Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX071719\
Data File : VX010929.D
Acq On : 17 Jul 2019 12:36
Operator : JC/SP
Sample : K3791-18
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0628

Quant Time: Jul 18 03:27:52 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	214692	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.86	114	337131	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	315472	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	151347	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.06	65	113448	49.67	ug/l		0.00
Spiked Amount 50.000			Recovery = 99.34%				
35) Dibromofluoromethane	5.50	113	106929	49.97	ug/l		0.00
Spiked Amount 50.000			Recovery = 99.94%				
50) Toluene-d8	8.71	98	406991	50.71	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.42%				
62) 4-Bromofluorobenzene	11.13	95	145966	49.48	ug/l		0.00
Spiked Amount 50.000			Recovery = 98.96%				
Target Compounds							Qvalue
16) Acetone	2.45	43	3417	3.312	ug/l		97
39) Methylcyclohexane	7.46	83	1106	0.308	ug/l	#	44
67) Ethyl Benzene	10.25	91	40770	3.697	ug/l		96
68) m/p-Xylenes	10.36	106	11623	2.747	ug/l		99
73) Isopropylbenzene	11.02	105	24029	2.350	ug/l		99
78) n-propylbenzene	11.36	91	46963	4.156	ug/l		98
80) 1,3,5-Trimethylbenzene	11.51	105	15963	1.868	ug/l		95
84) 1,2,4-Trimethylbenzene	11.80	105	192669	22.370	ug/l		100
85) sec-Butylbenzene	11.94	105	22069	2.244	ug/l		86
86) p-Isopropyltoluene	12.06	119	18389	2.022	ug/l		97
95) Naphthalene	13.83	128	19624	2.021	ug/l	#	87

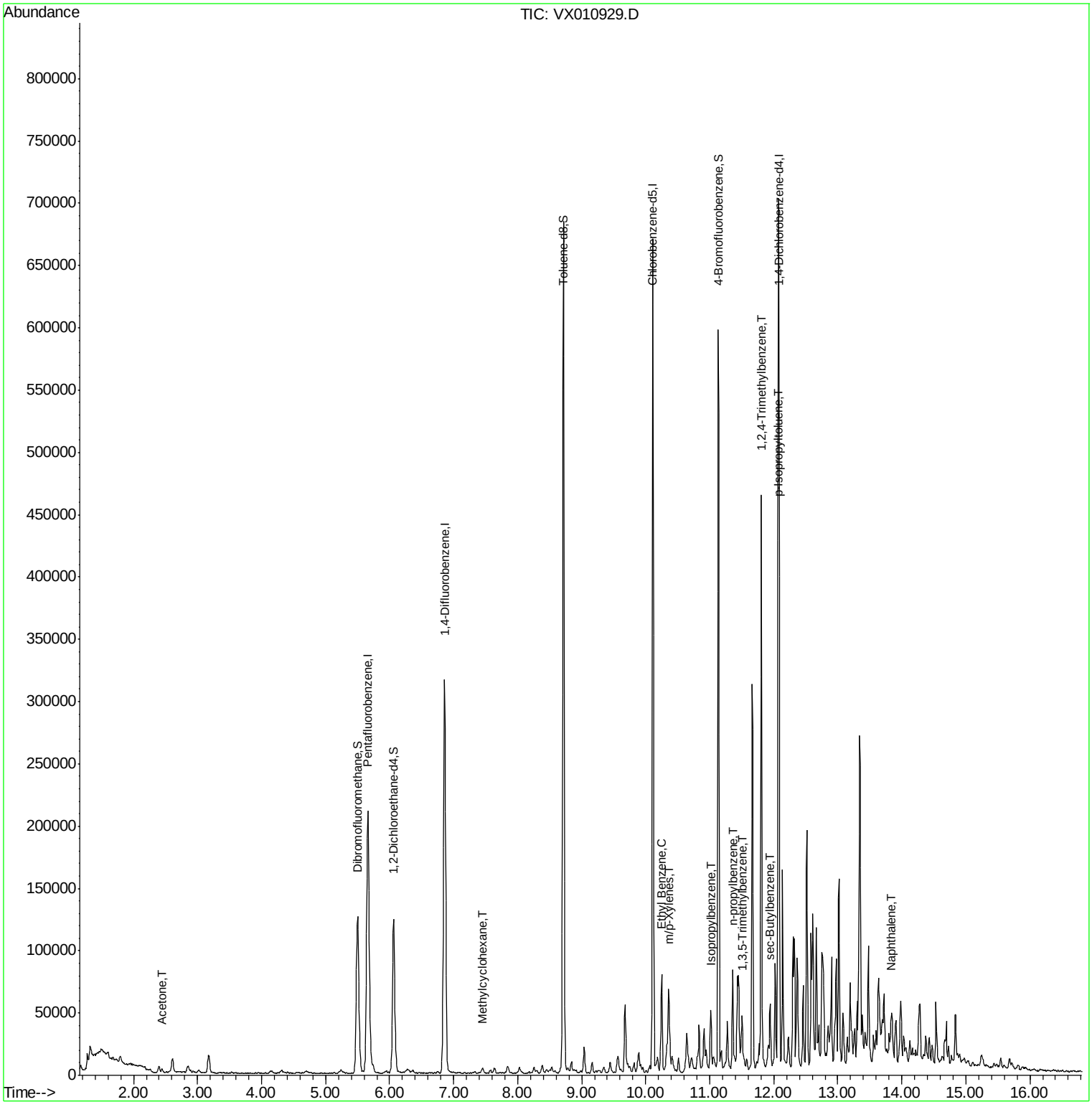
(#) = qualifier out of range (m) = manual integration (+) = signals summed

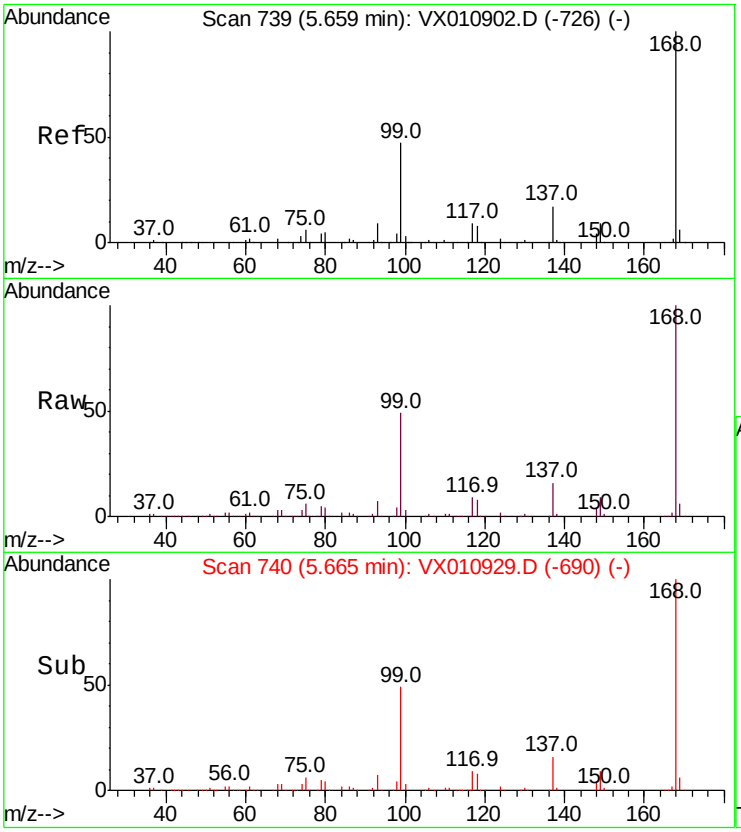
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX071719\
Data File : VX010929.D
Acq On : 17 Jul 2019 12:36
Operator : JC/SP
Sample : K3791-18
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FL-0628

