Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX040519\
Data File : VX008703.D
Acq On : 05 Apr 2019 23:36
Operator : JC/SP
Sample : K2296-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
S8-0700

Manual Integrations APPROVED
MMDadoda
4/8/2019 9:50:23 AM

Quant Time: Apr 06 03:40:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 04 04:47:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	205677	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	339369	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	297980	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	125351	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	139863	46.62	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.24%			
35) Dibromofluoromethane	5.50	113	102112	47.06	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.12%			
50) Toluene-d8	8.71	98	429896	49.76	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.52%			
62) 4-Bromofluorobenzene	11.13	95	145053	47.35	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.70%			
Target Compounds						Qvalue
11) Tert butyl alcohol	3.05	59	6487	9.237	ug/l #	72
16) Acetone	2.44	43	15253	8.828	ug/l	100
31) Cyclohexane	5.58	56	164771	31.789	ug/l	98
39) Methylcyclohexane	7.46	83	80539	17.575	ug/l	93
40) Benzene	6.14	78	35034	3.170	ug/l	98
52) Toluene	8.79	92	10587	1.625	ug/l	99
67) Ethyl Benzene	10.25	91	1656253	134.472	ug/l	99
68) m/p-Xylenes	10.36	106	1772550	400.259	ug/l	97
69) o-Xylene	10.69	106	94017	21.907	ug/l	99
73) Isopropylbenzene	11.02	105	55917	5.383	ug/l	100
78) n-propylbenzene	11.36	91	47538	3.930	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	193393	22.178	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	292052	33.077	ug/l	99
85) sec-Butylbenzene	11.94	105	3855m	0.387	ug/l	
86) p-Isopropyltoluene	12.06	119	7930	0.887	ug/l	92
91) 1,2-Dichlorobenzene	12.39	146	4082	0.920	ug/l	89
95) Naphthalene	13.83	128	213608	20.708	ug/l	99

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

Quantitation Report (LSC Reviewed)

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MSVOA_X
ClientSampleId :
S8-0700

Manual Integrations APPROVED
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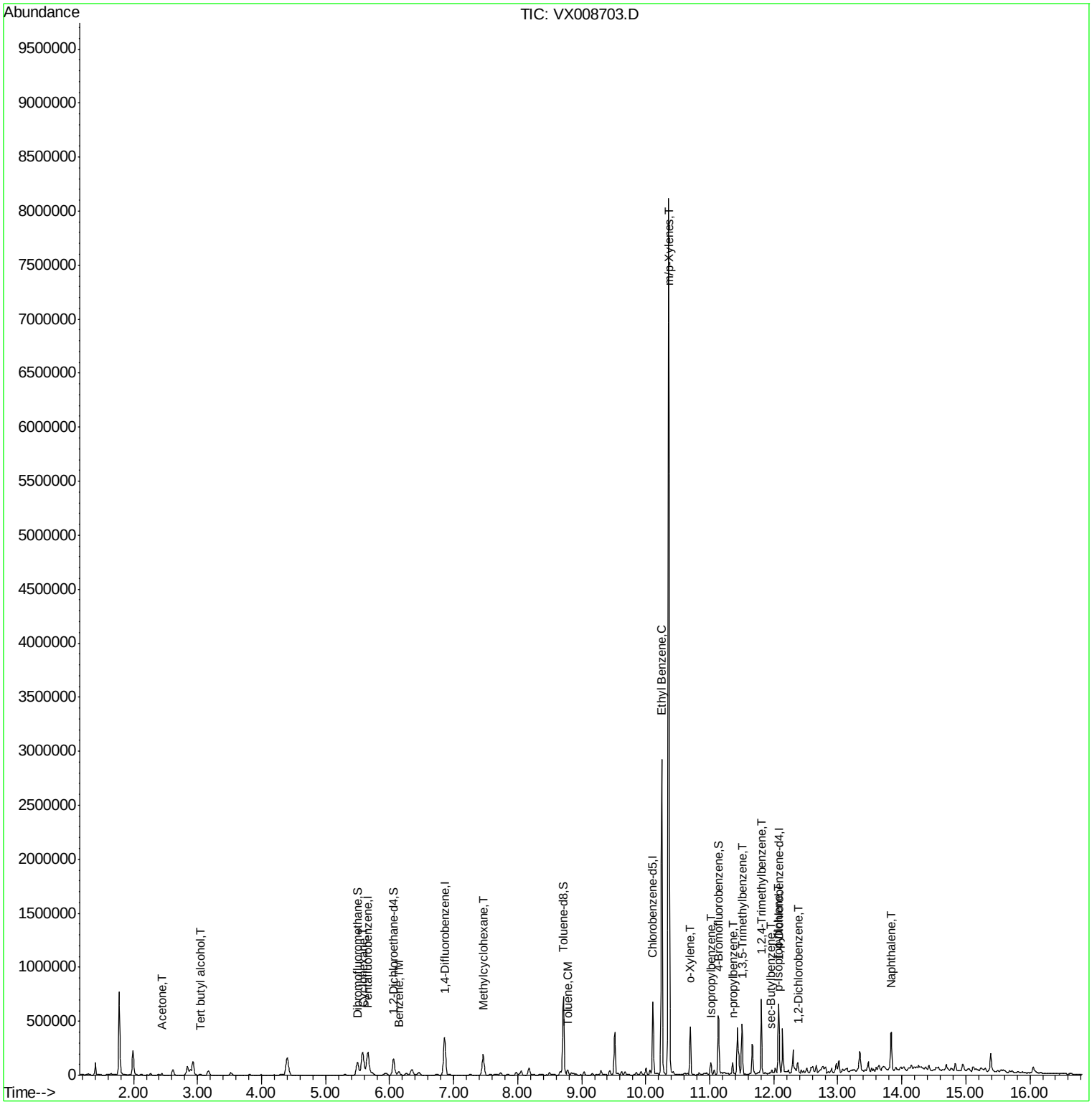
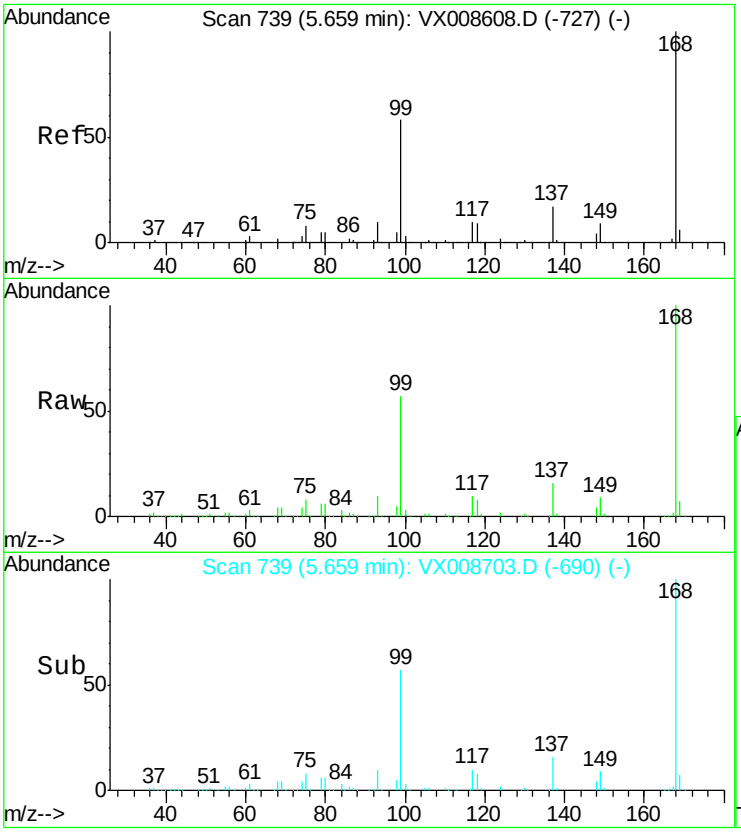
4/8/2019 9:50:23 AM





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.00 min
Lab File: VX008703.D
Acq: 05 Apr 2019 23:36

Tgt Ion:168 Resp: 205677

Ion	Ratio	Lower	Upper
168	100		
99	57.3	46.7	70.1

Instrument :
MSVOA_X
ClientSampleId :
S8-0700

Manual Integrations APPROVED
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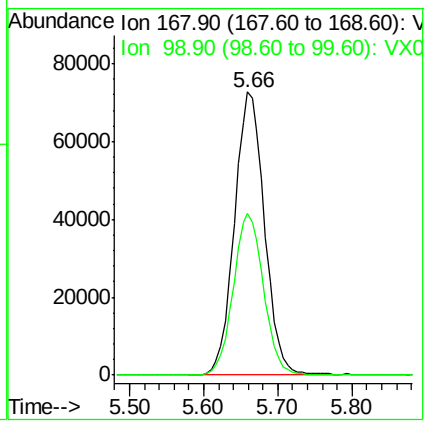
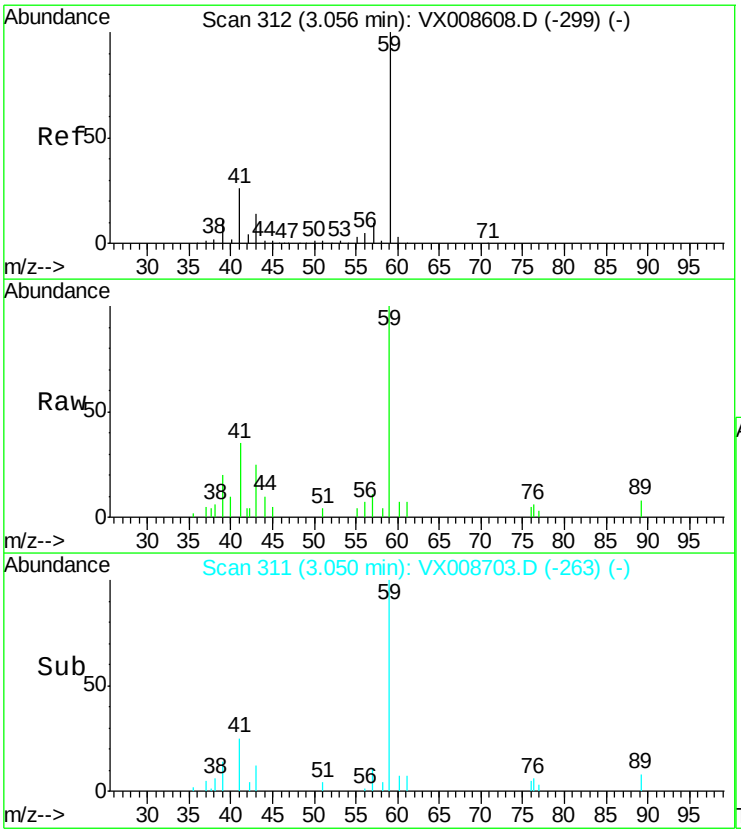
4/8/2019 9:50:23 AM

