Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092618\
Data File : VX004755.D
Acq On : 27 Sep 2018 05:58
Operator : JC/MD
Sample : J5020-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : T3-MW-2-9.0-091918

Quant Time: Sep 27 07:17:54 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 26 14:17:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.66	168	276459	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	432200	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	419663	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	244725	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	194566	49.27	ug/l		0.00
Spiked Amount 50.000			Recovery = 98.54%				
35) Dibromofluoromethane	5.51	113	169524	46.28	ug/l		0.01
Spiked Amount 50.000			Recovery = 92.56%				
50) Toluene-d8	8.72	98	632223	51.92	ug/l		0.00
Spiked Amount 50.000			Recovery = 103.84%				
62) 4-Bromofluorobenzene	11.14	95	246922	56.28	ug/l		0.00
Spiked Amount 50.000			Recovery = 112.56%				
Target Compounds							Qvalue
16) Acetone	2.45	43	35337	15.326	ug/l		94
19) Methyl tert-butyl Ether	3.21	73	33316	3.224	ug/l	#	88
25) 2-Butanone	4.71	43	2608	0.767	ug/l		93
31) Cyclohexane	5.58	56	32606	6.489	ug/l	#	82
39) Methylcyclohexane	7.46	83	79375	15.554	ug/l		91
40) Benzene	6.14	78	8619	0.551	ug/l		91
52) Toluene	8.79	92	7136	0.830	ug/l		93
67) Ethyl Benzene	10.26	91	18560	1.086	ug/l		98
68) m/p-Xylenes	10.37	106	1916	0.287	ug/l		95
69) o-Xylene	10.70	106	2537	0.414	ug/l		84
73) Isopropylbenzene	11.02	105	655254	42.479	ug/l		99
78) n-propylbenzene	11.36	91	2917581	164.847	ug/l		99
83) tert-Butylbenzene	11.77	119	28313	2.229	ug/l		88
84) 1,2,4-Trimethylbenzene	11.81	105	13163	0.708	ug/l		98
85) sec-Butylbenzene	11.94	105	212522	13.738	ug/l		98
89) n-Butylbenzene	12.39	91	303416	23.838	ug/l	#	53

