Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082418\
Data File : VX004249.D
Acq On : 24 Aug 2018 16:15
Operator : JC/MD
Sample : J4652-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SONO-W

Manual Integrations APPROVED
MMDadoda
8/25/2018 11:43:00 AM

Quant Time: Aug 25 12:02:54 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 23 05:39:44 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	301706	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	470554	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	410622	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	260062	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	203182	51.67	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.34%			
35) Dibromofluoromethane	5.50	113	177515	50.71	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.42%			
50) Toluene-d8	8.71	98	657048	49.73	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.46%			
62) 4-Bromofluorobenzene	11.14	95	247687	50.24	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.48%			
Target Compounds						Qvalue
16) Acetone	2.45	43	69398	36.331	ug/l	99
25) 2-Butanone	4.70	43	19344	4.546	ug/l	99
29) Tetrahydrofuran	5.16	42	11636	6.887	ug/l	99
40) Benzene	6.14	78	11856	0.750	ug/l	94
52) Toluene	8.79	92	32903	3.325	ug/l	98
67) Ethyl Benzene	10.26	91	22696	1.356	ug/l	99
68) m/p-Xylenes	10.36	106	24107	3.684	ug/l	98
69) o-Xylene	10.70	106	19285	3.115	ug/l	91
73) Isopropylbenzene	11.02	105	4937	0.289	ug/l	91
78) n-propylbenzene	11.36	91	11973	0.609	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	27211	1.924	ug/l	94
84) 1,2,4-Trimethylbenzene	11.81	105	93754	6.457	ug/l	100
85) sec-Butylbenzene	11.94	105	6963	0.412	ug/l	90
95) Naphthalene	13.83	128	28679	1.690	ug/l #	94

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

Quantitation Report (LSC Reviewed)

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Instrument :
MSVOA_X
ClientSampleId :
SONO-W

Manual Integrations APPROVED
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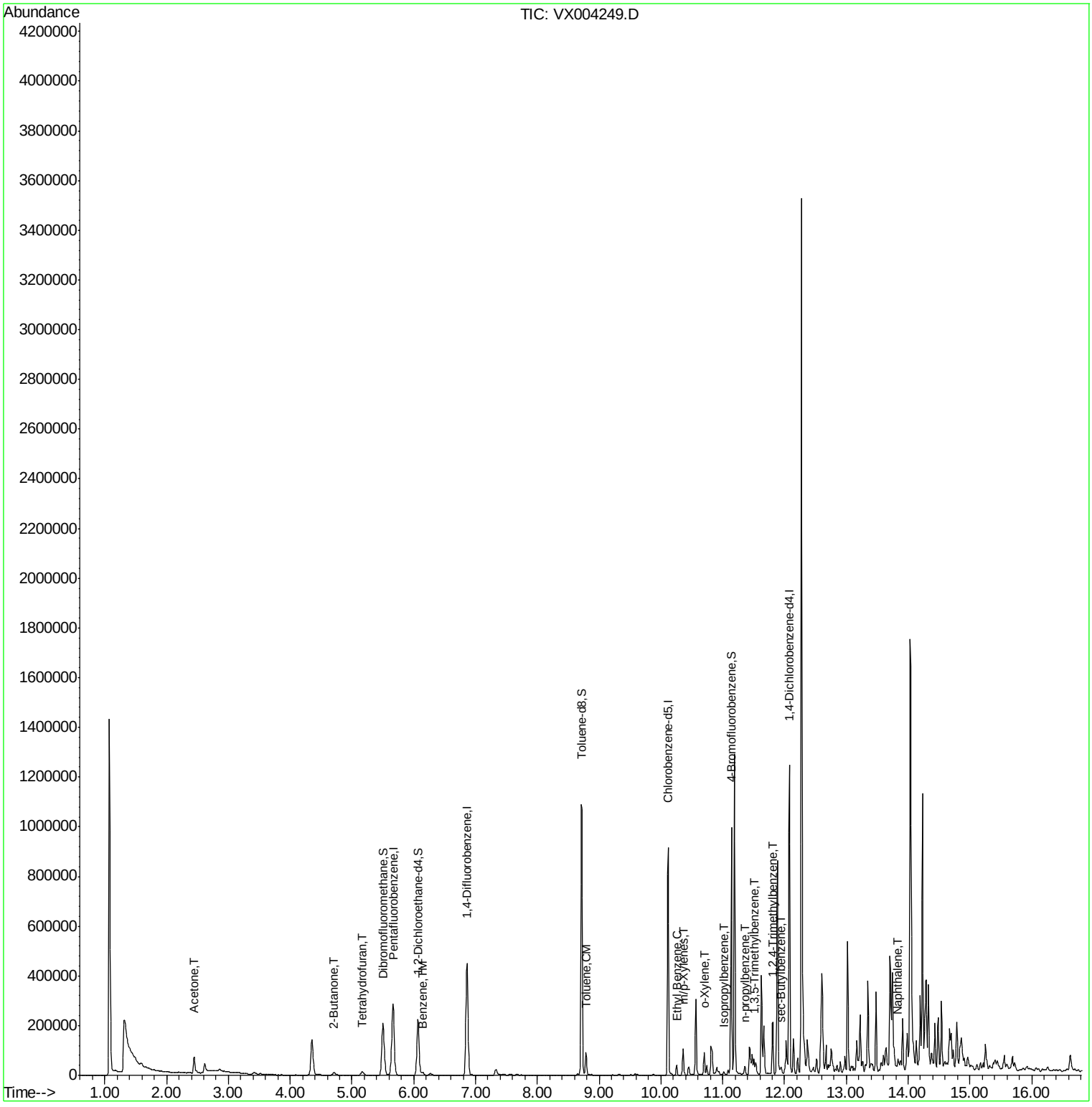
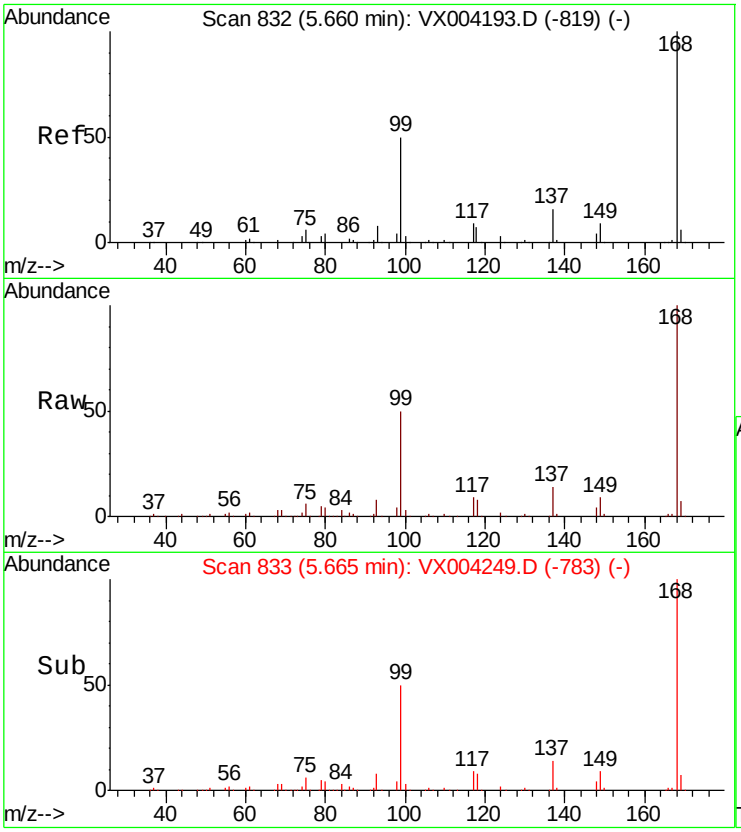
8/25/2018 11:43:00 AM

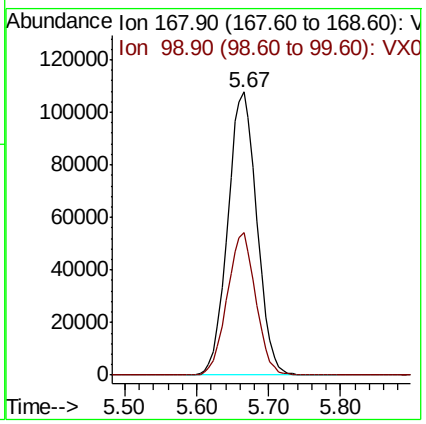




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.01 min
Lab File: VX004249.D
Acq: 24 Aug 2018 16:15