Quant Time: Jul 18 03:27:52 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



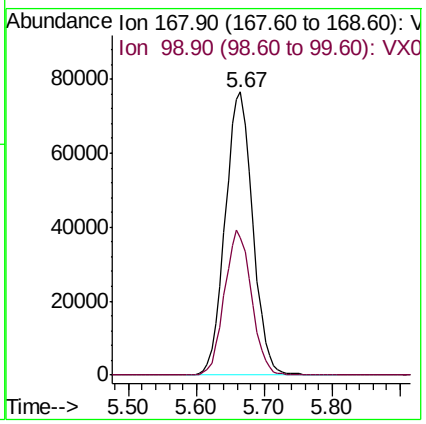


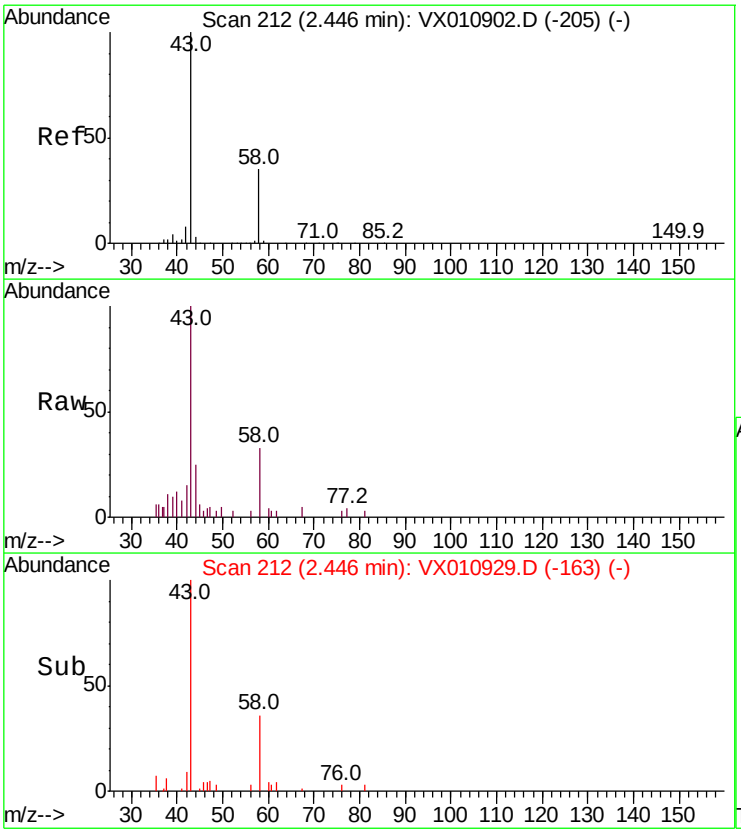
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX010929.D
Acq: 17 Jul 2019 12:36

Instrument :
MSVOA_X
ClientSampleId :
FL-0628

Tgt Ion:168 Resp: 214692

Ion	Ratio	Lower	Upper
168	100		
99	48.7	37.6	56.4

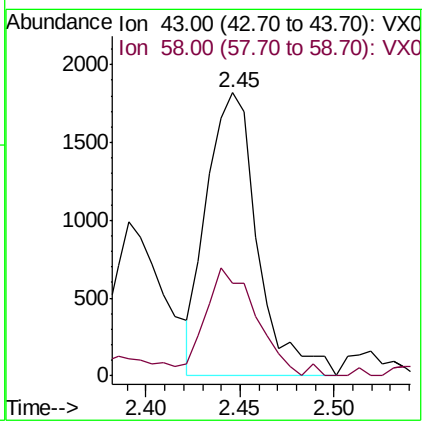


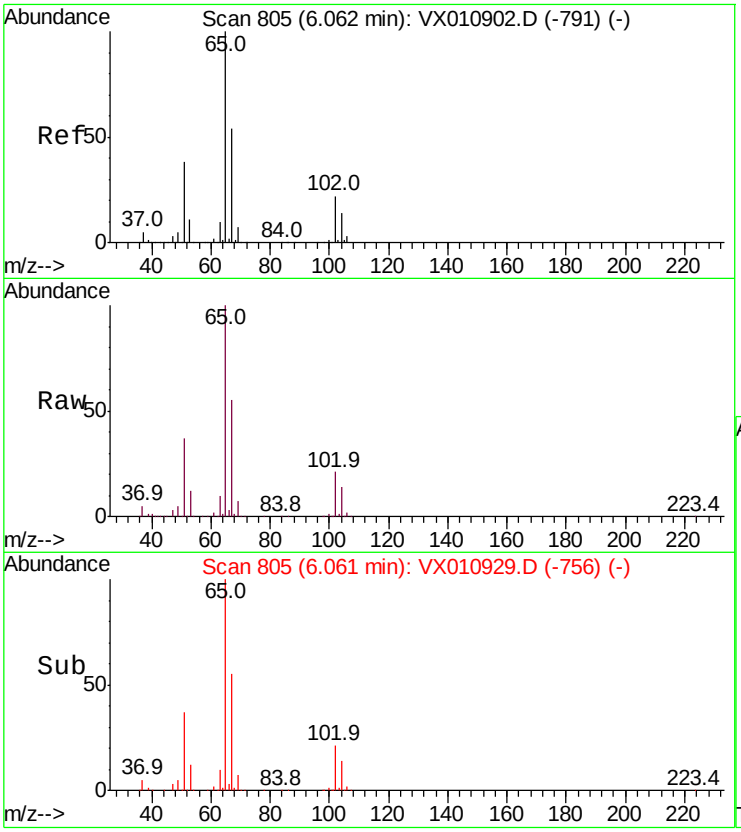


#16
Acetone
Concen: 3.312 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX010929.D
Acq: 17 Jul 2019 12:36

Tgt Ion: 43 Resp: 3417

Ion	Ratio	Lower	Upper
43	100		
58	32.7	27.7	41.5



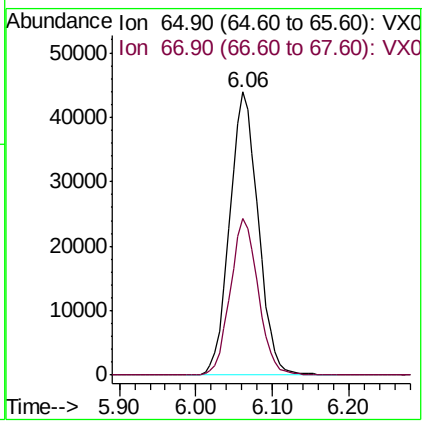


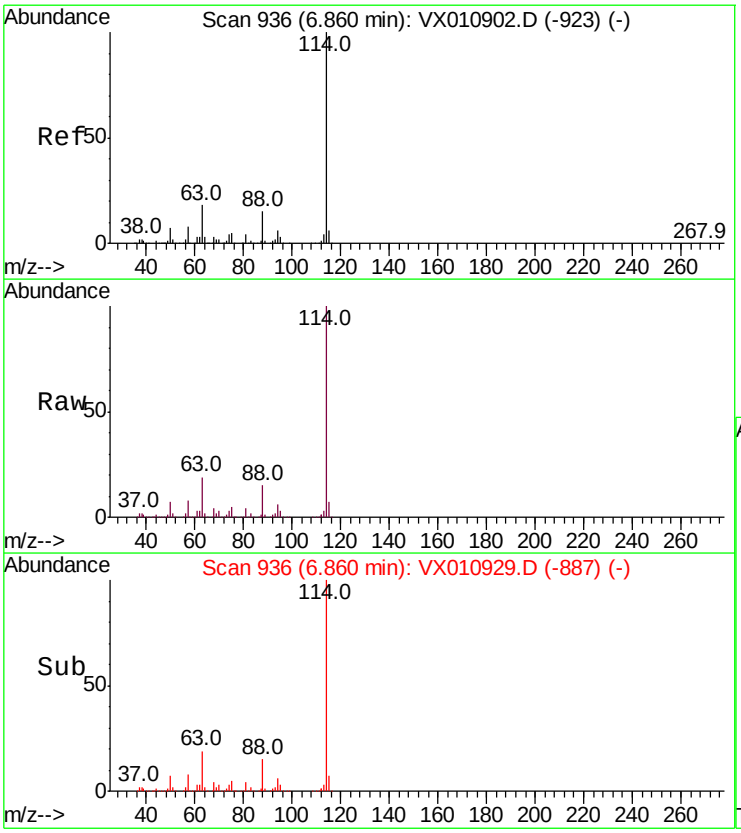
#33
1,2-Dichloroethane-d4
Concen: 49.671 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX010929.D
Acq: 17 Jul 2019 12:36