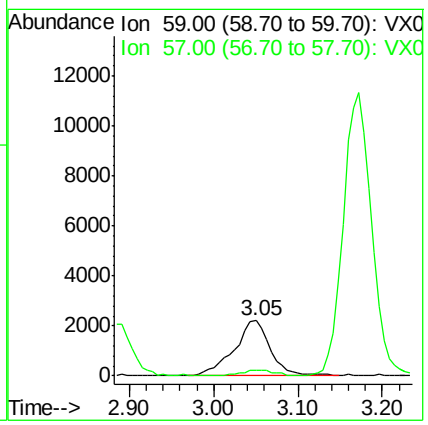


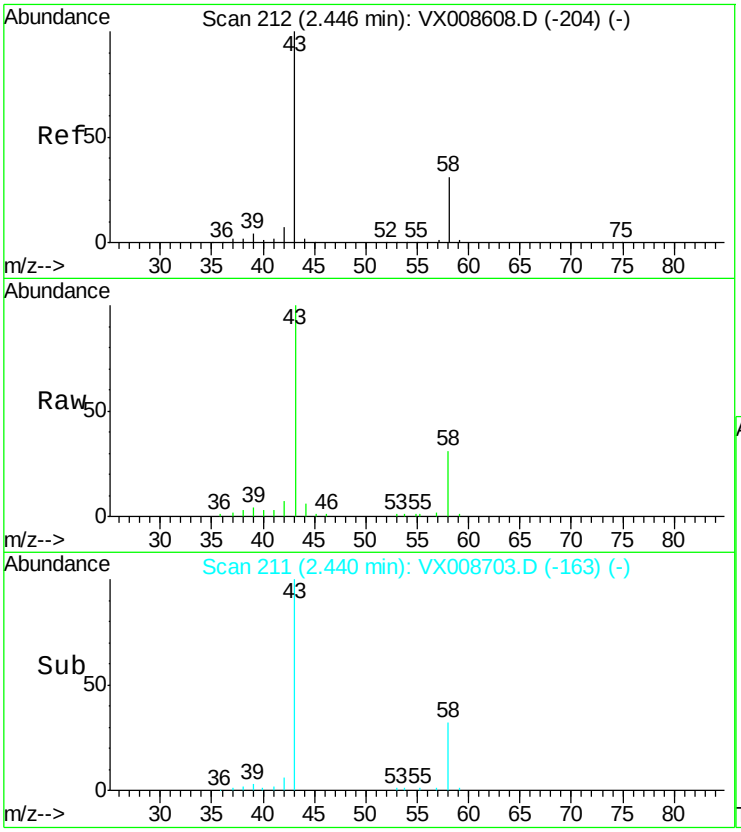


#11
Tert butyl alcohol
Concen: 9.237 ug/l
RT: 3.05 min Scan# 311
Delta R.T. -0.01 min
Lab File: VX008703.D
Acq: 05 Apr 2019 23:36

Tgt Ion: 59 Resp: 6487

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.3	12.5#

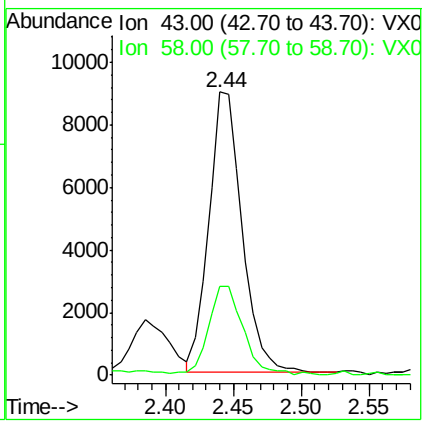




#16
Acetone
Concen: 8.828 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX008703.D
Acq: 05 Apr 2019 23:36

Tgt Ion: 43 Resp: 15253

Ion	Ratio	Lower	Upper
43	100		
58	31.1	24.8	37.2



Instrument :
MSVOA_X
ClientSampleId :
S8-0700

Manual Integrations APPROVED
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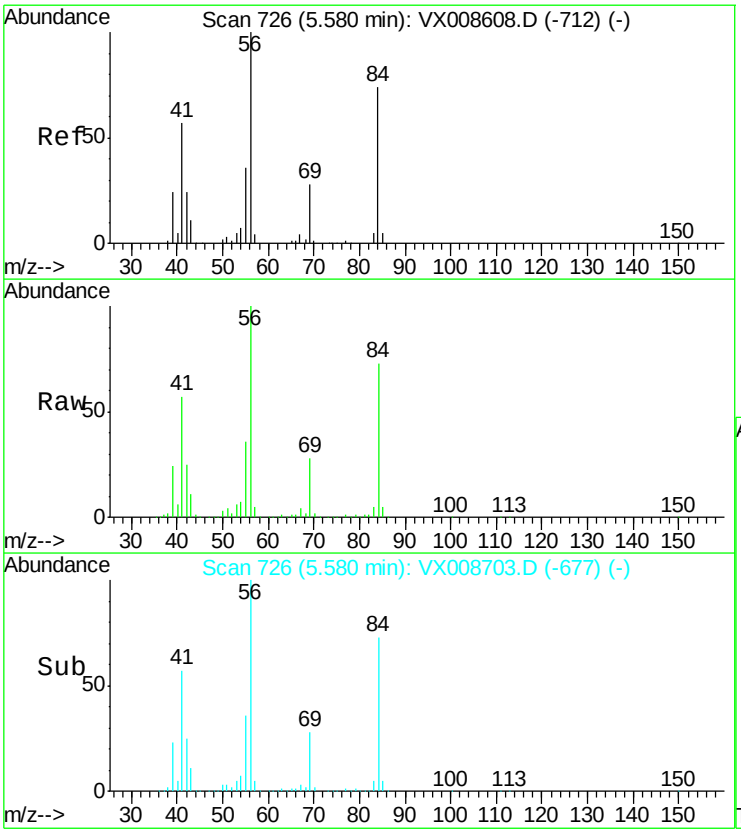
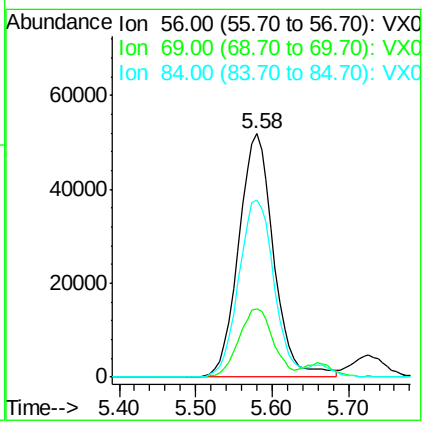
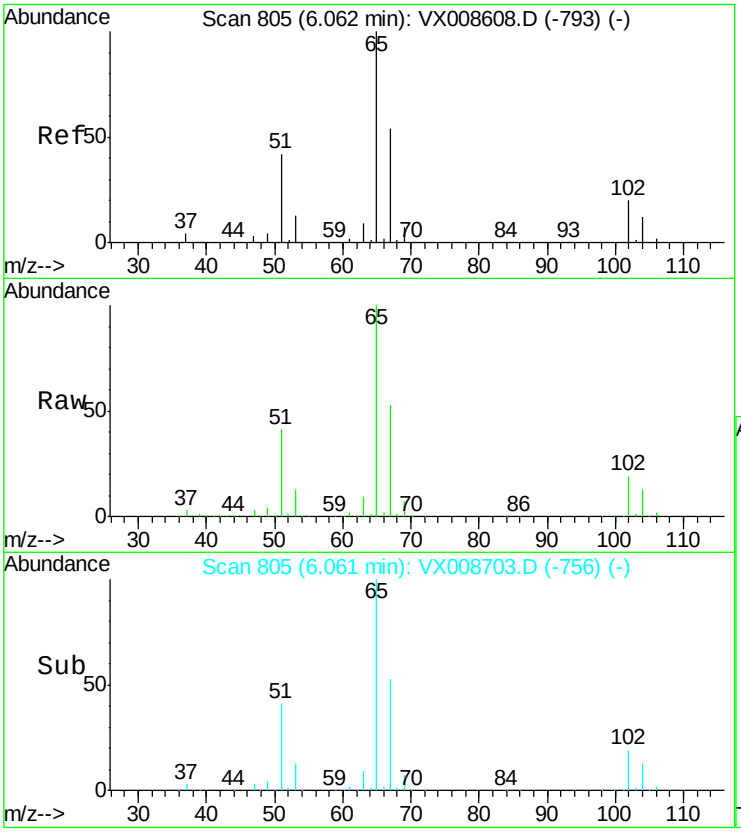


#31
Cyclohexane
Concen: 31.789 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX008703.D
Acq: 05 Apr 2019 23:36