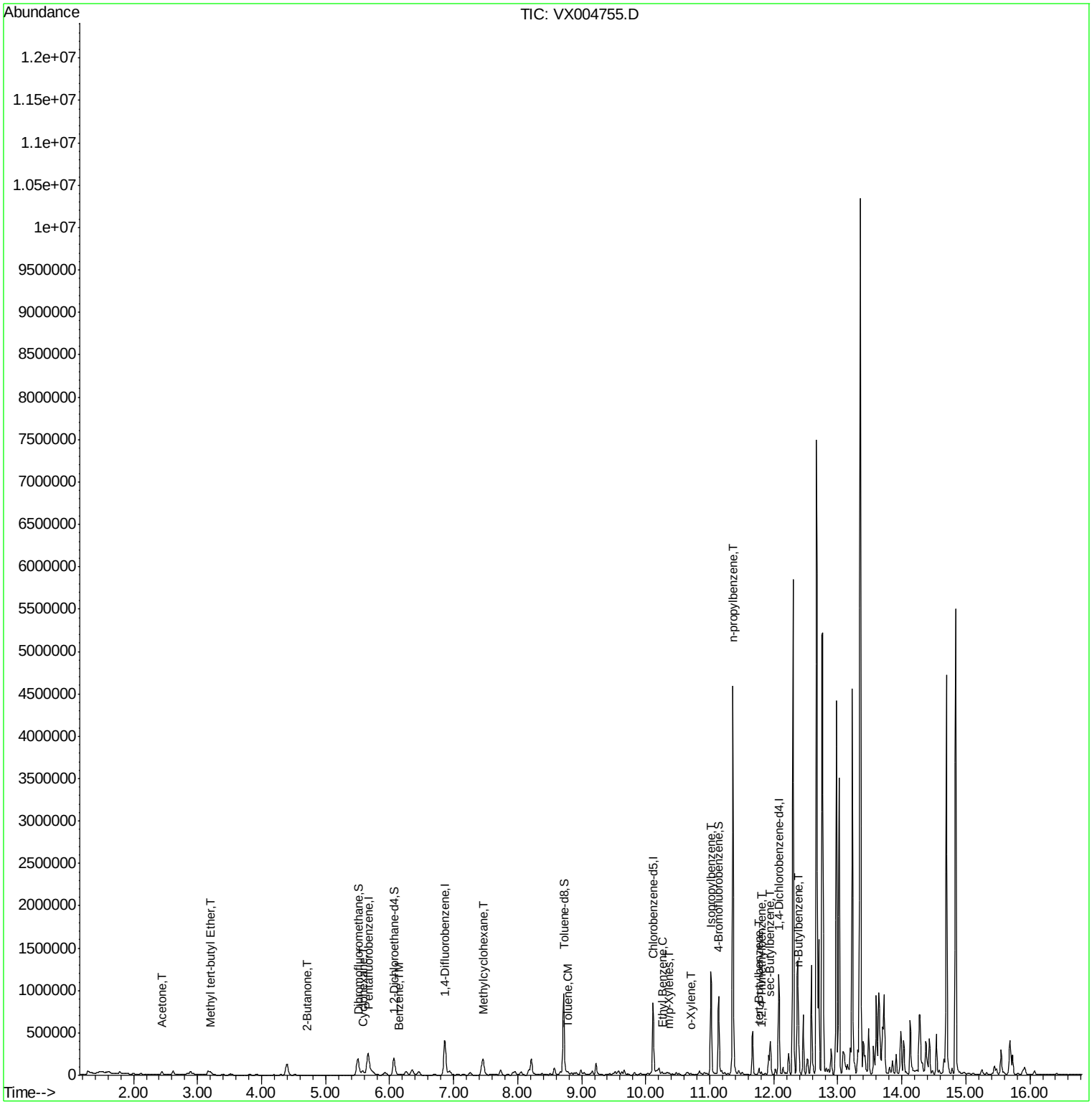
(#) = qualifier out of range (m) = manual integration (+) = signals summed

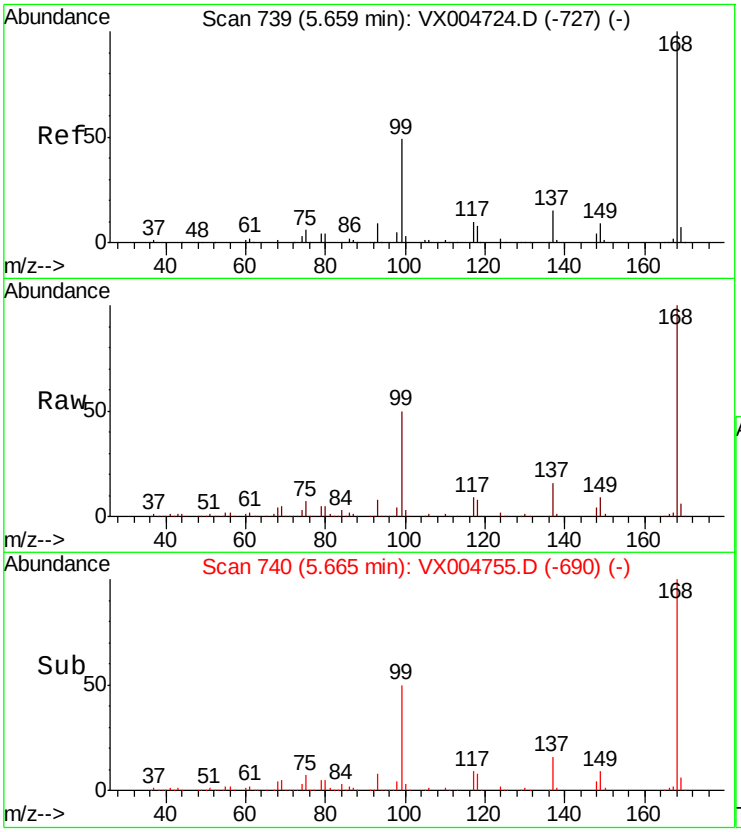
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092618\
Data File : VX004755.D
Acq On : 27 Sep 2018 05:58
Operator : JC/MD
Sample : J5020-05
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
T3-MW-2-9.0-091918

