Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072019\
Data File : VX011006.D
Acq On : 19 Jul 2019 16:38
Operator : JC/SP
Sample : K3884-21
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0622

Manual Integrations APPROVED
MMDadoda
7/22/2019 5:23:16 PM

Quant Time: Jul 20 01:50:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 17 06:57:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	243068	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	381334	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	355110	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	194933	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	135057	52.23	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.46%			
35) Dibromofluoromethane	5.50	113	117218	48.43	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.86%			
50) Toluene-d8	8.71	98	463369	51.04	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.08%			
62) 4-Bromofluorobenzene	11.13	95	182044	54.56	ug/l	0.00
Spiked Amount 50.000			Recovery = 109.12%			
Target Compounds						Qvalue
16) Acetone	2.45	43	5146	4.406	ug/l	99
25) 2-Butanone	4.68	43	6088	3.631	ug/l	97
31) Cyclohexane	5.58	56	290916	82.858	ug/l	99
39) Methylcyclohexane	7.46	83	635178	156.371	ug/l	98
52) Toluene	8.79	92	42741	6.781	ug/l	99
67) Ethyl Benzene	10.26	91	5356934	431.499	ug/l	98
68) m/p-Xylenes	10.37	106	4730566	993.363	ug/l	95
69) o-Xylene	10.70	106	3434188	738.909	ug/l	98
73) Isopropylbenzene	11.02	105	721387	54.768	ug/l	99
78) n-propylbenzene	11.36	91	966033	66.378	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	1227472	111.526	ug/l	100
83) tert-Butylbenzene	11.77	119	7453m	0.689	ug/l	
84) 1,2,4-Trimethylbenzene	11.80	105	4083803	368.137	ug/l	100
85) sec-Butylbenzene	11.94	105	121655m	9.604	ug/l	
86) p-Isopropyltoluene	12.06	119	123006	10.503	ug/l	99
89) n-Butylbenzene	12.38	91	95882	9.570	ug/l #	22
95) Naphthalene	13.83	128	651672	52.111	ug/l	100

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

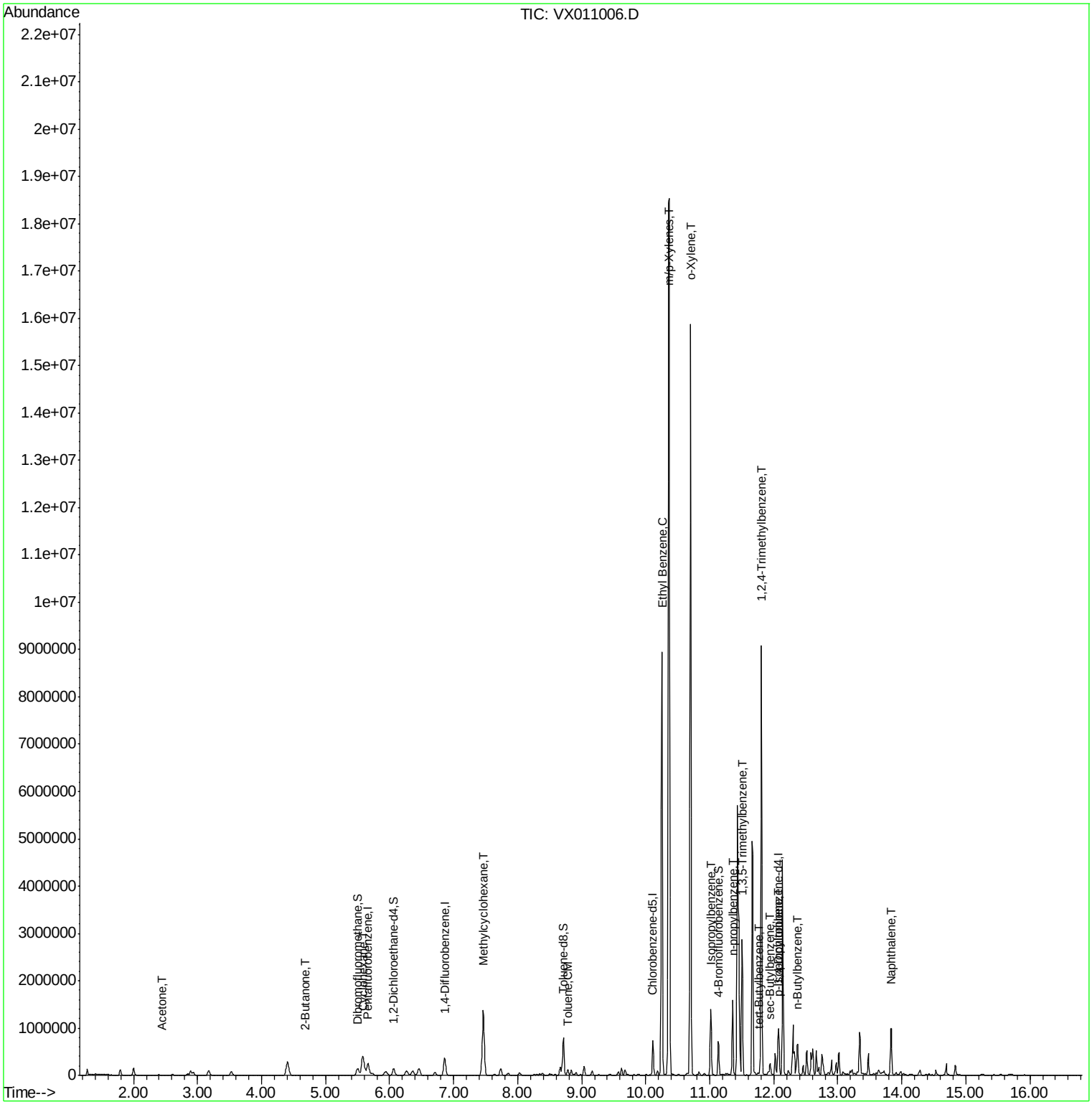
Quantitation Report (QT/LSC Reviewed)

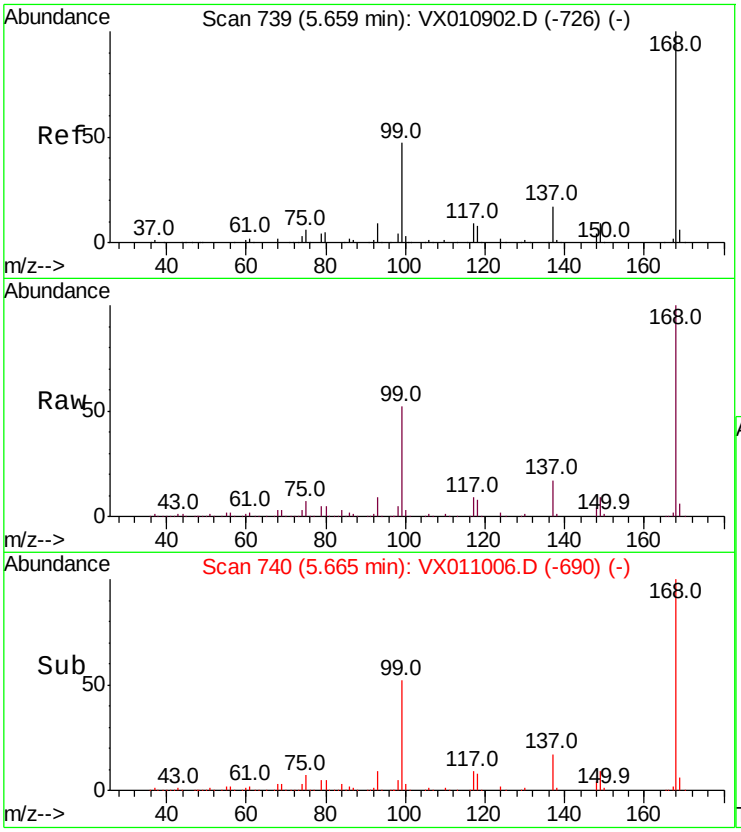
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072019\
Data File : VX011006.D
Acq On : 19 Jul 2019 16:38
Operator : JC/SP
Sample : K3884-21
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jul 20 01:50:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 17 06:57:45 2019
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
FL-0622

Manual Integrations APPROVED
MMDadoda
7/22/2019 5:23:16 PM

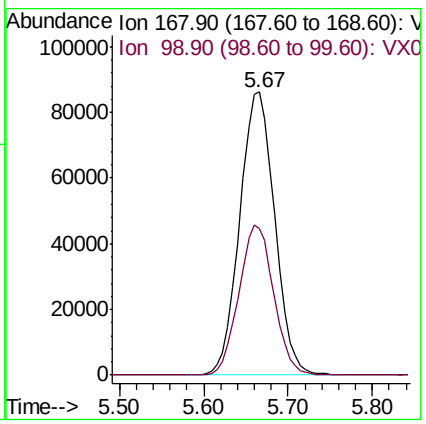




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX011006.D
Acq: 19 Jul 2019 16:38