Tgt Ion: 56 Resp: 164771

Ion	Ratio	Lower	Upper
56	100		
69	27.8	22.6	33.8
84	72.5	59.3	88.9

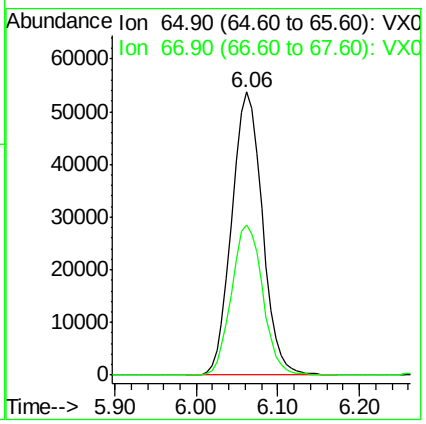




#33
1,2-Dichloroethane-d4
Concen: 46.622 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX008703.D
Acq: 05 Apr 2019 23:36

Tgt Ion: 65 Resp: 139863

Ion	Ratio	Lower	Upper
65	100		
67	53.4	0.0	107.2



Instrument :
MSVOA_X
ClientSampleId :
S8-0700

Manual Integrations APPROVED
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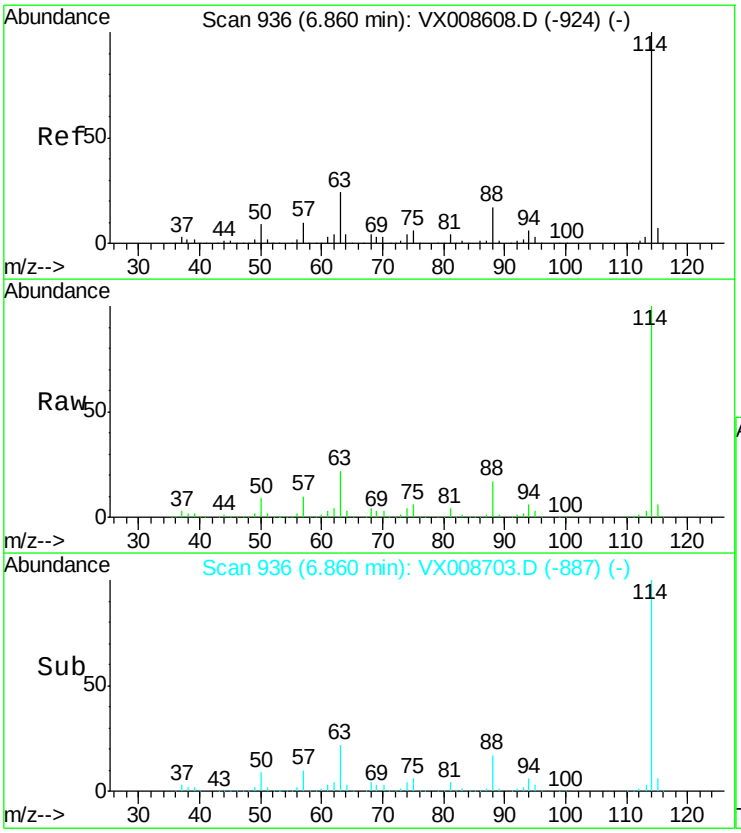
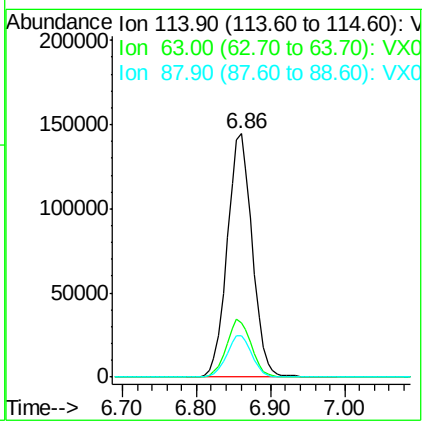
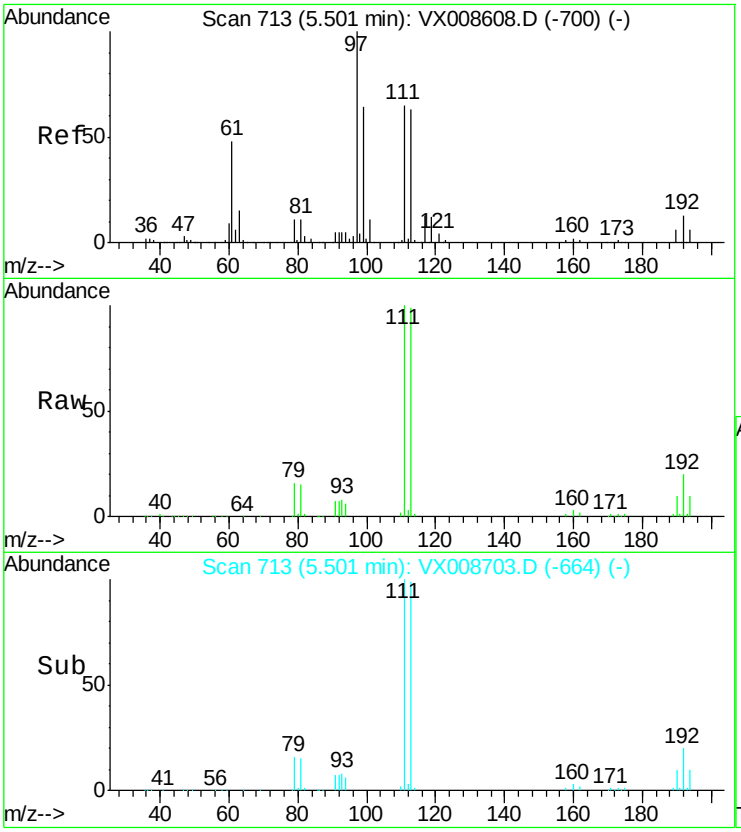


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX008703.D
Acq: 05 Apr 2019 23:36

Tgt Ion:114 Resp: 339369

Ion	Ratio	Lower	Upper
114	100		
63	22.5	0.0	47.2
88	17.0	0.0	34.0

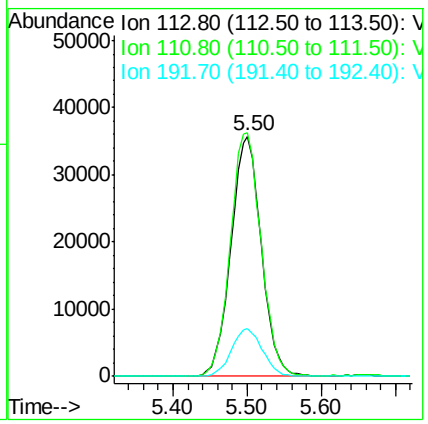




#35
Dibromofluoromethane
Concen: 47.061 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX008703.D
Acq: 05 Apr 2019 23:36

Tgt Ion:113 Resp: 102112

Ion	Ratio	Lower	Upper
113	100		
111	102.6	83.4	125.2
192	20.3	16.1	24.1



Instrument :
MSVOA_X
ClientSampleId :
S8-0700

Manual Integrations APPROVED
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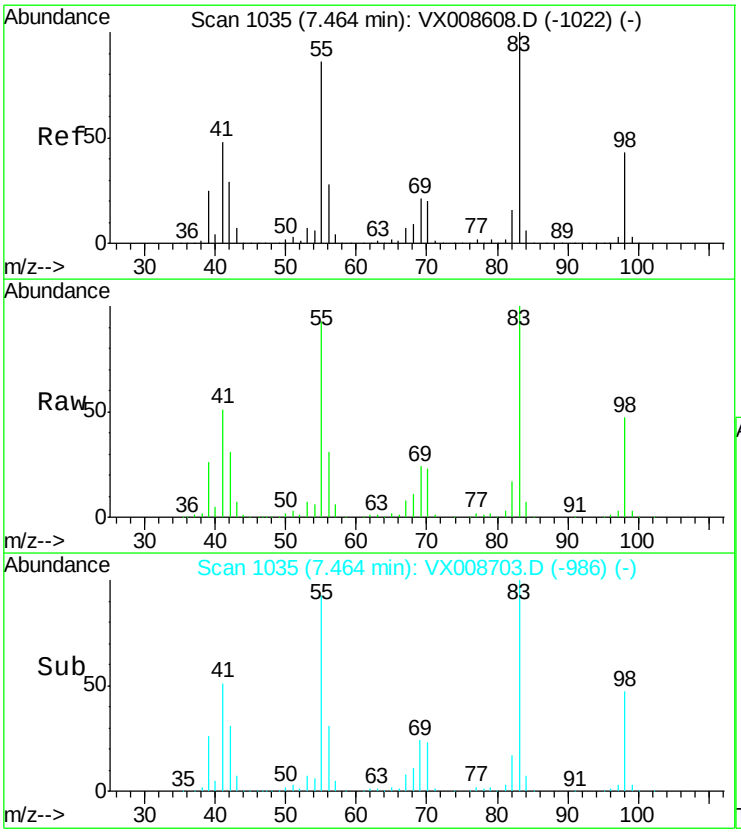
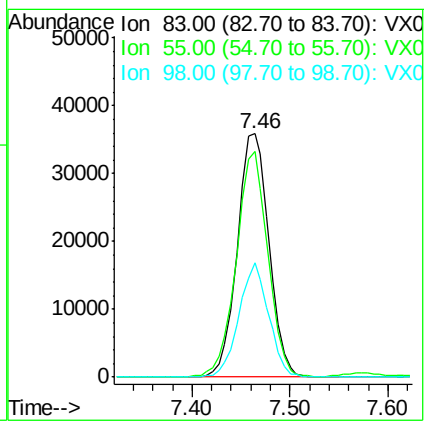
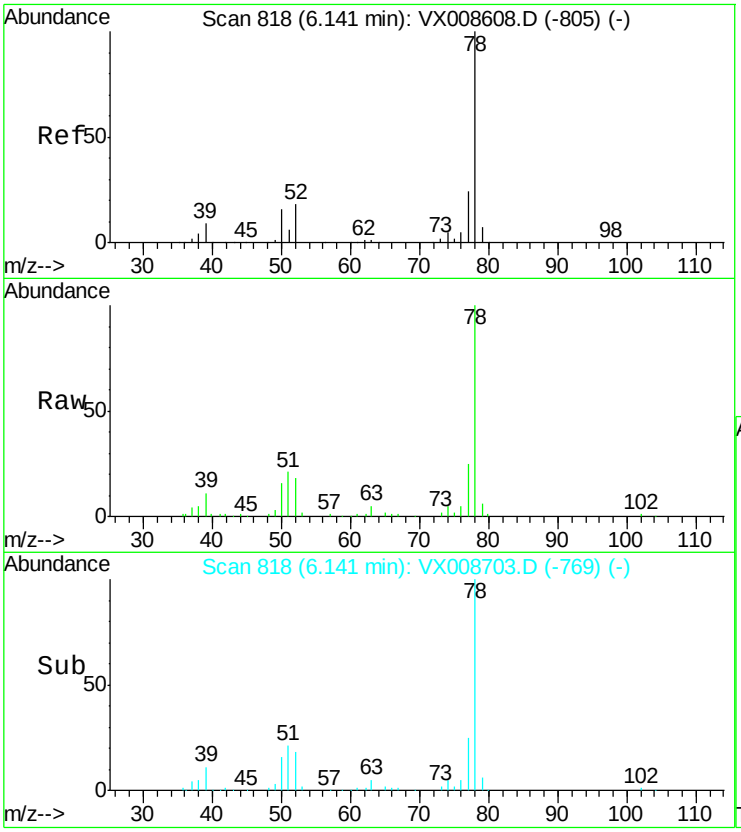