Instrument :
MSVOA_X
ClientSampleId :
FL-0628

Tgt Ion: 65 Resp: 113448

Ion	Ratio	Lower	Upper
65	100		
67	54.1	0.0	107.8

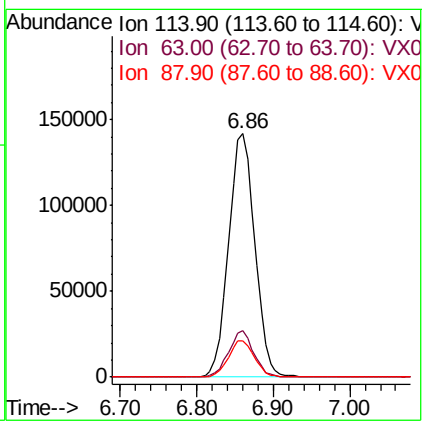


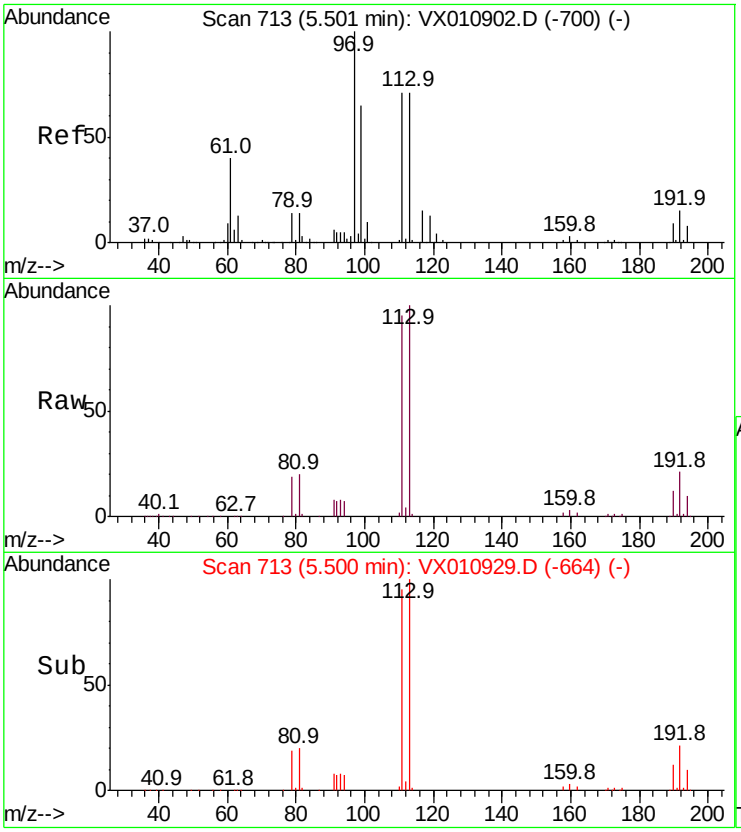


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX010929.D
Acq: 17 Jul 2019 12:36

Tgt Ion:114 Resp: 337131

Ion	Ratio	Lower	Upper
114	100		
63	18.9	0.0	35.6
88	15.1	0.0	29.8



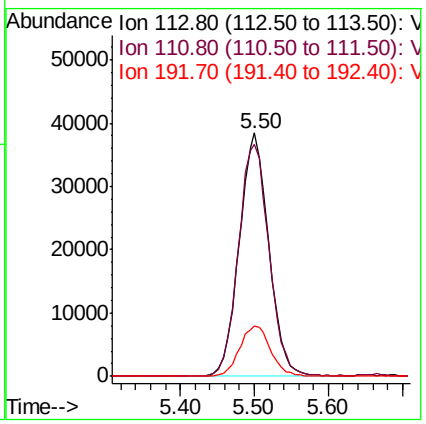


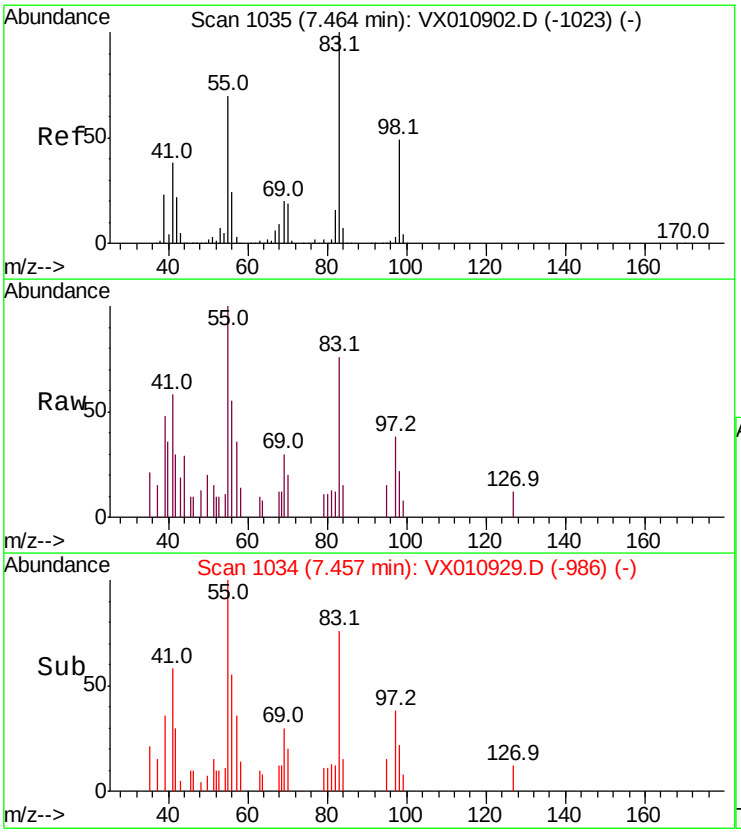
#35
Dibromofluoromethane
Concen: 49.971 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX010929.D
Acq: 17 Jul 2019 12:36

