Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072618\
Data File : VX003696.D
Acq On : 27 Jul 2018 04:13
Operator : JC/SP
Sample : J4154-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FL-0507

Manual Integrations APPROVED
MMDadoda
7/27/2018 5:40:57 PM

Quant Time: Jul 27 17:32:51 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072418W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 27 02:16:51 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.67	168	90408	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	142245	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	147698	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	83786	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	73186	54.65	ug/l		0.00
Spiked Amount 50.000			Recovery =	109.30%			
35) Dibromofluoromethane	5.51	113	59099	50.82	ug/l		0.00
Spiked Amount 50.000			Recovery =	101.64%			
50) Toluene-d8	8.72	98	257038	57.92	ug/l		0.00
Spiked Amount 50.000			Recovery =	115.84%			
62) 4-Bromofluorobenzene	11.14	95	92442	57.11	ug/l		0.00
Spiked Amount 50.000			Recovery =	114.22%			
Target Compounds							Qvalue
31) Cyclohexane	5.58	56	242824	134.85	ug/l		98
39) Methylcyclohexane	7.47	83	170993	93.43	ug/l		100
40) Benzene	6.15	78	3053818	620.65	ug/l		99
52) Toluene	8.79	92	196347	64.20	ug/l		100
67) Ethyl Benzene	10.26	91	1958091	314.70	ug/l		99
68) m/p-Xylenes	10.37	106	3726243	1561.09	ug/l		92
69) o-Xylene	10.70	106	480122	208.94	ug/l		99
73) Isopropylbenzene	11.02	105	199688	34.88	ug/l		98
78) n-propylbenzene	11.36	91	191745	29.01	ug/l		98
80) 1,3,5-Trimethylbenzene	11.51	105	434857	89.79	ug/l		100
83) tert-Butylbenzene	11.77	119	6569	1.39	ug/l	#	45
84) 1,2,4-Trimethylbenzene	11.81	105	1429837	287.25	ug/l		99
85) sec-Butylbenzene	11.95	105	26185m	4.63	ug/l		
86) p-Isopropyltoluene	12.07	119	27973	5.51	ug/l		99
95) Naphthalene	13.83	128	853217	133.63	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\VX072618\
Data File : VX003696.D
Acq On : 27 Jul 2018 04:13
Operator : JC/SP
Sample : J4154-06
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Jul 27 17:32:51 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072418W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 27 02:16:51 2018
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
FL-0507

Manual Integrations APPROVED
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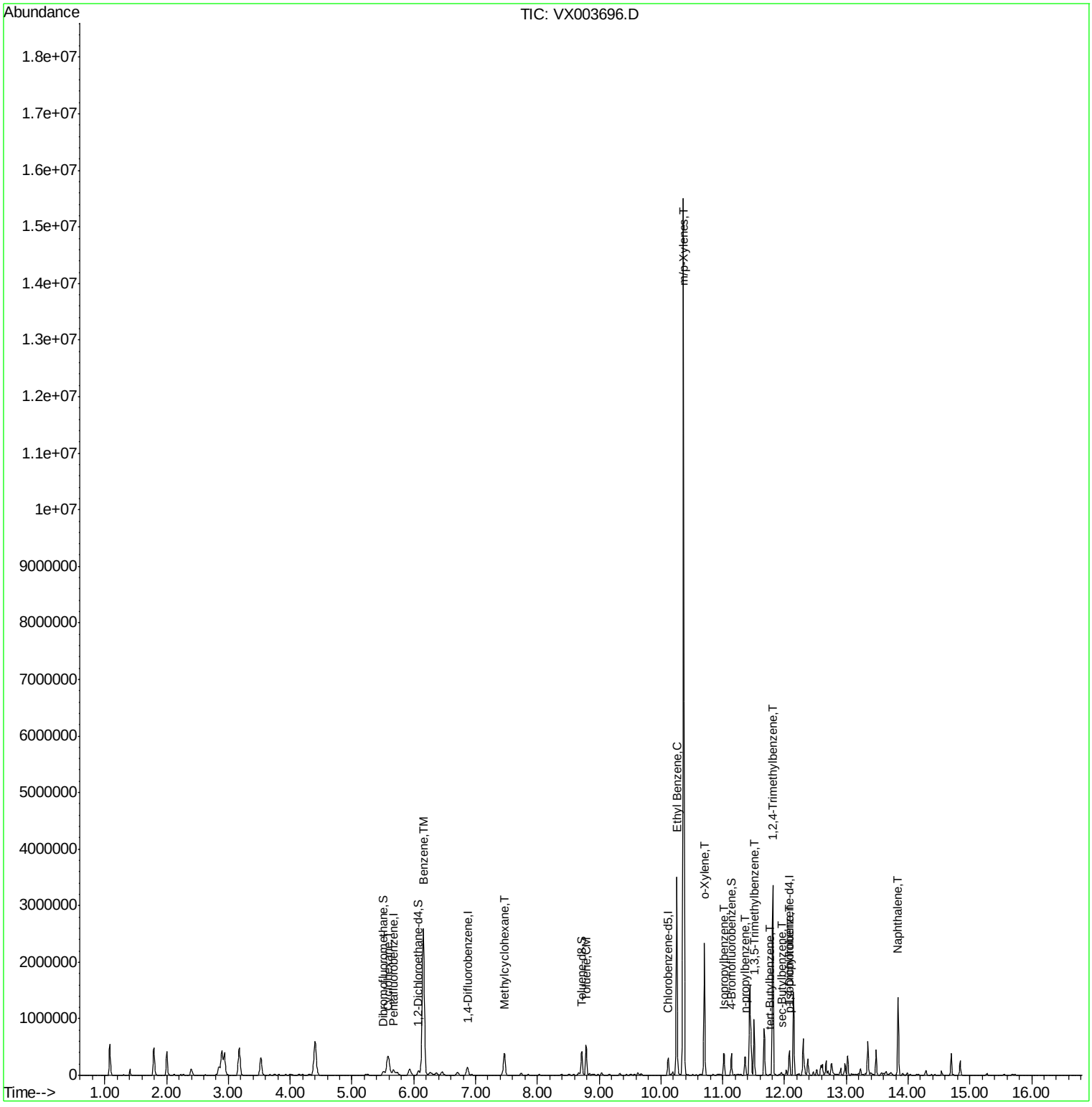

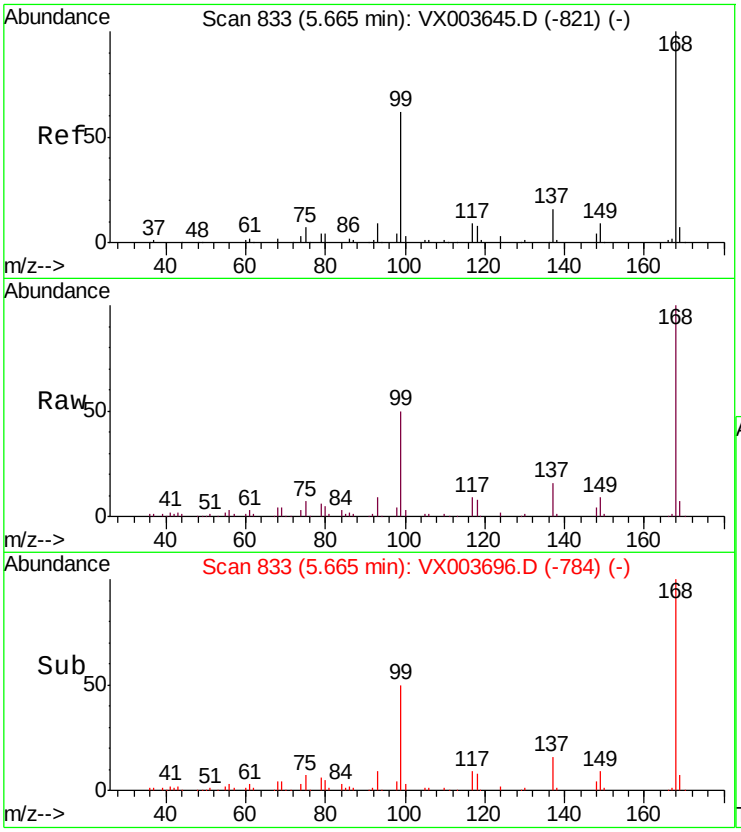

#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX003696.D
Acq: 27 Jul 2018 04:13