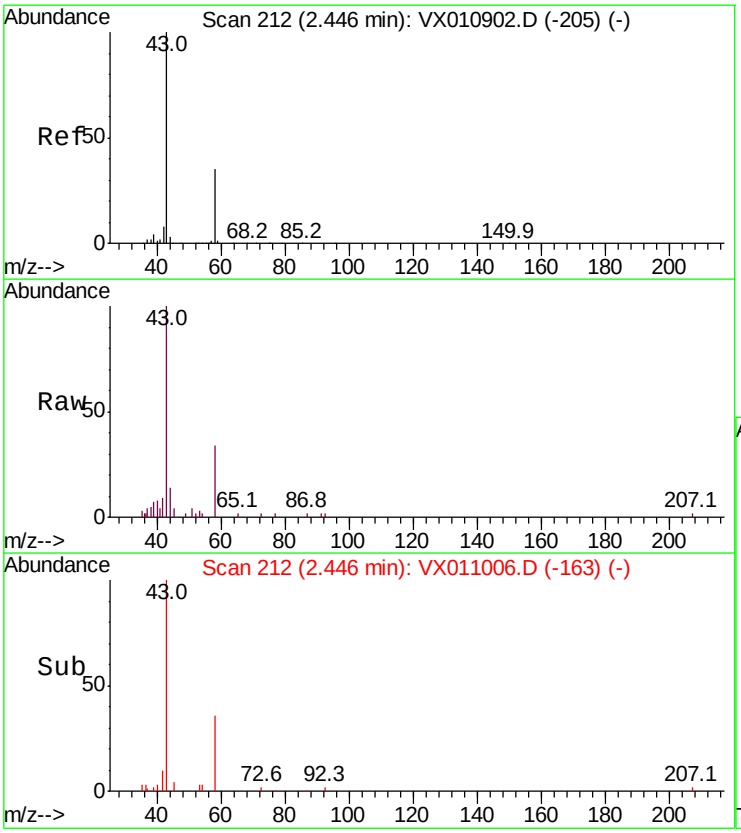
Tgt Ion:168 Resp: 243068

Ion	Ratio	Lower	Upper
168	100		
99	51.5	37.6	56.4



Instrument :
MSVOA_X
ClientSampleId :
FL-0622

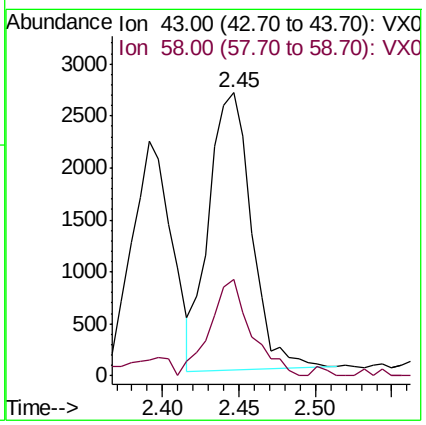
Manual Integrations APPROVED
MMDadoda
7/22/2019 5:23:16 PM

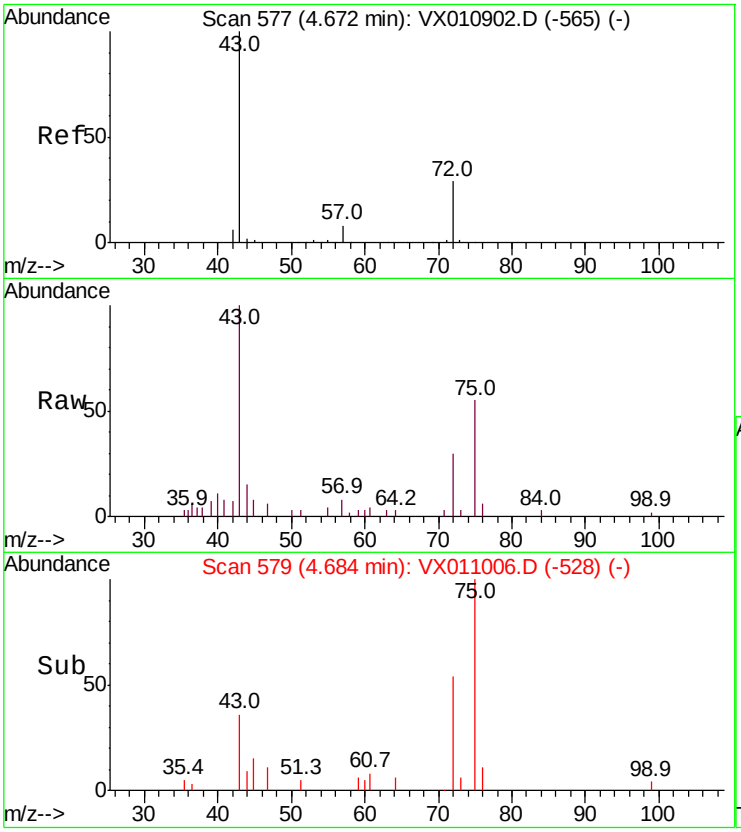


#16
Acetone
Concen: 4.406 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX011006.D
Acq: 19 Jul 2019 16:38

Tgt Ion: 43 Resp: 5146

Ion	Ratio	Lower	Upper
43	100		
58	35.4	27.7	41.5

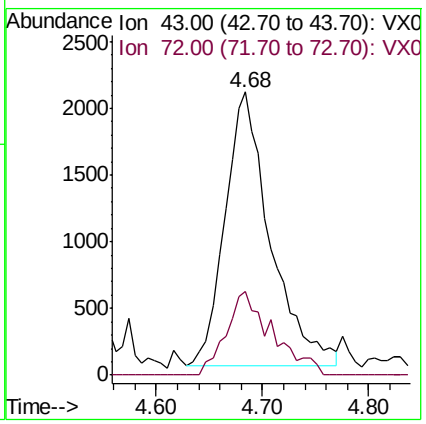




#25
2-Butanone
Concen: 3.631 ug/l
RT: 4.68 min Scan# 579
Delta R.T. 0.01 min
Lab File: VX011006.D
Acq: 19 Jul 2019 16:38

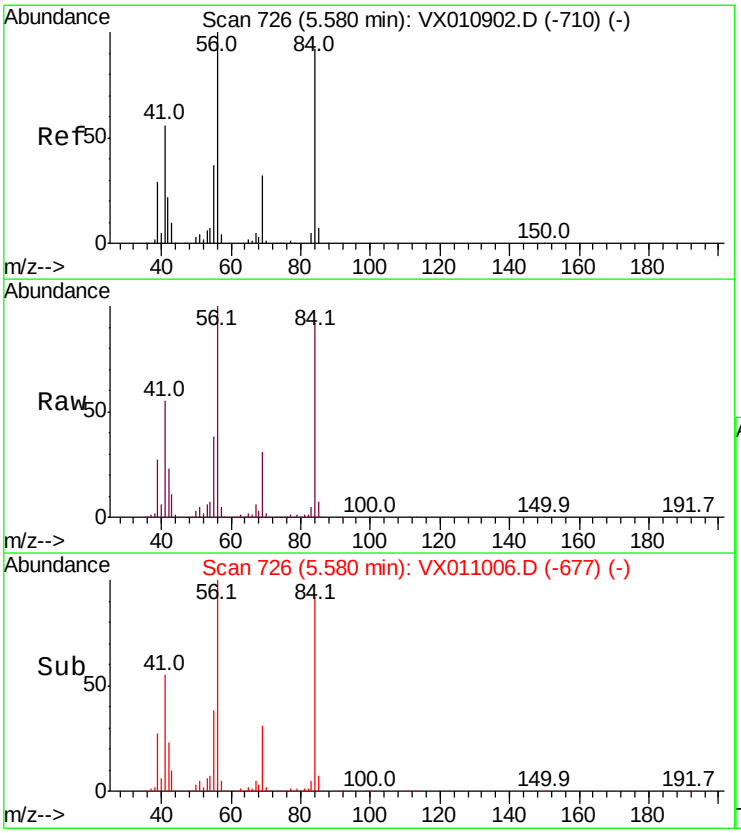
Tgt Ion: 43 Resp: 6088

Ion	Ratio	Lower	Upper
43	100		
72	30.6	23.0	34.6



Instrument :
MSVOA_X
ClientSampleId :
FL-0622

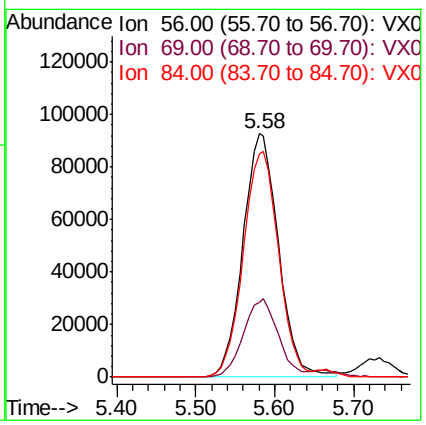
Manual Integrations APPROVED
MMDadoda
7/22/2019 5:23:16 PM

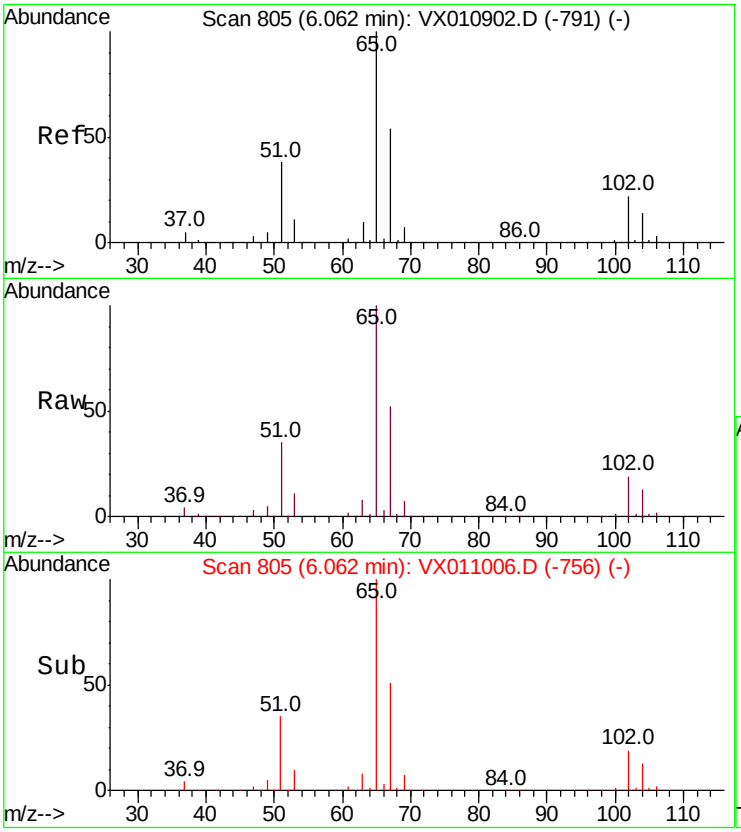


#31
Cyclohexane
Concen: 82.858 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.00 min
Lab File: VX011006.D
Acq: 19 Jul 2019 16:38

