Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX071819\
Data File : VX010973.D
Acq On : 18 Jul 2019 20:48
Operator : JC/SP
Sample : K3884-18
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0621

Quant Time: Aug 01 17:02:10 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	244382	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	384835	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	359517	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	171594	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	133721	51.43	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.86%			
35) Dibromofluoromethane	5.50	113	119263	48.83	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.66%			
50) Toluene-d8	8.71	98	464676	50.72	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.44%			
62) 4-Bromofluorobenzene	11.13	95	171122	50.82	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.64%			
Target Compounds						Qvalue
16) Acetone	2.44	43	4414	3.759	ug/l	94
31) Cyclohexane	5.57	56	1873	0.531	ug/l #	94
39) Methylcyclohexane	7.46	83	3299	0.805	ug/l	90
67) Ethyl Benzene	10.25	91	4400	0.350	ug/l	99
68) m/p-Xylenes	10.36	106	4473	0.928	ug/l	96
73) Isopropylbenzene	11.02	105	5033	0.434	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	13870	1.420	ug/l	99

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

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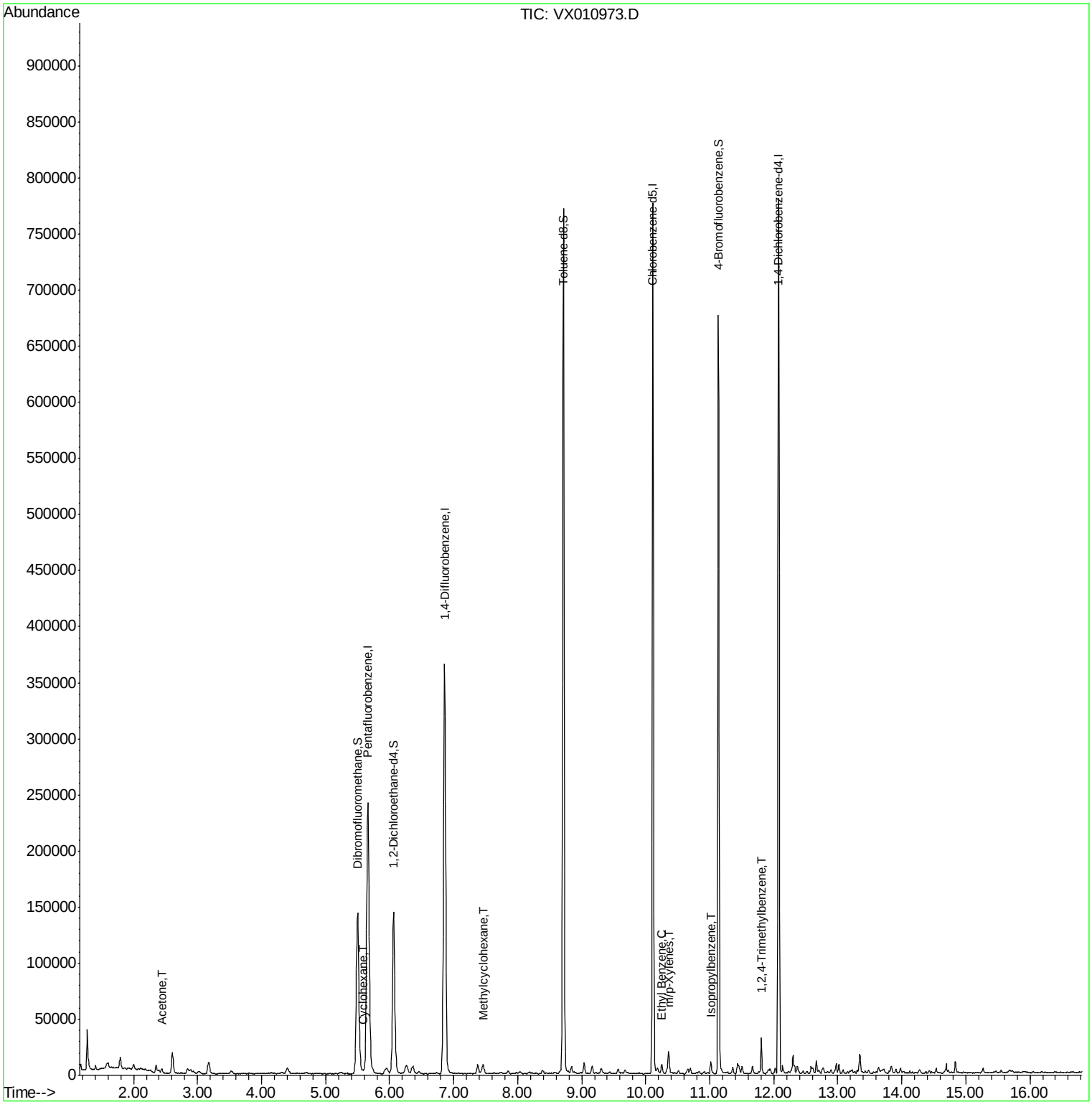
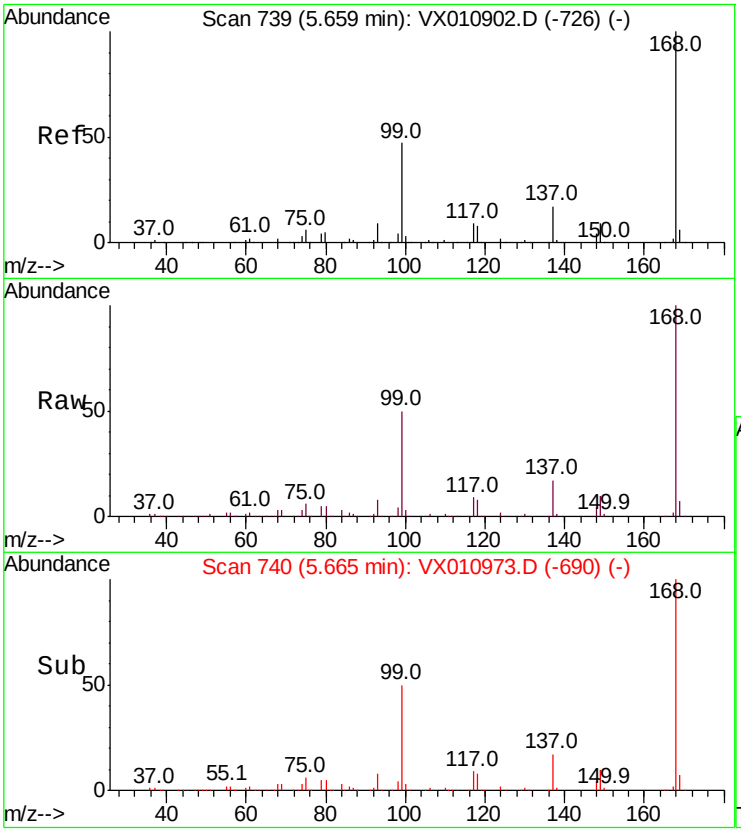