Tgt Ion:168 Resp: 90408

Ion	Ratio	Lower	Upper
168	100		
99	49.8	49.5	74.3

Instrument :
MSVOA_X
ClientSampleId :
FL-0507

Manual Integrations APPROVED
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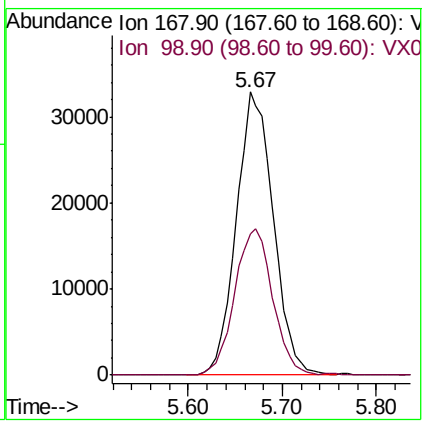
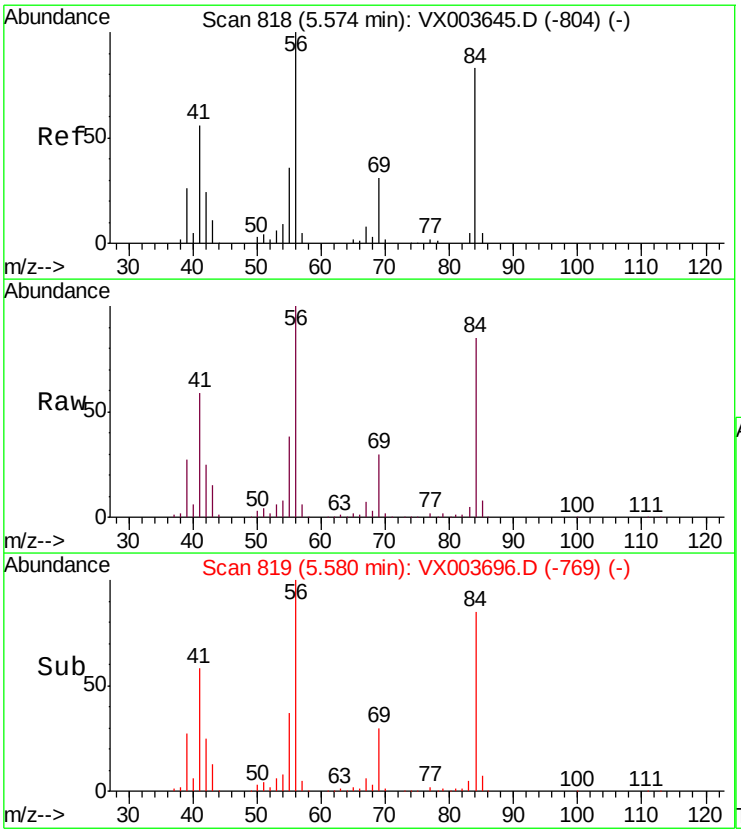
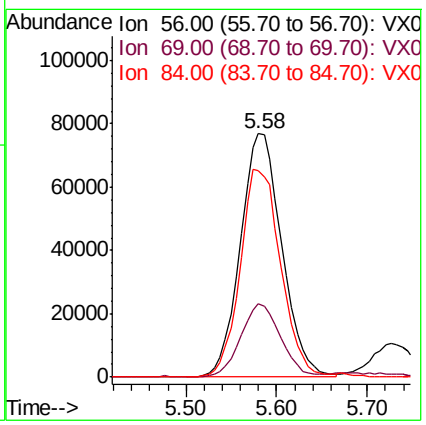


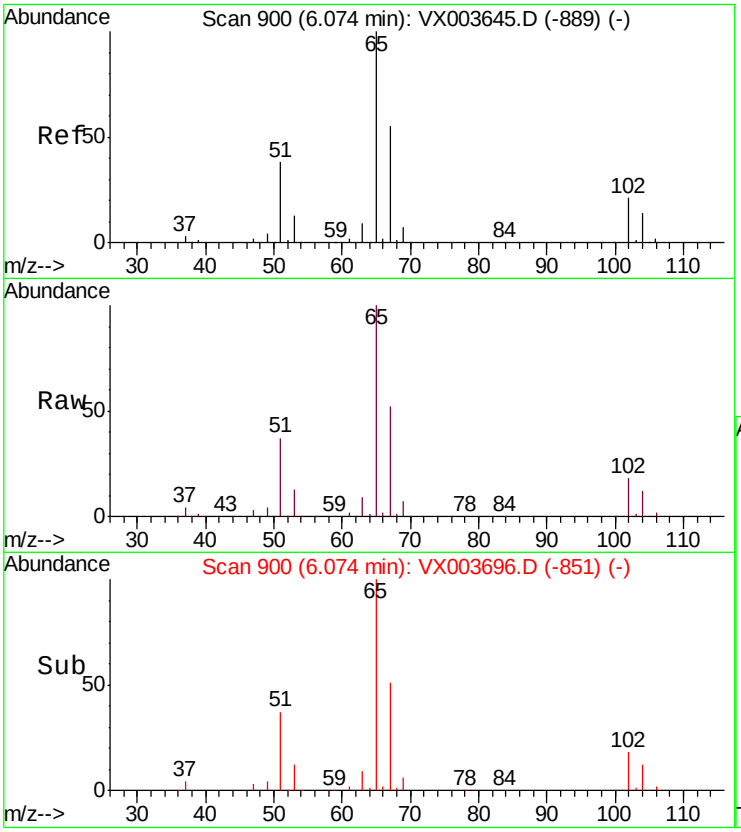


#31
Cyclohexane
Concen: 134.85 ug/l
RT: 5.58 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX003696.D
Acq: 27 Jul 2018 04:13

Tgt Ion: 56 Resp: 242824

Ion	Ratio	Lower	Upper
56	100		
69	29.8	25.0	37.6
84	84.7	66.5	99.7





#33
1,2-Dichloroethane-d4
Concen: 54.65 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.00 min
Lab File: VX003696.D
Acq: 27 Jul 2018 04:13

Tgt Ion: 65 Resp: 73186

Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	107.8

Instrument :
MSVOA_X
ClientSampleId :
FL-0507

Manual Integrations APPROVED
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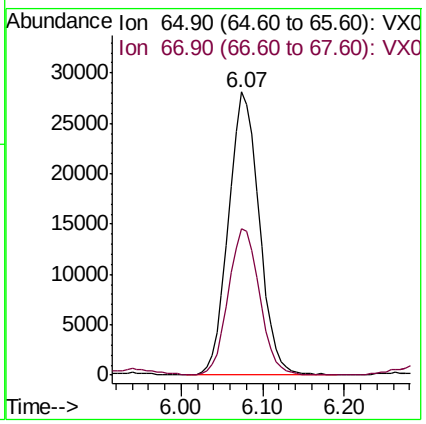
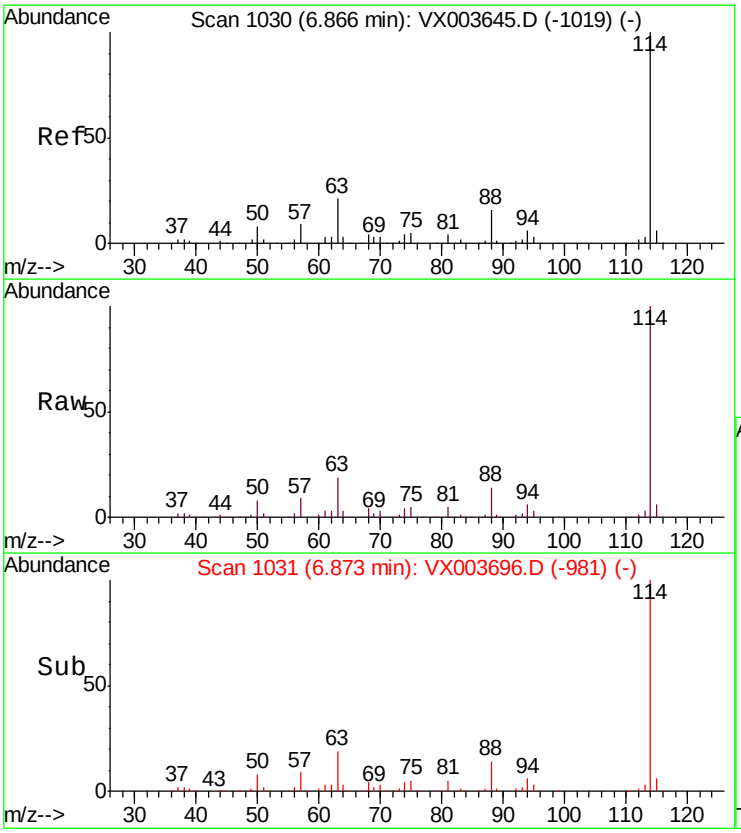
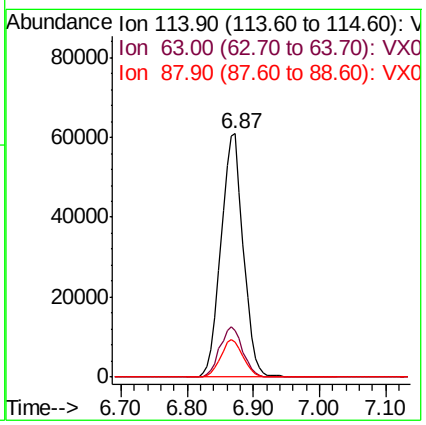