Tgt Ion: 56 Resp: 290916

Ion	Ratio	Lower	Upper
56	100		
69	30.8	25.8	38.8
84	91.8	73.8	110.6

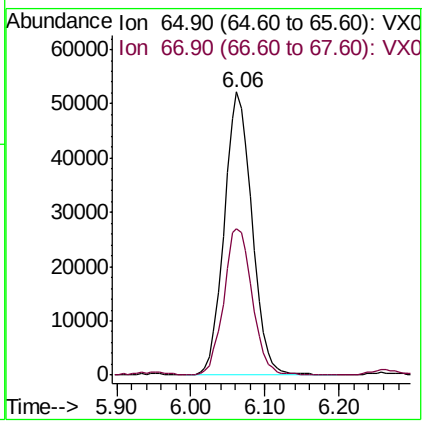




#33
1,2-Dichloroethane-d4
Concen: 52.229 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX011006.D
Acq: 19 Jul 2019 16:38

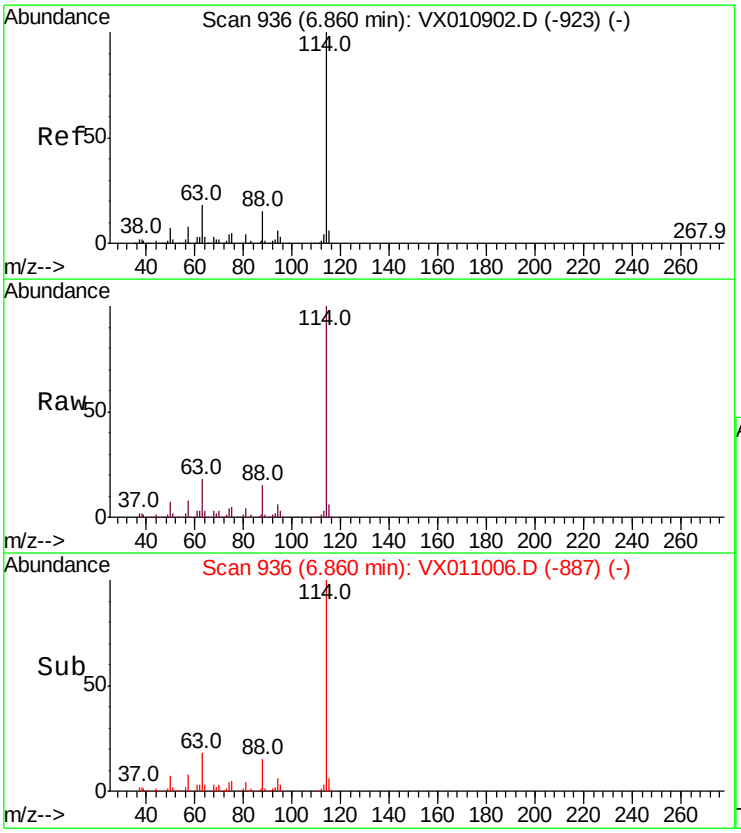
Tgt Ion: 65 Resp: 135057

Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	107.8



Instrument :
MSVOA_X
ClientSampleId :
FL-0622

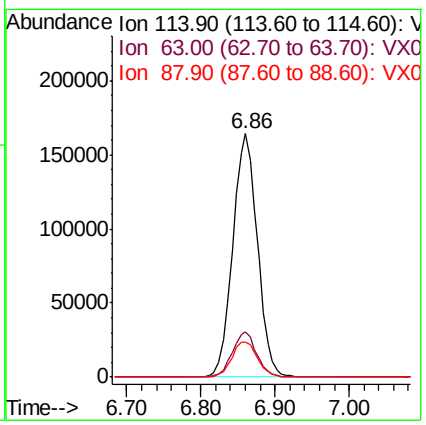
Manual Integrations APPROVED
MMDadoda
7/22/2019 5:23:16 PM

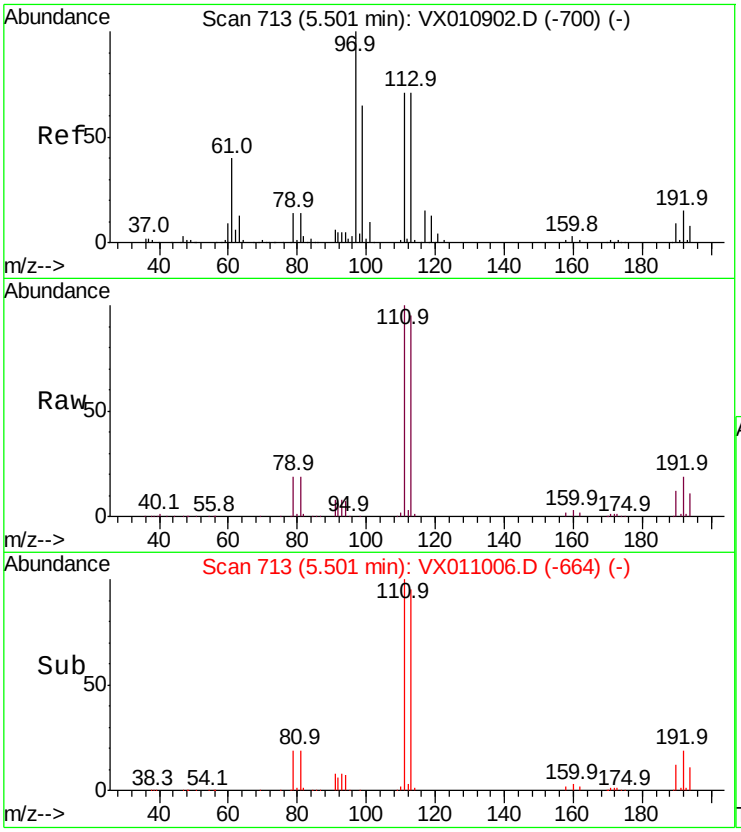


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX011006.D
Acq: 19 Jul 2019 16:38

Tgt Ion:114 Resp: 381334

Ion	Ratio	Lower	Upper
114	100		
63	18.4	0.0	35.6
88	14.6	0.0	29.8

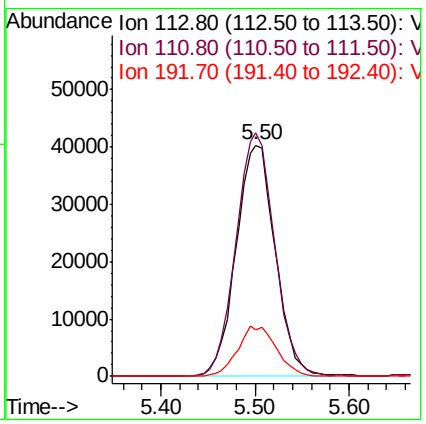




#35
Dibromofluoromethane
Concen: 48.429 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX011006.D
Acq: 19 Jul 2019 16:38

Tgt Ion:113 Resp: 117218

Ion	Ratio	Lower	Upper
113	100		
111	104.0	82.3	123.5
192	21.6	17.4	26.2



Instrument :
MSVOA_X
ClientSampleId :
FL-0622

Manual Integrations APPROVED
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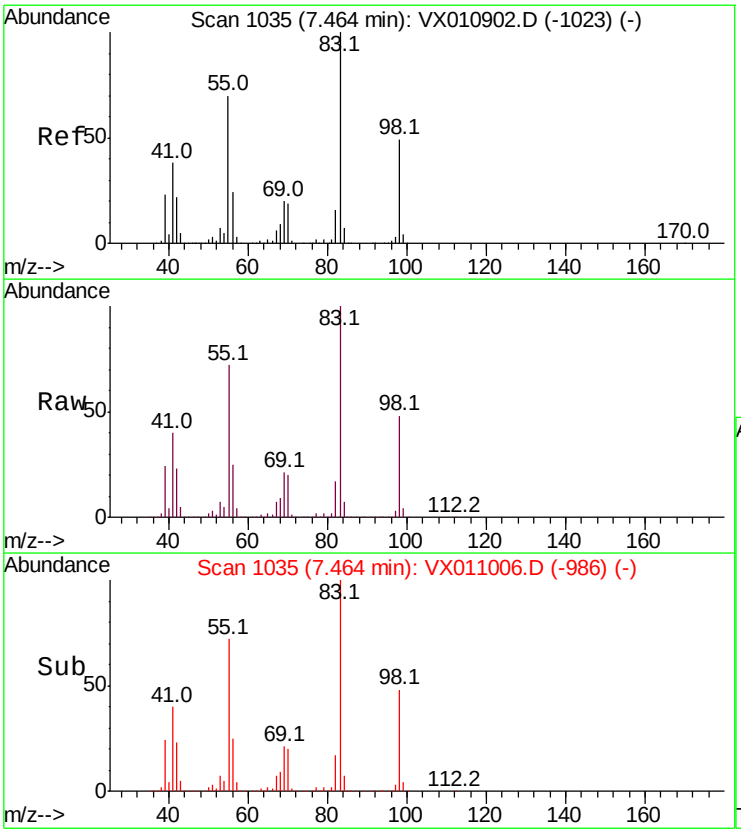
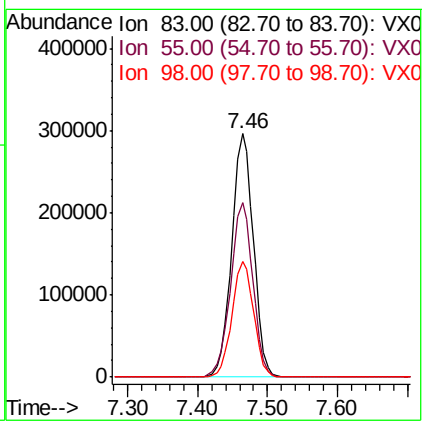
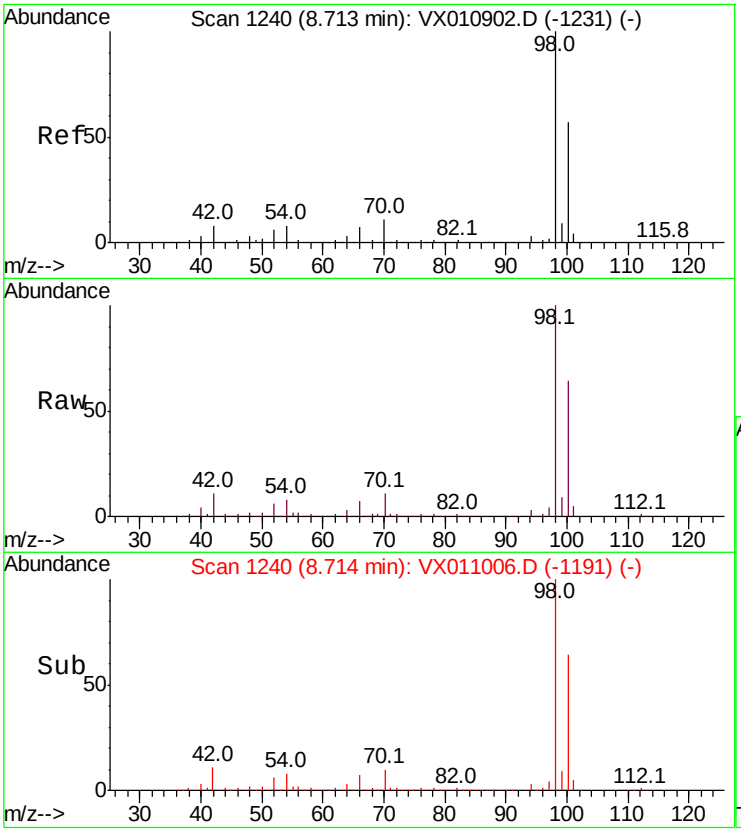