Tgt Ion:168 Resp: 301706

Ion	Ratio	Lower	Upper
168	100		
99	50.2	39.9	59.9



Instrument :
MSVOA_X
ClientSampleId :
SONO-W

Manual Integrations APPROVED
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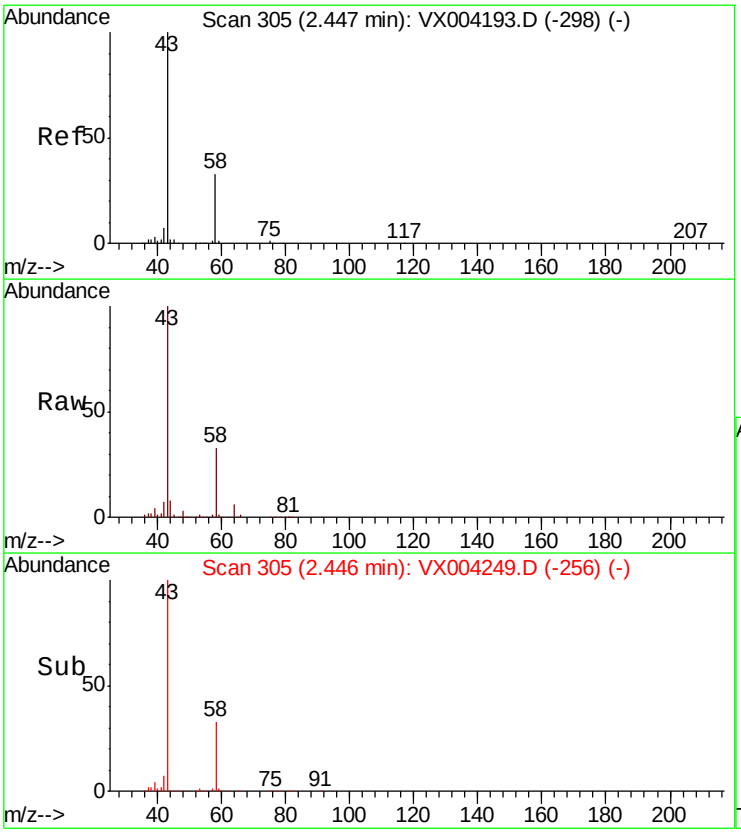
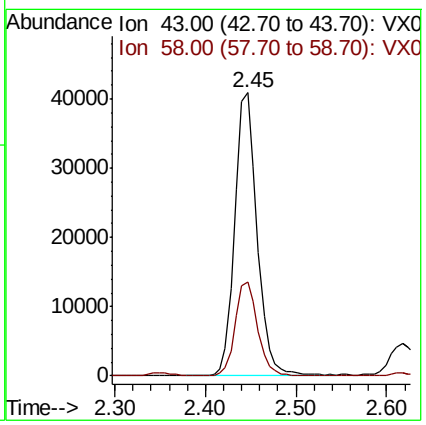
8/25/2018 11:43:00 AM

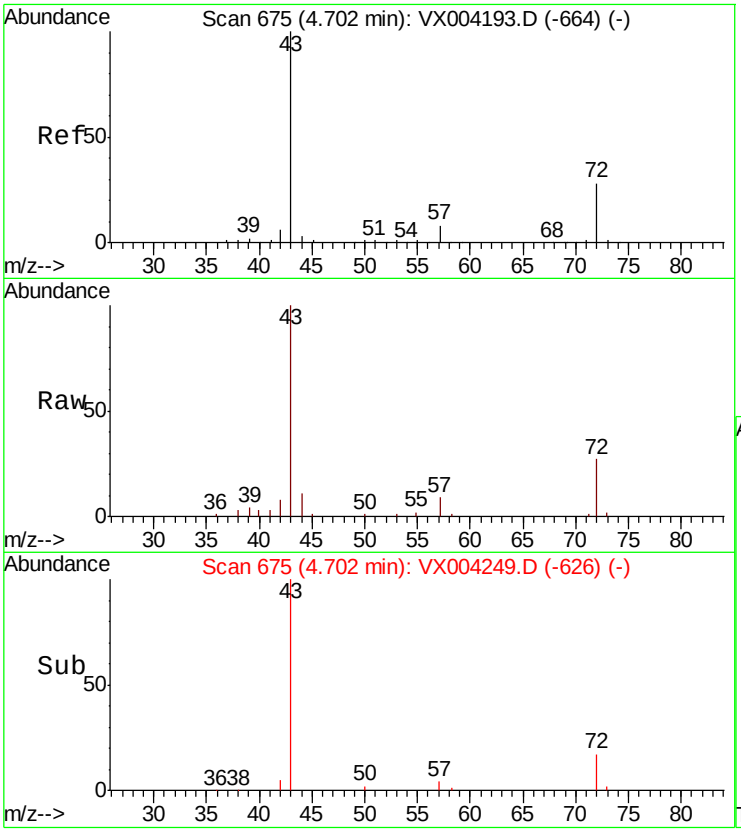


#16
Acetone
Concen: 36.331 ug/l
RT: 2.45 min Scan# 305
Delta R.T. 0.00 min
Lab File: VX004249.D
Acq: 24 Aug 2018 16:15

Tgt Ion: 43 Resp: 69398

Ion	Ratio	Lower	Upper
43	100		
58	33.5	26.2	39.4

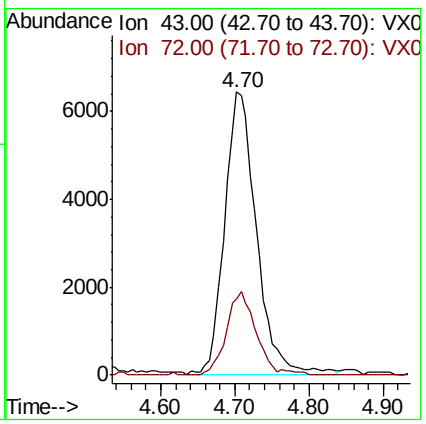




#25
2-Butanone
Concen: 4.546 ug/l
RT: 4.70 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX004249.D
Acq: 24 Aug 2018 16:15

Tgt Ion: 43 Resp: 19344

Ion	Ratio	Lower	Upper
43	100		
72	26.8	22.0	33.0



Instrument :
MSVOA_X
ClientSampleId :
SONO-W

Manual Integrations APPROVED
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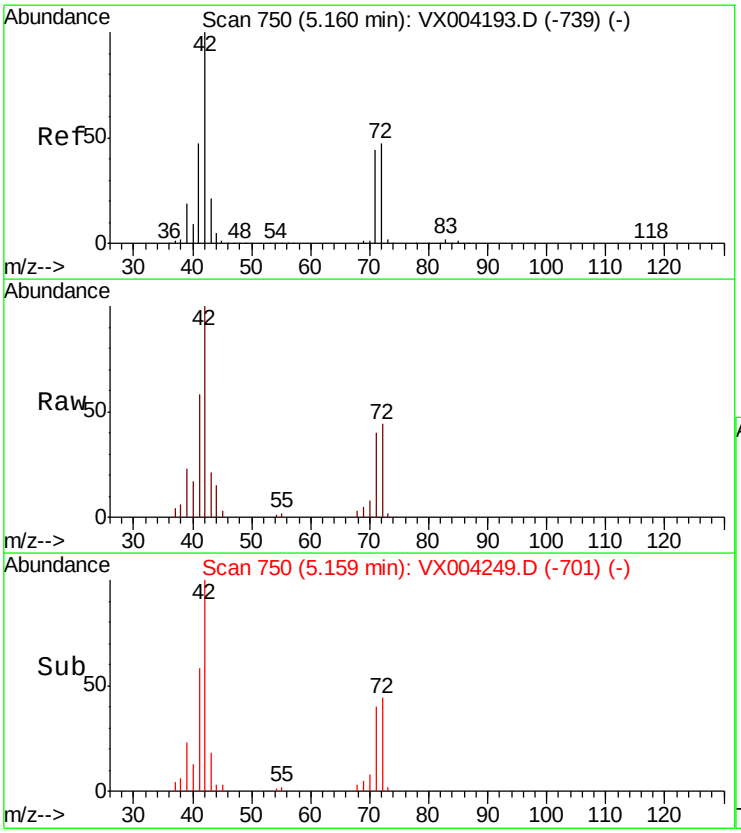
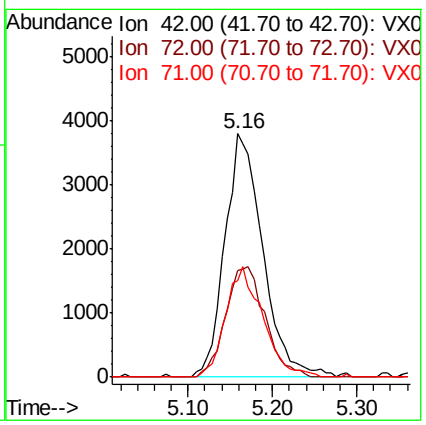
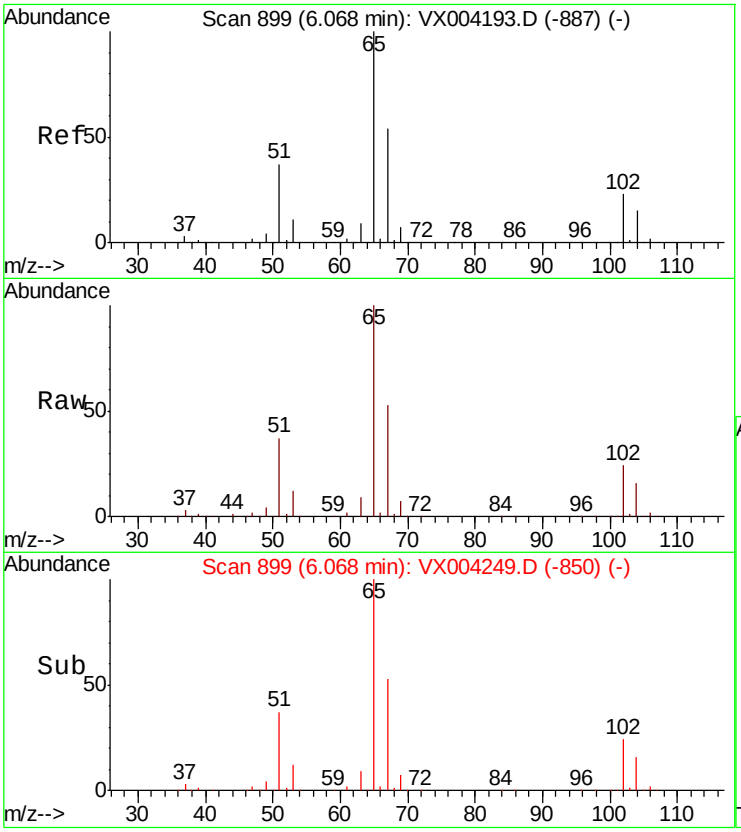