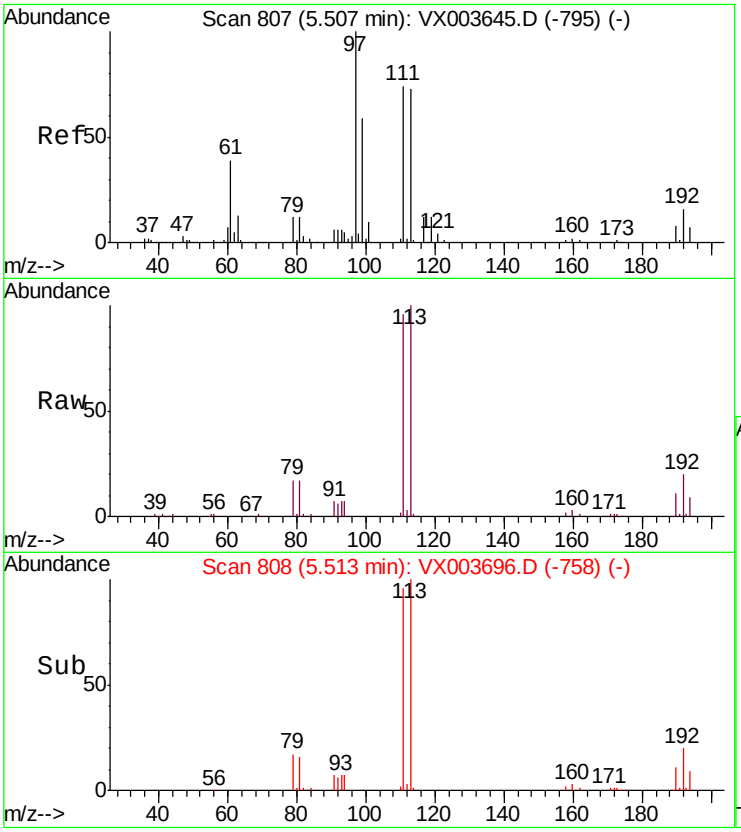


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VX003696.D
Acq: 27 Jul 2018 04:13

Tgt Ion:114 Resp: 142245

Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	41.0
88	14.5	0.0	31.8

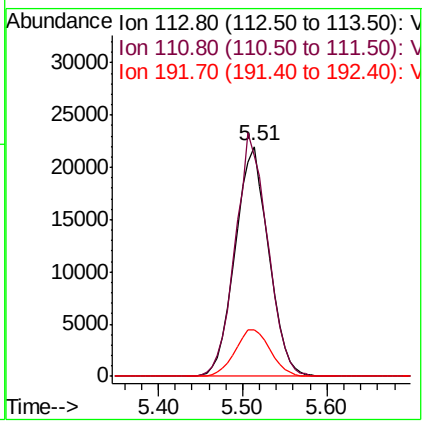




#35
Dibromofluoromethane
Concen: 50.82 ug/l
RT: 5.51 min Scan# 808
Delta R.T. 0.01 min
Lab File: VX003696.D
Acq: 27 Jul 2018 04:13

Tgt Ion:113 Resp: 59099

Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.2	121.8
192	21.5	18.2	27.4



Instrument :
MSVOA_X
ClientSampleId :
FL-0507

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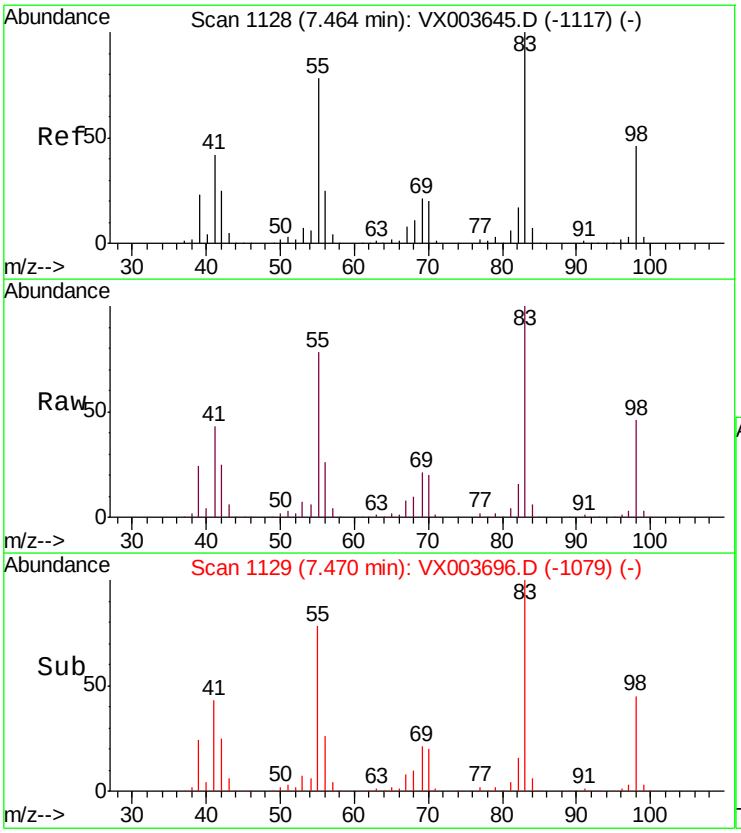
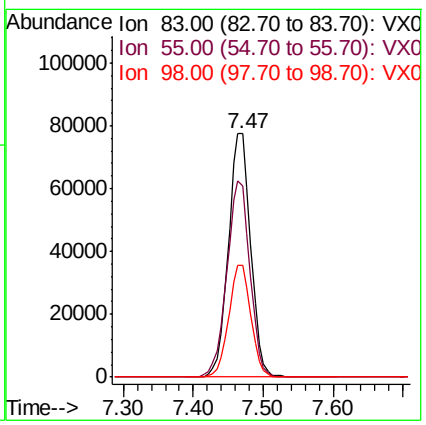
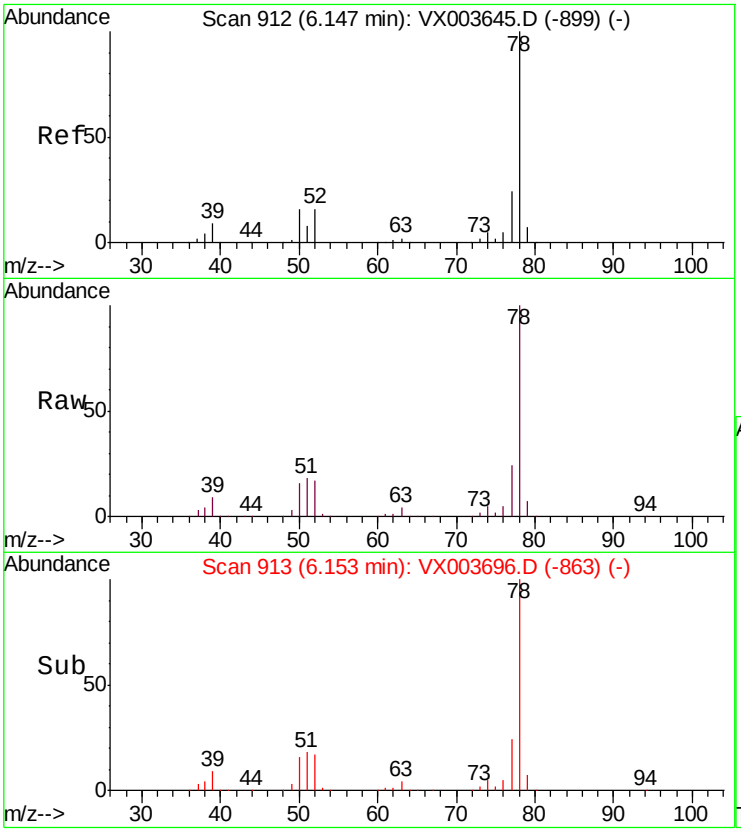


#39
Methylcyclohexane
Concen: 93.43 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.01 min
Lab File: VX003696.D
Acq: 27 Jul 2018 04:13

Tgt Ion: 83 Resp: 170993

Ion	Ratio	Lower	Upper
83	100		
55	78.4	62.6	93.8
98	45.7	36.6	55.0

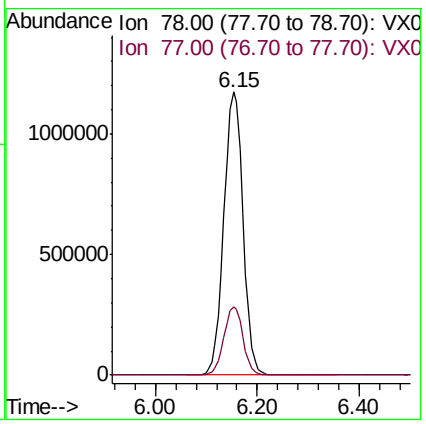




#40
Benzene
Concen: 620.65 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.01 min
Lab File: VX003696.D
Acq: 27 Jul 2018 04:13