#39
Methylcyclohexane
Concen: 17.575 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX008703.D
Acq: 05 Apr 2019 23:36

Tgt Ion: 83 Resp: 80539

Ion	Ratio	Lower	Upper
83	100		
55	92.7	69.0	103.6
98	47.0	34.4	51.6

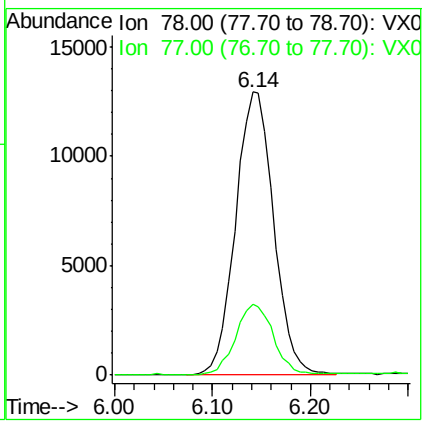




#40
Benzene
Concen: 3.170 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX008703.D
Acq: 05 Apr 2019 23:36

Tgt Ion: 78 Resp: 35034

Ion	Ratio	Lower	Upper
78	100		
77	25.0	19.1	28.7



Instrument :
MSVOA_X
ClientSampleId :
S8-0700

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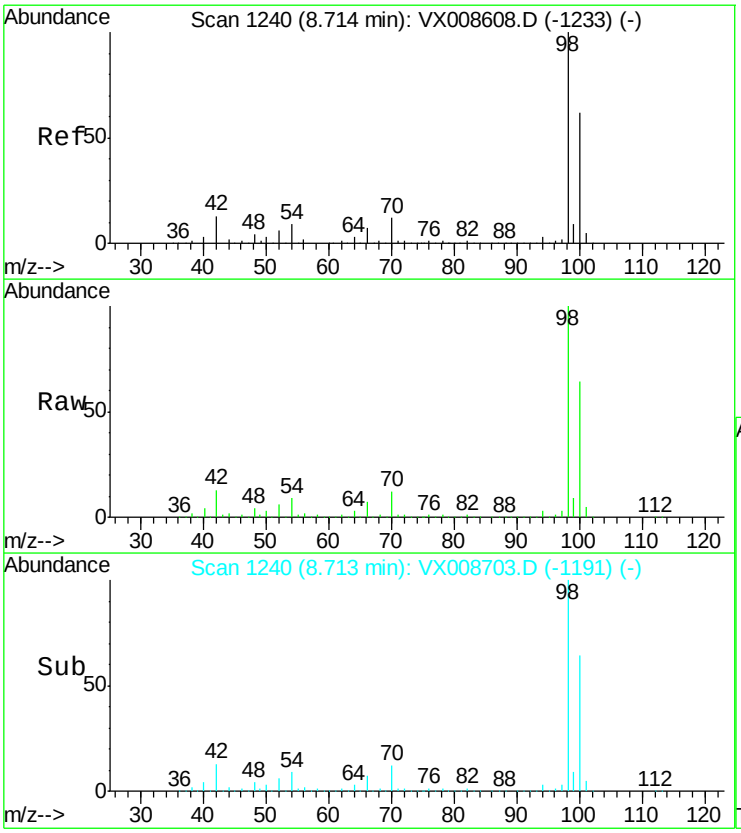
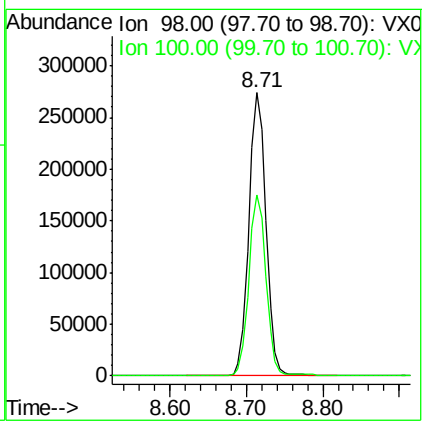
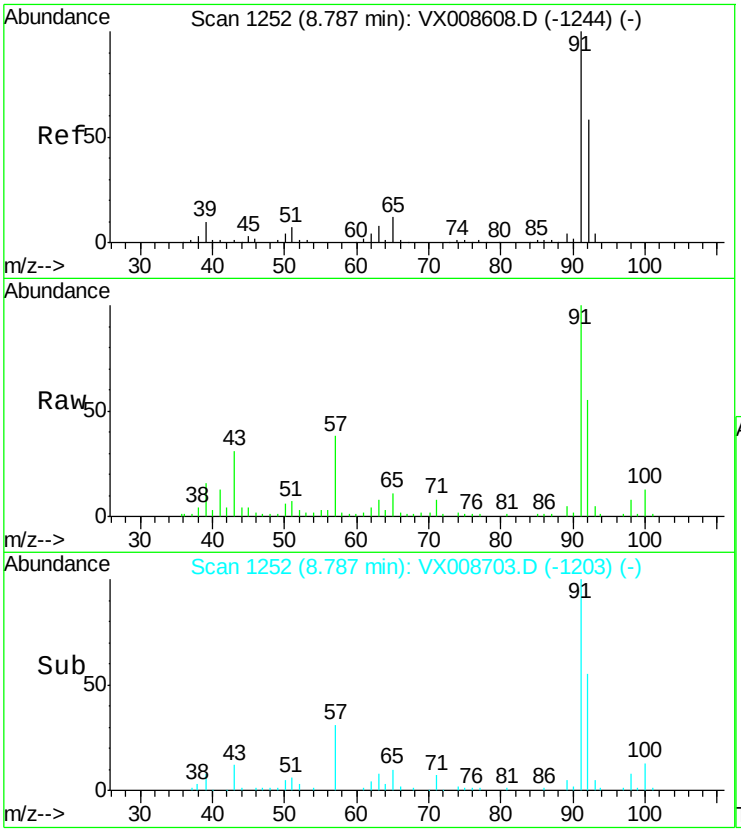


#50
Toluene-d8
Concen: 49.759 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008703.D
Acq: 05 Apr 2019 23:36

Tgt Ion: 98 Resp: 429896

Ion	Ratio	Lower	Upper
98	100		
100	63.4	51.4	77.0

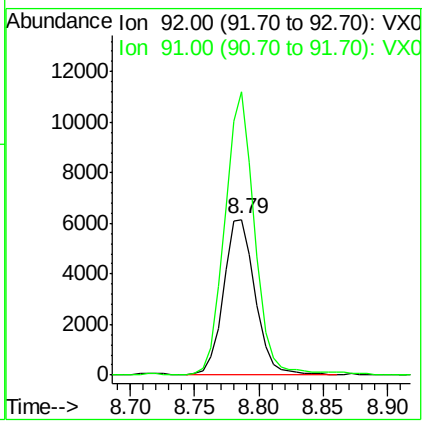




#52
Toluene
Concen: 1.625 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX008703.D
Acq: 05 Apr 2019 23:36