#39
Methylcyclohexane
Concen: 156.371 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX011006.D
Acq: 19 Jul 2019 16:38

Tgt Ion: 83 Resp: 635178

Ion	Ratio	Lower	Upper
83	100		
55	71.8	56.2	84.4
98	47.6	39.0	58.4

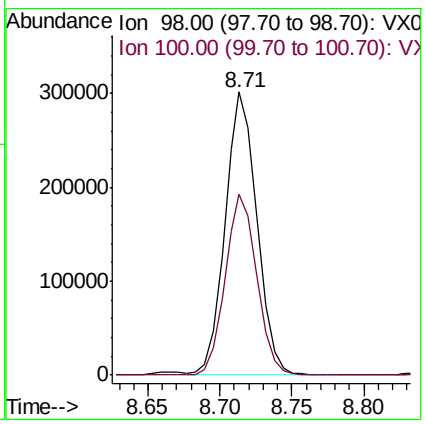




#50
Toluene-d8
Concen: 51.043 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011006.D
Acq: 19 Jul 2019 16:38

Tgt Ion: 98 Resp: 463369

Ion	Ratio	Lower	Upper
98	100		
100	63.8	50.6	75.8



Instrument :
MSVOA_X
ClientSampleId :
FL-0622

Manual Integrations APPROVED
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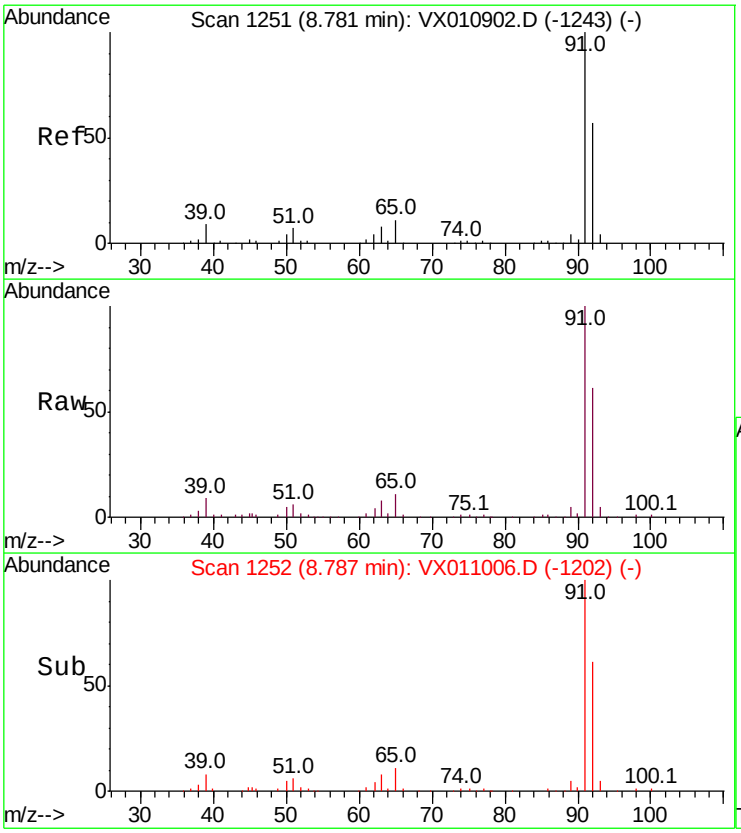
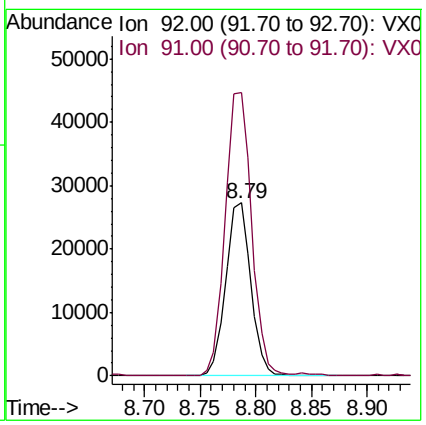
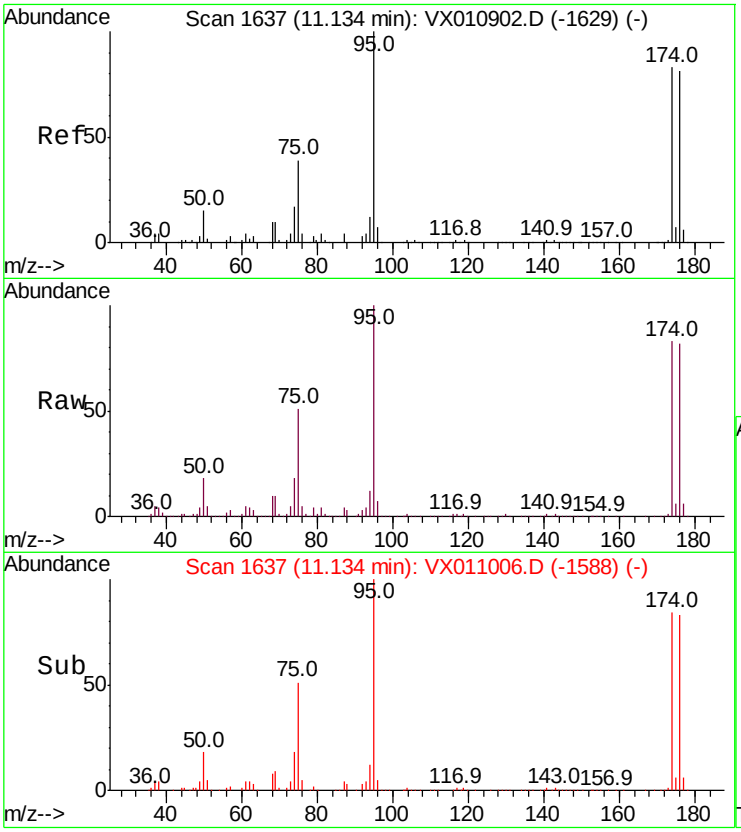


#52
Toluene
Concen: 6.781 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.01 min
Lab File: VX011006.D
Acq: 19 Jul 2019 16:38

Tgt Ion: 92 Resp: 42741

Ion	Ratio	Lower	Upper
92	100		
91	173.2	139.4	209.0

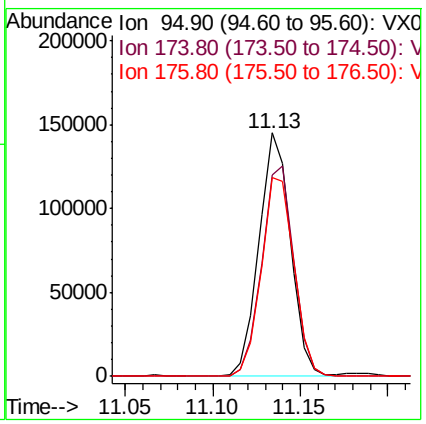




#62
4-Bromofluorobenzene
Concen: 54.556 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX011006.D
Acq: 19 Jul 2019 16:38

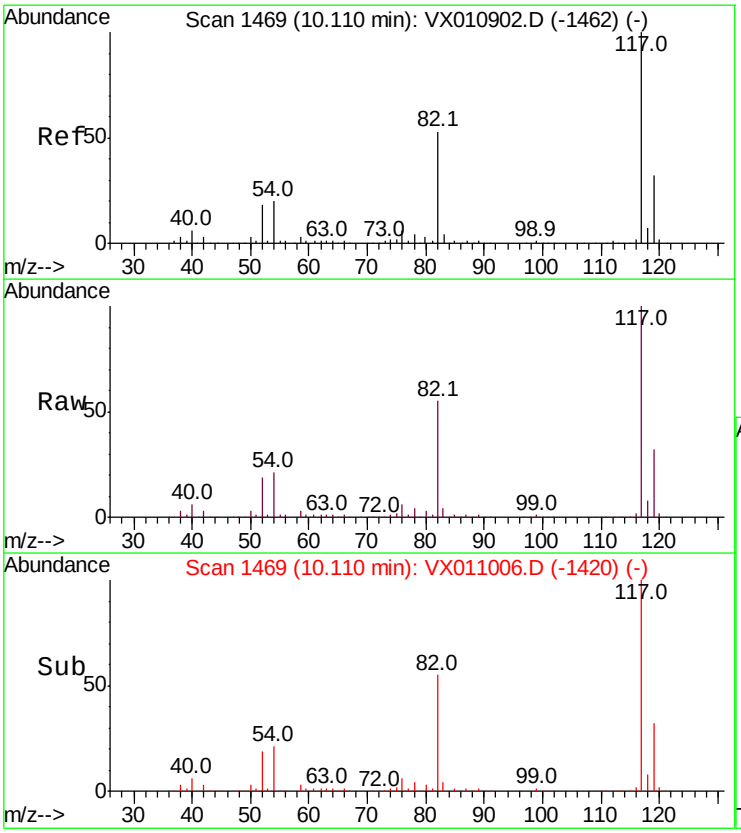
Tgt Ion: 95 Resp: 182044

Ion	Ratio	Lower	Upper
95	100		
174	88.0	0.0	180.6
176	84.8	0.0	173.8



Instrument :
MSVOA_X
ClientSampleId :
FL-0622

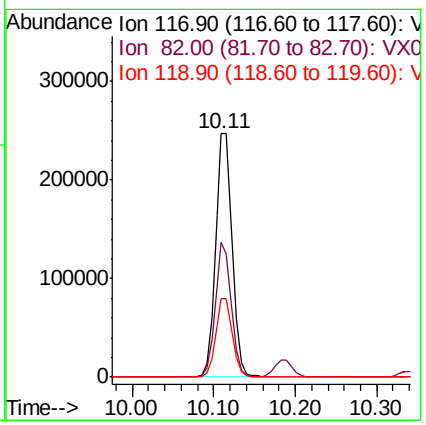
Manual Integrations APPROVED
MMDadoda
7/22/2019 5:23:16 PM