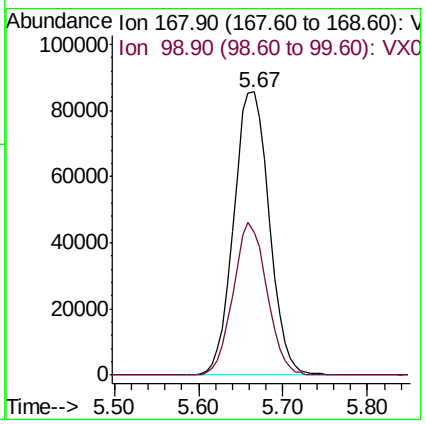


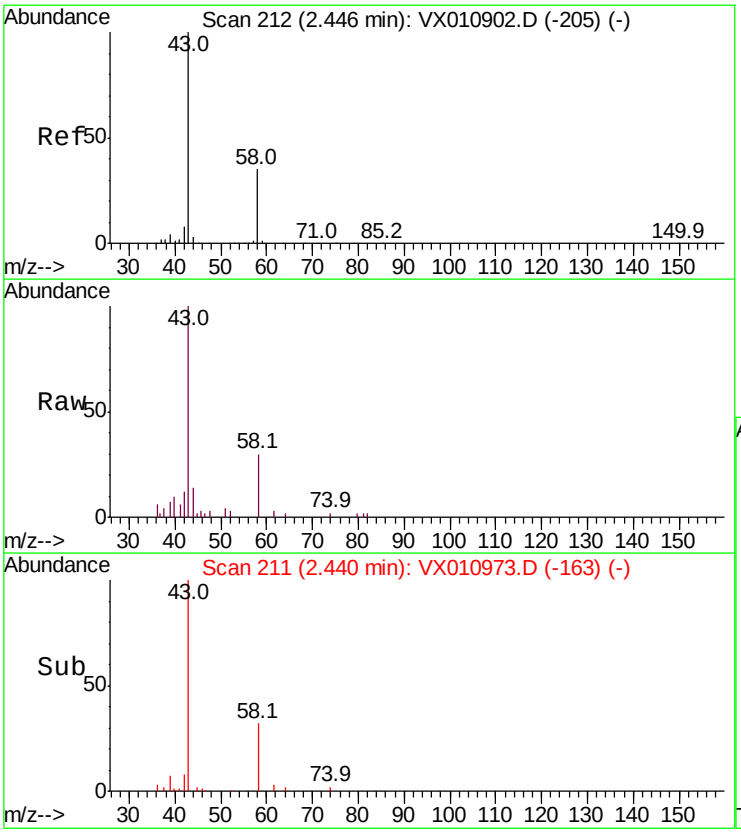
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX010973.D
Acq: 18 Jul 2019 20:48

Instrument :
MSVOA_X
ClientSampleId :
FL-0621

Tgt Ion:168 Resp: 244382

Ion	Ratio	Lower	Upper
168	100		
99	50.2	37.6	56.4

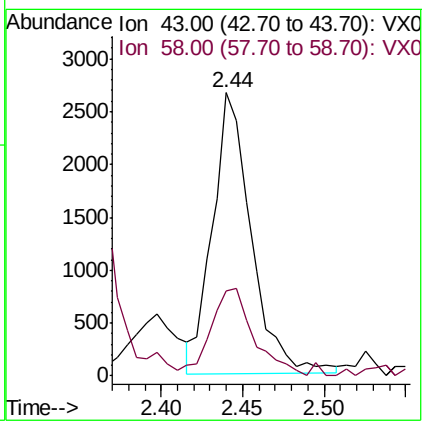


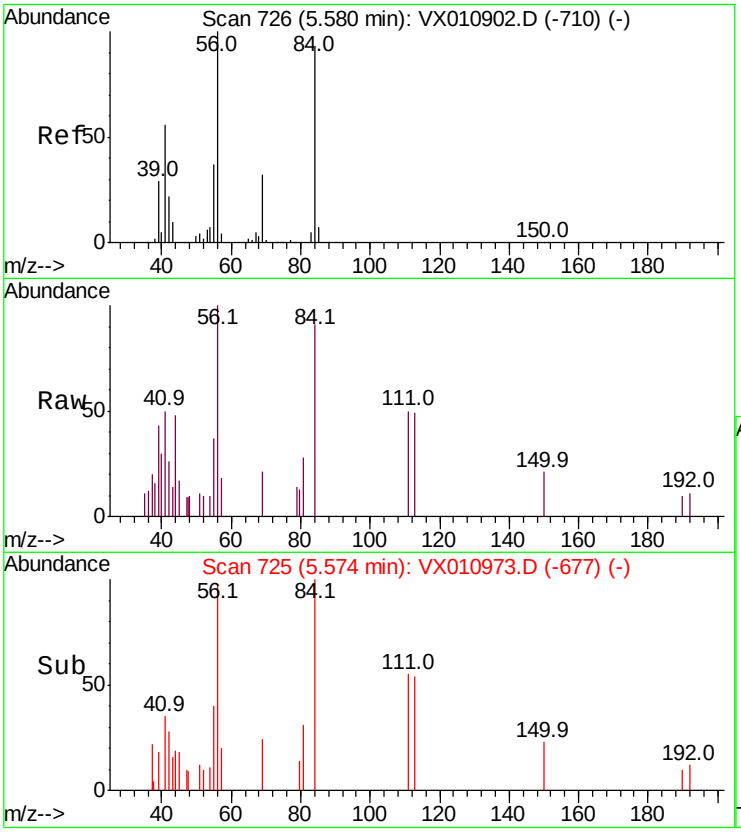


#16
Acetone
Concen: 3.759 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX010973.D
Acq: 18 Jul 2019 20:48