#29
Tetrahydrofuran
Concen: 6.887 ug/l
RT: 5.16 min Scan# 750
Delta R.T. -0.00 min
Lab File: VX004249.D
Acq: 24 Aug 2018 16:15

Tgt Ion: 42 Resp: 11636

Ion	Ratio	Lower	Upper
42	100		
72	47.2	37.4	56.0
71	44.5	34.5	51.7

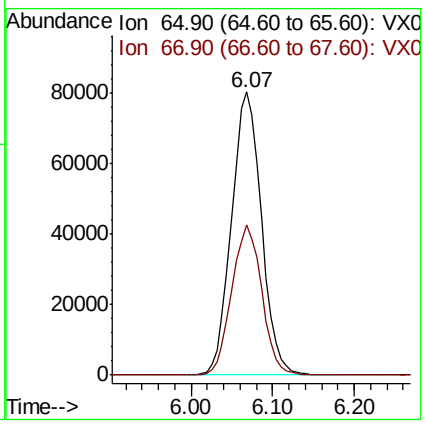




#33
1,2-Dichloroethane-d4
Concen: 51.669 ug/l
RT: 6.07 min Scan# 899
Delta R.T. -0.00 min
Lab File: VX004249.D
Acq: 24 Aug 2018 16:15

Tgt Ion: 65 Resp: 203182

Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	106.8



Instrument :
MSVOA_X
ClientSampleId :
SONO-W

Manual Integrations APPROVED
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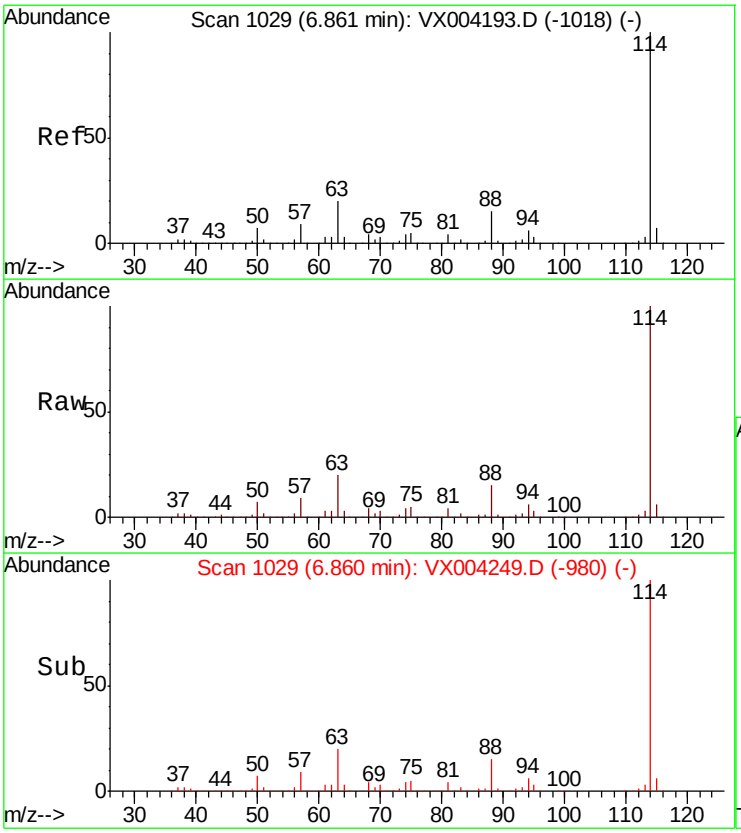
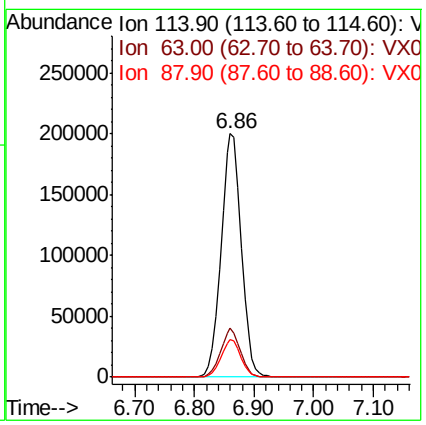
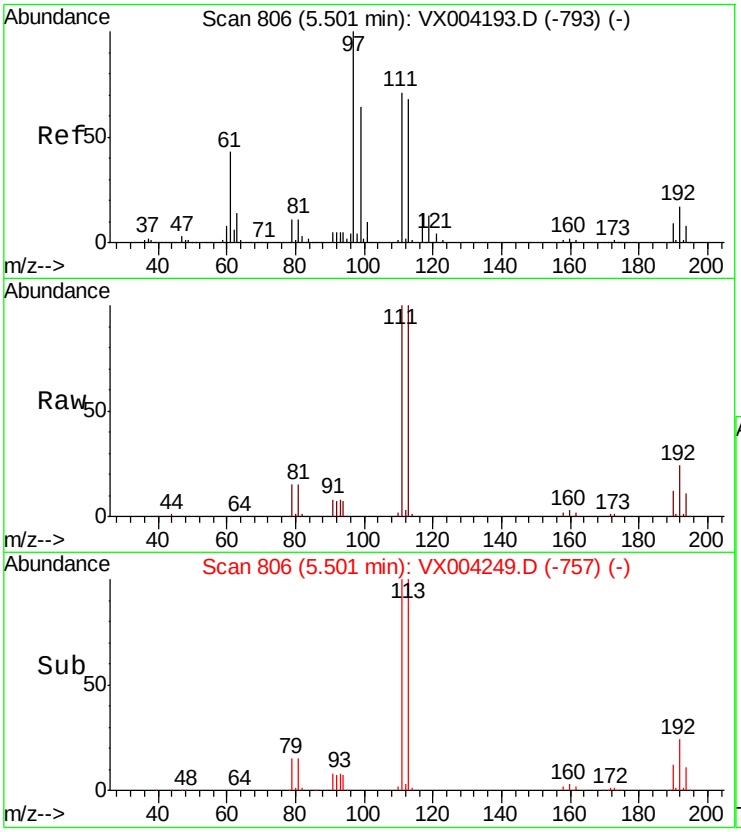


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 1029
Delta R.T. -0.00 min
Lab File: VX004249.D
Acq: 24 Aug 2018 16:15

Tgt Ion:114 Resp: 470554

Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	39.0
88	15.5	0.0	30.4

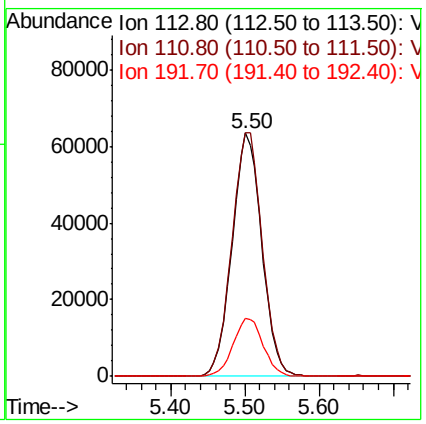




#35
Dibromofluoromethane
Concen: 50.710 ug/l
RT: 5.50 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX004249.D
Acq: 24 Aug 2018 16:15