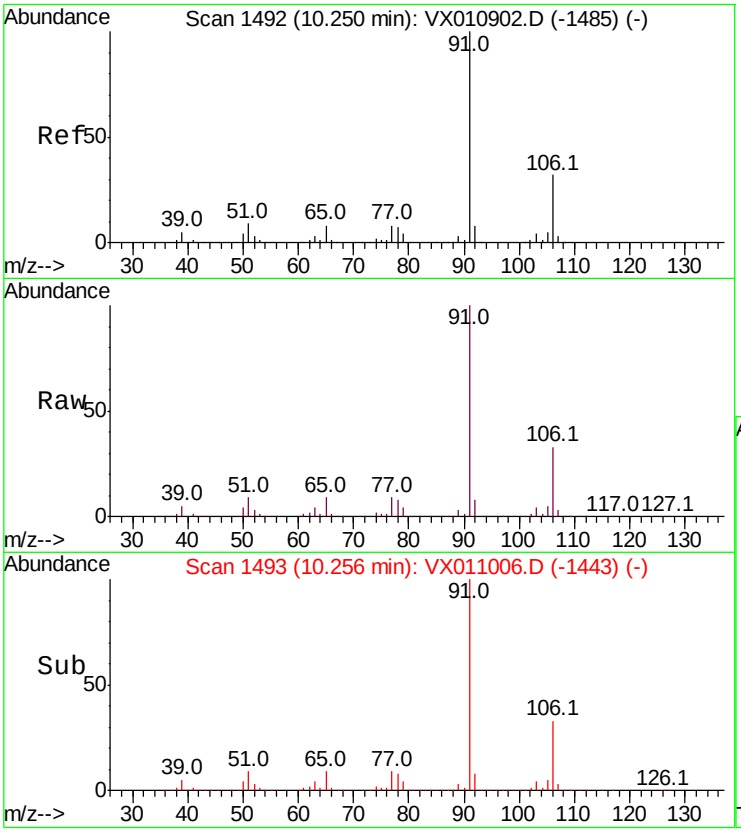


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011006.D
Acq: 19 Jul 2019 16:38

Tgt Ion:117 Resp: 355110

Ion	Ratio	Lower	Upper
117	100		
82	55.0	42.6	63.8
119	32.5	25.9	38.9





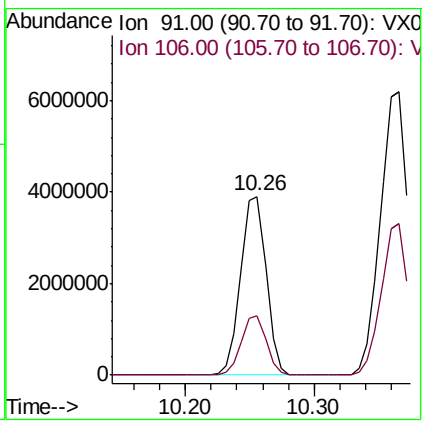
#67
Ethyl Benzene
Concen: 431.499 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. 0.01 min
Lab File: VX011006.D
Acq: 19 Jul 2019 16:38

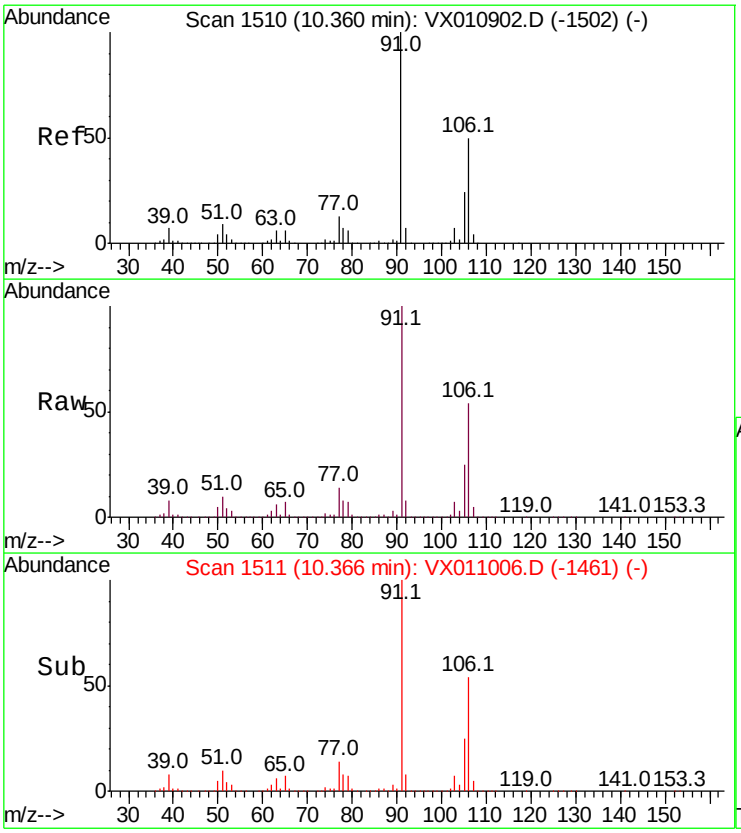
Tgt Ion: 91 Resp: 5356934

Ion	Ratio	Lower	Upper
91	100		
106	33.1	25.4	38.2

Instrument :
MSVOA_X
ClientSampleId :
FL-0622

Manual Integrations APPROVED
MMDadoda
7/22/2019 5:23:16 PM

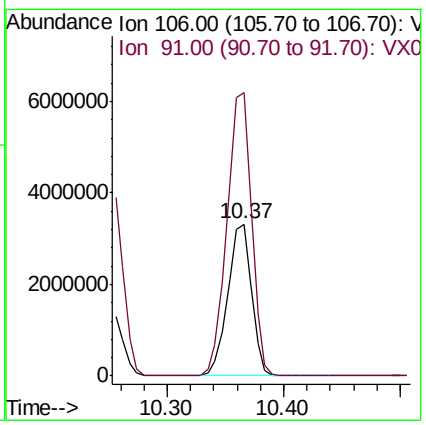


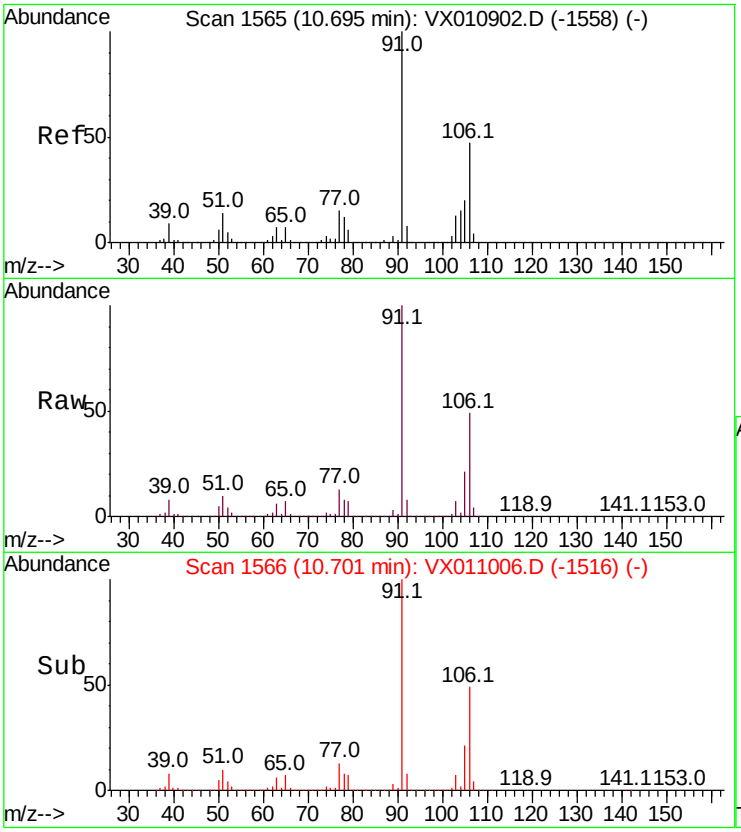


#68
m/p-Xylenes
Concen: 993.363 ug/l
RT: 10.37 min Scan# 1511
Delta R.T. 0.01 min
Lab File: VX011006.D
Acq: 19 Jul 2019 16:38

Tgt Ion:106 Resp: 4730566

Ion	Ratio	Lower	Upper
106	100		
91	193.2	160.1	240.1

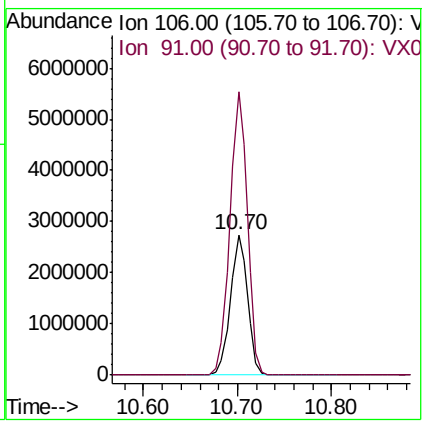




#69
o-Xylene
Concen: 738.909 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX011006.D
Acq: 19 Jul 2019 16:38