Instrument :
MSVOA_X
ClientSampleId :
FL-0628

Tgt Ion:113 Resp: 106929

Ion	Ratio	Lower	Upper
113	100		
111	99.1	82.3	123.5
192	21.6	17.4	26.2

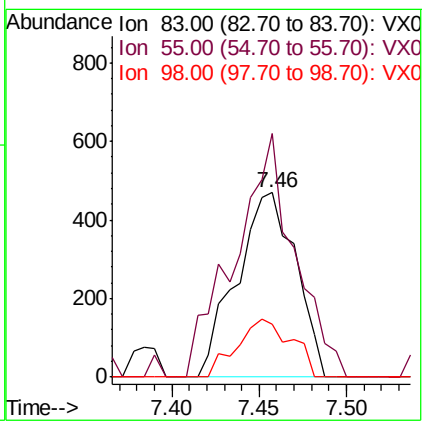


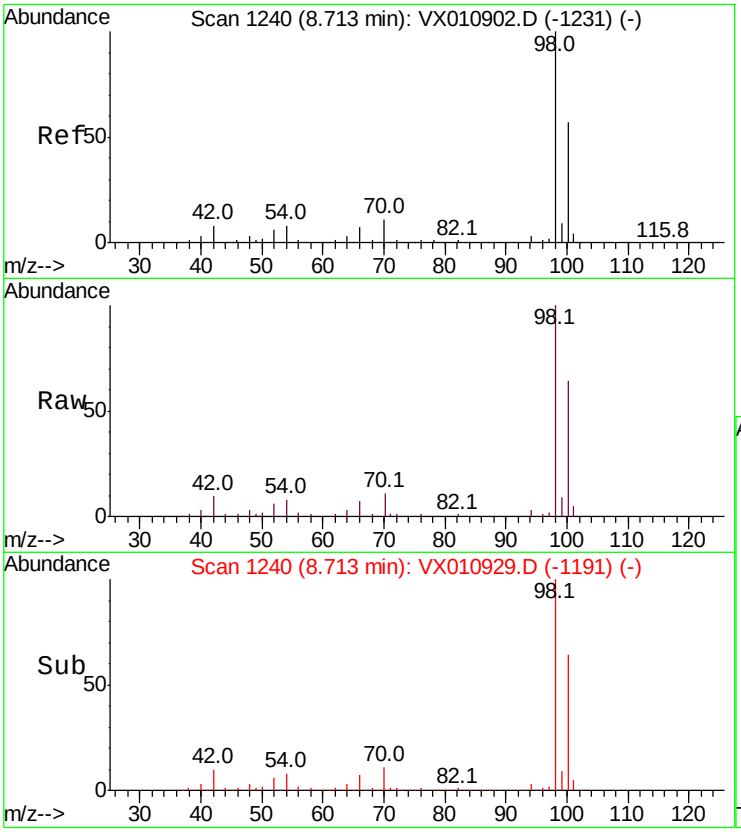


#39
Methylcyclohexane
Concen: 0.308 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX010929.D
Acq: 17 Jul 2019 12:36

Tgt Ion: 83 Resp: 1106

Ion	Ratio	Lower	Upper
83	100		
55	131.9	56.2	84.4#
98	28.5	39.0	58.4#



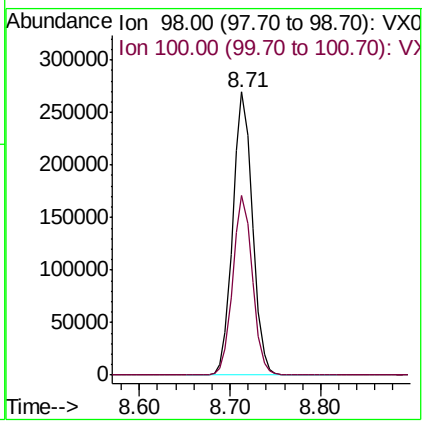


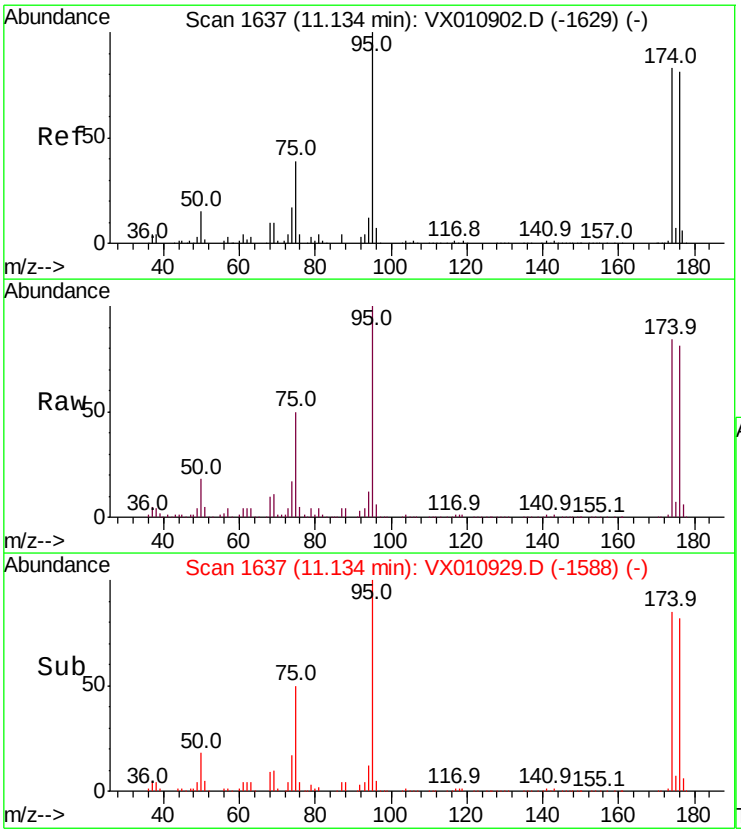
#50
Toluene-d8
Concen: 50.711 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX010929.D
Acq: 17 Jul 2019 12:36

Instrument :
MSVOA_X
ClientSampleId :
FL-0628

Tgt Ion: 98 Resp: 406991

Ion	Ratio	Lower	Upper
98	100		
100	63.3	50.6	75.8

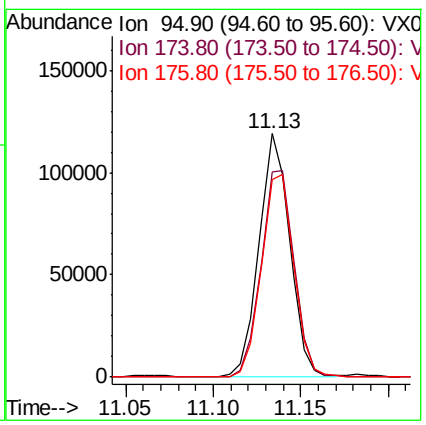


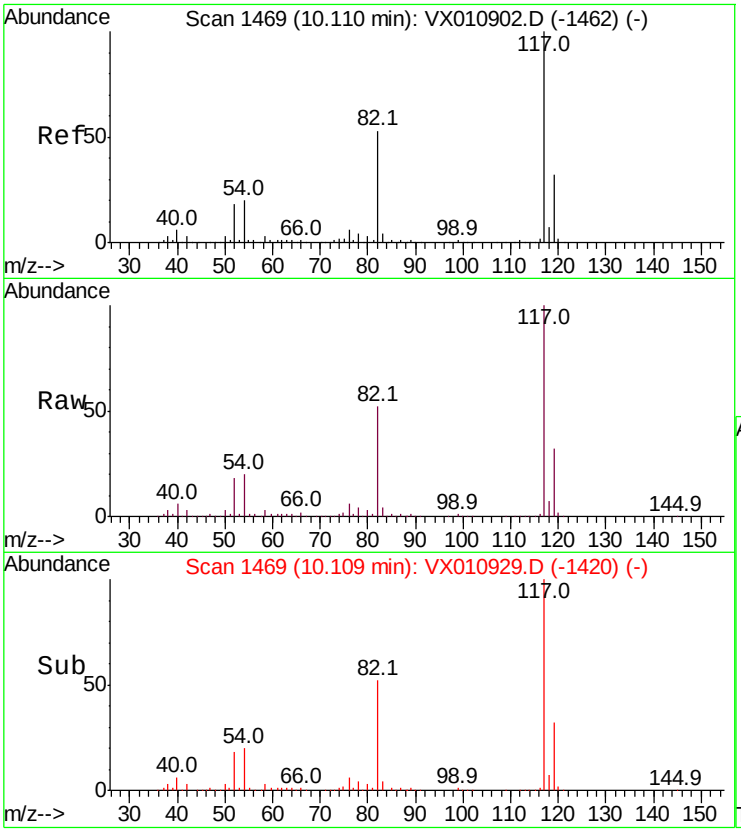


#62
4-Bromofluorobenzene
Concen: 49.479 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX010929.D
Acq: 17 Jul 2019 12:36