Tgt Ion: 43 Resp: 4414

Ion	Ratio	Lower	Upper
43	100		
58	31.2	27.7	41.5



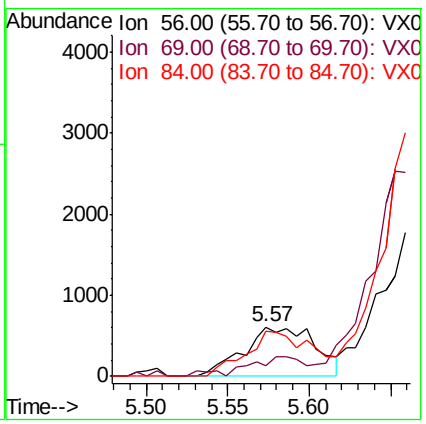


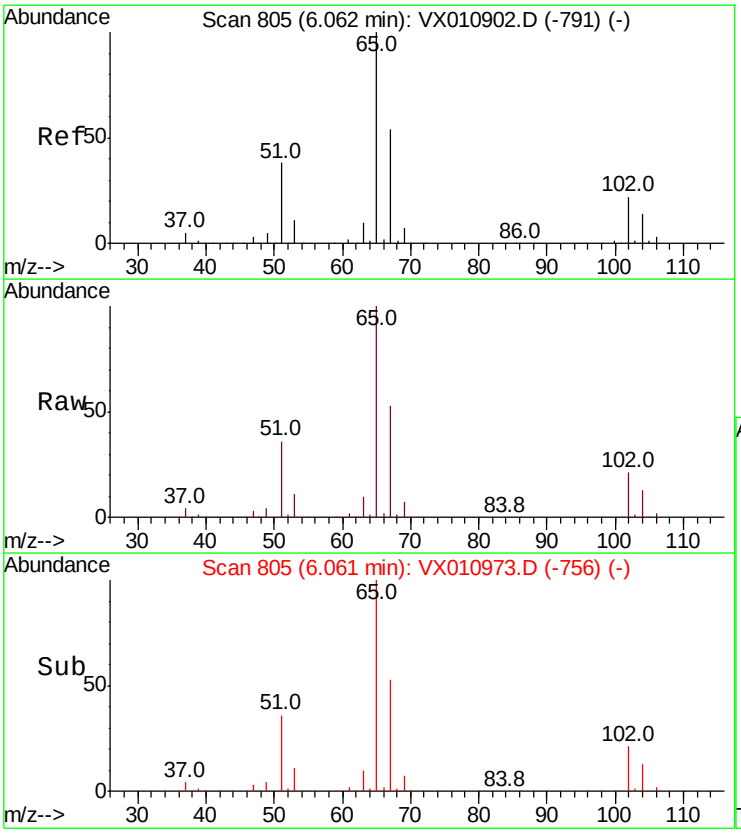
#31
Cyclohexane
Concen: 0.531 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.01 min
Lab File: VX010973.D
Acq: 18 Jul 2019 20:48

Instrument : MSVOA_X
ClientSampleId : FL-0621

Tgt Ion: 56 Resp: 1873

Ion	Ratio	Lower	Upper
56	100		
69	21.5	25.8	38.8#
84	91.3	73.8	110.6

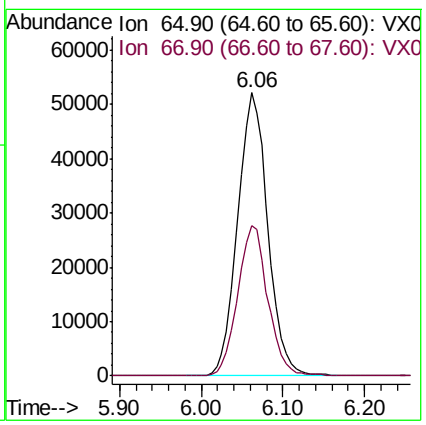


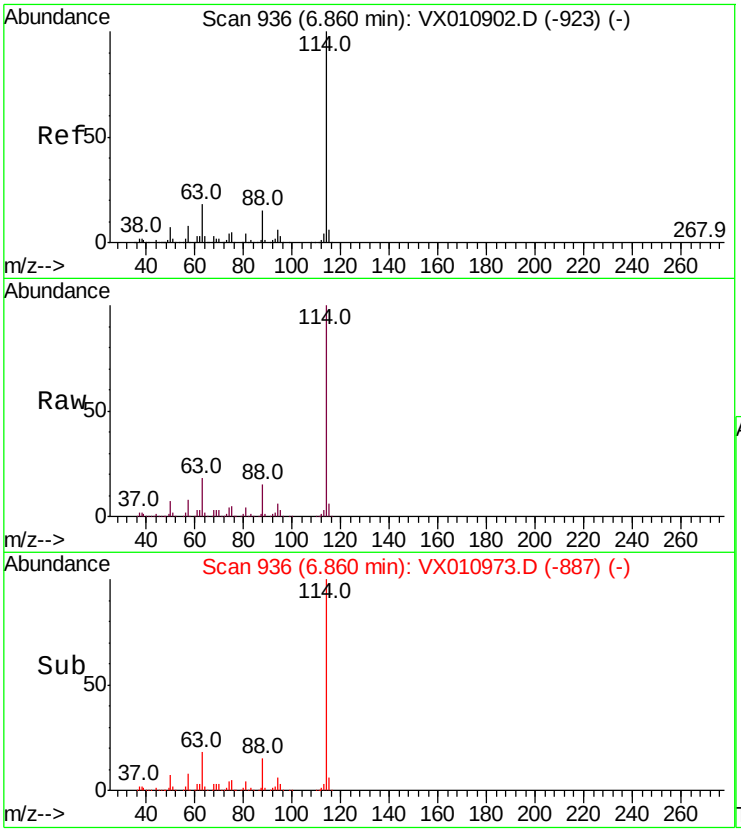


#33
1,2-Dichloroethane-d4
Concen: 51.434 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX010973.D
Acq: 18 Jul 2019 20:48