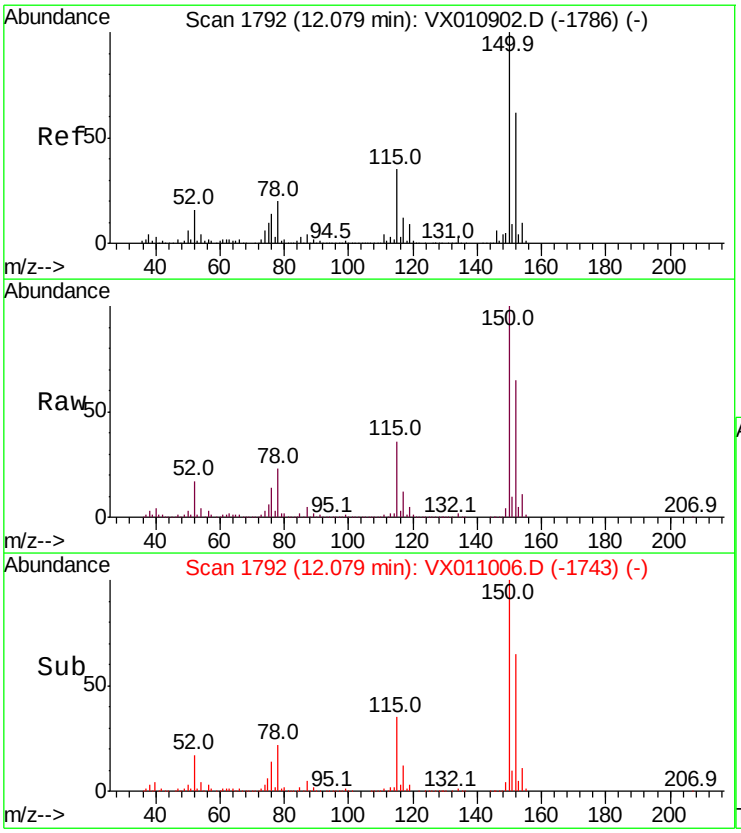
Tgt Ion:106 Resp: 3434188

Ion	Ratio	Lower	Upper
106	100		
91	207.1	105.1	315.3



Instrument :
MSVOA_X
ClientSampleId :
FL-0622

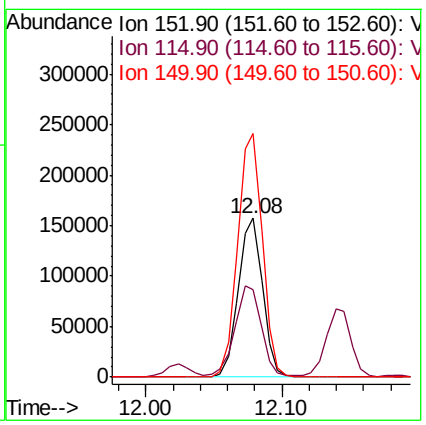
Manual Integrations APPROVED
MMDadoda
7/22/2019 5:23:16 PM

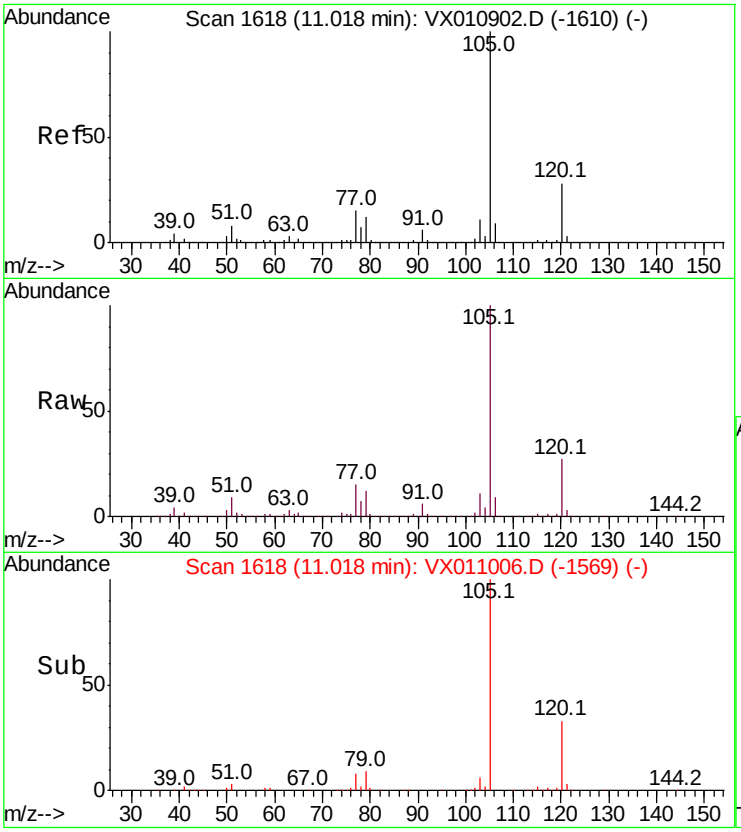


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX011006.D
Acq: 19 Jul 2019 16:38

Tgt Ion:152 Resp: 194933

Ion	Ratio	Lower	Upper
152	100		
115	62.6	39.7	119.1
150	155.6	0.0	345.6





#73
Isopropylbenzene
Concen: 54.768 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX011006.D
Acq: 19 Jul 2019 16:38

Tgt Ion:105 Resp: 721387

Ion	Ratio	Lower	Upper
105	100		
120	27.1	13.7	41.1

Instrument :
MSVOA_X
ClientSampleId :
FL-0622

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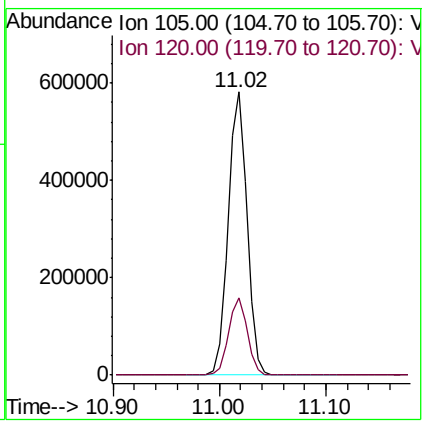
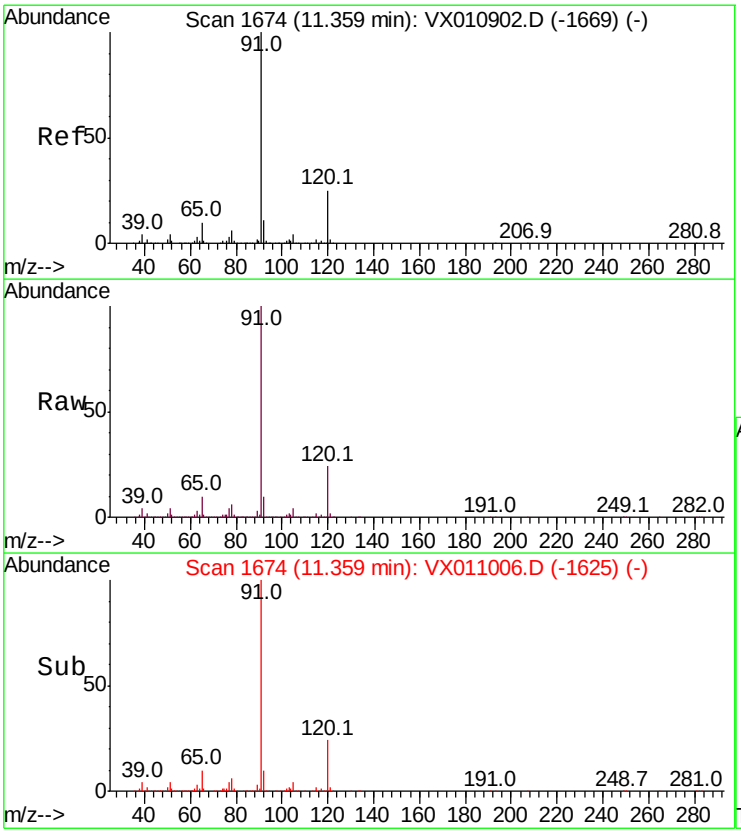
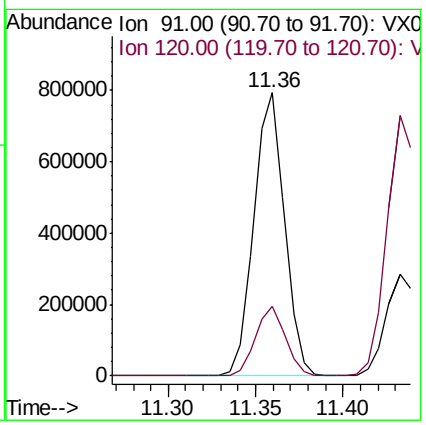