Tgt Ion: 92 Resp: 10587

Ion	Ratio	Lower	Upper
92	100		
91	171.0	138.5	207.7



Instrument :
MSVOA_X
ClientSampleId :
S8-0700

Manual Integrations APPROVED
MMDadoda
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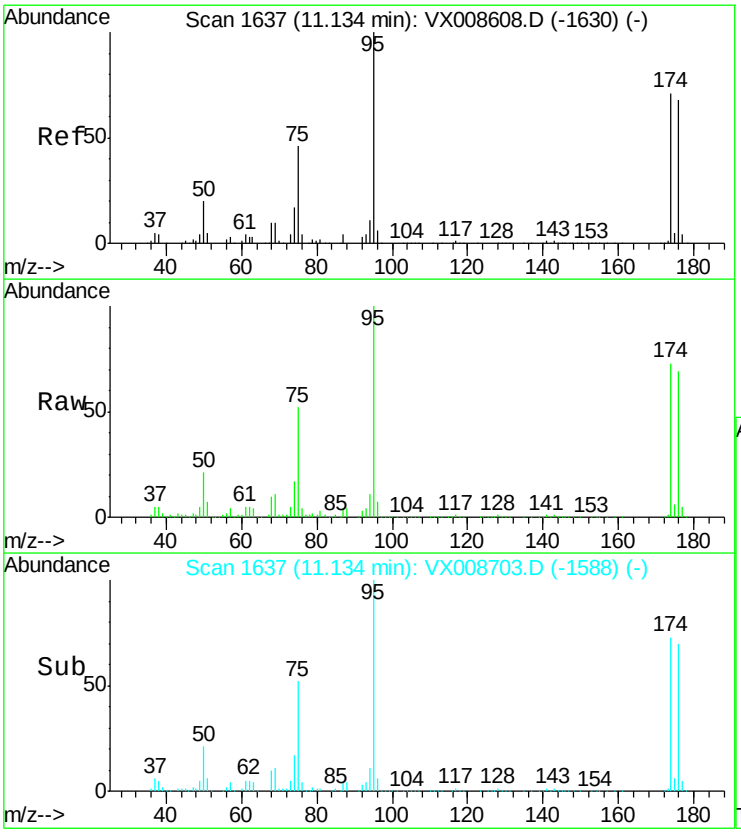
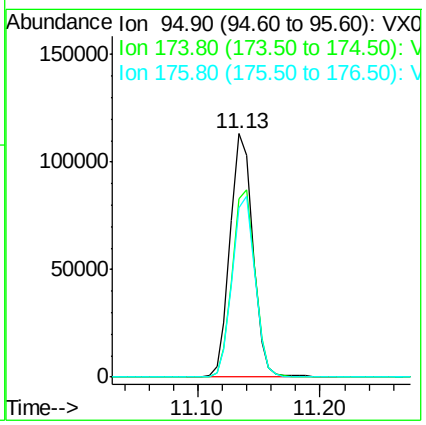
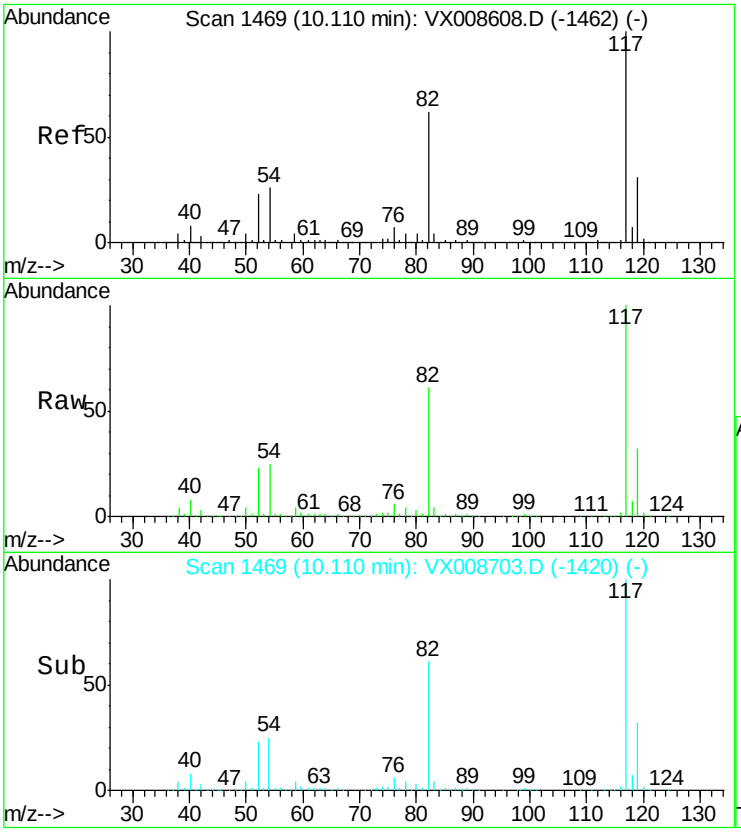


#62
4-Bromofluorobenzene
Concen: 47.345 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008703.D
Acq: 05 Apr 2019 23:36

Tgt Ion: 95 Resp: 145053

Ion	Ratio	Lower	Upper
95	100		
174	77.2	0.0	151.8
176	74.3	0.0	145.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008703.D
Acq: 05 Apr 2019 23:36

Tgt Ion:117 Resp: 297980

Ion	Ratio	Lower	Upper
117	100		
82	61.2	49.6	74.4
119	31.6	25.0	37.4

Instrument :
MSVOA_X
ClientSampleId :
S8-0700

Manual Integrations APPROVED
MMDadoda
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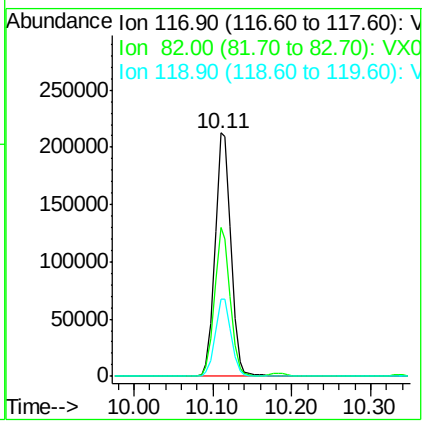
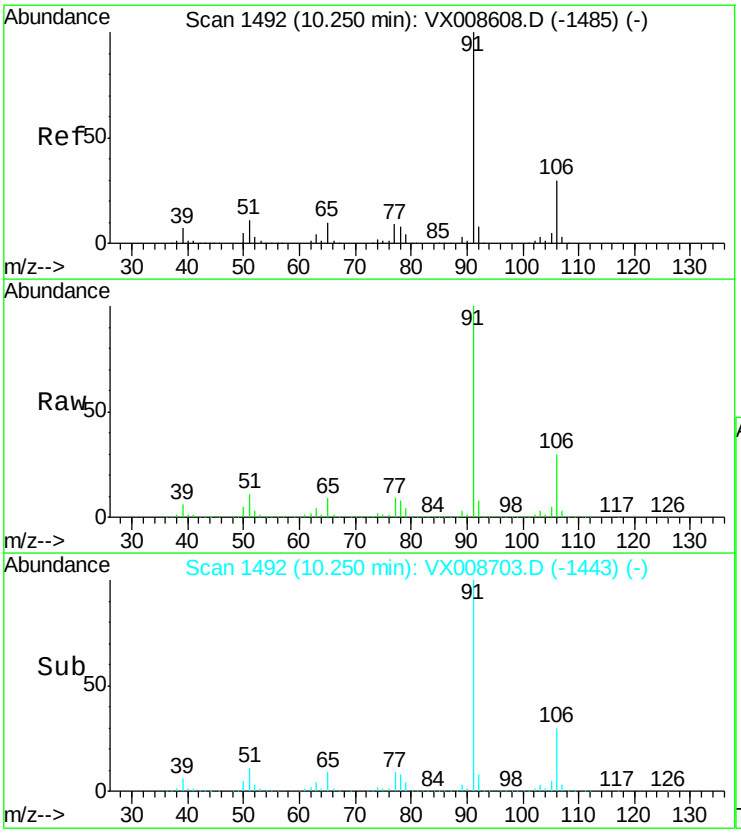
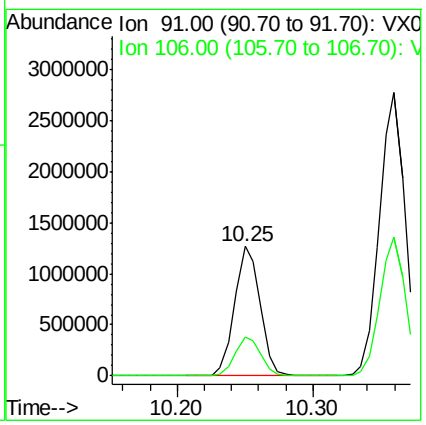


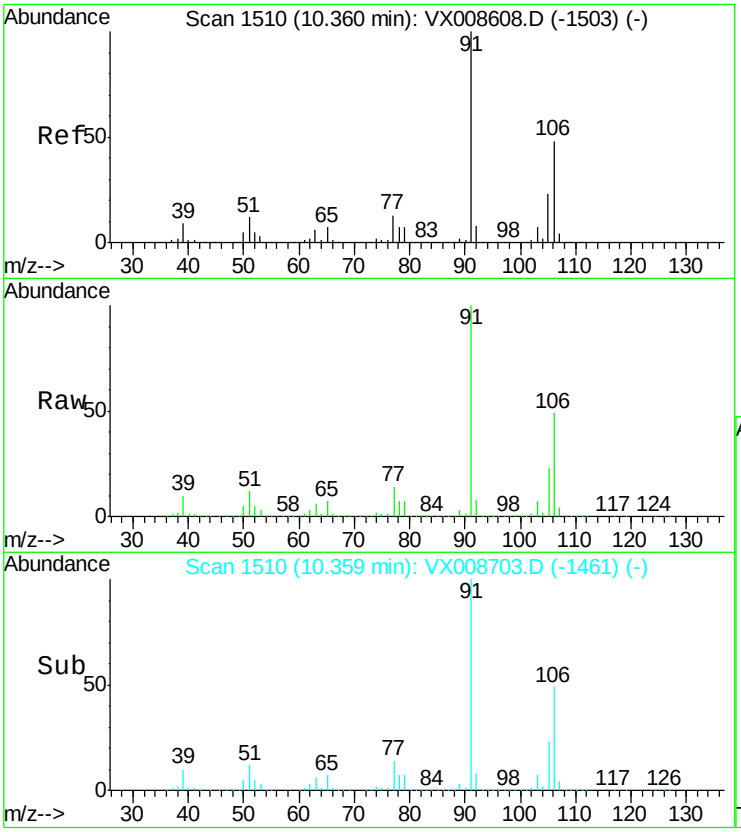


#67
Ethyl Benzene
Concen: 134.472 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX008703.D
Acq: 05 Apr 2019 23:36

Tgt Ion: 91 Resp: 1656253

Ion	Ratio	Lower	Upper
91	100		
106	30.1	23.7	35.5





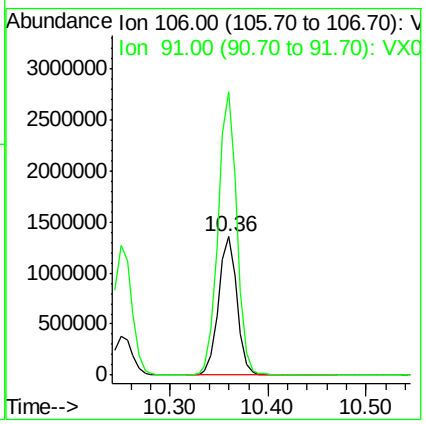
#68
m/p-Xylenes
Concen: 400.259 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX008703.D
Acq: 05 Apr 2019 23:36