Tgt Ion: 95 Resp: 145966

Ion	Ratio	Lower	Upper
95	100		
174	90.9	0.0	180.6
176	87.9	0.0	173.8



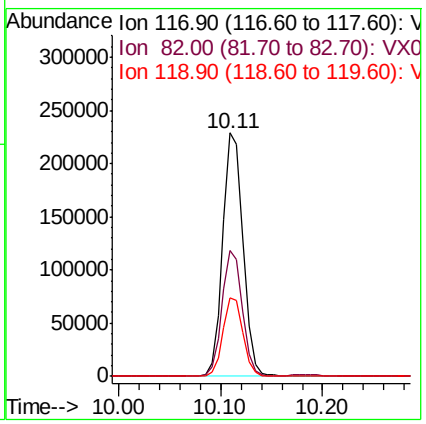


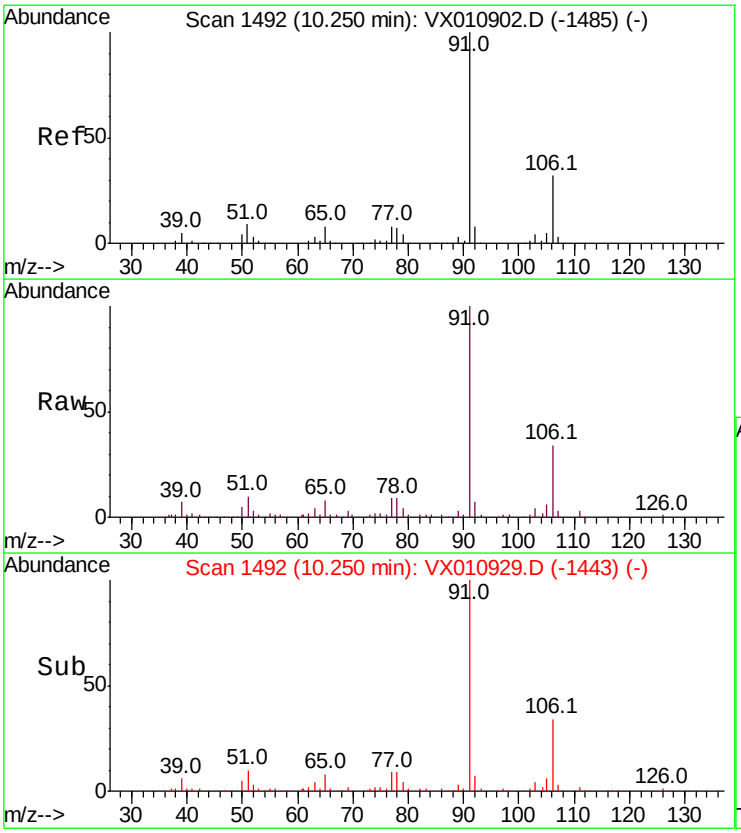
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010929.D
Acq: 17 Jul 2019 12:36

Instrument : MSVOA_X
ClientSampleId : FL-0628

Tgt Ion:117 Resp: 315472

Ion	Ratio	Lower	Upper
117	100		
82	51.8	42.6	63.8
119	32.3	25.9	38.9

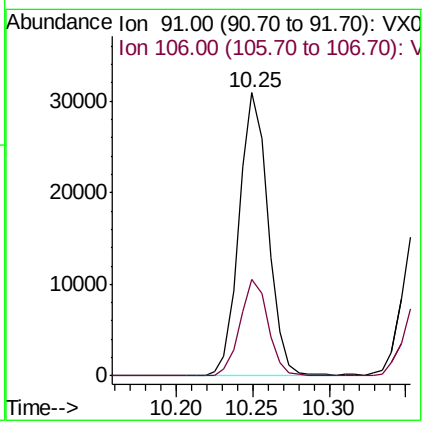


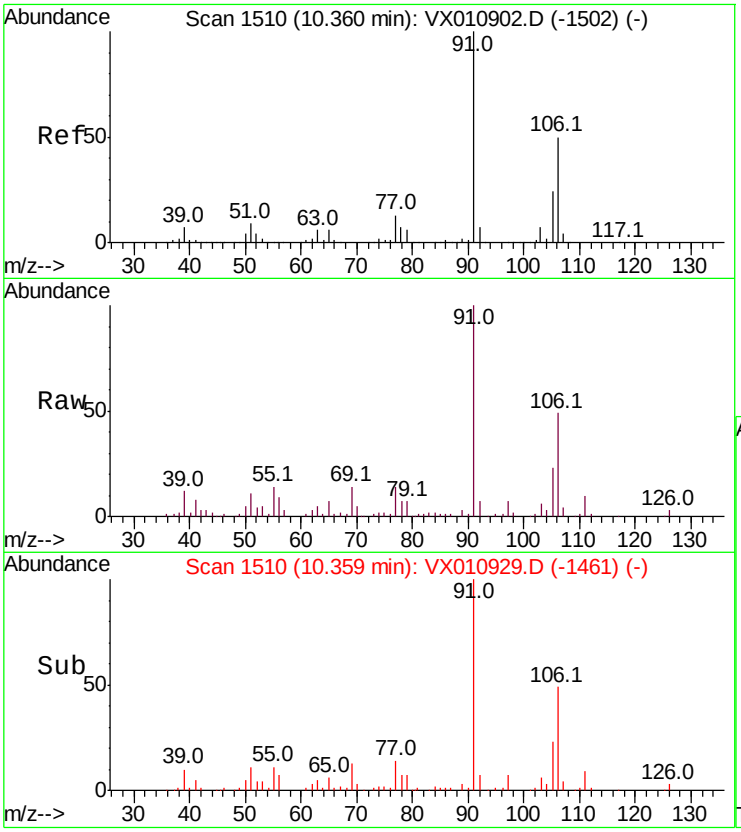


#67
Ethyl Benzene
Concen: 3.697 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX010929.D
Acq: 17 Jul 2019 12:36