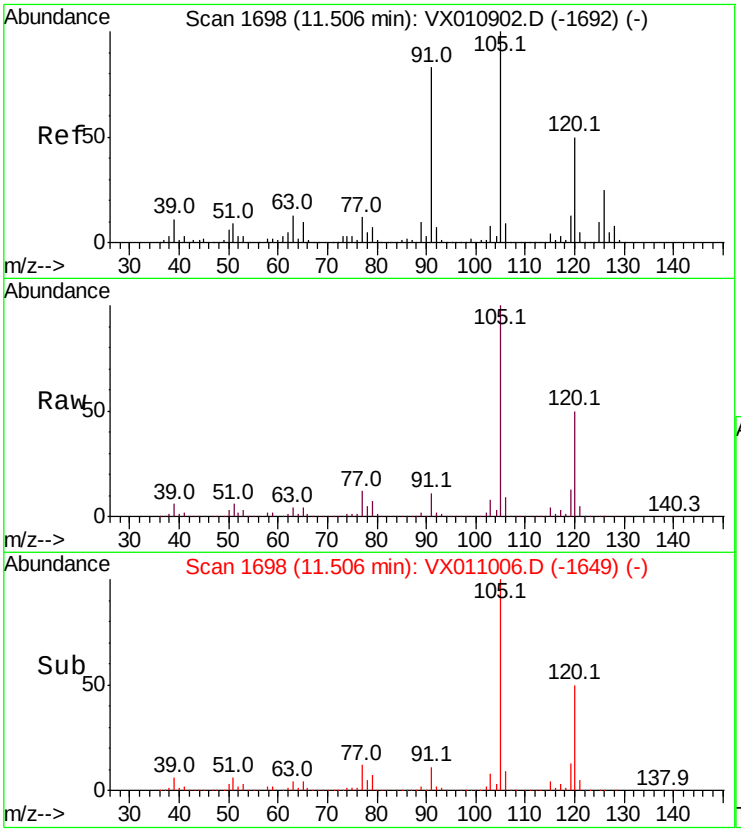


#78
n-propylbenzene
Concen: 66.378 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VX011006.D
Acq: 19 Jul 2019 16:38

Tgt Ion: 91 Resp: 966033

Ion	Ratio	Lower	Upper
91	100		
120	24.1	12.3	36.8





#80
1,3,5-Trimethylbenzene
Concen: 111.526 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX011006.D
Acq: 19 Jul 2019 16:38

Tgt Ion:105 Resp: 1227472

Ion	Ratio	Lower	Upper
105	100		
120	49.1	24.6	73.8

Instrument :
MSVOA_X
ClientSampleId :
FL-0622

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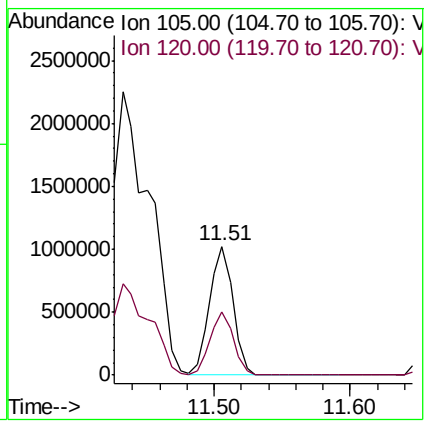
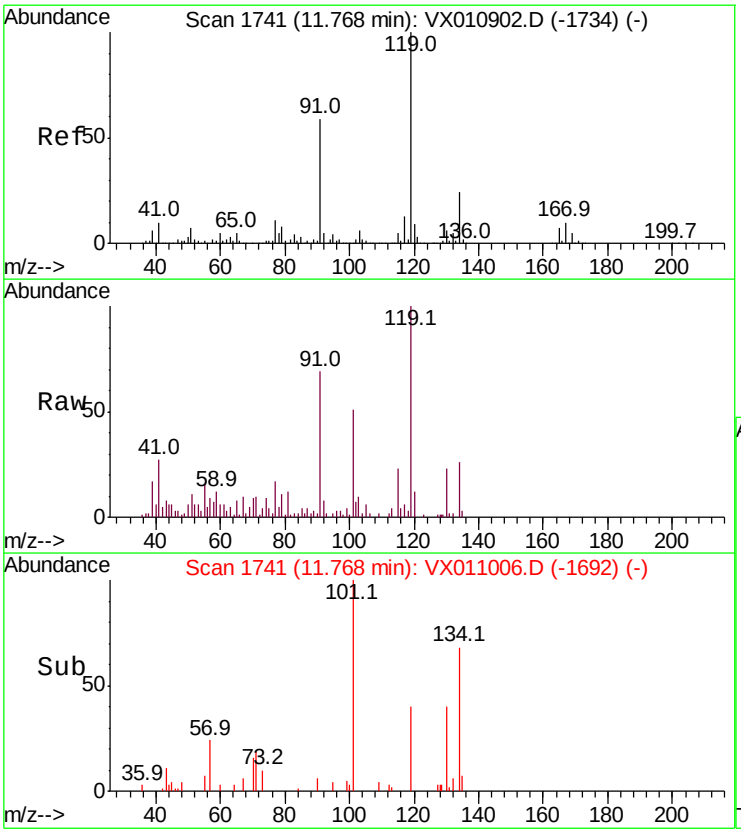
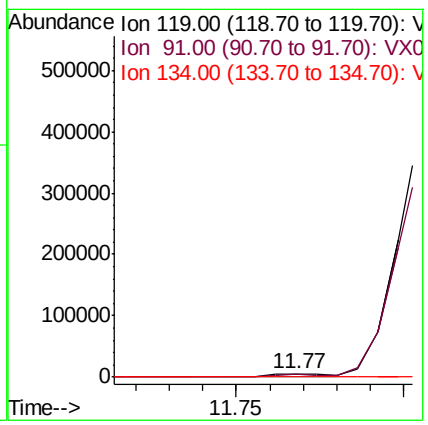


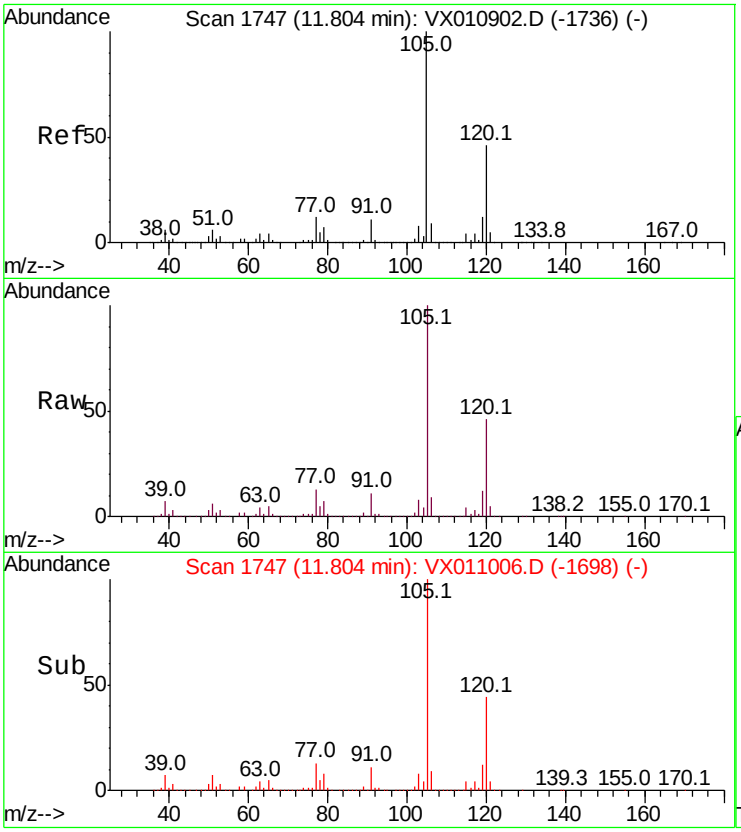


#83
tert-Butylbenzene
Concen: 0.689 ug/l m
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX011006.D
Acq: 19 Jul 2019 16:38

Tgt Ion:119 Resp: 7453

Ion	Ratio	Lower	Upper
119	100		
91	5979.2	28.6	85.8#
134	0.0	11.6	34.8#





#84
1,2,4-Trimethylbenzene
Concen: 368.137 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX011006.D
Acq: 19 Jul 2019 16:38

Tgt Ion:105 Resp: 4083803

Ion	Ratio	Lower	Upper
105	100		
120	46.0	22.9	68.5

Instrument :
MSVOA_X
ClientSampleId :
FL-0622

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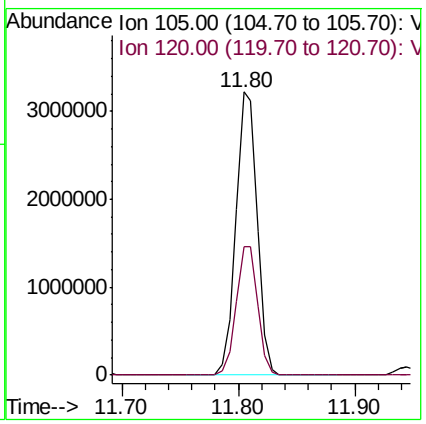
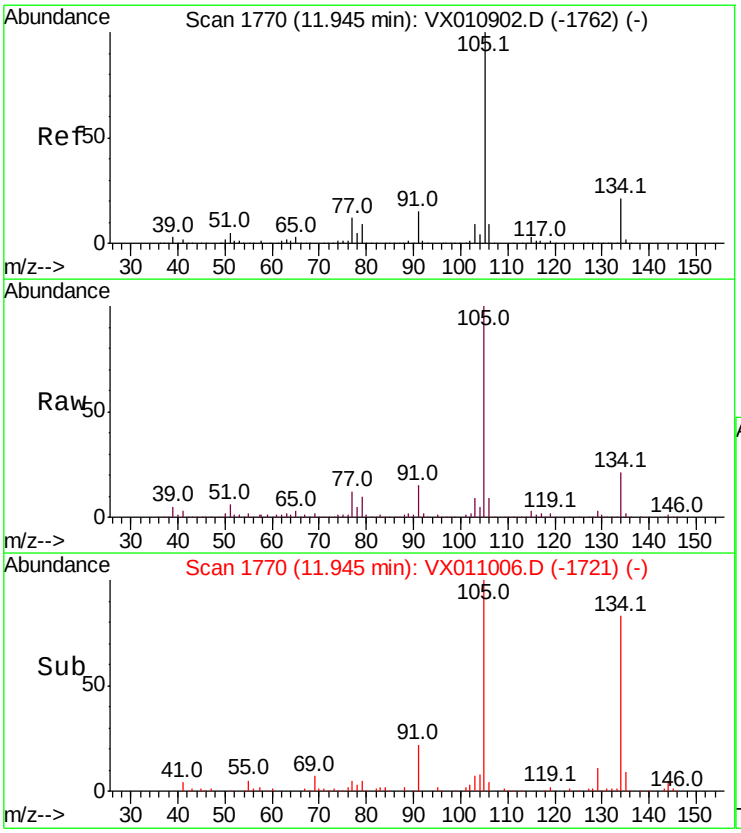
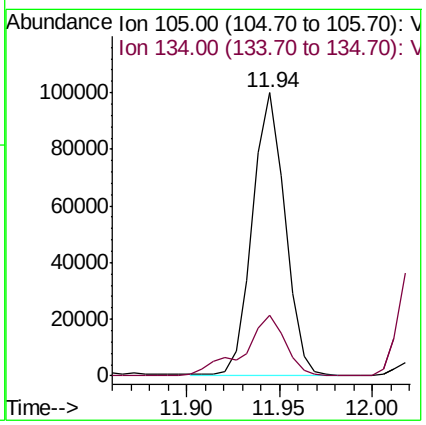