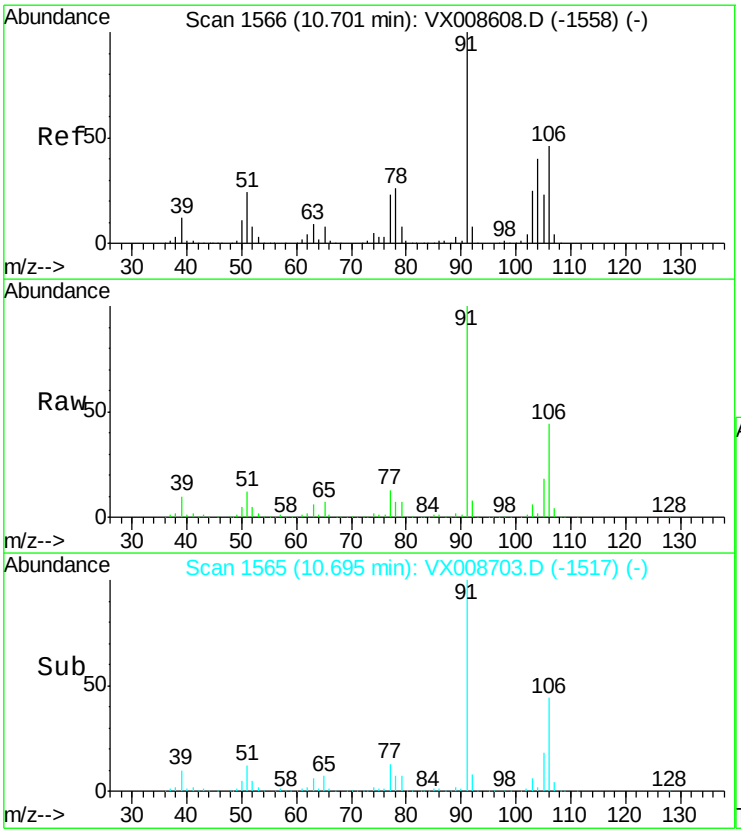
Tgt Ion:106 Resp: 1772550

Ion	Ratio	Lower	Upper
106	100		
91	206.6	168.5	252.7

Instrument :
MSVOA_X
ClientSampleId :
S8-0700

Manual Integrations APPROVED
MMDadoda
4/8/2019 9:50:23 AM

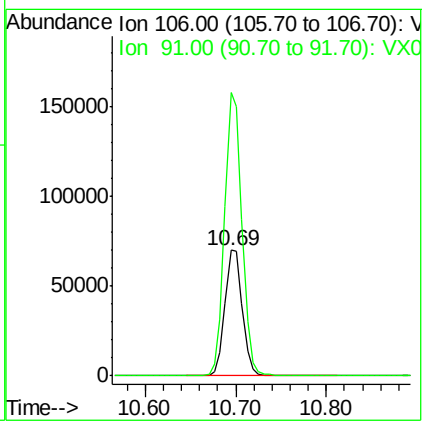


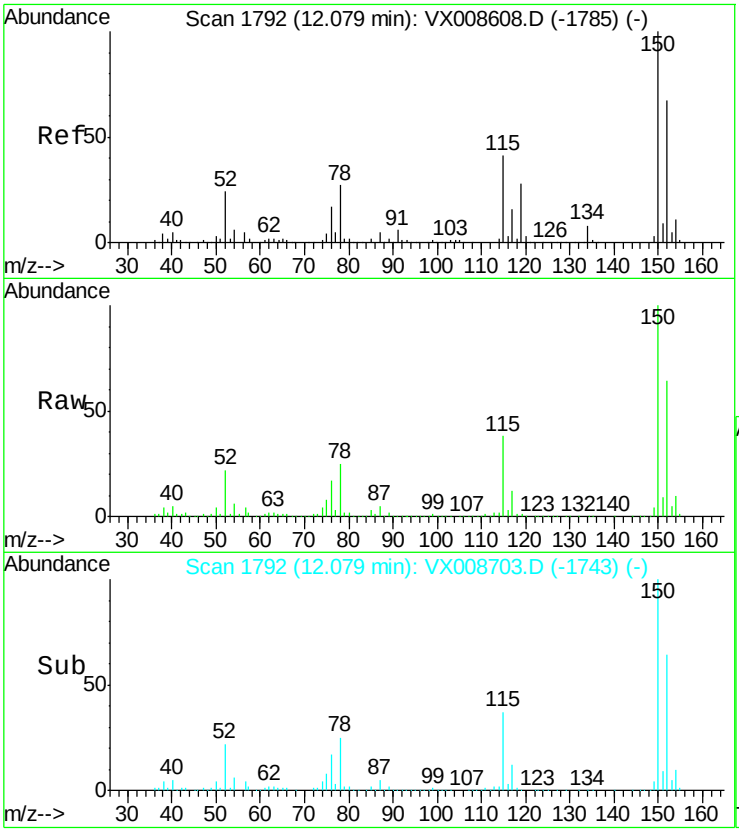


#69
o-Xylene
Concen: 21.907 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX008703.D
Acq: 05 Apr 2019 23:36

Tgt Ion:106 Resp: 94017

Ion	Ratio	Lower	Upper
106	100		
91	221.8	111.5	334.4

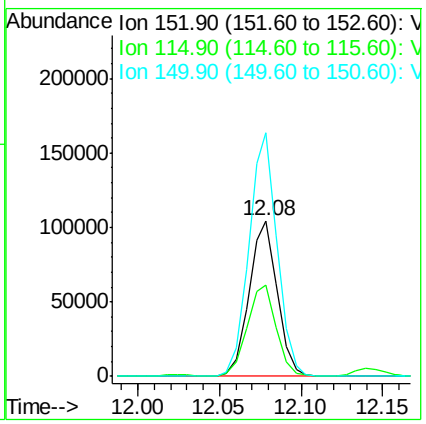




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX008703.D
Acq: 05 Apr 2019 23:36

Tgt Ion:152 Resp: 125351

Ion	Ratio	Lower	Upper
152	100		
115	60.5	43.5	130.5
150	157.3	0.0	348.8



Instrument :
MSVOA_X
ClientSampleId :
S8-0700

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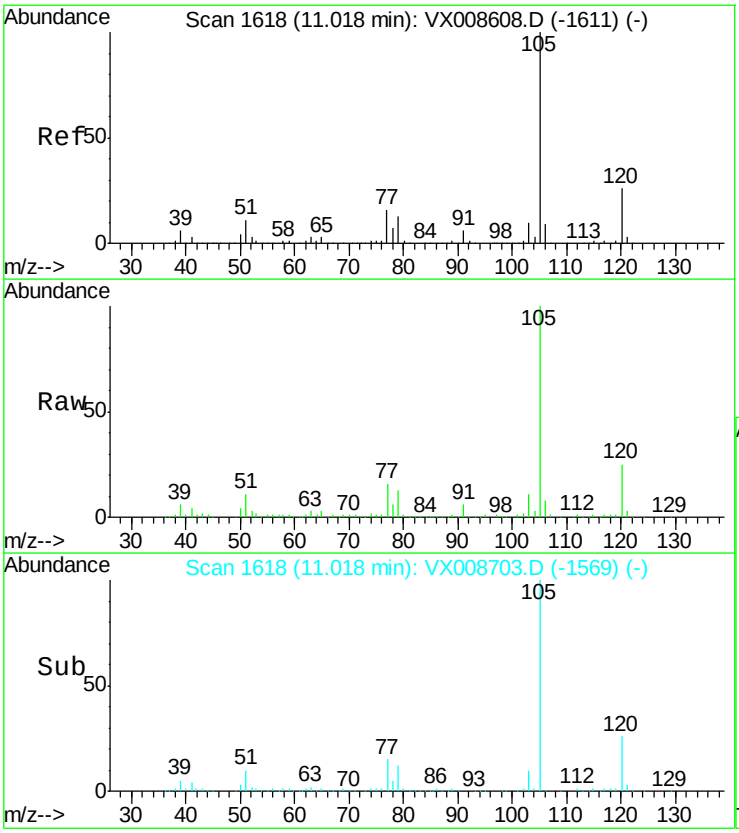
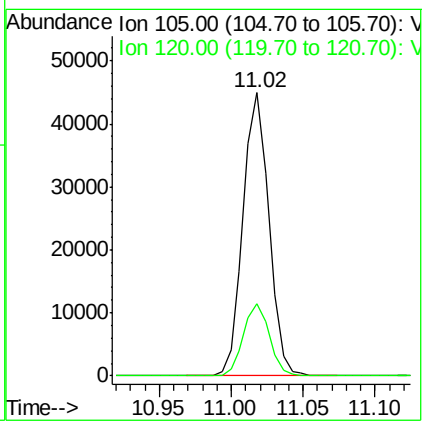
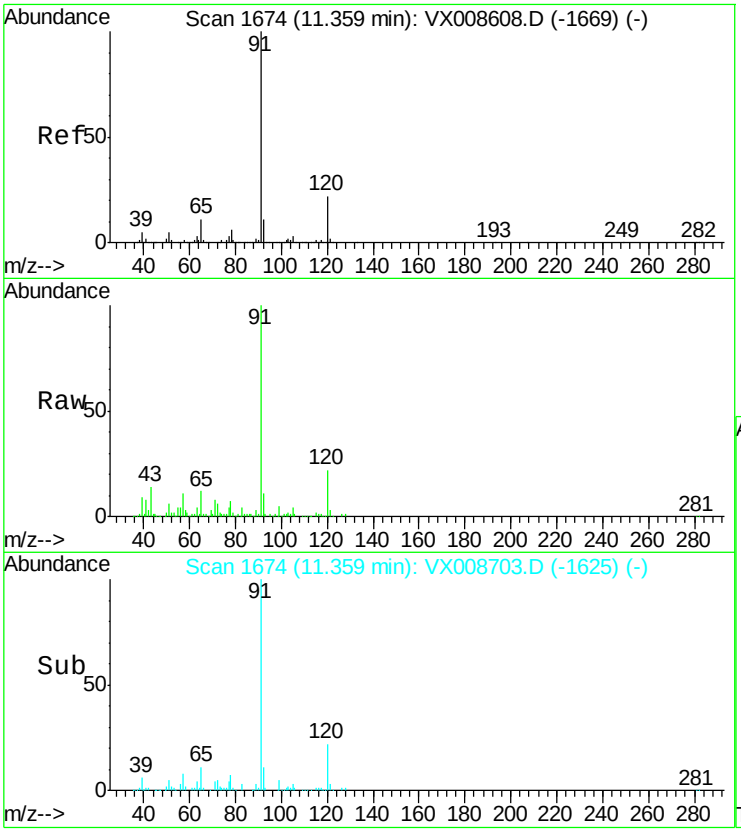


