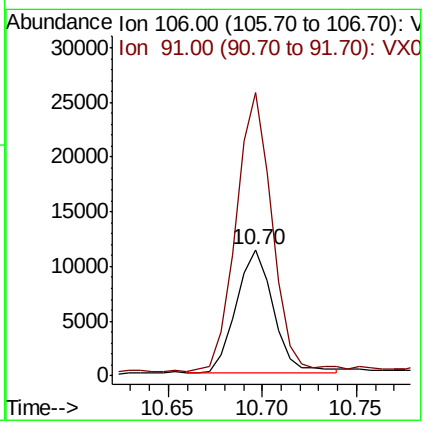


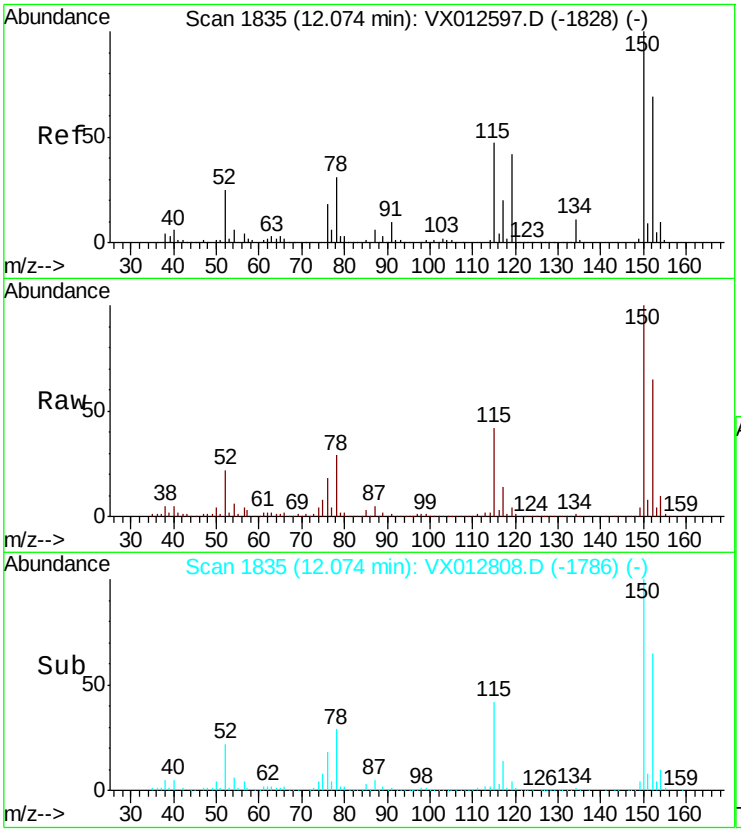


#69
o-Xylene
Concen: 5.057 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012808.D
Acq: 04 Oct 2019 13:51

Tgt Ion:106 Resp: 15791

Ion	Ratio	Lower	Upper
106	100		
91	219.1	109.4	328.2

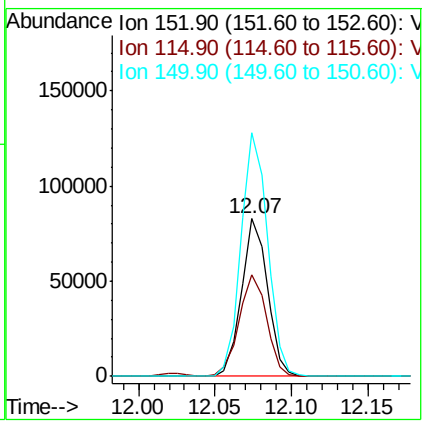




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX012808.D
Acq: 04 Oct 2019 13:51