Tgt Ion: 78 Resp: 3053818

Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.0	28.6



Instrument :
MSVOA_X
ClientSampleId :
FL-0507

Manual Integrations APPROVED
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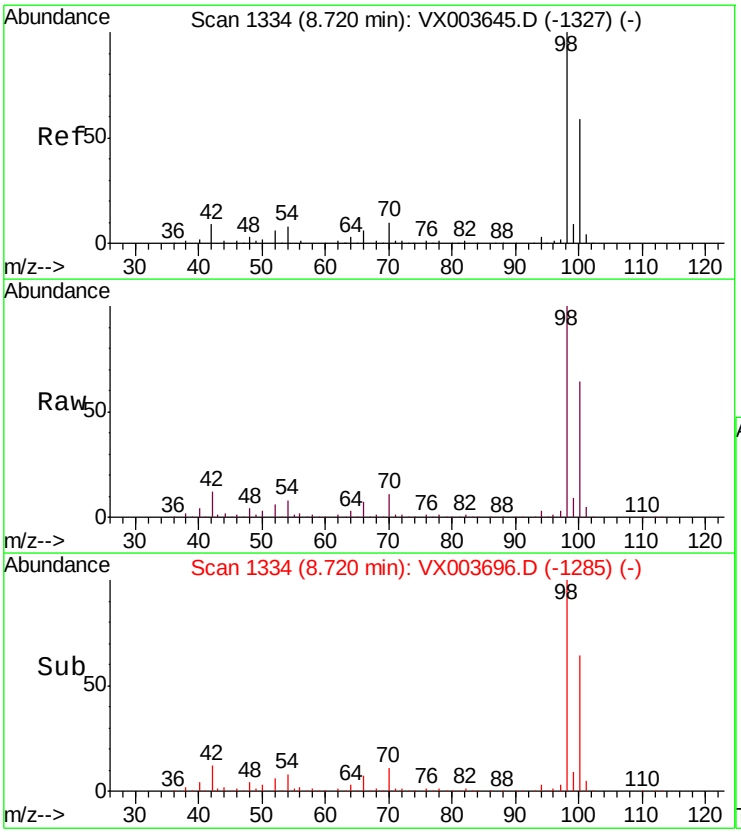
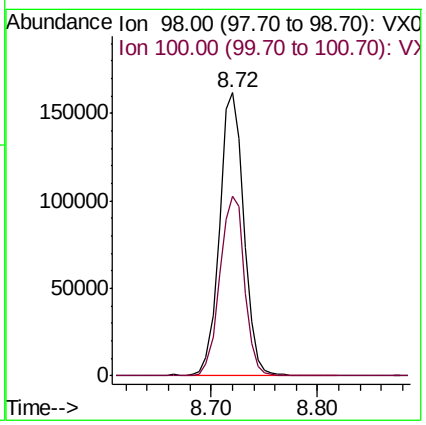
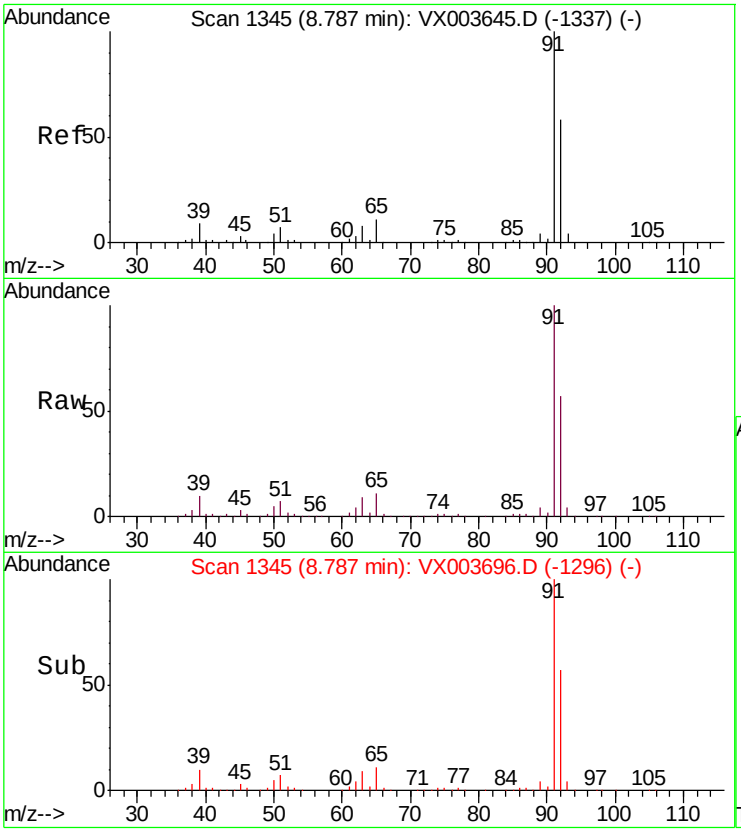


#50
Toluene-d8
Concen: 57.92 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003696.D
Acq: 27 Jul 2018 04:13

Tgt Ion: 98 Resp: 257038

Ion	Ratio	Lower	Upper
98	100		
100	64.7	50.9	76.3

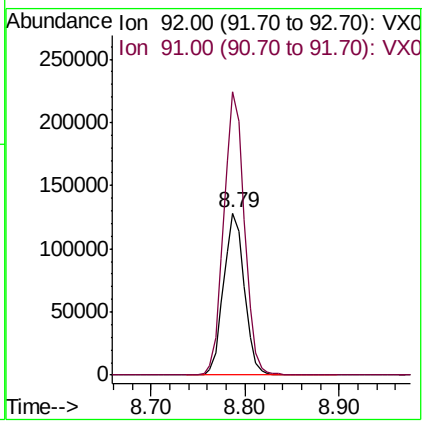




#52
Toluene
Concen: 64.20 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. 0.00 min
Lab File: VX003696.D
Acq: 27 Jul 2018 04:13

Tgt Ion: 92 Resp: 196347

Ion	Ratio	Lower	Upper
92	100		
91	174.1	139.0	208.6



Instrument :
MSVOA_X
ClientSampleId :
FL-0507

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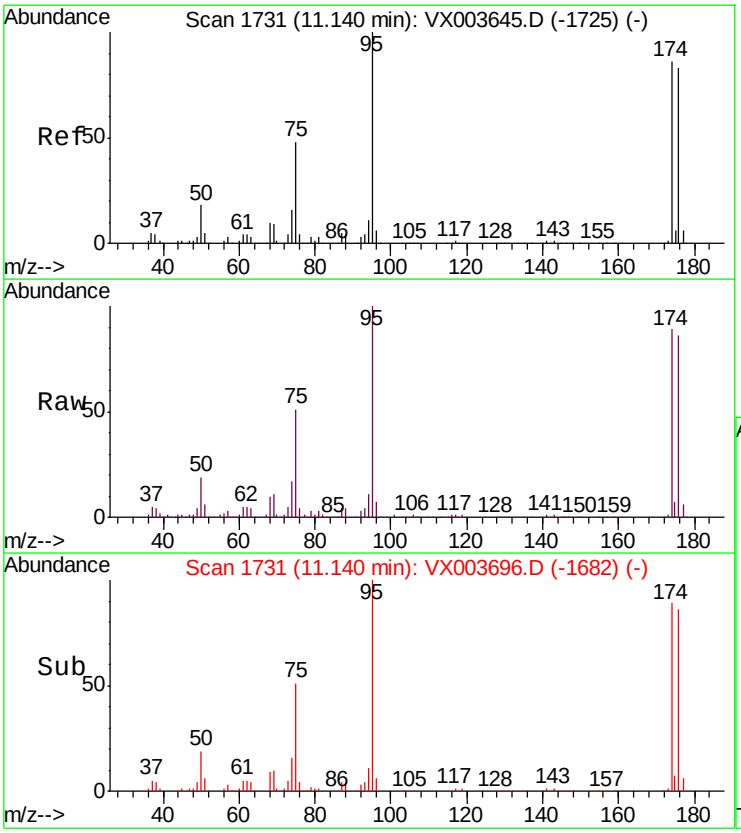
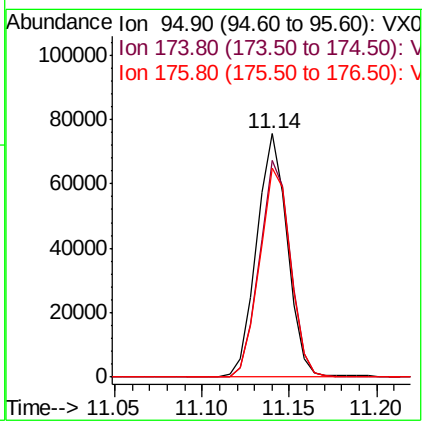
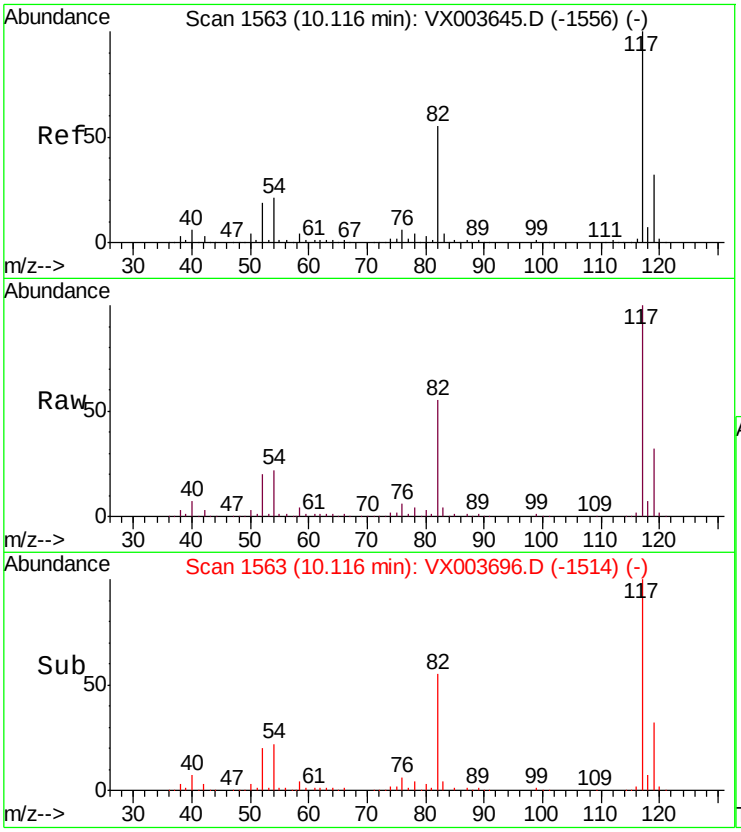