Tgt Ion:113 Resp: 177515

Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.4	123.6
192	24.2	19.4	29.2



Instrument :
MSVOA_X
ClientSampleId :
SONO-W

Manual Integrations APPROVED
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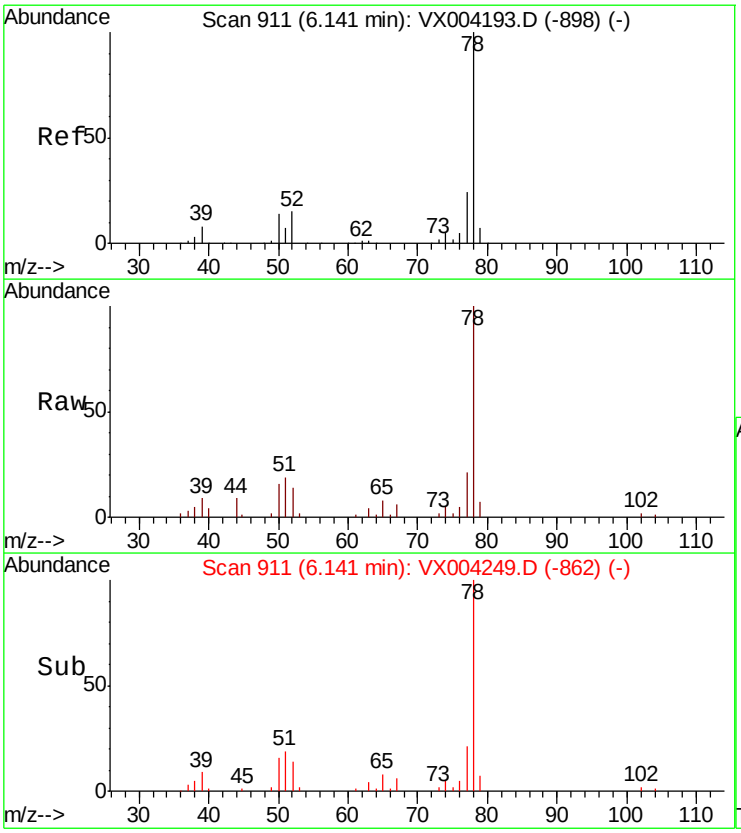
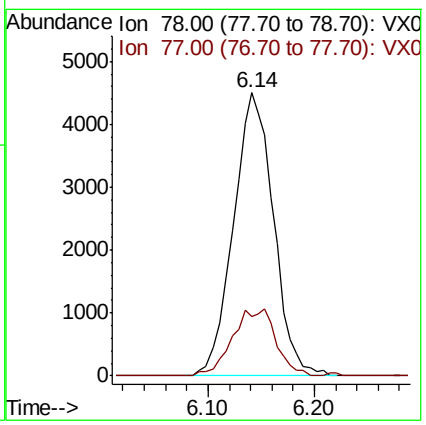
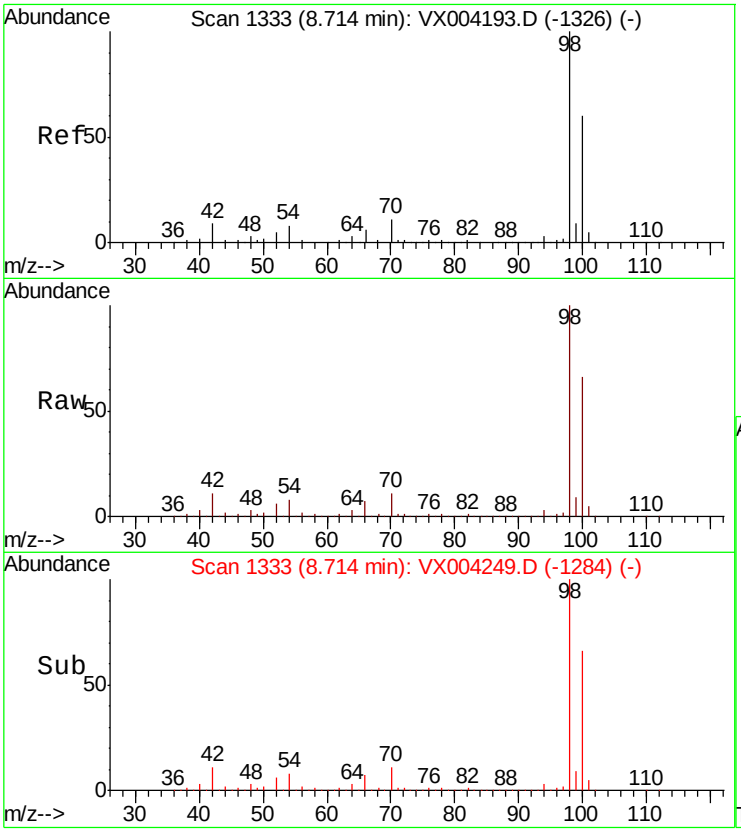


#40
Benzene
Concen: 0.750 ug/l
RT: 6.14 min Scan# 911
Delta R.T. -0.00 min
Lab File: VX004249.D
Acq: 24 Aug 2018 16:15

Tgt Ion: 78 Resp: 11856

Ion	Ratio	Lower	Upper
78	100		
77	20.8	19.0	28.4

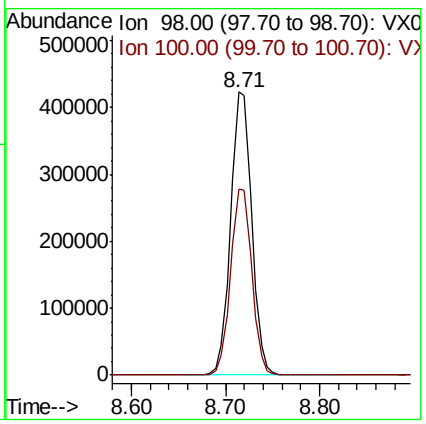




#50
Toluene-d8
Concen: 49.725 ug/l
RT: 8.71 min Scan# 1333
Delta R.T. -0.00 min
Lab File: VX004249.D
Acq: 24 Aug 2018 16:15

Tgt Ion: 98 Resp: 657048

Ion	Ratio	Lower	Upper
98	100		
100	66.1	52.9	79.3



Instrument :
MSVOA_X
ClientSampleId :
SONO-W

Manual Integrations APPROVED
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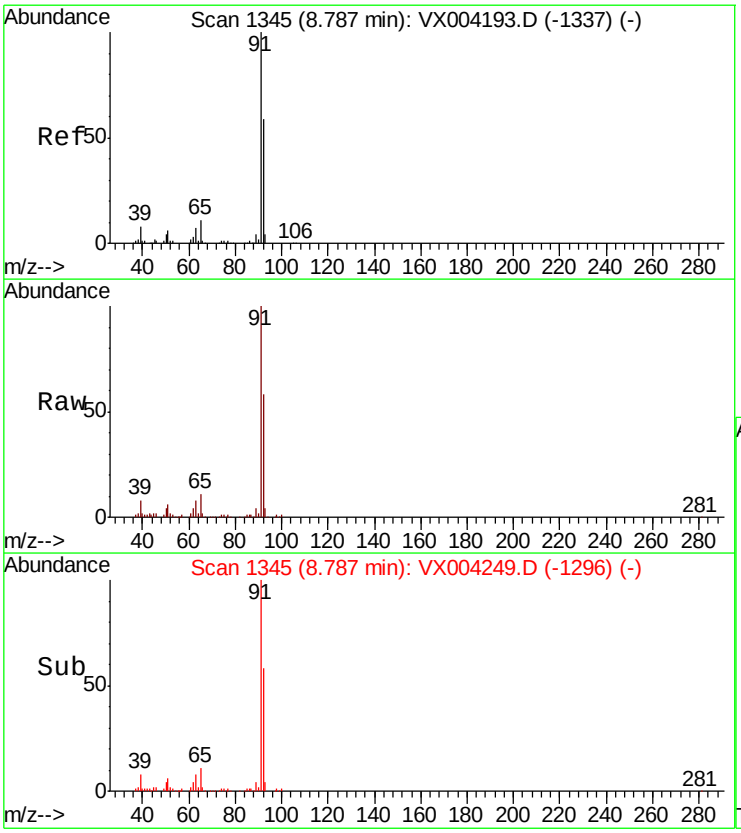
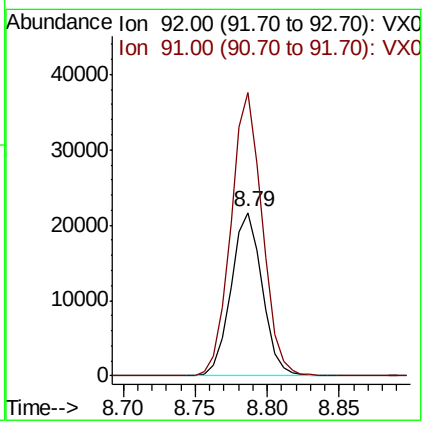
8/25/2018 11:43:00 AM