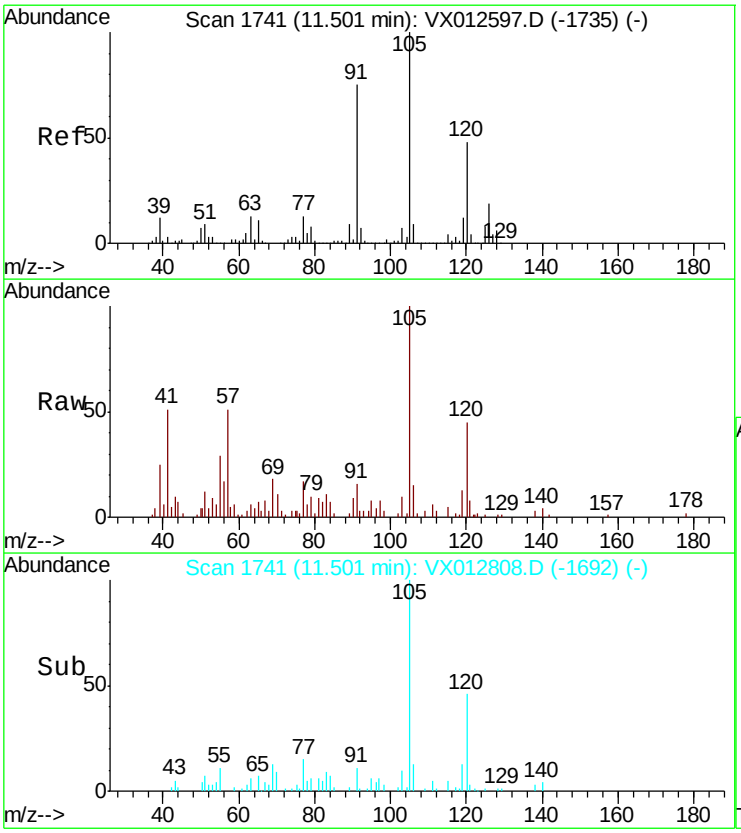
Tgt Ion:152 Resp: 98149

Ion	Ratio	Lower	Upper
152	100		
115	68.0	44.1	132.3
150	157.5	0.0	343.8



Instrument :
MSVOA_X
ClientSampleId :
30459-61ME

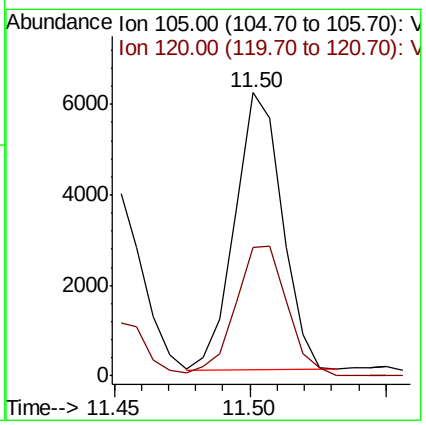
Manual Integrations APPROVED
MMDadoda
10/7/2019 9:26:46 AM

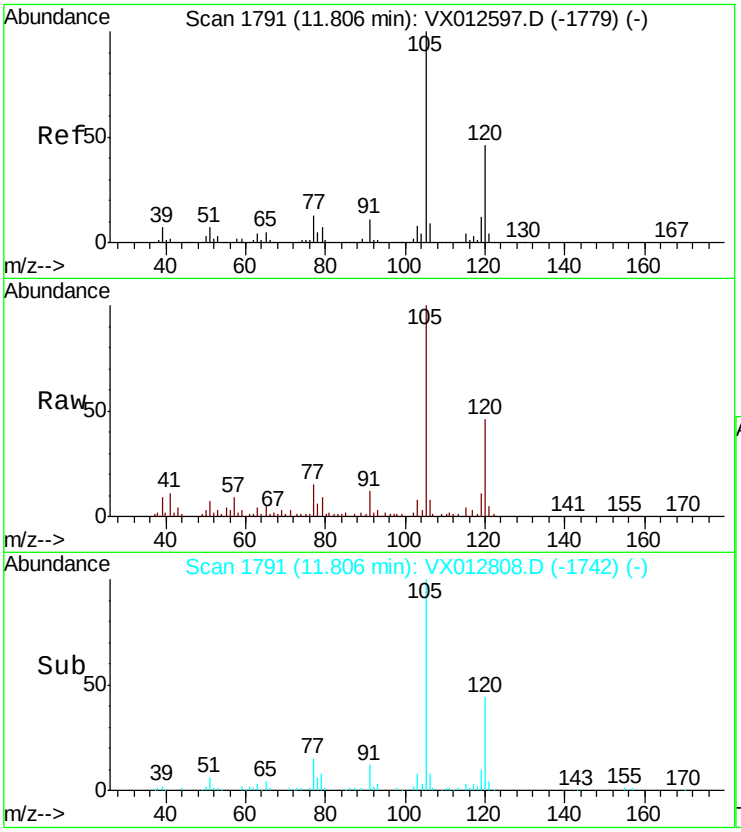


#80
1,3,5-Trimethylbenzene
Concen: 1.104 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX012808.D
Acq: 04 Oct 2019 13:51