Tgt Ion: 65 Resp: 133721

Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	107.8



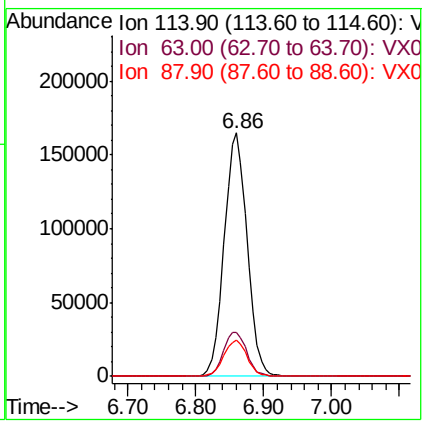


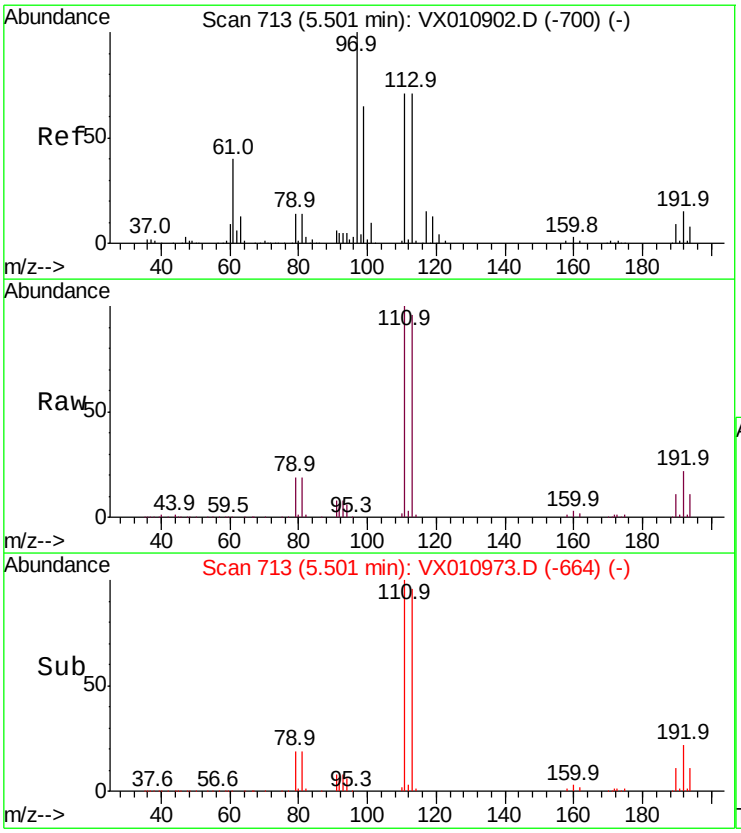
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX010973.D
Acq: 18 Jul 2019 20:48

Instrument :
MSVOA_X
ClientSampleId :
FL-0621

Tgt Ion:114 Resp: 384835

Ion	Ratio	Lower	Upper
114	100		
63	18.1	0.0	35.6
88	15.1	0.0	29.8

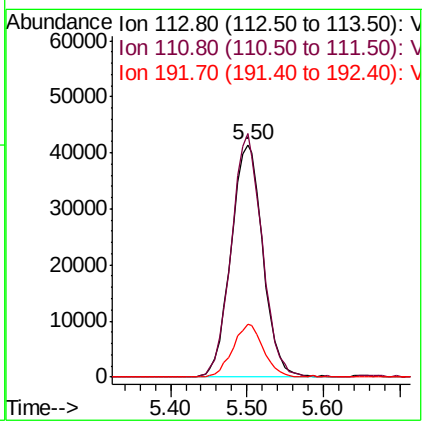


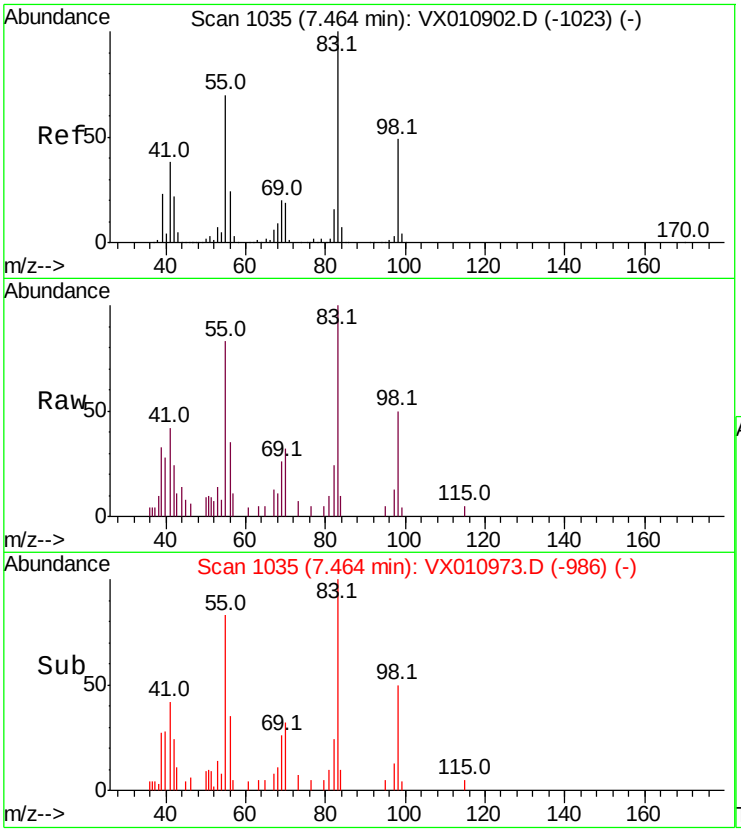


#35
Dibromofluoromethane
Concen: 48.826 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX010973.D
Acq: 18 Jul 2019 20:48