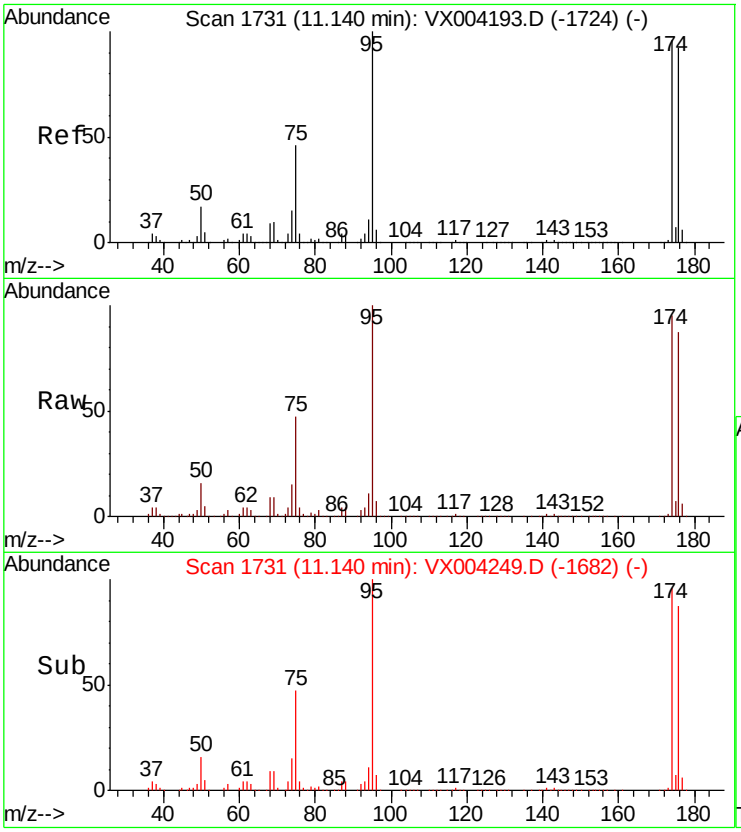


#52
Toluene
Concen: 3.325 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. -0.00 min
Lab File: VX004249.D
Acq: 24 Aug 2018 16:15

Tgt Ion: 92 Resp: 32903

Ion	Ratio	Lower	Upper
92	100		
91	173.6	136.4	204.6

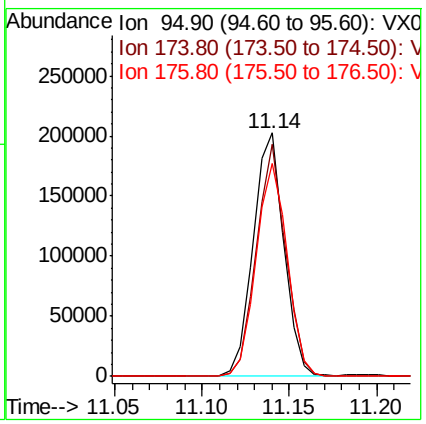




#62
4-Bromofluorobenzene
Concen: 50.238 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX004249.D
Acq: 24 Aug 2018 16:15

Tgt Ion: 95 Resp: 247687

Ion	Ratio	Lower	Upper
95	100		
174	91.3	0.0	185.2
176	88.6	0.0	178.6



Instrument :
MSVOA_X
ClientSampleId :
SONO-W

Manual Integrations APPROVED
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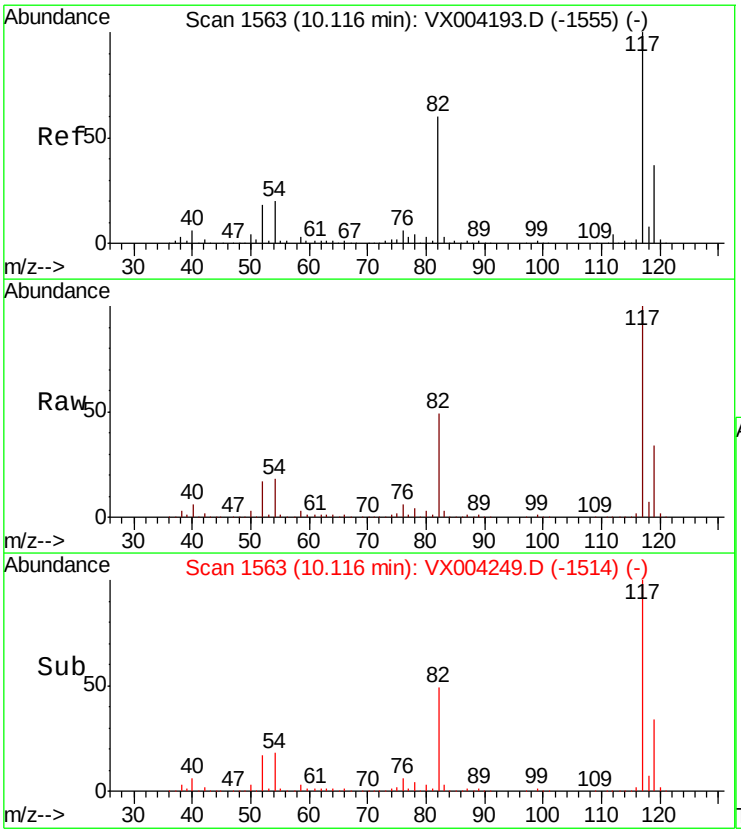
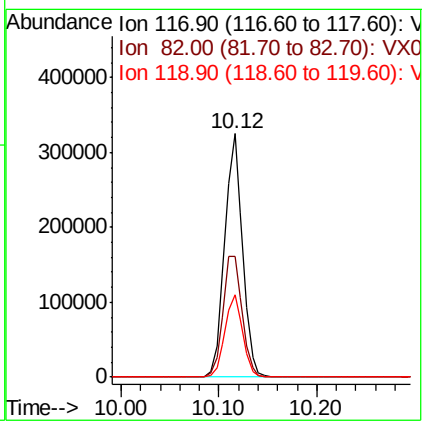
8/25/2018 11:43:00 AM

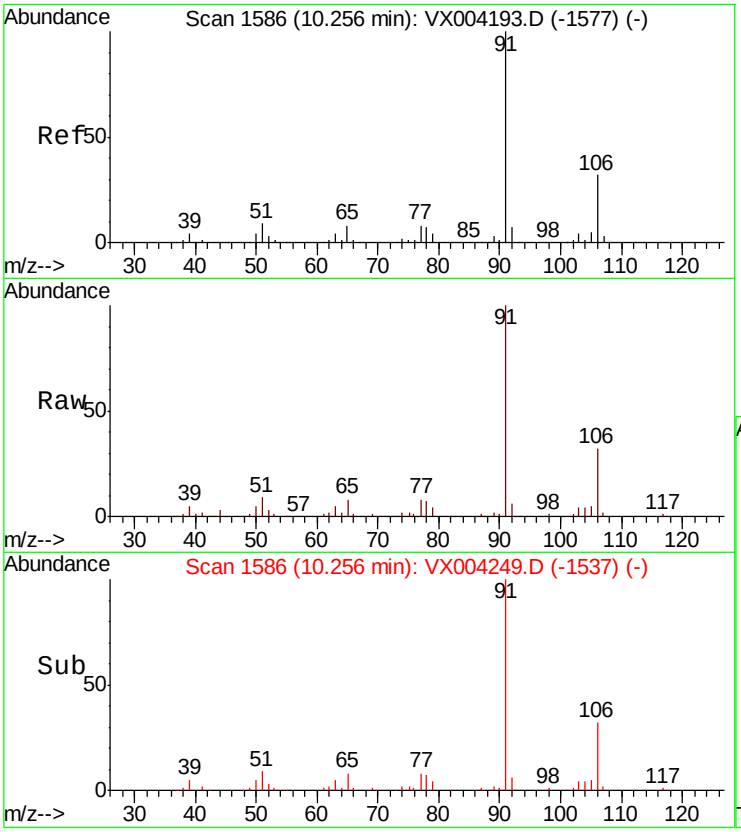


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004249.D
Acq: 24 Aug 2018 16:15

Tgt Ion:117 Resp: 410622

Ion	Ratio	Lower	Upper
117	100		
82	49.4	47.8	71.6
119	34.0	29.3	43.9





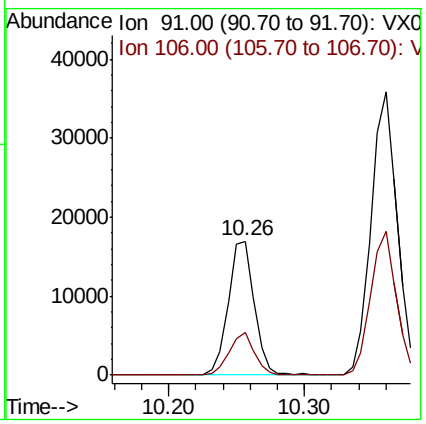
#67
Ethyl Benzene
Concen: 1.356 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX004249.D
Acq: 24 Aug 2018 16:15