Tgt Ion:105 Resp: 7401

Ion	Ratio	Lower	Upper
105	100		
120	51.3	24.3	72.8

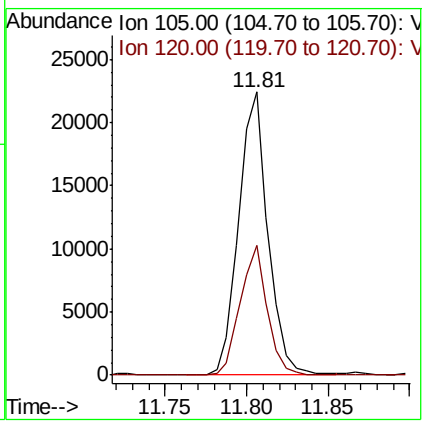




#84
1,2,4-Trimethylbenzene
Concen: 4.148 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. 0.00 min
Lab File: VX012808.D
Acq: 04 Oct 2019 13:51

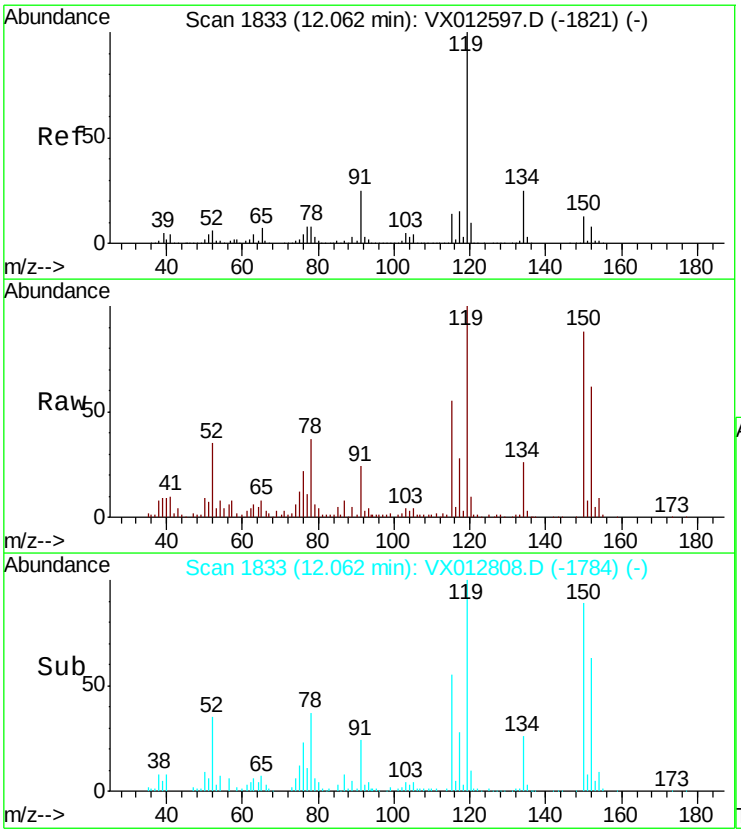
Tgt Ion:105 Resp: 28048

Ion	Ratio	Lower	Upper
105	100		
120	42.2	22.2	66.6



Instrument :
MSVOA_X
ClientSampleId :
30459-61ME

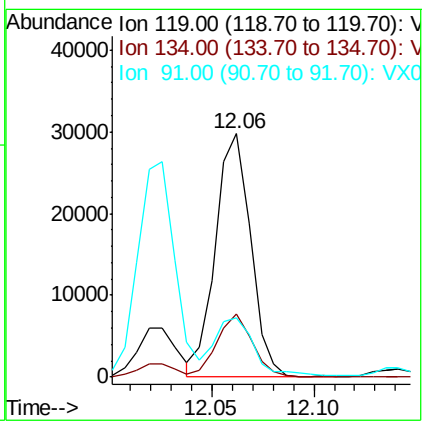
Manual Integrations APPROVED
MMDadoda
10/7/2019 9:26:46 AM