Tgt Ion: 91 Resp: 40770

Ion	Ratio	Lower	Upper
91	100		
106	34.0	25.4	38.2



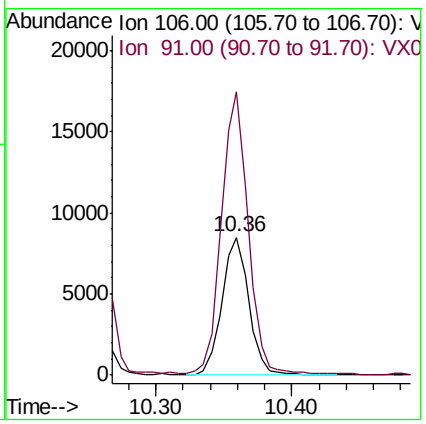


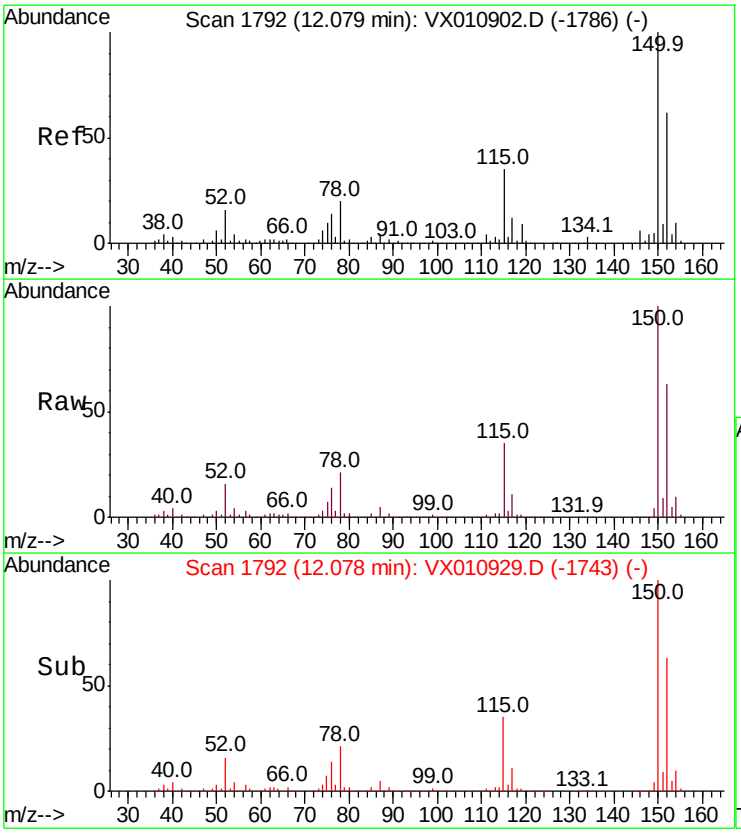
#68
m/p-Xylenes
Concen: 2.747 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX010929.D
Acq: 17 Jul 2019 12:36

Instrument :
MSVOA_X
ClientSampleId :
FL-0628

Tgt Ion:106 Resp: 11623

Ion	Ratio	Lower	Upper
106	100		
91	201.4	160.1	240.1

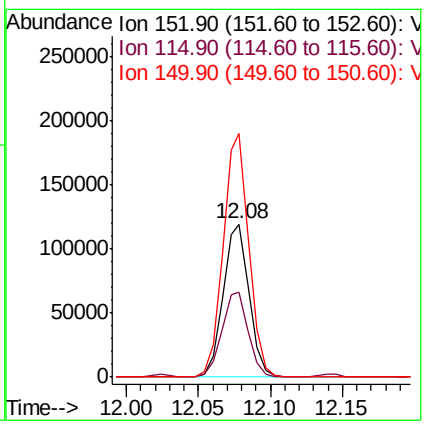


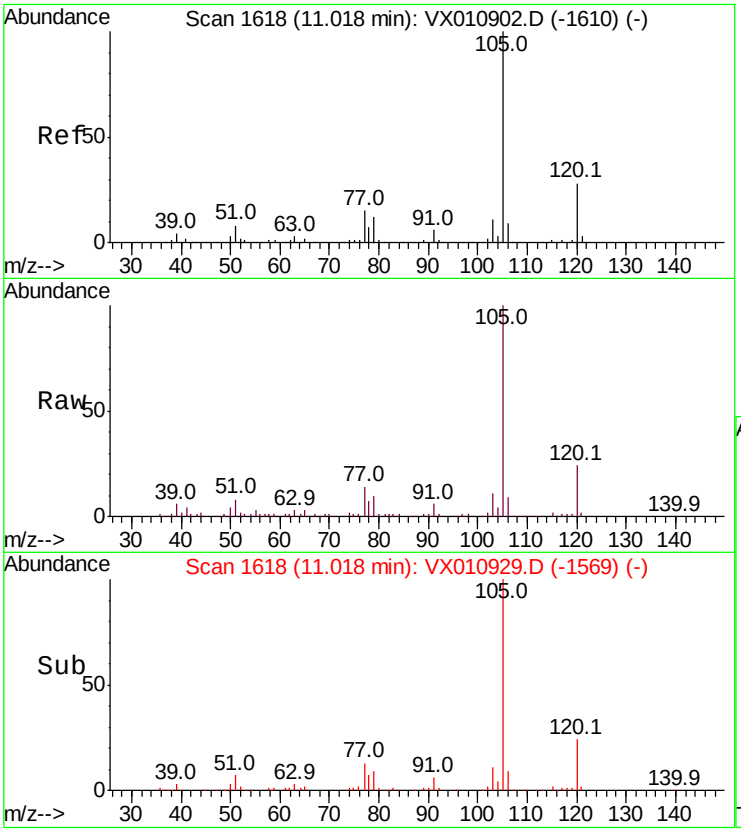


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX010929.D
Acq: 17 Jul 2019 12:36

Tgt Ion:152 Resp: 151347

Ion	Ratio	Lower	Upper
152	100		
115	56.6	39.7	119.1
150	157.5	0.0	345.6



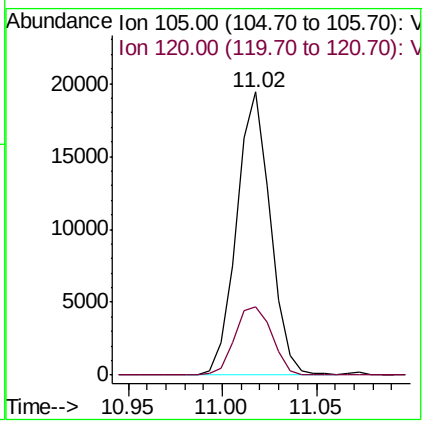


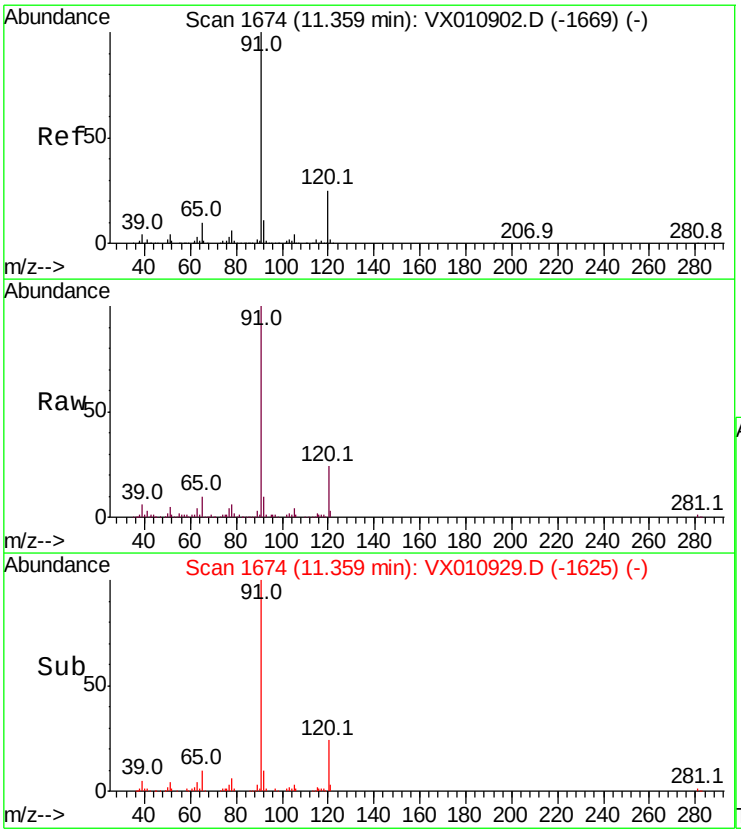
#73
Isopropylbenzene
Concen: 2.350 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX010929.D
Acq: 17 Jul 2019 12:36