#73
Isopropylbenzene
Concen: 5.383 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX008703.D
Acq: 05 Apr 2019 23:36

Tgt Ion:105 Resp: 55917

Ion	Ratio	Lower	Upper
105	100		
120	25.7	12.9	38.6





#78
n-propylbenzene
Concen: 3.930 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VX008703.D
Acq: 05 Apr 2019 23:36

Tgt Ion: 91 Resp: 47538

Ion	Ratio	Lower	Upper
91	100		
120	22.2	10.9	32.7

Instrument :
MSVOA_X
ClientSampleId :
S8-0700

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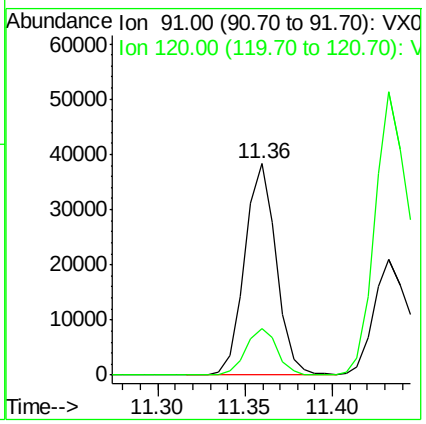
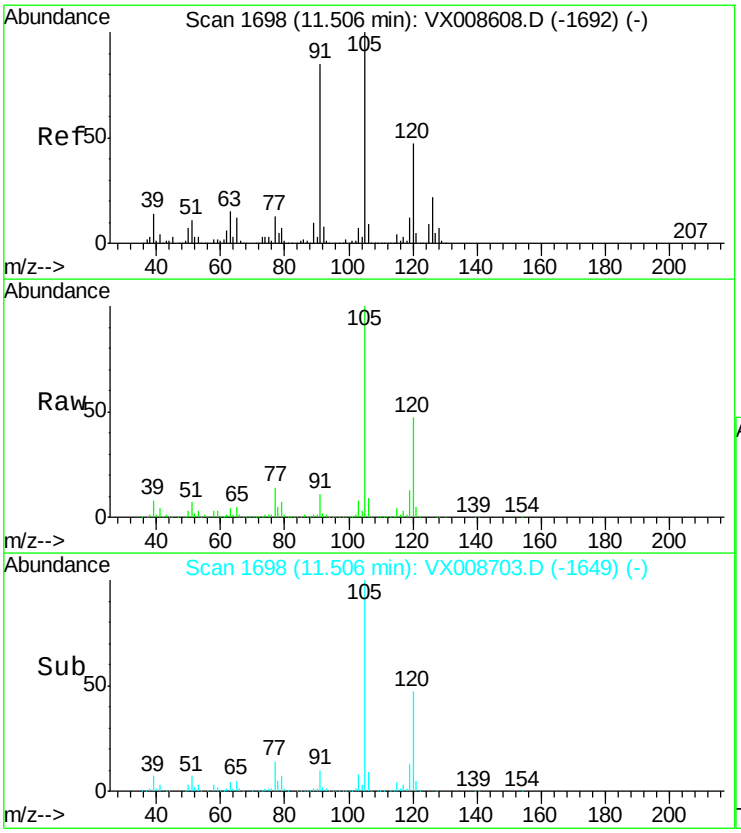
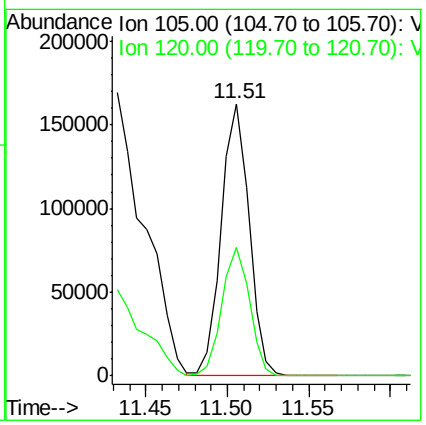


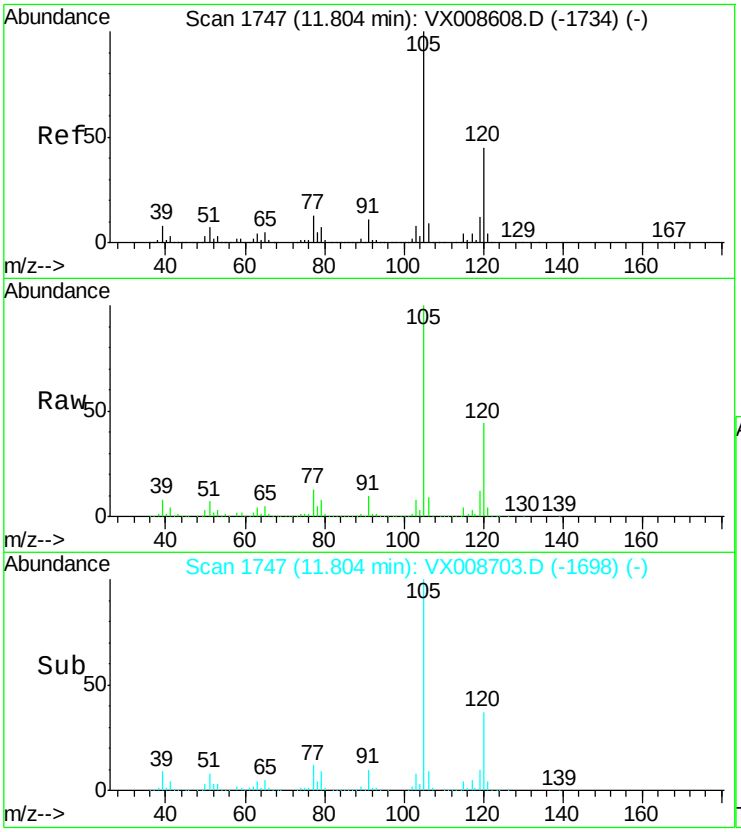


#80
1,3,5-Trimethylbenzene
Concen: 22.178 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX008703.D
Acq: 05 Apr 2019 23:36

Tgt Ion:105 Resp: 193393

Ion	Ratio	Lower	Upper
105	100		
120	47.3	23.5	70.6





#84
1,2,4-Trimethylbenzene
Concen: 33.077 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX008703.D
Acq: 05 Apr 2019 23:36

Tgt Ion:105 Resp: 292052

Ion	Ratio	Lower	Upper
105	100		
120	44.1	21.8	65.3

Instrument :
MSVOA_X
ClientSampleId :
S8-0700

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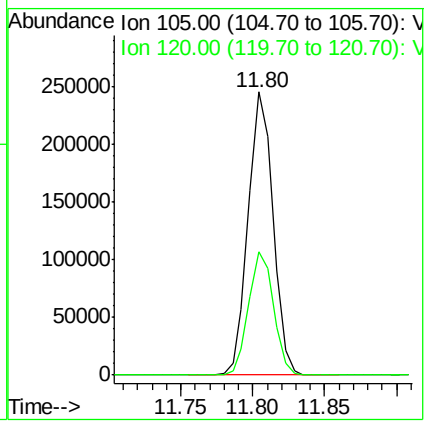
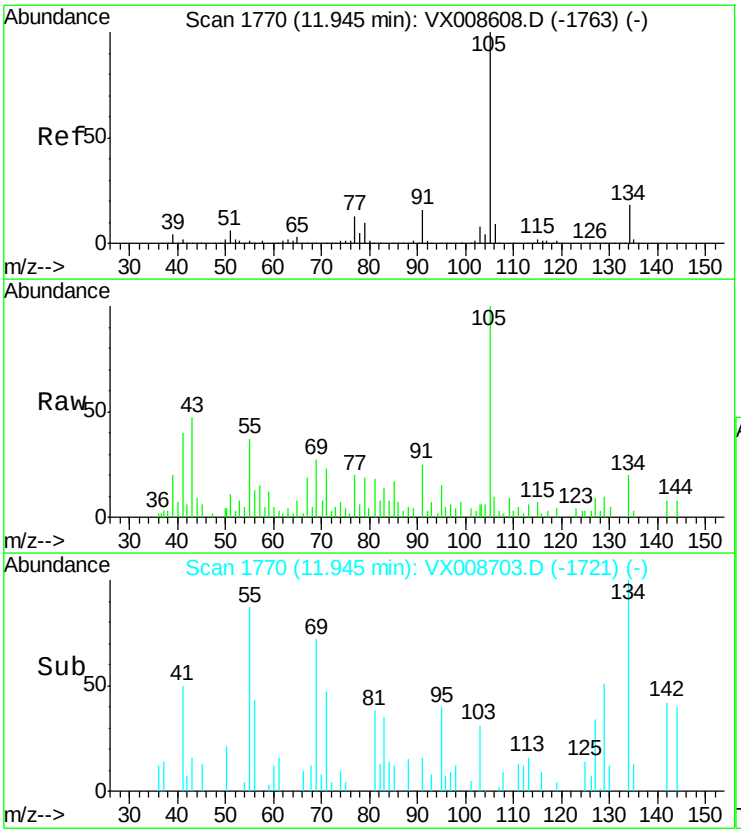
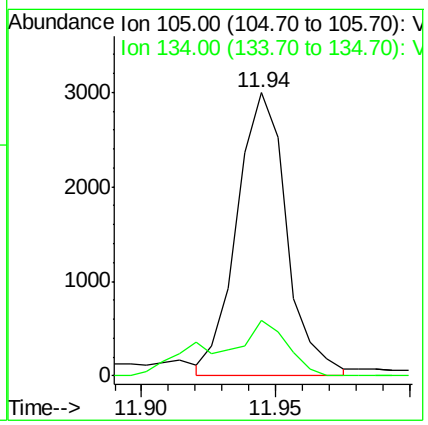