#62
4-Bromofluorobenzene
Concen: 57.11 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003696.D
Acq: 27 Jul 2018 04:13

Tgt Ion: 95 Resp: 92442

Ion	Ratio	Lower	Upper
95	100		
174	89.6	0.0	179.0
176	87.0	0.0	173.0





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003696.D
Acq: 27 Jul 2018 04:13

Tgt Ion:117 Resp: 147698

Ion	Ratio	Lower	Upper
117	100		
82	55.3	44.3	66.5
119	32.2	25.6	38.4

Instrument :
MSVOA_X
ClientSampleId :
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Manual Integrations APPROVED
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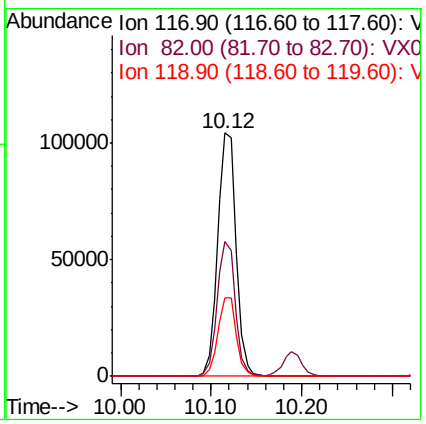
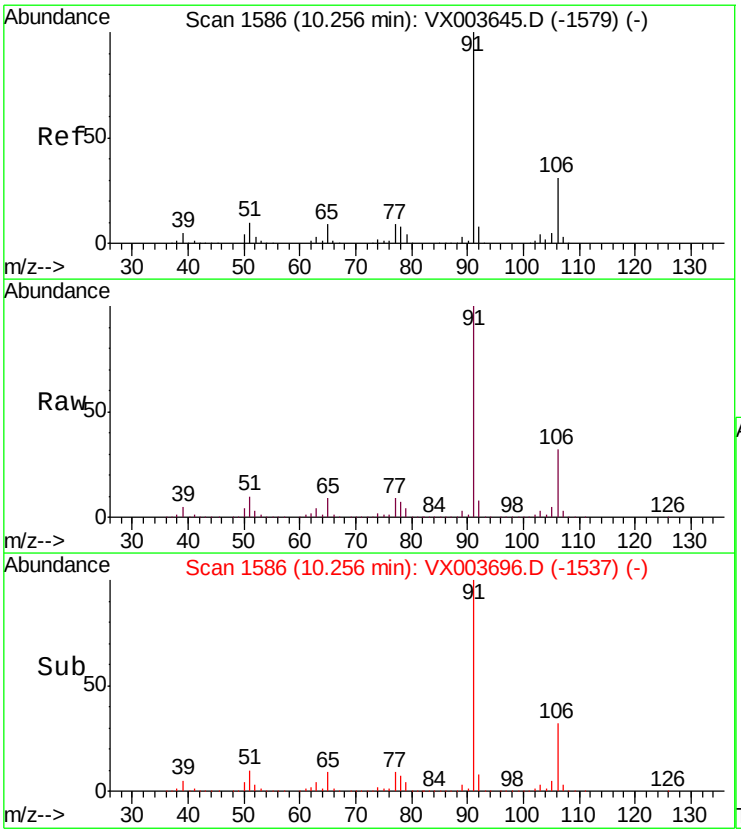
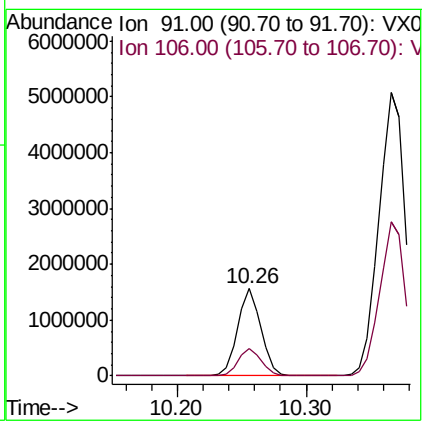


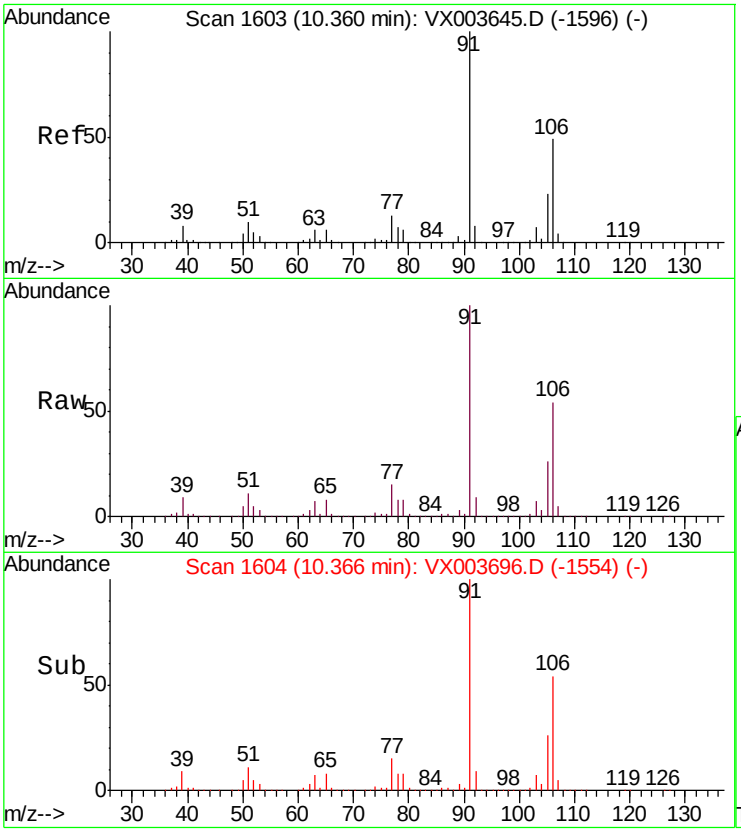


#67
Ethyl Benzene
Concen: 314.70 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX003696.D
Acq: 27 Jul 2018 04:13

Tgt Ion: 91 Resp: 1958091

Ion	Ratio	Lower	Upper
91	100		
106	31.6	25.0	37.6





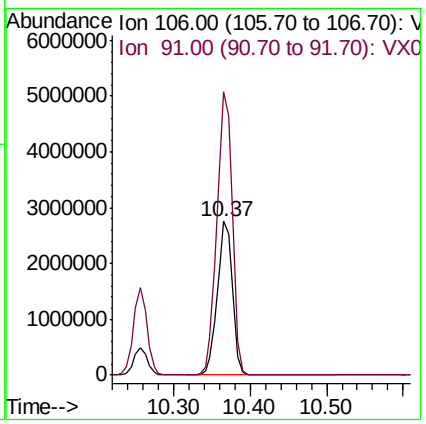
#68
m/p-Xylenes
Concen: 1561.09 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.01 min
Lab File: VX003696.D
Acq: 27 Jul 2018 04:13