Instrument : MSVOA_X
ClientSampleId : FL-0628

Tgt Ion:105 Resp: 24029

Ion	Ratio	Lower	Upper
105	100		
120	26.8	13.7	41.1

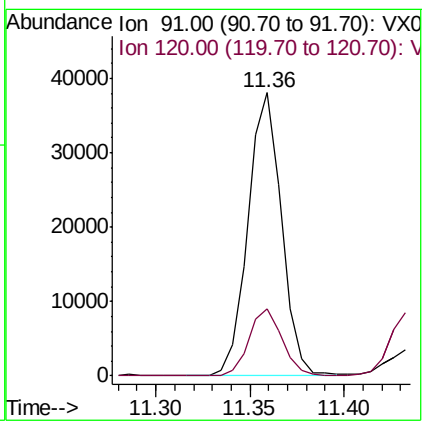


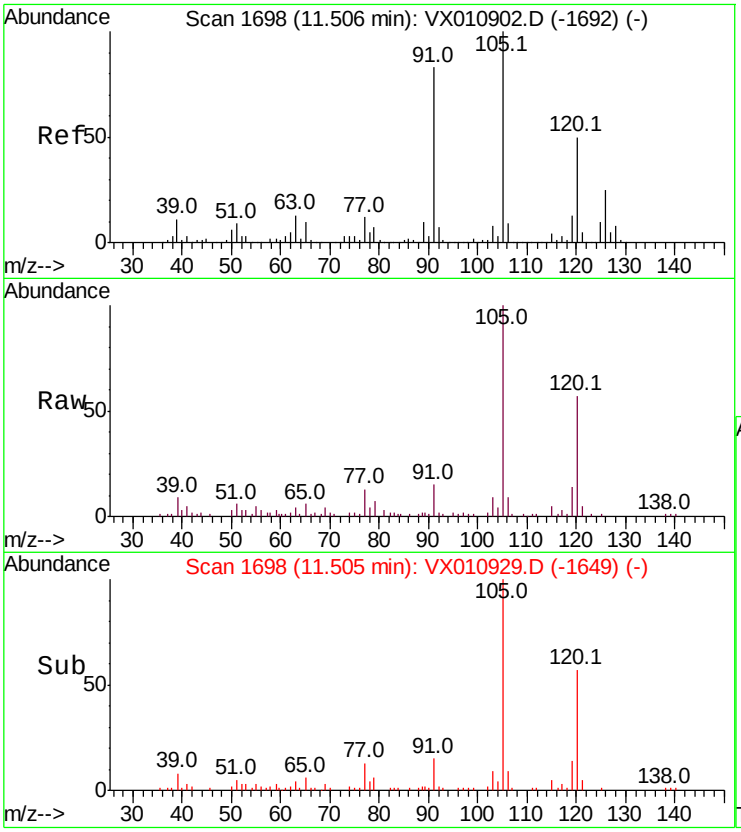


#78
n-propylbenzene
Concen: 4.156 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VX010929.D
Acq: 17 Jul 2019 12:36

Tgt Ion: 91 Resp: 46963

Ion	Ratio	Lower	Upper
91	100		
120	23.4	12.3	36.8



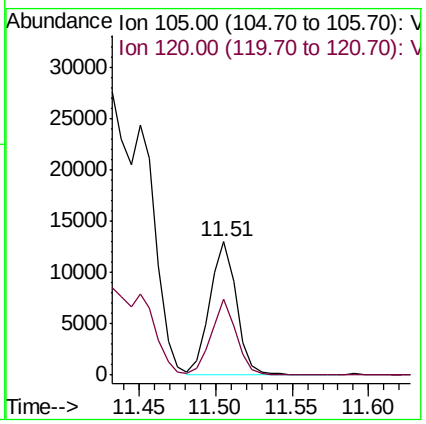


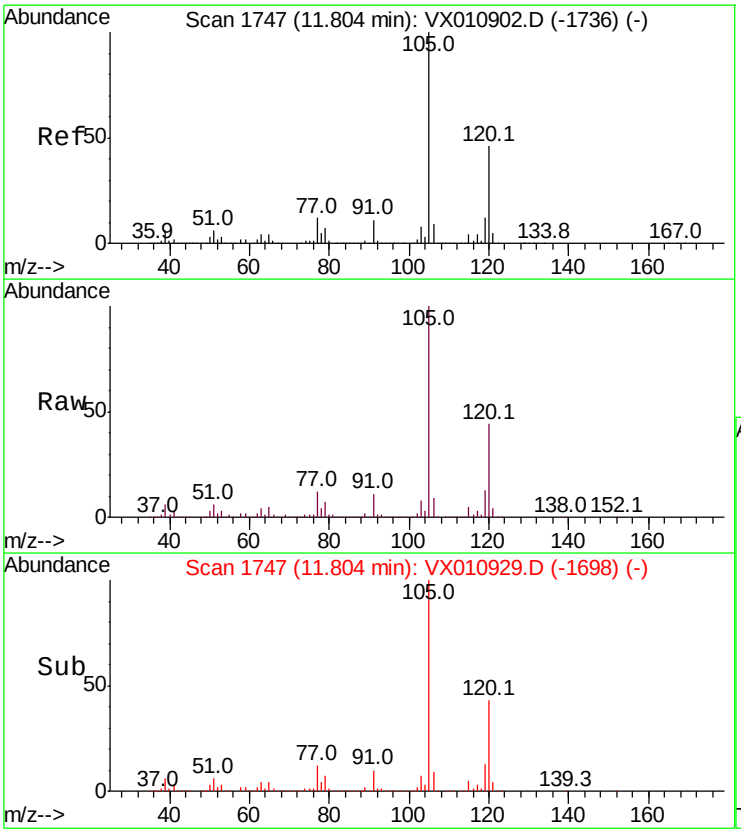
#80
1,3,5-Trimethylbenzene
Concen: 1.868 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX010929.D
Acq: 17 Jul 2019 12:36