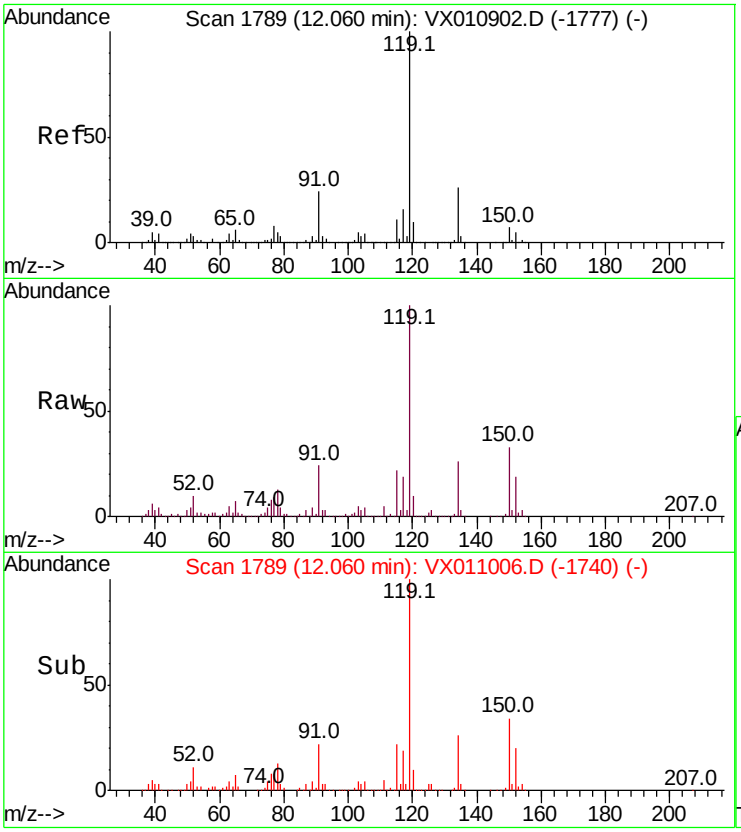


#85
sec-Butylbenzene
Concen: 9.604 ug/l m
RT: 11.94 min Scan# 1770
Delta R.T. 0.00 min
Lab File: VX011006.D
Acq: 19 Jul 2019 16:38

Tgt Ion:105 Resp: 121655

Ion	Ratio	Lower	Upper
105	100		
134	0.0	10.4	31.4#

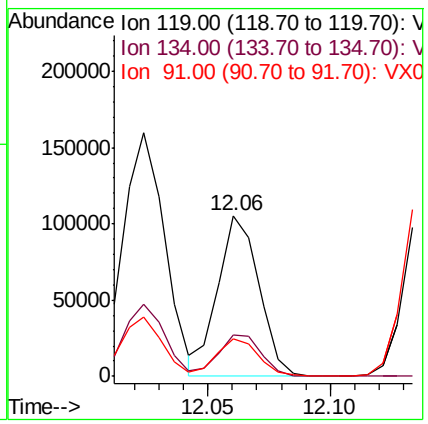




#86
p-Isopropyltoluene
Concen: 10.503 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX011006.D
Acq: 19 Jul 2019 16:38

Tgt Ion:119 Resp: 123006

Ion	Ratio	Lower	Upper
119	100		
134	27.3	13.4	40.1
91	23.9	11.8	35.4



Instrument :
MSVOA_X
ClientSampleId :
FL-0622

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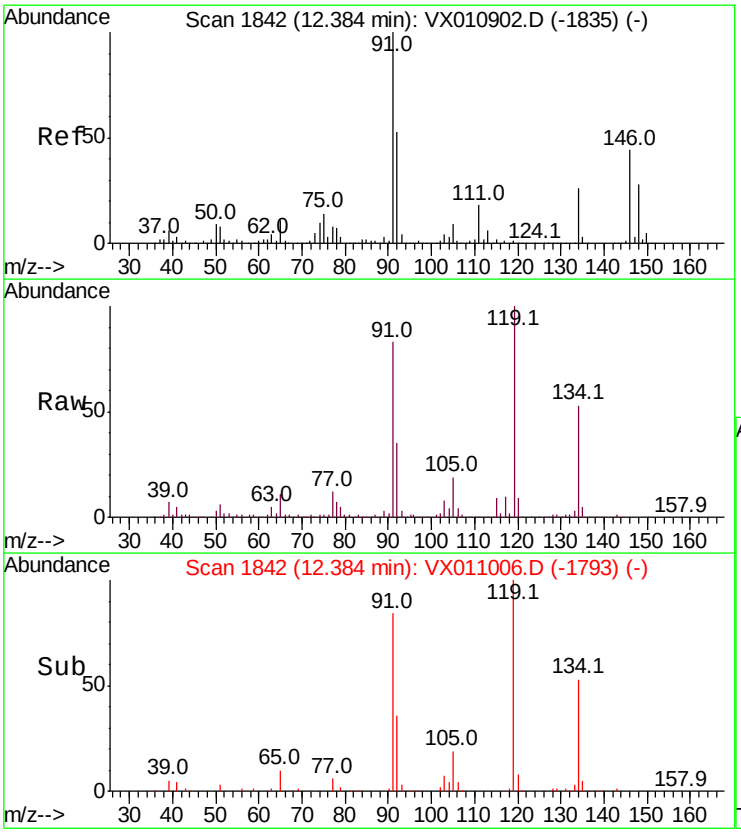
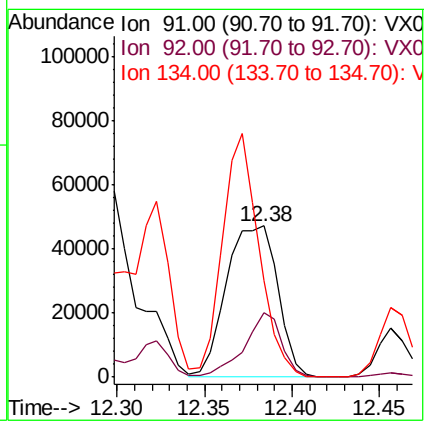
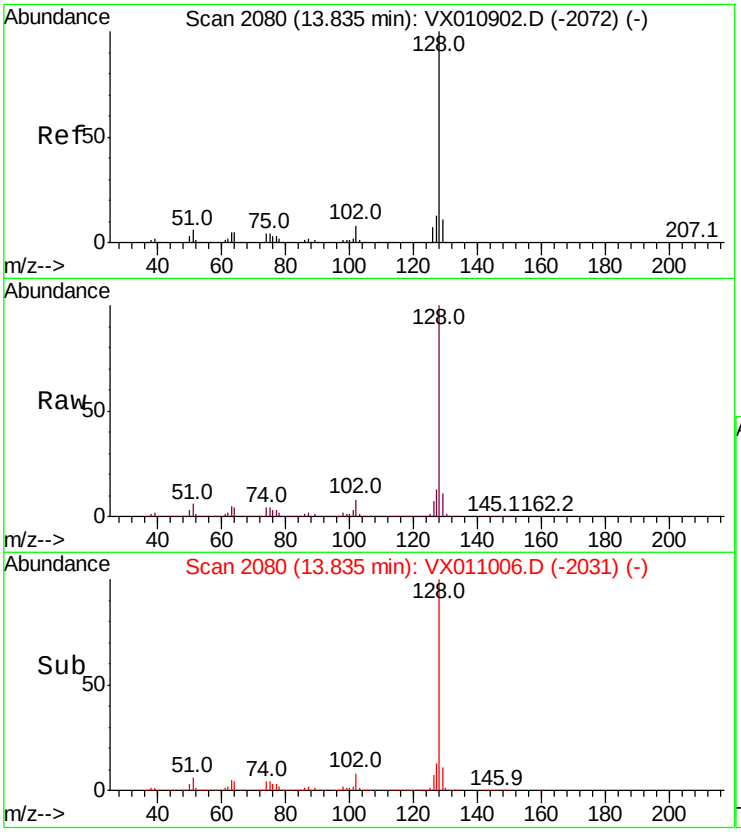


#89
n-Butylbenzene
Concen: 9.570 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX011006.D
Acq: 19 Jul 2019 16:38

Tgt Ion: 91 Resp: 95882

Ion	Ratio	Lower	Upper
91	100		
92	30.6	26.2	78.5
134	115.2	13.8	41.3#

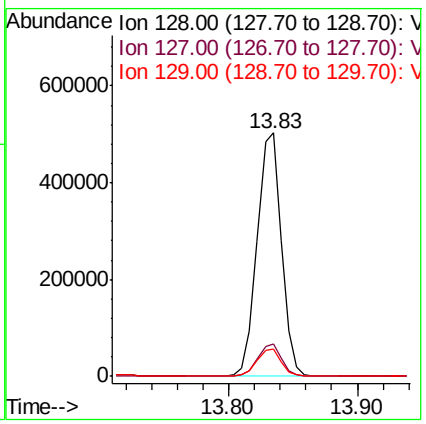




#95
Naphthalene
Concen: 52.111 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX011006.D
Acq: 19 Jul 2019 16:38

Tgt Ion:128 Resp: 651672

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	11.2	8.9	13.3



Instrument :
MSVOA_X
ClientSampleId :
FL-0622

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