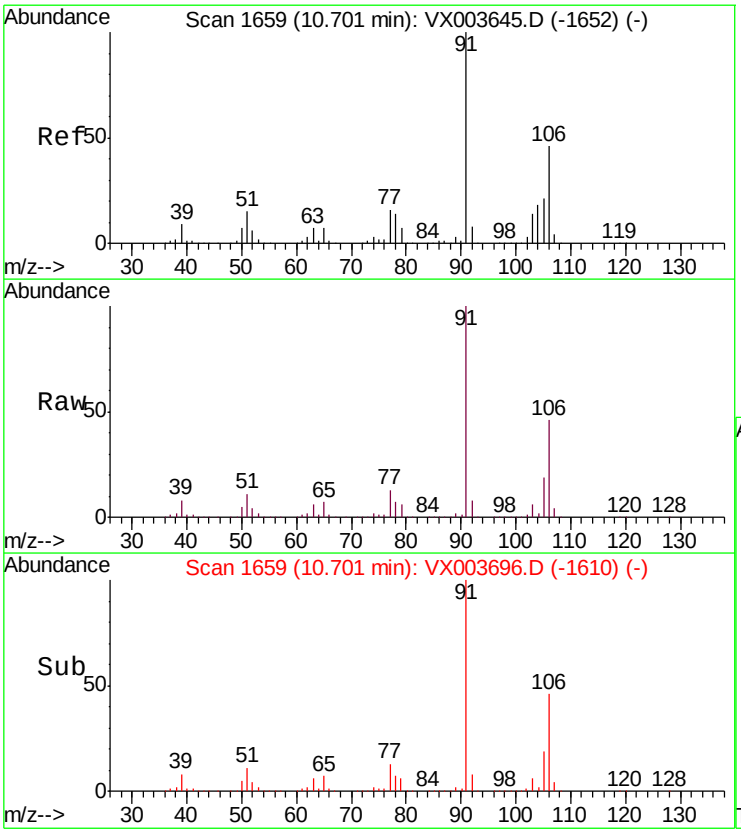
Tgt Ion:106 Resp: 3726243

Ion	Ratio	Lower	Upper
106	100		
91	190.3	162.2	243.2

Instrument :
MSVOA_X
ClientSampleId :
FL-0507

Manual Integrations APPROVED
MMDadoda
7/27/2018 5:40:57 PM

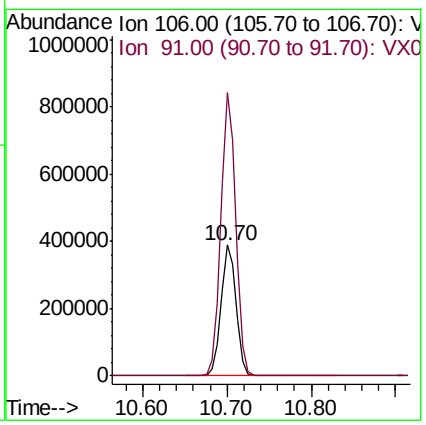


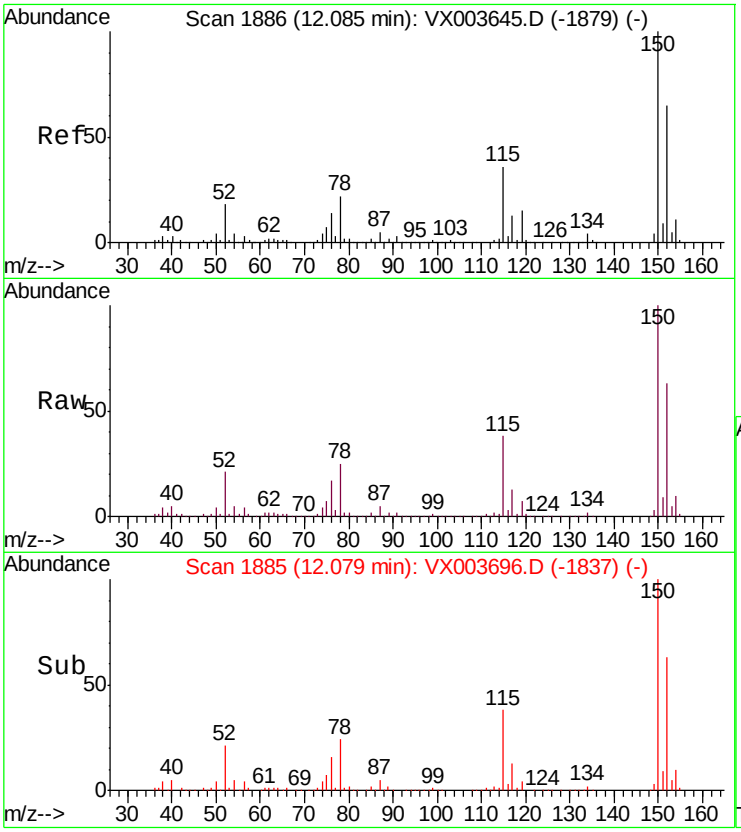


#69
o-Xylene
Concen: 208.94 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003696.D
Acq: 27 Jul 2018 04:13

Tgt Ion:106 Resp: 480122

Ion	Ratio	Lower	Upper
106	100		
91	215.4	107.1	321.1

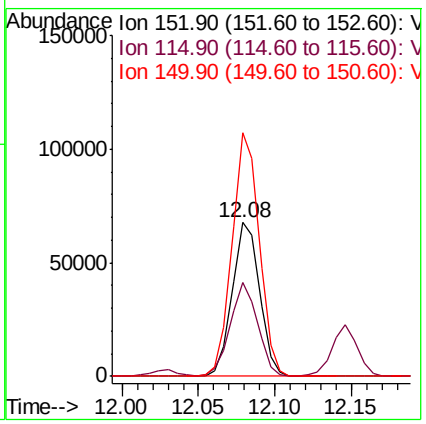




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX003696.D
Acq: 27 Jul 2018 04:13

Tgt Ion:152 Resp: 83786

Ion	Ratio	Lower	Upper
152	100		
115	60.8	40.0	119.9
150	157.2	0.0	348.4



Instrument :
MSVOA_X
ClientSampleId :
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Manual Integrations APPROVED
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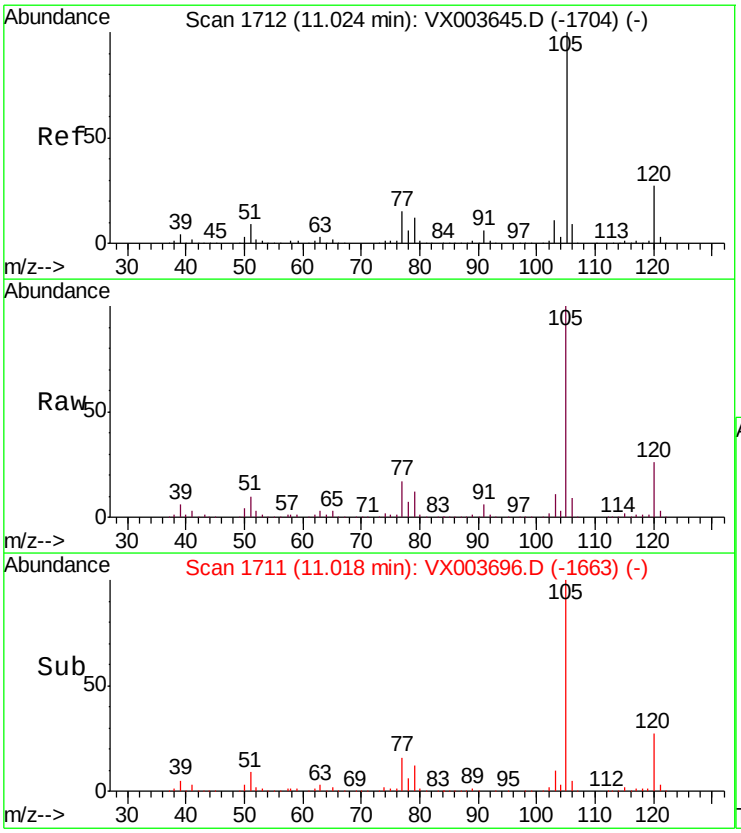
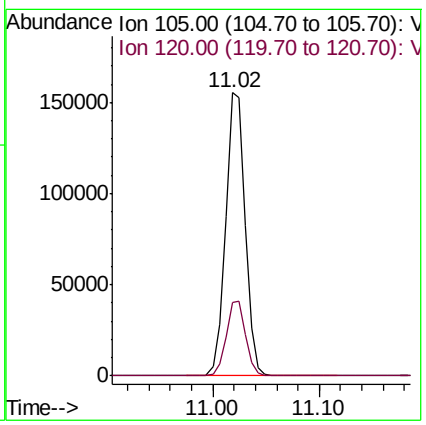
7/27/2018 5:40:57 PM

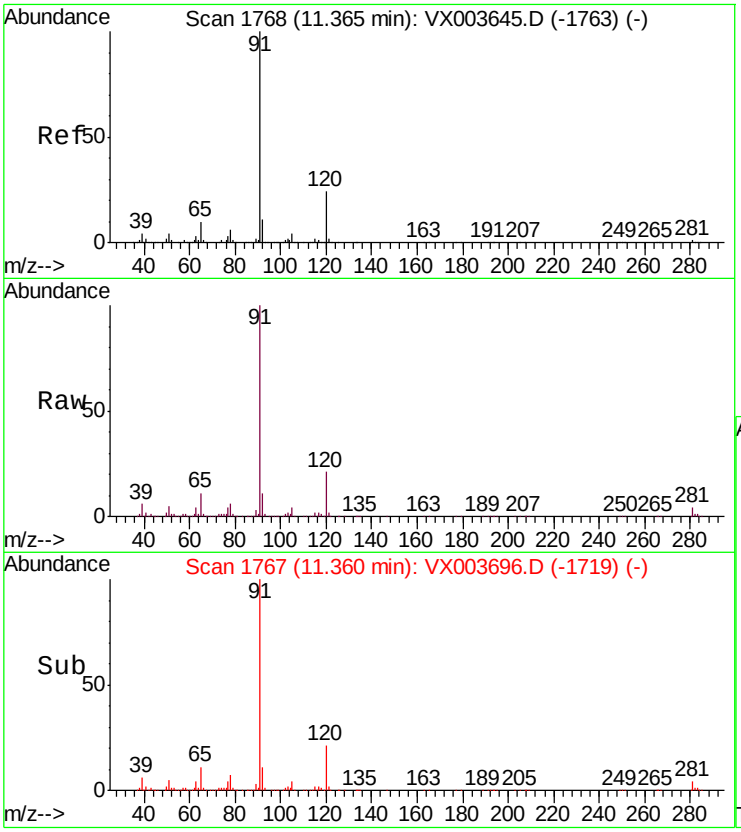


#73
Isopropylbenzene
Concen: 34.88 ug/l
RT: 11.02 min Scan# 1711
Delta R.T. -0.01 min
Lab File: VX003696.D
Acq: 27 Jul 2018 04:13

Tgt Ion:105 Resp: 199688

Ion	Ratio	Lower	Upper
105	100		
120	26.2	13.5	40.5





#78
n-propylbenzene
Concen: 29.01 ug/l
RT: 11.36 min Scan# 1767
Delta R.T. -0.01 min
Lab File: VX003696.D
Acq: 27 Jul 2018 04:13