Tgt Ion:113 Resp: 119263

Ion	Ratio	Lower	Upper
113	100		
111	101.6	82.3	123.5
192	21.9	17.4	26.2



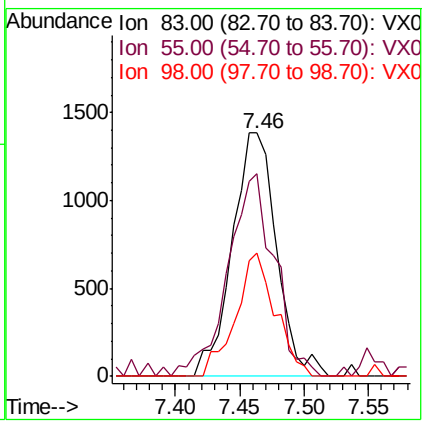


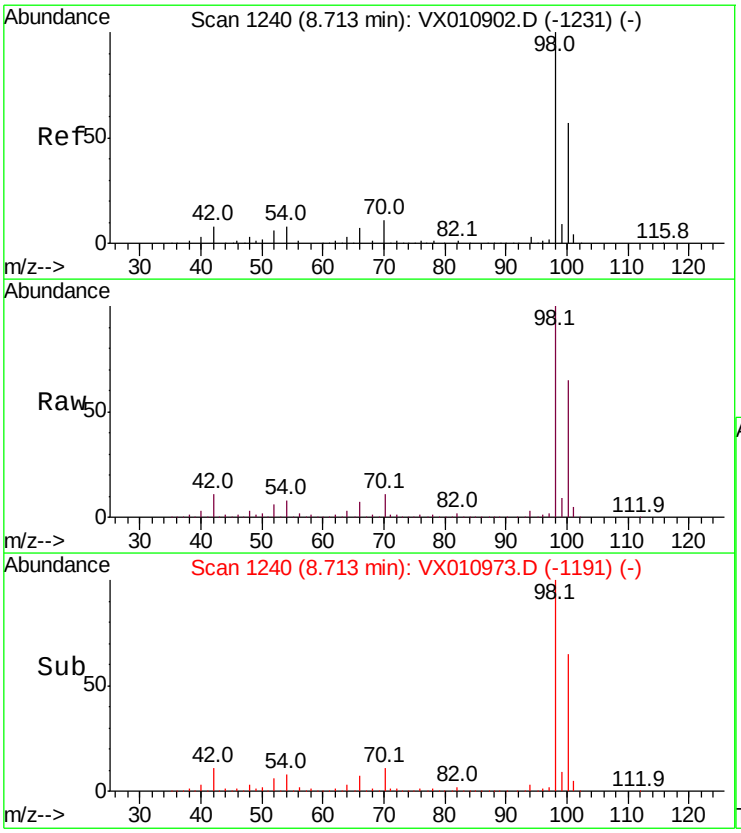
#39
Methylcyclohexane
Concen: 0.805 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX010973.D
Acq: 18 Jul 2019 20:48

Instrument :
MSVOA_X
ClientSampleId :
FL-0621

Tgt Ion: 83 Resp: 3299

Ion	Ratio	Lower	Upper
83	100		
55	83.2	56.2	84.4
98	50.5	39.0	58.4

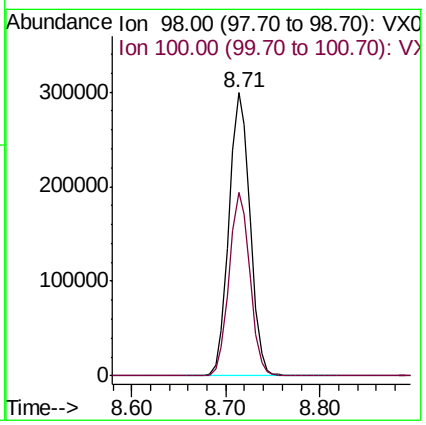


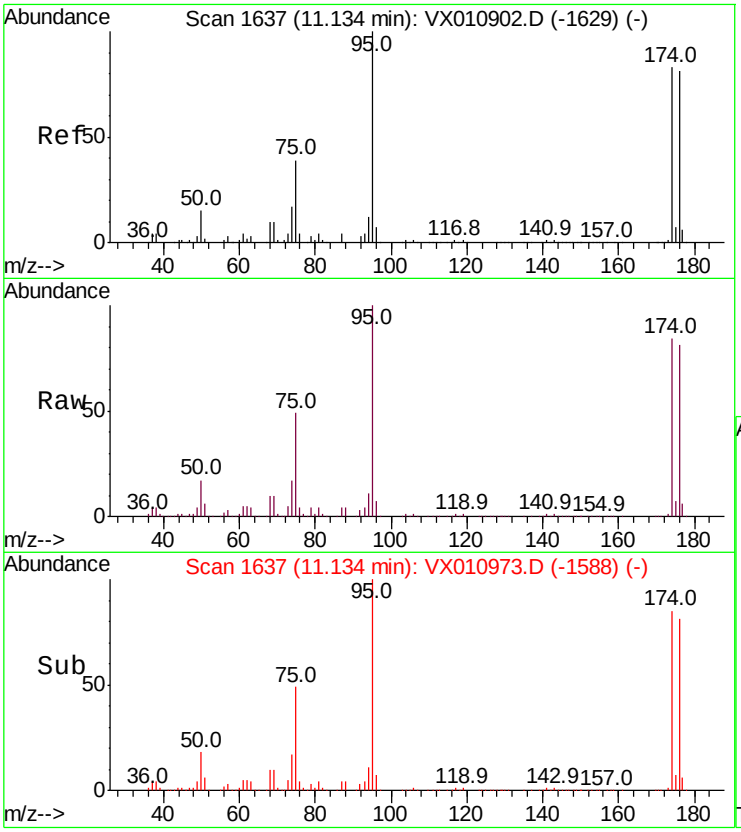


#50
Toluene-d8
Concen: 50.721 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX010973.D
Acq: 18 Jul 2019 20:48