Quant Time: Sep 27 07:17:54 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 26 14:17:02 2018
Response via : Initial Calibration



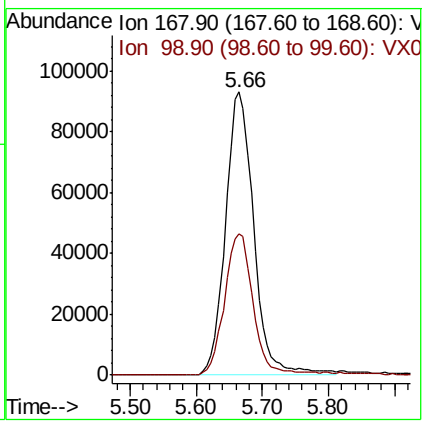


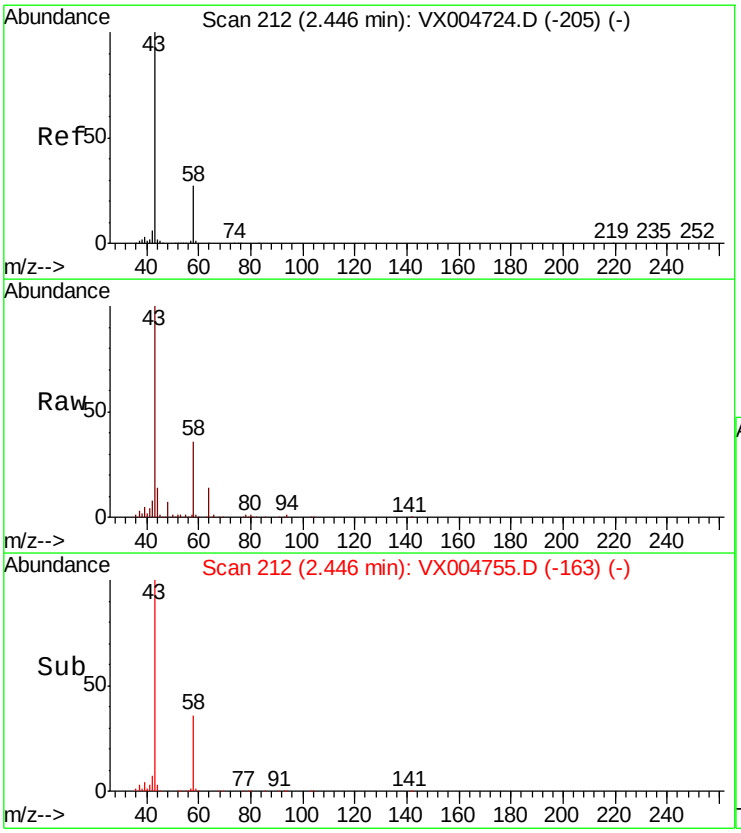
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX004755.D
Acq: 27 Sep 2018 05:58