Tgt Ion: 91 Resp: 191745

Ion	Ratio	Lower	Upper
91	100		
120	22.5	11.8	35.3

Instrument :
MSVOA_X
ClientSampleId :
FL-0507

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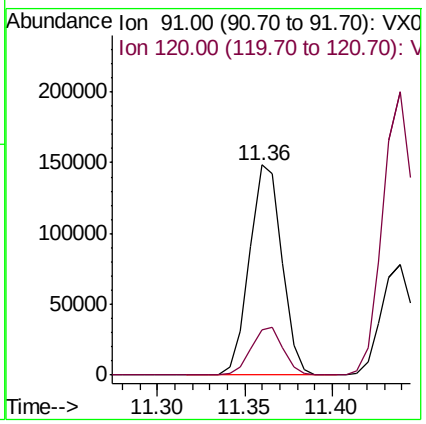
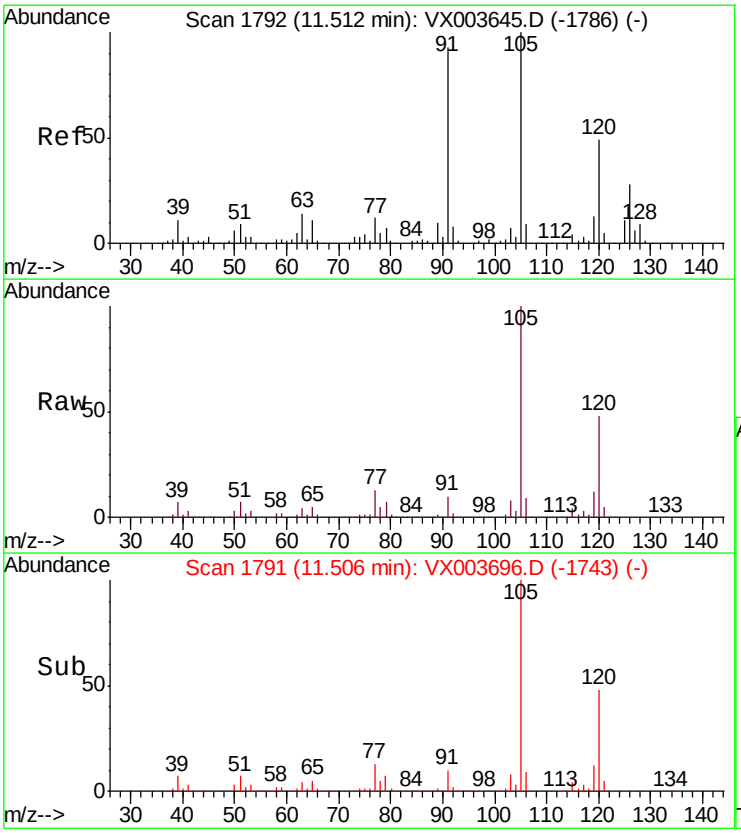
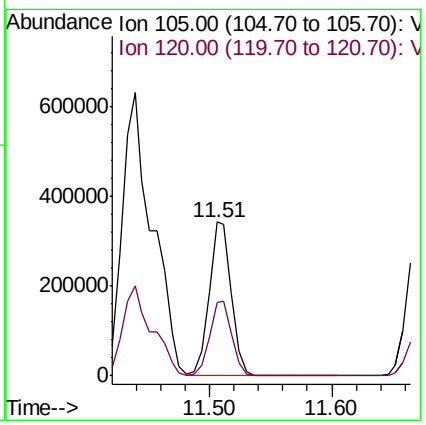


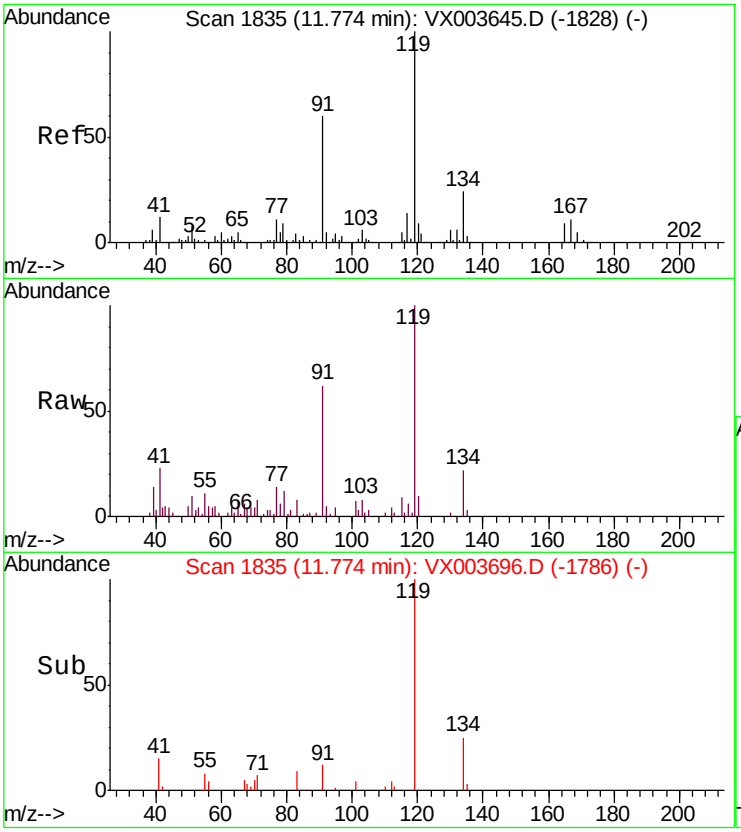


#80
1,3,5-Trimethylbenzene
Concen: 89.79 ug/l
RT: 11.51 min Scan# 1791
Delta R.T. -0.01 min
Lab File: VX003696.D
Acq: 27 Jul 2018 04:13

Tgt Ion:105 Resp: 434857

Ion	Ratio	Lower	Upper
105	100		
120	48.7	24.4	73.4





#83
tert-Butylbenzene
Concen: 1.39 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX003696.D
Acq: 27 Jul 2018 04:13

Tgt Ion:119 Resp: 6569

Ion	Ratio	Lower	Upper
119	100		
91	0.0	28.4	85.2#
134	23.0	11.6	34.8

Instrument :
MSVOA_X
ClientSampleId :
FL-0507

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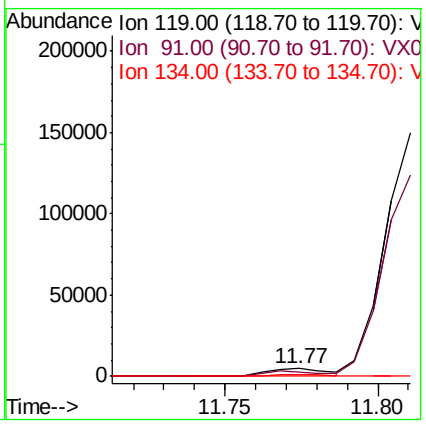
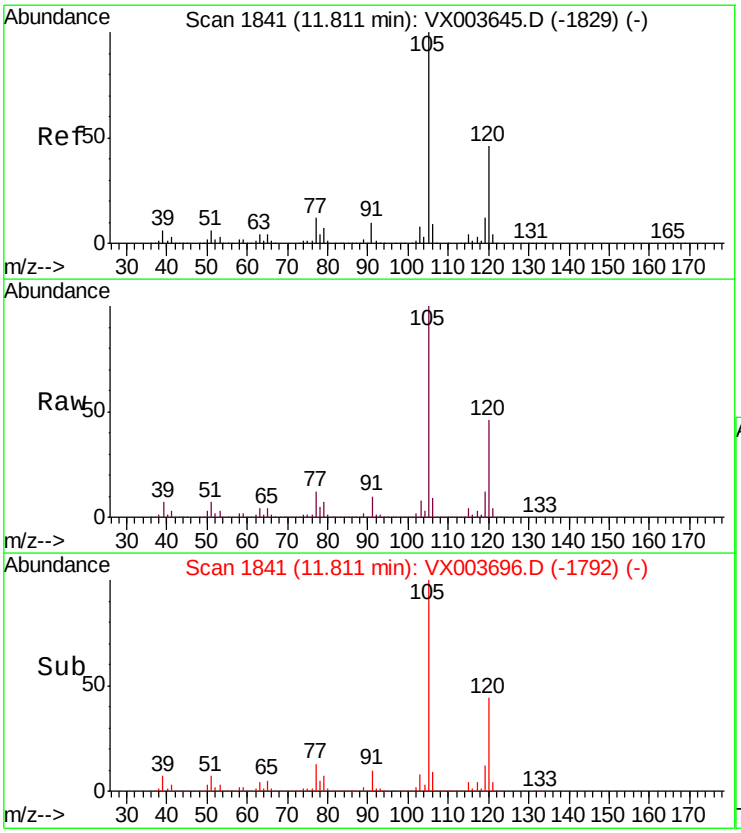
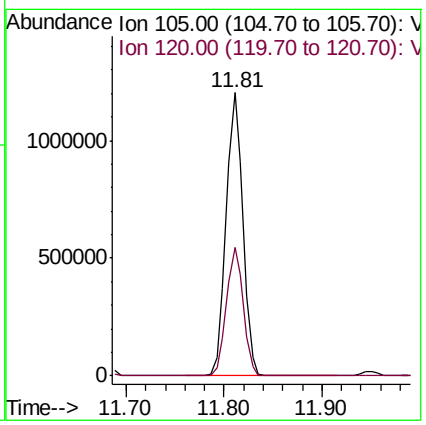