Tgt Ion: 98 Resp: 464676

Ion	Ratio	Lower	Upper
98	100		
100	64.1	50.6	75.8



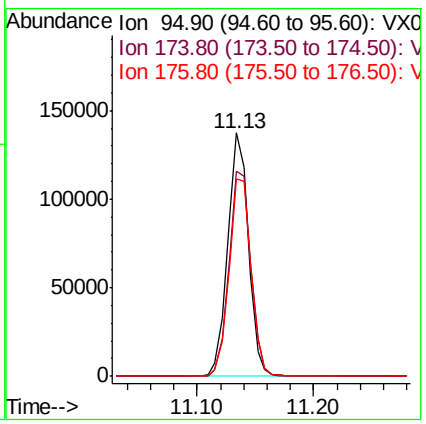


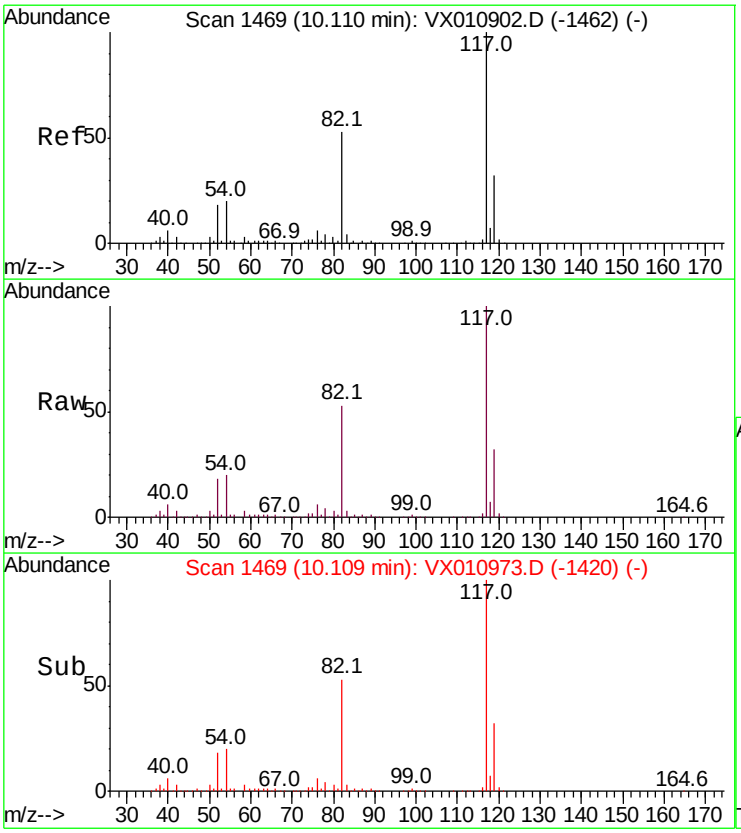
#62
4-Bromofluorobenzene
Concen: 50.816 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX010973.D
Acq: 18 Jul 2019 20:48

Instrument :
MSVOA_X
ClientSampleId :
FL-0621

Tgt Ion: 95 Resp: 171122

Ion	Ratio	Lower	Upper
95	100		
174	88.8	0.0	180.6
176	85.9	0.0	173.8

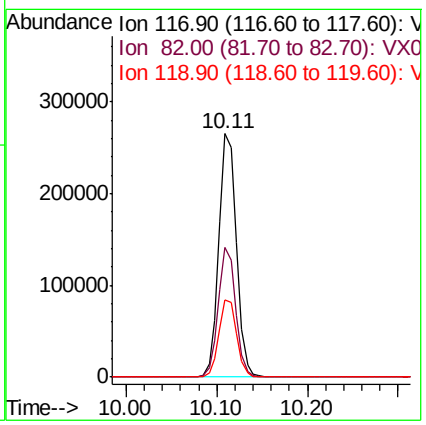


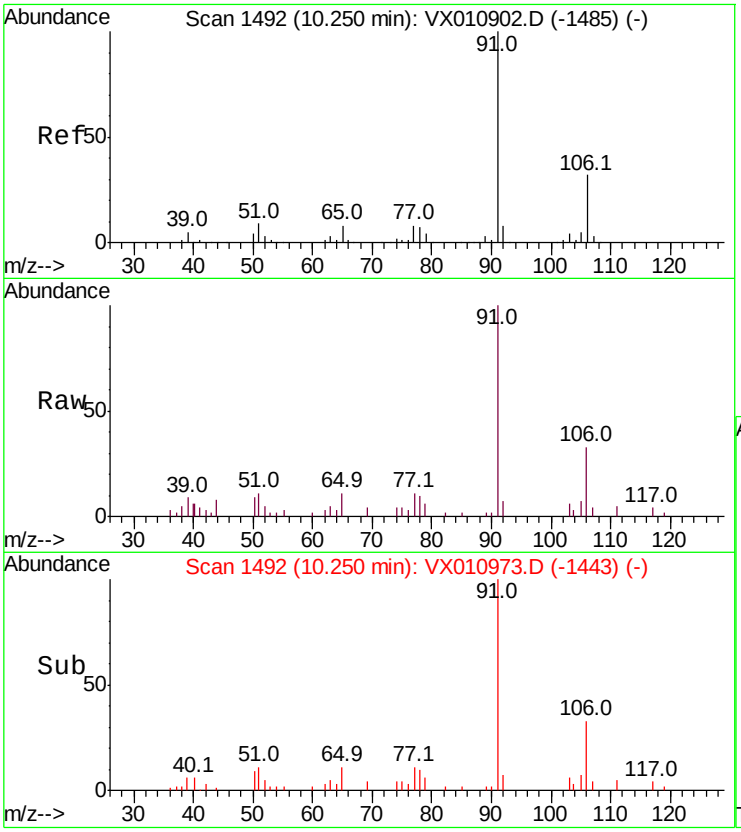


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010973.D
Acq: 18 Jul 2019 20:48