Instrument :
MSVOA_X
ClientSampleId :
T3-MW-2-9.0-091918

Tgt Ion:168 Resp: 276459

Ion	Ratio	Lower	Upper
168	100		
99	49.7	39.9	59.9

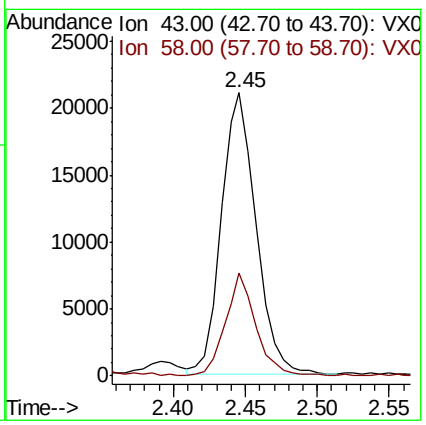


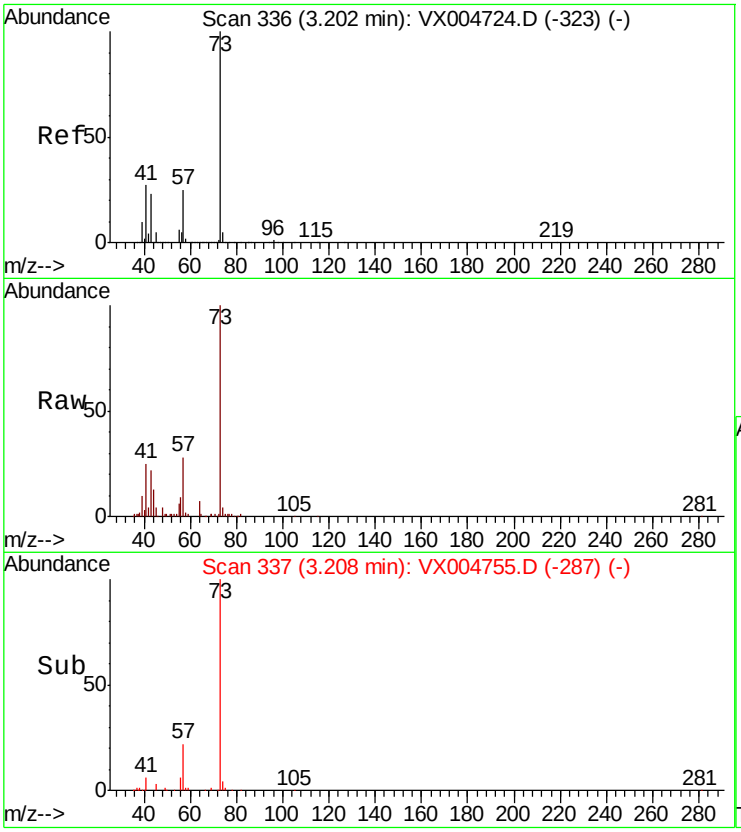


#16
Acetone
Concen: 15.326 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX004755.D
Acq: 27 Sep 2018 05:58

Tgt Ion: 43 Resp: 35337

Ion	Ratio	Lower	Upper
43	100		
58	36.2	26.2	39.4



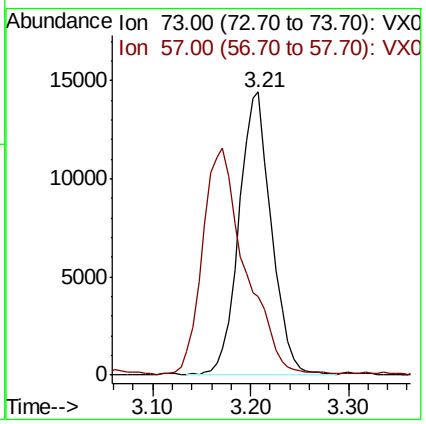


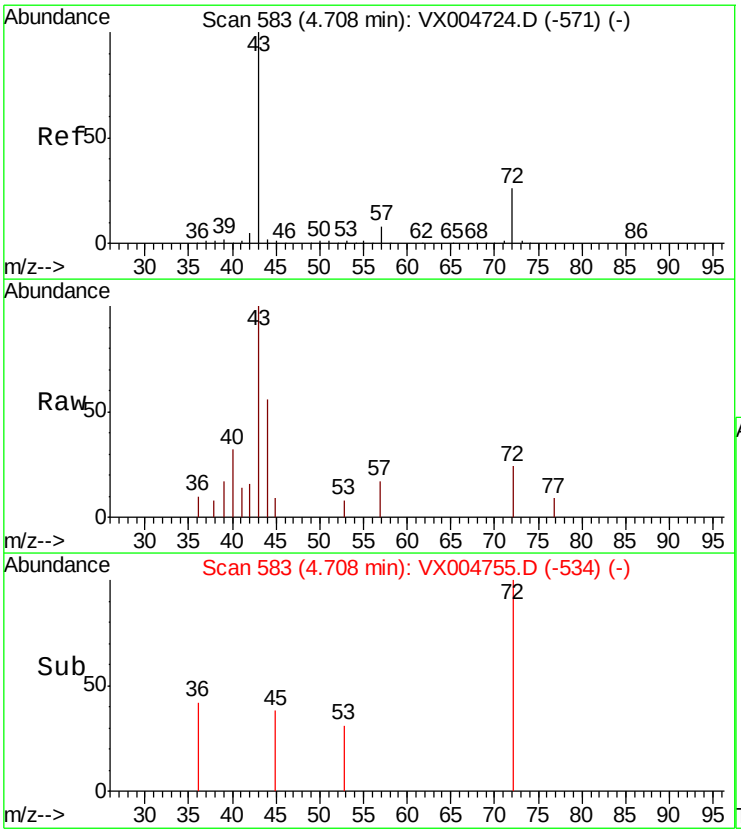
#19
Methyl tert-butyl Ether
Concen: 3.224 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX004755.D
Acq: 27 Sep 2018 05:58