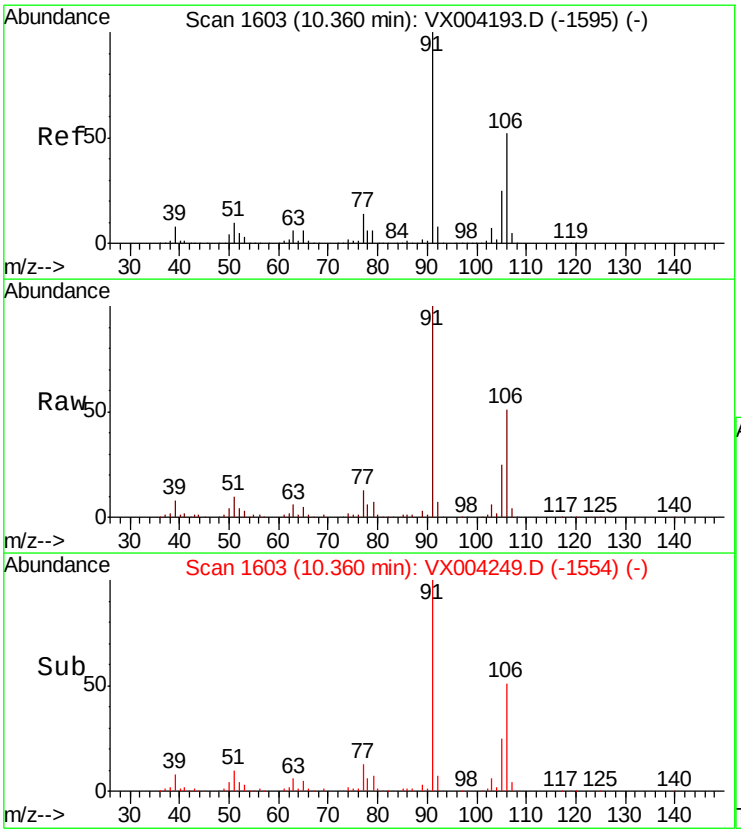
Tgt Ion: 91 Resp: 22696

Ion	Ratio	Lower	Upper
91	100		
106	31.7	25.9	38.9

Instrument :
MSVOA_X
ClientSampleId :
SONO-W

Manual Integrations APPROVED
MMDadoda
8/25/2018 11:43:00 AM

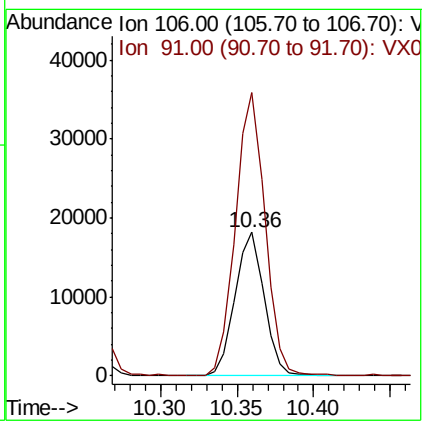


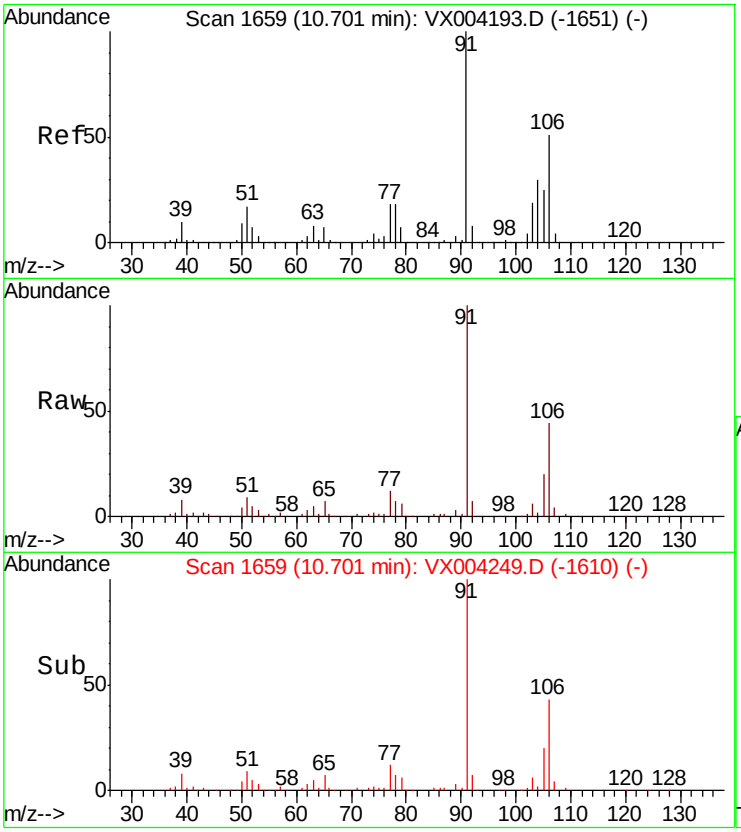


#68
m/p-Xylenes
Concen: 3.684 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX004249.D
Acq: 24 Aug 2018 16:15

Tgt Ion:106 Resp: 24107

Ion	Ratio	Lower	Upper
106	100		
91	199.8	157.1	235.7





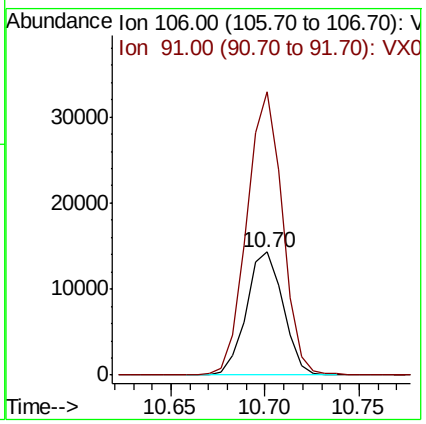
#69
o-Xylene
Concen: 3.115 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX004249.D
Acq: 24 Aug 2018 16:15