Tgt Ion:117 Resp: 359517

Ion	Ratio	Lower	Upper
117	100		
82	53.1	42.6	63.8
119	31.6	25.9	38.9



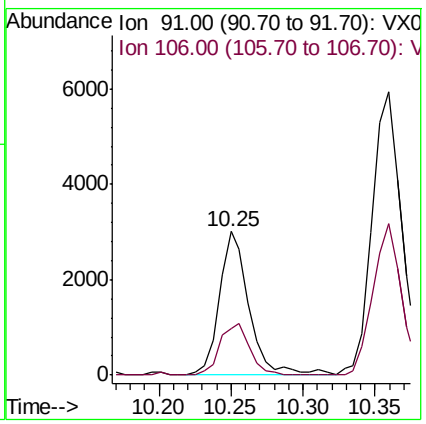


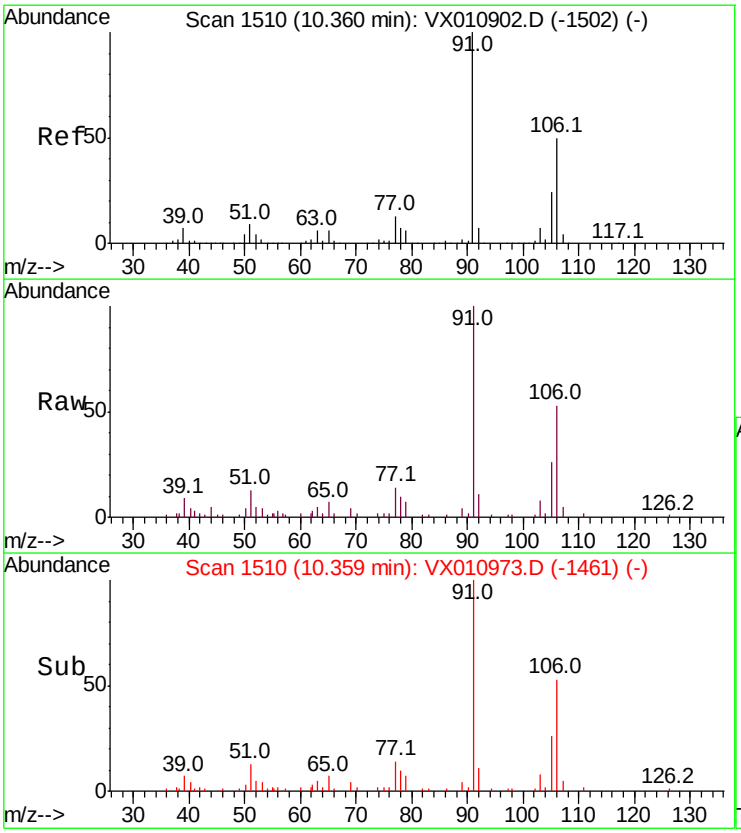
#67
Ethyl Benzene
Concen: 0.350 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX010973.D
Acq: 18 Jul 2019 20:48

Instrument :
MSVOA_X
ClientSampleId :
FL-0621

Tgt Ion: 91 Resp: 4400

Ion	Ratio	Lower	Upper
91	100		
106	32.6	25.4	38.2

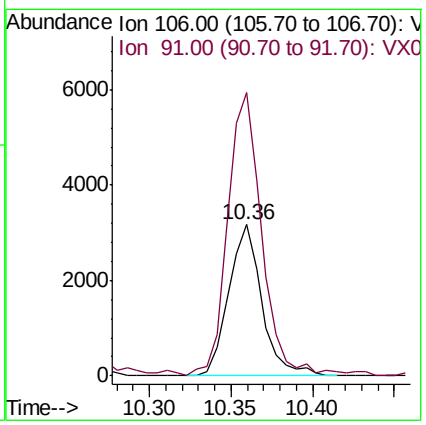


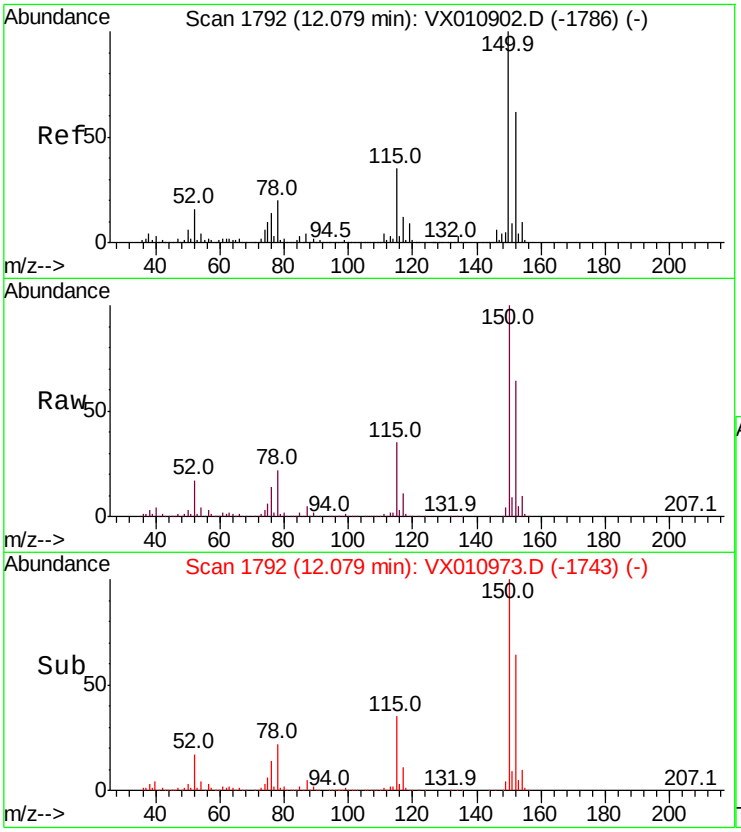


#68
m/p-Xylenes
Concen: 0.928 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX010973.D
Acq: 18 Jul 2019 20:48