Instrument :
MSVOA_X
ClientSampleId :
FL-0628

Tgt Ion:105 Resp: 15963

Ion	Ratio	Lower	Upper
105	100		
120	52.8	24.6	73.8

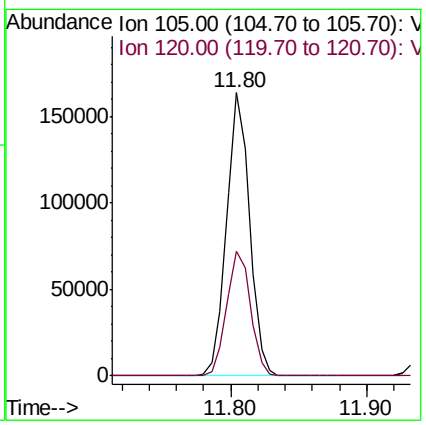


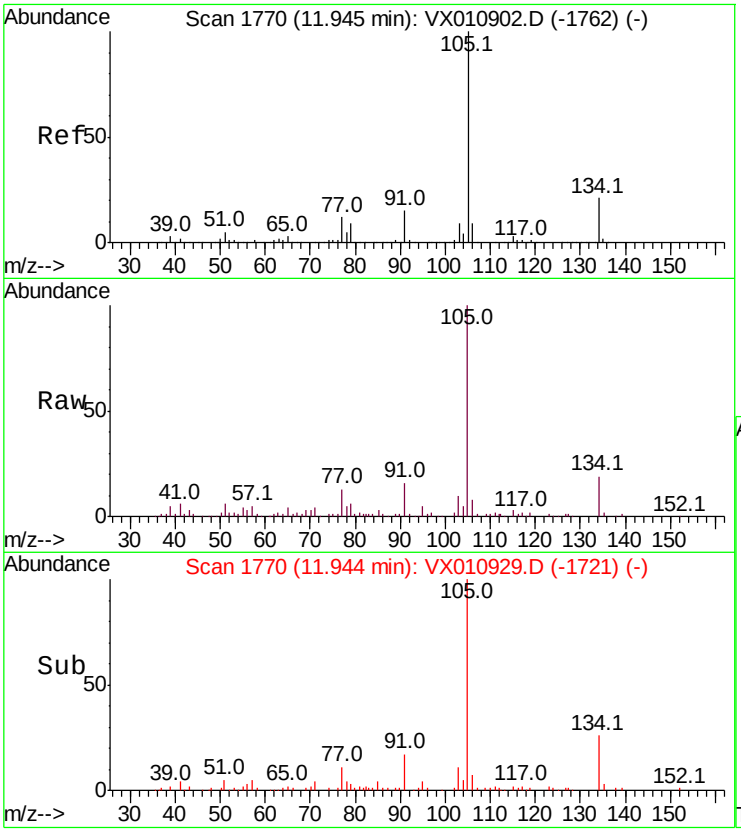


#84
1,2,4-Trimethylbenzene
Concen: 22.370 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX010929.D
Acq: 17 Jul 2019 12:36

Tgt Ion:105 Resp: 192669

Ion	Ratio	Lower	Upper
105	100		
120	46.0	22.9	68.5



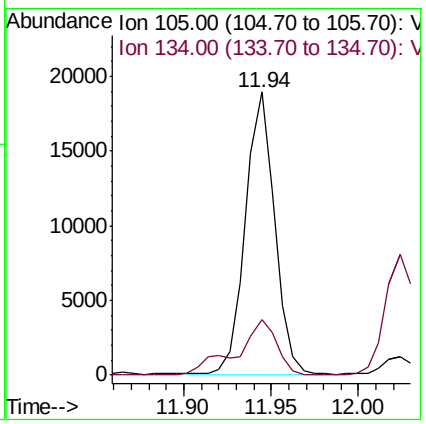


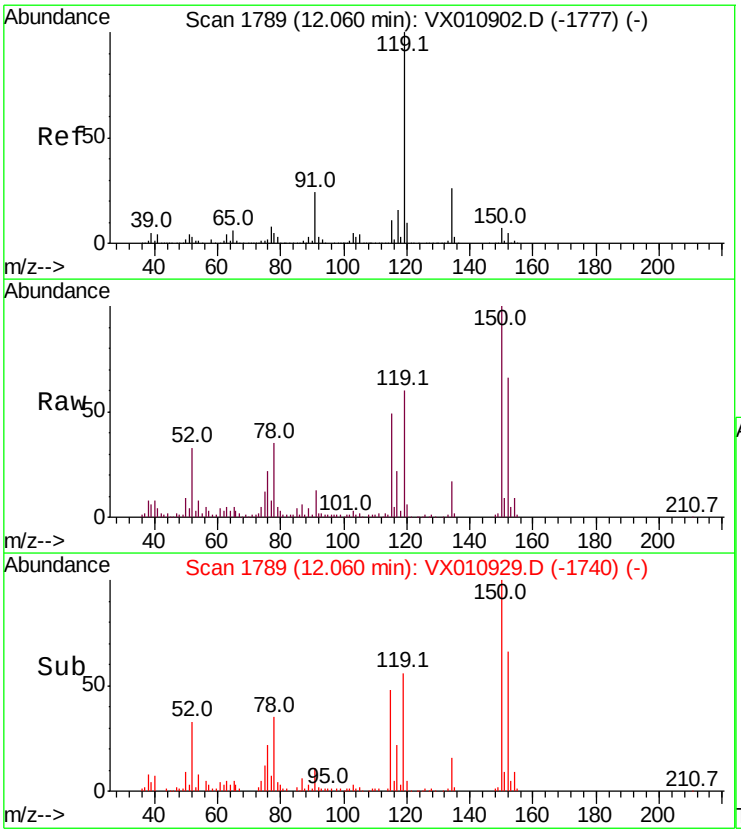
#85
sec-Butylbenzene
Concen: 2.244 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. -0.00 min
Lab File: VX010929.D
Acq: 17 Jul 2019 12:36

Instrument : MSVOA_X
ClientSampleId : FL-0628

Tgt Ion:105 Resp: 22069

Ion	Ratio	Lower	Upper
105	100		
134	27.3	10.4	31.4

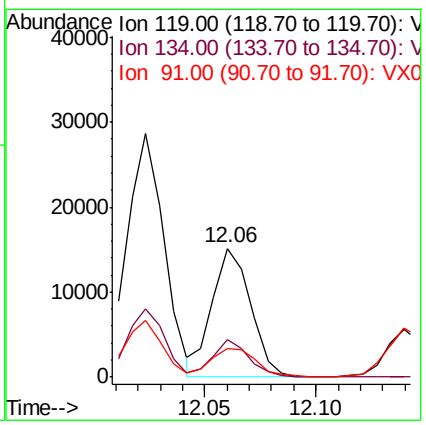


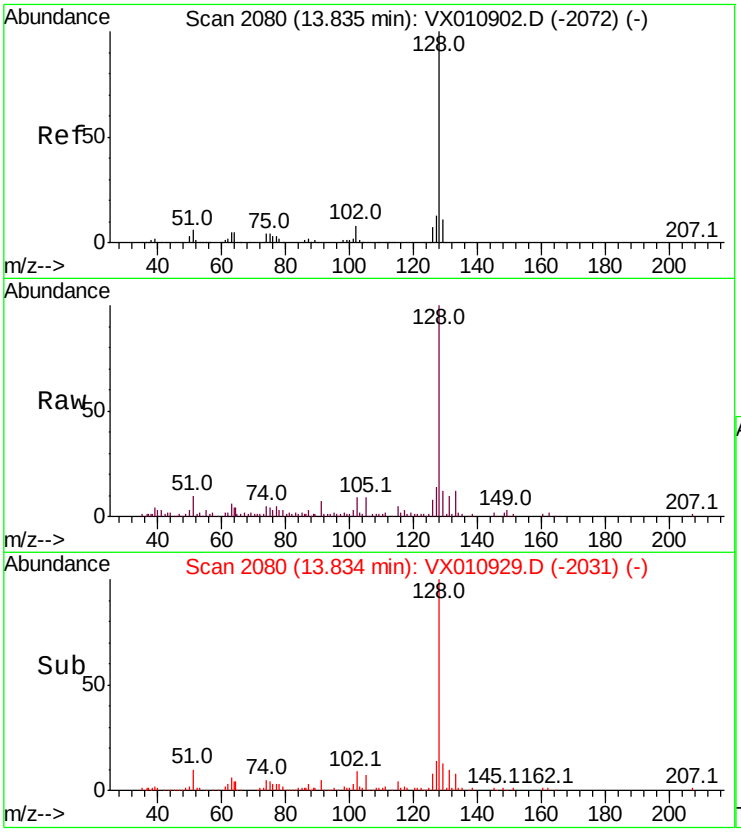


#86
p-Isopropyltoluene
Concen: 2.022 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX010929.D
Acq: 17 Jul 2019 12:36

Tgt Ion:119 Resp: 18389

Ion	Ratio	Lower	Upper
119	100		
134	27.2	13.4	40.1
91	26.5	11.8	35.4





#95
Naphthalene
Concen: 2.021 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX010929.D
Acq: 17 Jul 2019 12:36

Instrument :
MSVOA_X
ClientSampleId :
FL-0628

Tgt Ion:128 Resp: 19624

Ion	Ratio	Lower	Upper
128	100		
127	16.3	10.4	15.6#
129	18.5	8.9	13.3#