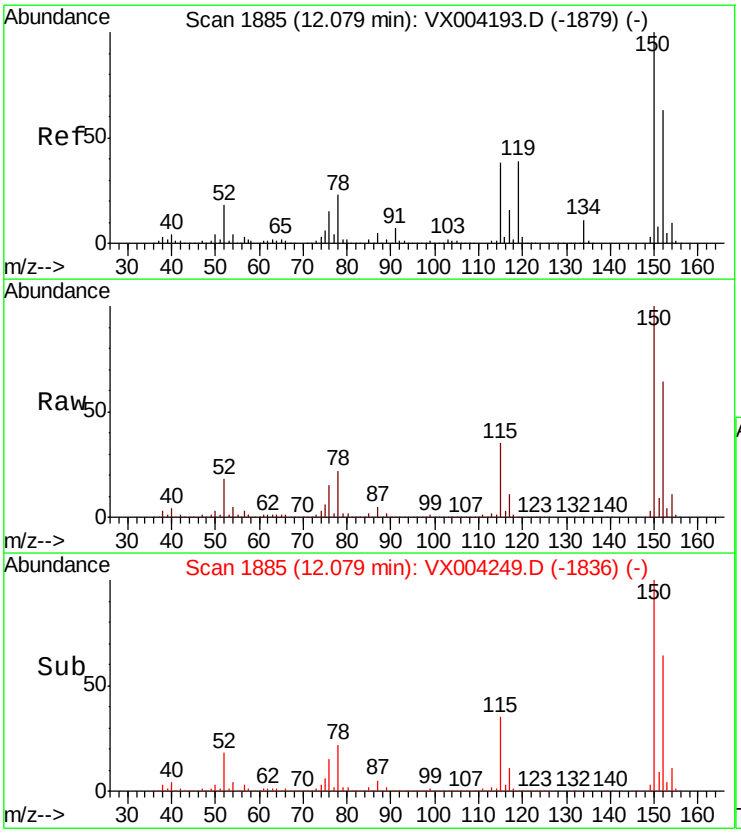
Tgt Ion:106 Resp: 19285

Ion	Ratio	Lower	Upper
106	100		
91	223.8	105.1	315.1

Instrument :
MSVOA_X
ClientSampleId :
SONO-W

Manual Integrations APPROVED
MMDadoda
8/25/2018 11:43:00 AM

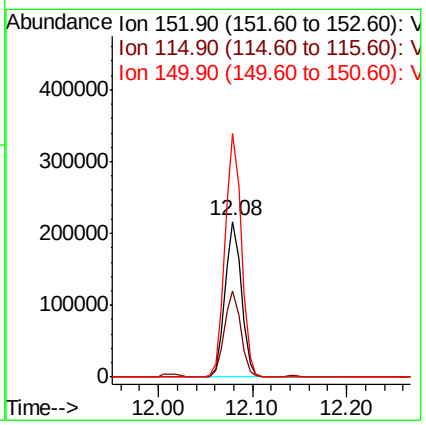


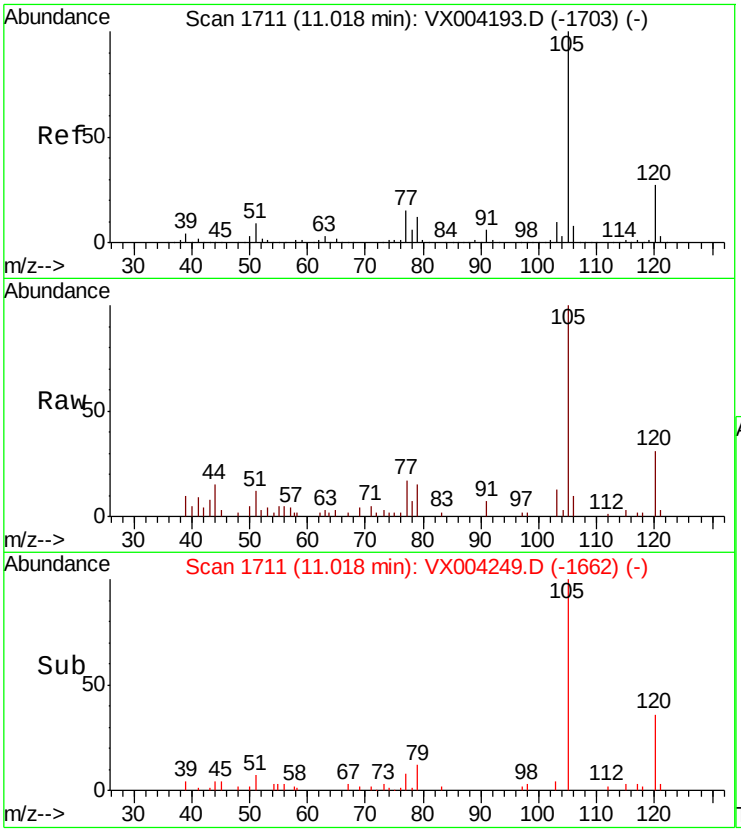


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX004249.D
Acq: 24 Aug 2018 16:15

Tgt Ion:152 Resp: 260062

Ion	Ratio	Lower	Upper
152	100		
115	54.9	39.0	117.0
150	157.5	0.0	351.0

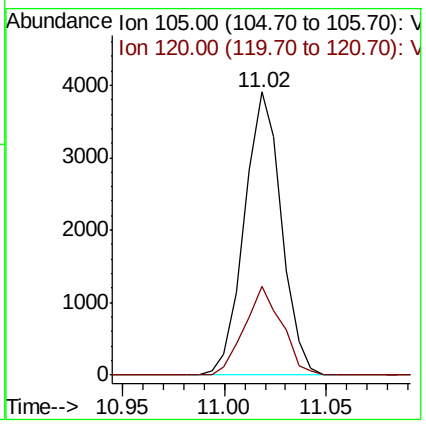




#73
Isopropylbenzene
Concen: 0.289 ug/l
RT: 11.02 min Scan# 1711
Delta R.T. -0.00 min
Lab File: VX004249.D
Acq: 24 Aug 2018 16:15

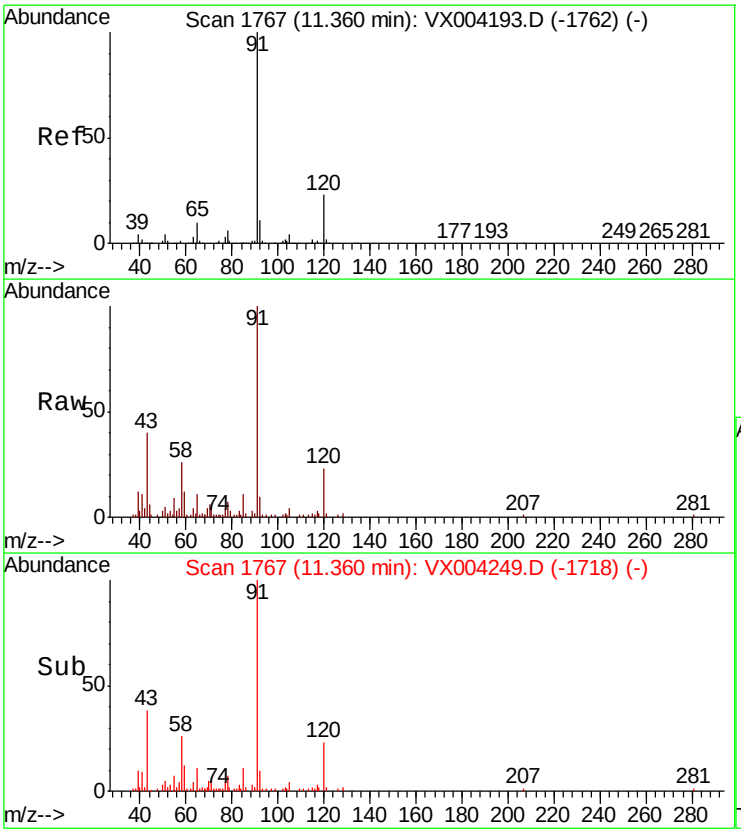
Tgt Ion:105 Resp: 4937

Ion	Ratio	Lower	Upper
105	100		
120	31.7	13.5	40.4



Instrument :
MSVOA_X
ClientSampleId :
SONO-W

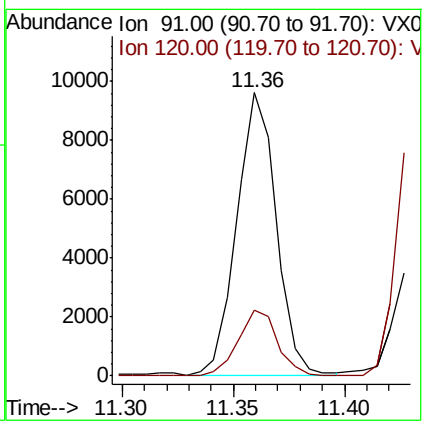
Manual Integrations APPROVED
MMDadoda
8/25/2018 11:43:00 AM

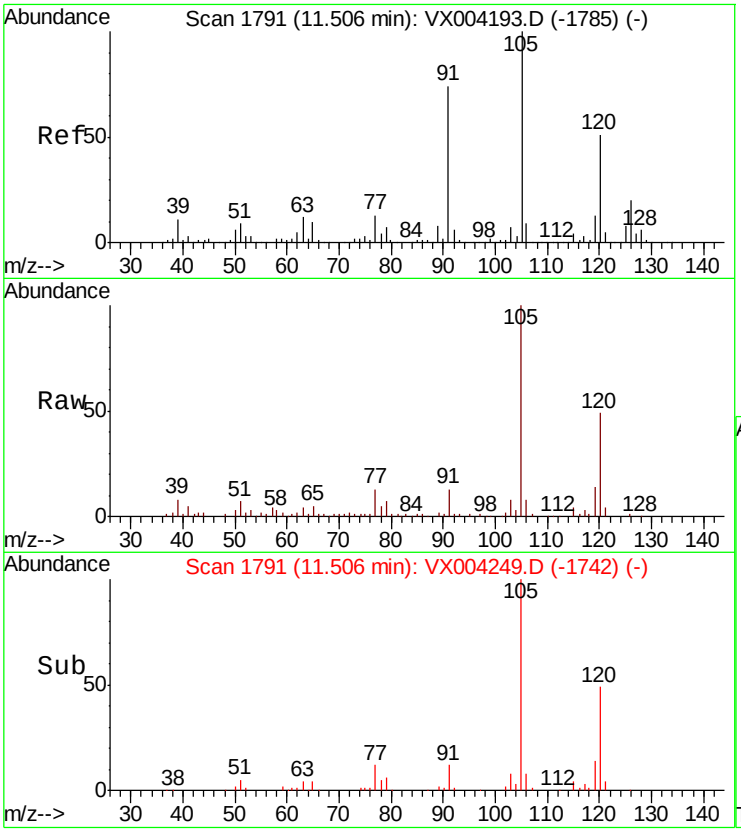


#78
n-propylbenzene
Concen: 0.609 ug/l
RT: 11.36 min Scan# 1767
Delta R.T. -0.00 min
Lab File: VX004249.D
Acq: 24 Aug 2018 16:15

Tgt Ion: 91 Resp: 11973

Ion	Ratio	Lower	Upper
91	100		
120	22.9	11.9	35.9

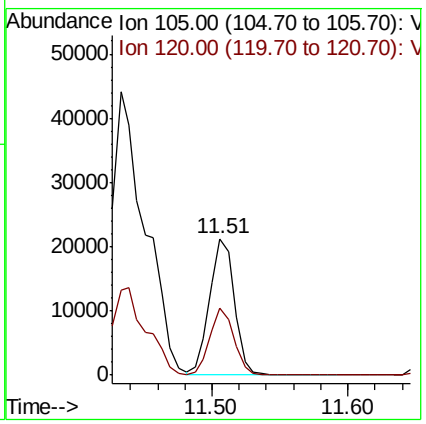




#80
1,3,5-Trimethylbenzene
Concen: 1.924 ug/l
RT: 11.51 min Scan# 1791
Delta R.T. -0.00 min
Lab File: VX004249.D
Acq: 24 Aug 2018 16:15