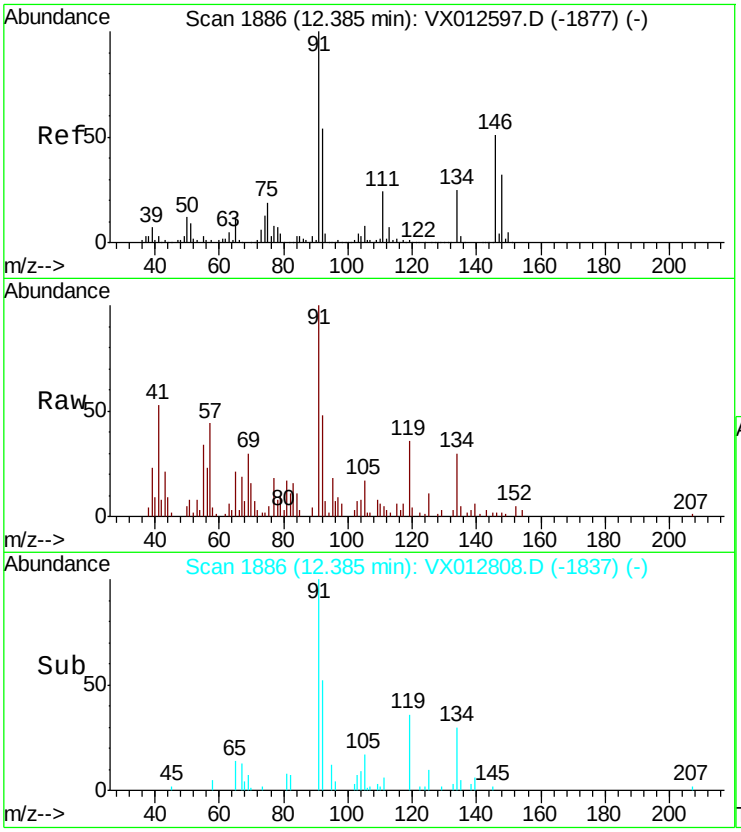


#86
p-Isopropyltoluene
Concen: 5.276 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX012808.D
Acq: 04 Oct 2019 13:51

Tgt Ion:119 Resp: 35803

Ion	Ratio	Lower	Upper
119	100		
134	25.9	12.7	38.1
91	26.3	12.8	38.4





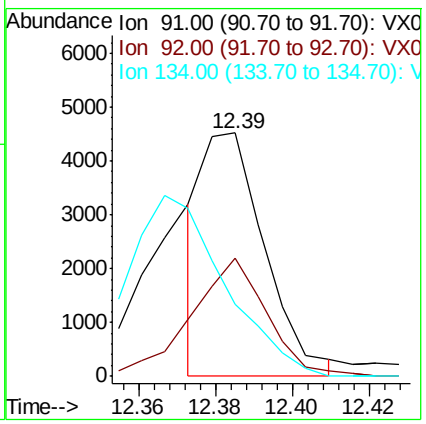
#89
n-Butylbenzene
Concen: 0.843 ug/l m
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX012808.D
Acq: 04 Oct 2019 13:51

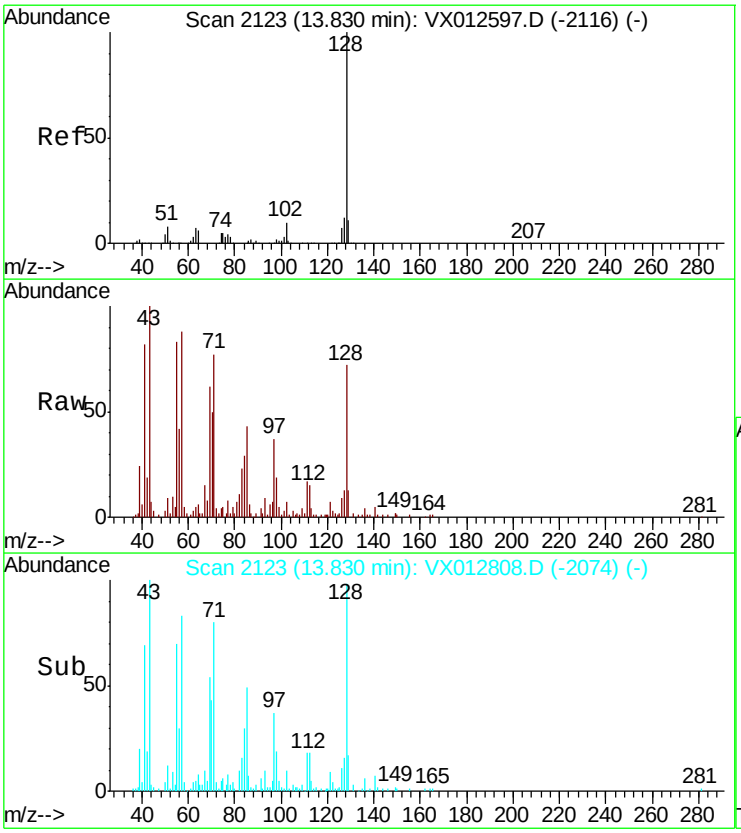
Tgt Ion: 91 Resp: 5043

Ion	Ratio	Lower	Upper
91	100		
92	59.6	27.7	83.0
134	116.1	12.9	38.6#

Instrument :
MSVOA_X
ClientSampleId :
30459-61ME

Manual Integrations APPROVED
MMDadoda
10/7/2019 9:26:46 AM





#95
Naphthalene
Concen: 1.749 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX012808.D
Acq: 04 Oct 2019 13:51

Tgt Ion:128 Resp: 12577

Ion	Ratio	Lower	Upper
128	100		
127	16.3	10.2	15.4#
129	19.0	8.8	13.2#