Tgt Ion:106 Resp: 4473

Ion	Ratio	Lower	Upper
106	100		
91	193.9	160.1	240.1



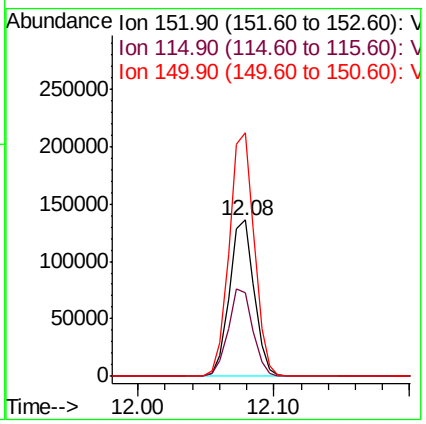


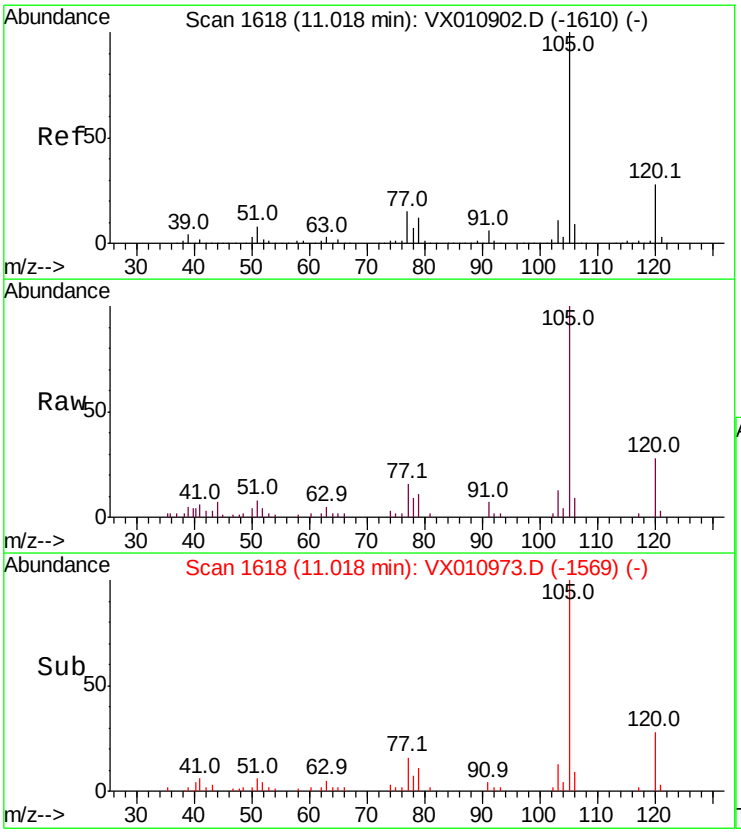
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX010973.D
Acq: 18 Jul 2019 20:48

Instrument :
MSVOA_X
ClientSampleId :
FL-0621

Tgt Ion:152 Resp: 171594

Ion	Ratio	Lower	Upper
152	100		
115	56.0	39.7	119.1
150	157.5	0.0	345.6

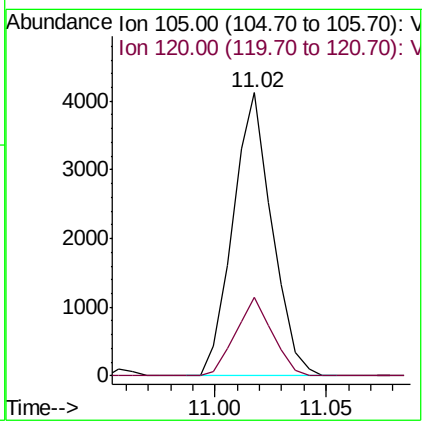


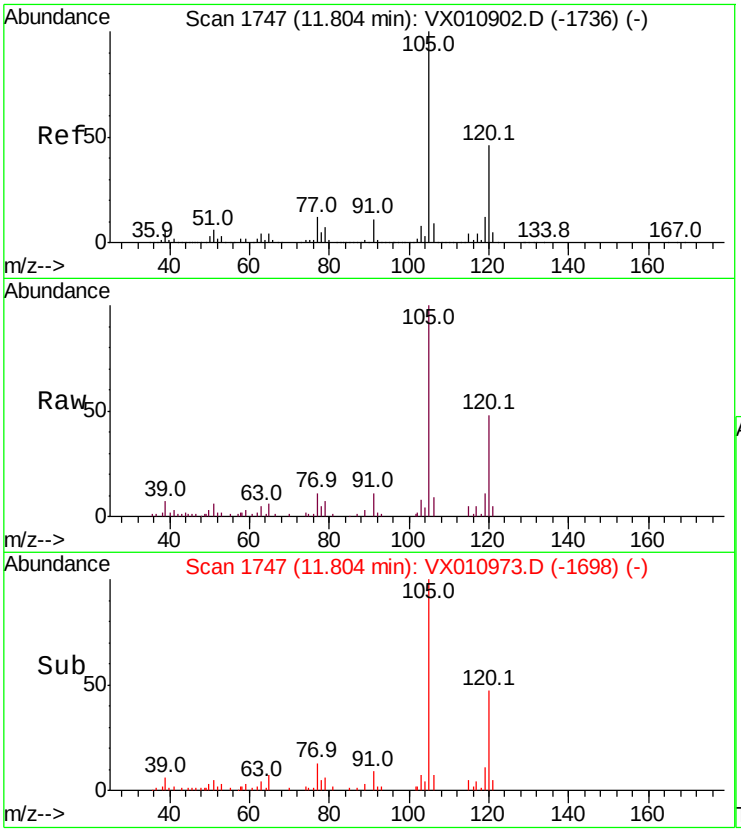


#73
Isopropylbenzene
Concen: 0.434 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX010973.D
Acq: 18 Jul 2019 20:48

Tgt Ion:105 Resp: 5033

Ion	Ratio	Lower	Upper
105	100		
120	26.2	13.7	41.1





#84
1,2,4-Trimethylbenzene
Concen: 1.420 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX010973.D
Acq: 18 Jul 2019 20:48

Instrument :
MSVOA_X
ClientSampleId :
FL-0621

Tgt Ion:105 Resp: 13870

Ion	Ratio	Lower	Upper
105	100		
120	45.1	22.9	68.5