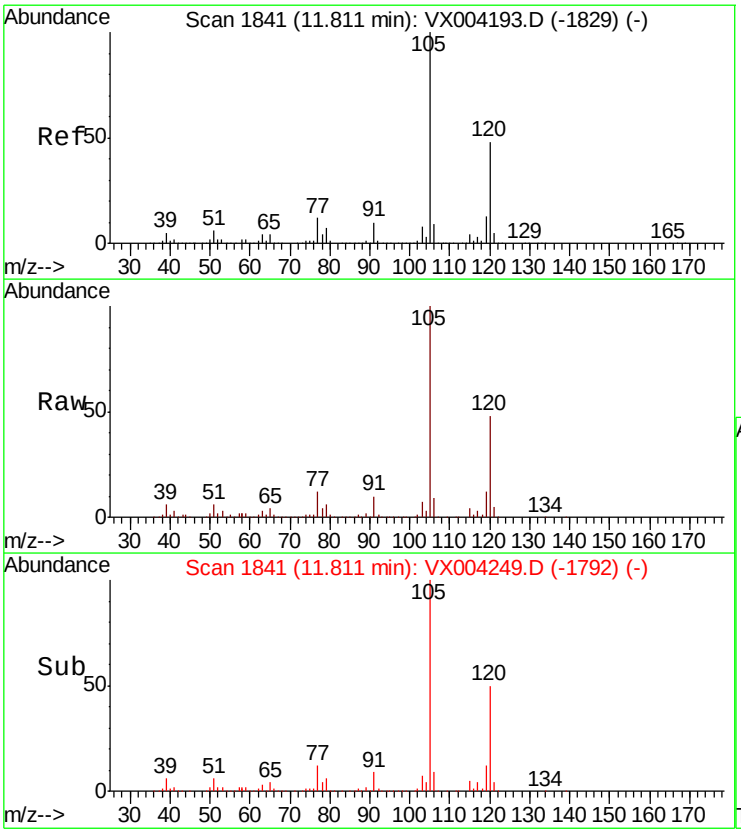
Tgt Ion:105 Resp: 27211

Ion	Ratio	Lower	Upper
105	100		
120	47.1	25.6	76.8



Instrument :
MSVOA_X
ClientSampleId :
SONO-W

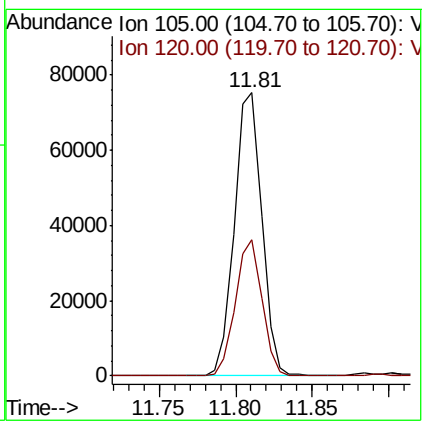
Manual Integrations APPROVED
MMDadoda
8/25/2018 11:43:00 AM

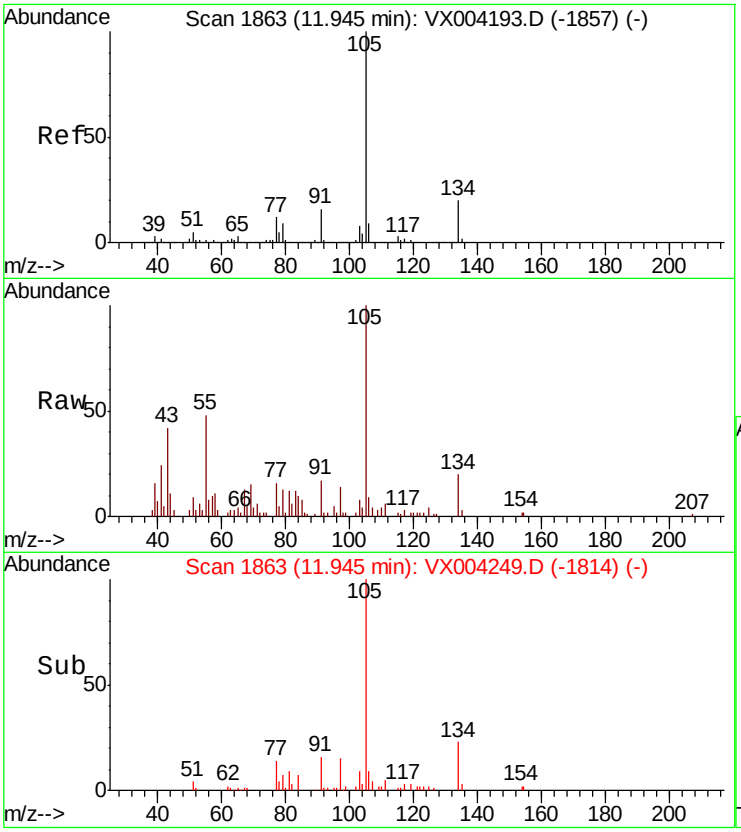


#84
1,2,4-Trimethylbenzene
Concen: 6.457 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX004249.D
Acq: 24 Aug 2018 16:15

Tgt Ion:105 Resp: 93754

Ion	Ratio	Lower	Upper
105	100		
120	46.7	23.2	69.6





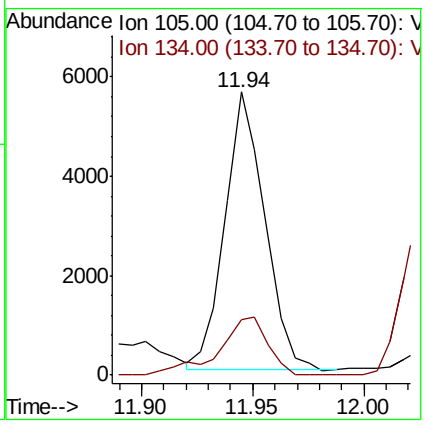
#85
sec-Butylbenzene
Concen: 0.412 ug/l
RT: 11.94 min Scan# 1863
Delta R.T. -0.00 min
Lab File: VX004249.D
Acq: 24 Aug 2018 16:15

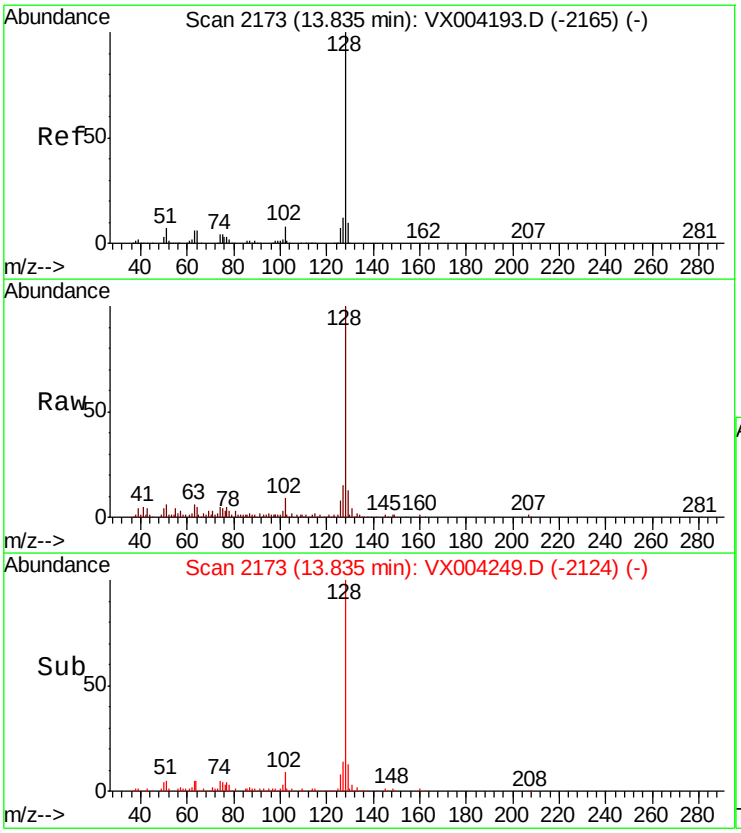
Tgt Ion:105 Resp: 6963

Ion	Ratio	Lower	Upper
105	100		
134	25.5	10.5	31.5

Instrument :
MSVOA_X
ClientSampleId :
SONO-W

Manual Integrations APPROVED
MMDadoda
8/25/2018 11:43:00 AM





#95
Naphthalene
Concen: 1.690 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. -0.00 min
Lab File: VX004249.D
Acq: 24 Aug 2018 16:15

Tgt Ion:128 Resp: 28679

Ion	Ratio	Lower	Upper
128	100		
127	14.3	10.2	15.2
129	13.8	8.6	12.8#