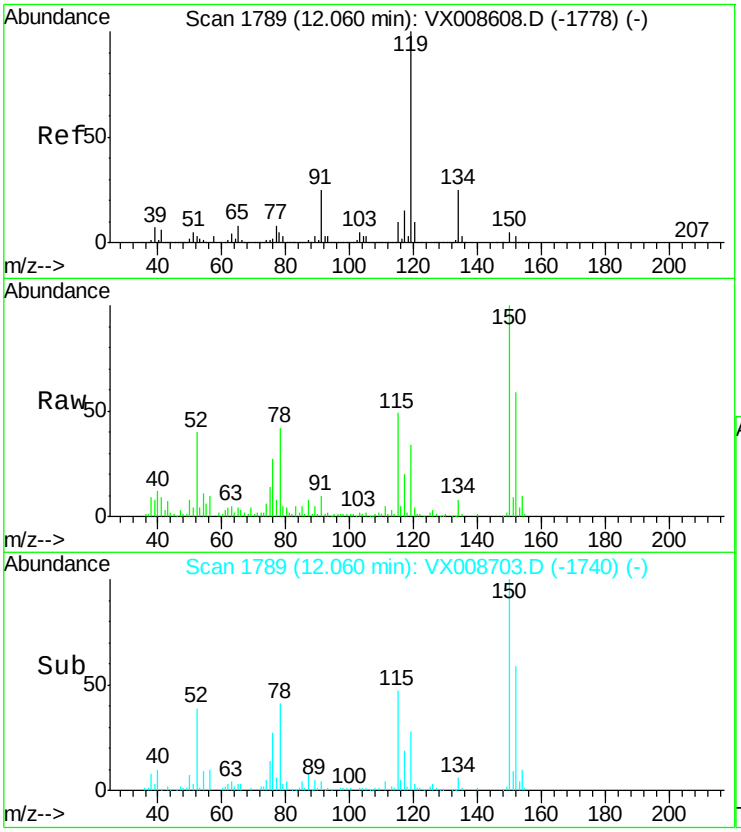


#85
sec-Butylbenzene
Concen: 0.387 ug/l m
RT: 11.94 min Scan# 1770
Delta R.T. -0.00 min
Lab File: VX008703.D
Acq: 05 Apr 2019 23:36

Tgt Ion:105 Resp: 3855

Ion	Ratio	Lower	Upper
105	100		
134	0.0	9.4	28.2#

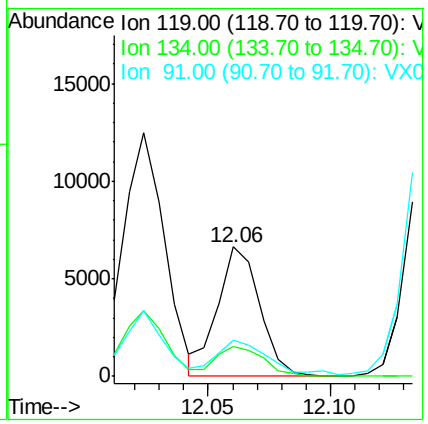




#86
p-Isopropyltoluene
Concen: 0.887 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX008703.D
Acq: 05 Apr 2019 23:36

Tgt Ion:119 Resp: 7930

Ion	Ratio	Lower	Upper
119	100		
134	24.8	12.8	38.4
91	31.7	12.2	36.6



Instrument :
MSVOA_X
ClientSampleId :
S8-0700

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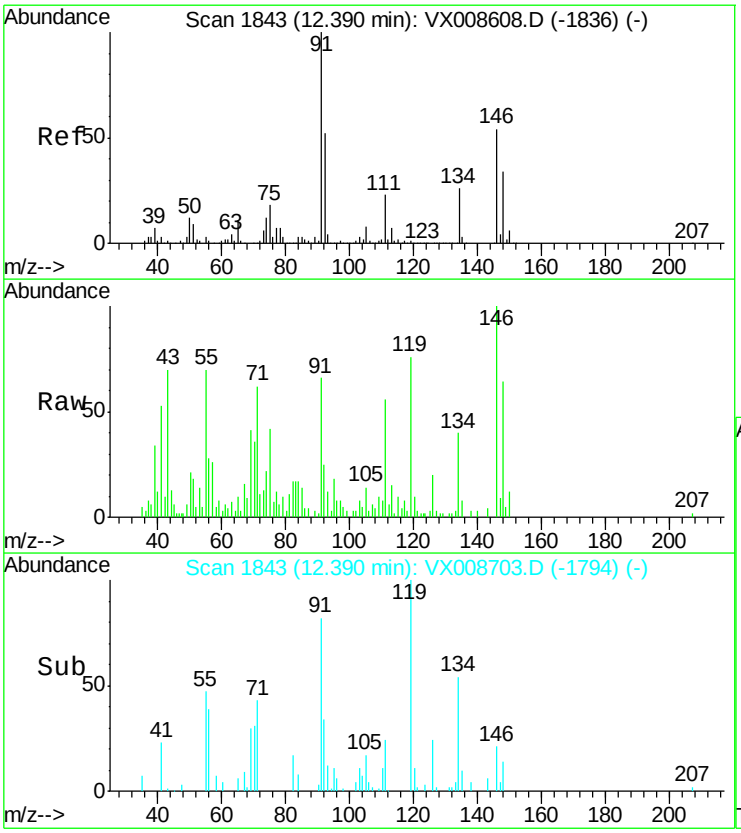
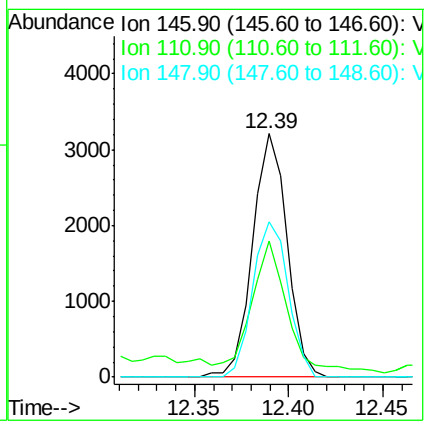
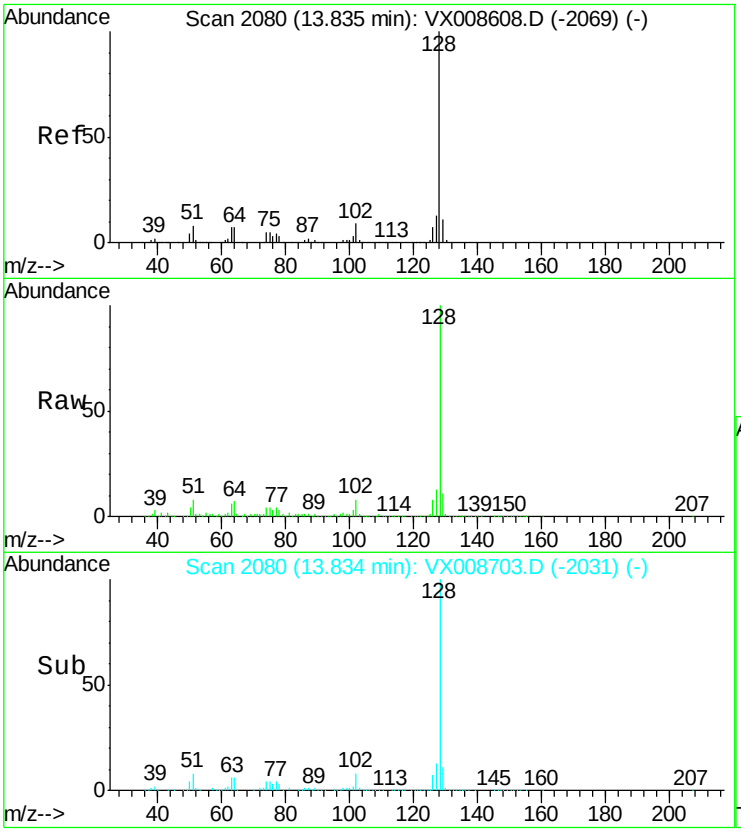


#91
1,2-Dichlorobenzene
Concen: 0.920 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX008703.D
Acq: 05 Apr 2019 23:36

Tgt Ion:146 Resp: 4082

Ion	Ratio	Lower	Upper
146	100		
111	57.4	21.3	63.9
148	65.4	31.7	95.1

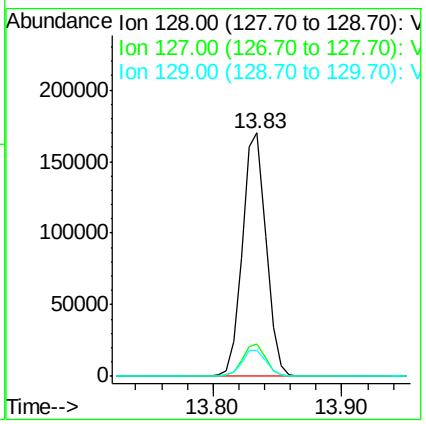




#95
Naphthalene
Concen: 20.708 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX008703.D
Acq: 05 Apr 2019 23:36

Tgt Ion:128 Resp: 213608

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	11.4	8.6	13.0



Instrument :
MSVOA_X
ClientSampleId :
S8-0700

Manual Integrations APPROVED
MMDadoda
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