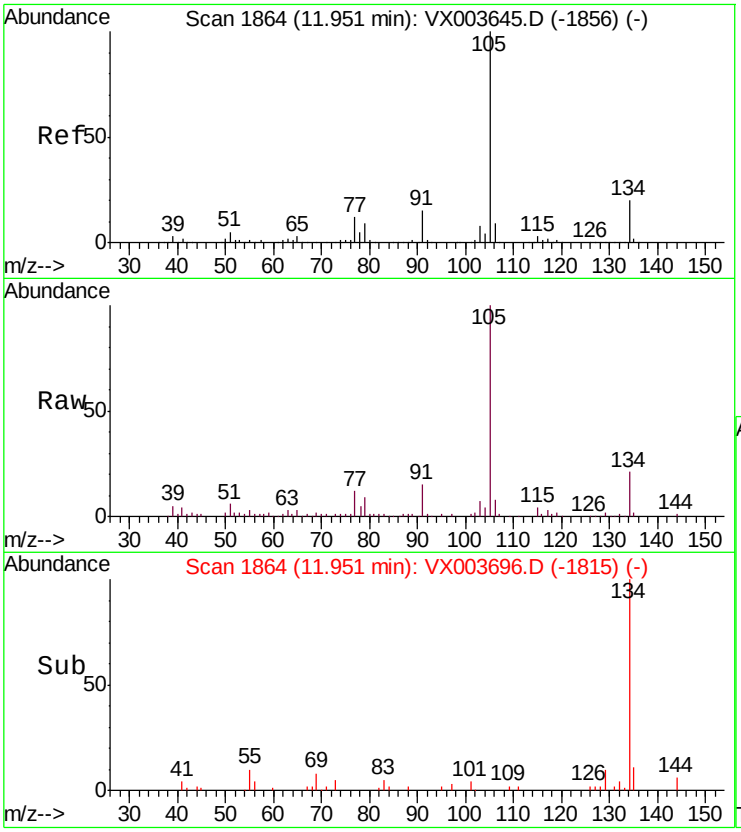


#84
1,2,4-Trimethylbenzene
Concen: 287.25 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX003696.D
Acq: 27 Jul 2018 04:13

Tgt Ion:105 Resp: 1429837

Ion	Ratio	Lower	Upper
105	100		
120	45.8	22.6	67.8





#85
sec-Butylbenzene
Concen: 4.63 ug/l m
RT: 11.95 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VX003696.D
Acq: 27 Jul 2018 04:13

Tgt Ion:105 Resp: 26185

Ion	Ratio	Lower	Upper
105	100		
134	0.0	10.1	30.1#

Instrument :
MSVOA_X
ClientSampleId :
FL-0507

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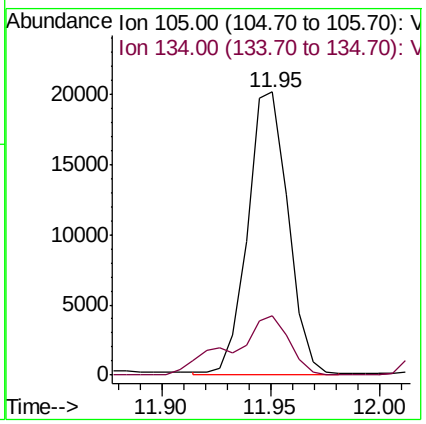
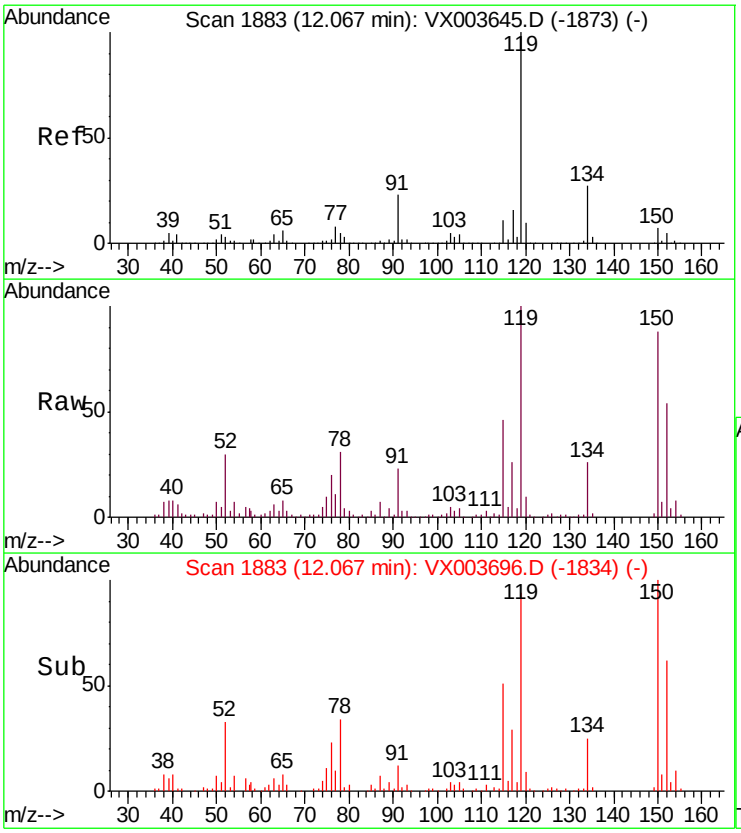
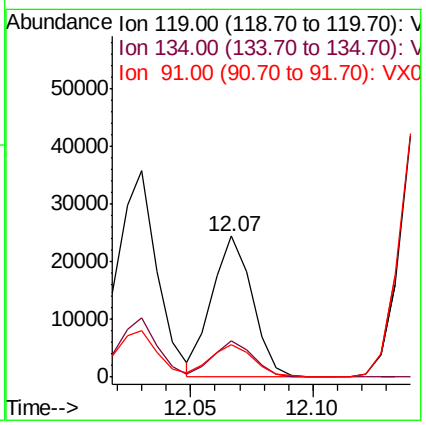


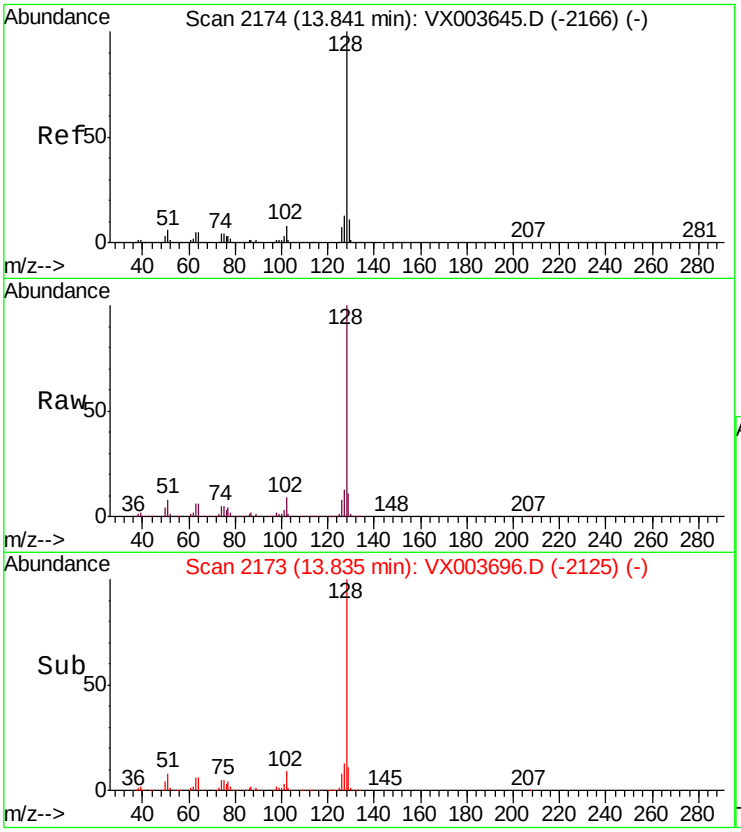


#86
p-Isopropyltoluene
Concen: 5.51 ug/l
RT: 12.07 min Scan# 1883
Delta R.T. 0.00 min
Lab File: VX003696.D
Acq: 27 Jul 2018 04:13

Tgt Ion:119 Resp: 27973

Ion	Ratio	Lower	Upper
119	100		
134	26.3	13.3	39.9
91	23.7	11.5	34.5

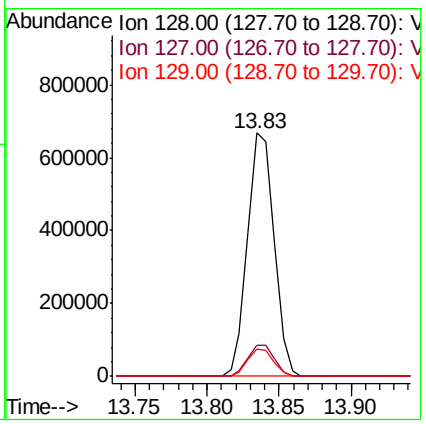




#95
Naphthalene
Concen: 133.63 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. -0.01 min
Lab File: VX003696.D
Acq: 27 Jul 2018 04:13

Tgt Ion:128 Resp: 853217

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	11.1	8.7	13.1



Instrument :
MSVOA_X
ClientSampleId :
FL-0507

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