Instrument :
MSVOA_X
ClientSampleId :
T3-MW-2-9.0-091918

Tgt Ion: 73 Resp: 33316

Ion	Ratio	Lower	Upper
73	100		
57	26.9	17.1	25.7#

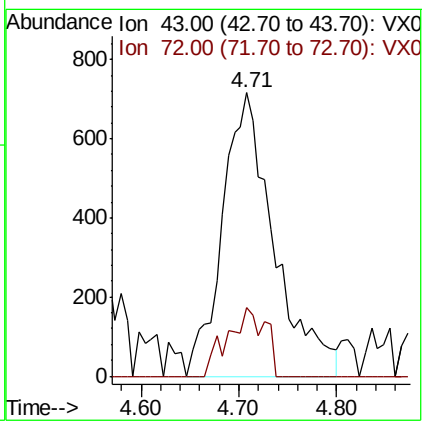


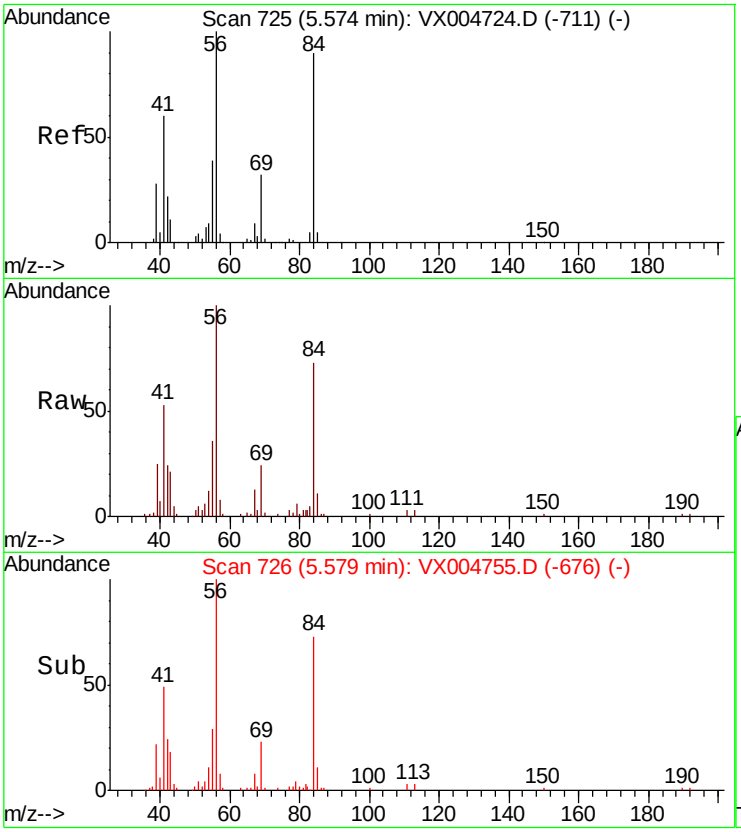


#25
2-Butanone
Concen: 0.767 ug/l
RT: 4.71 min Scan# 583
Delta R.T. -0.00 min
Lab File: VX004755.D
Acq: 27 Sep 2018 05:58

Tgt Ion: 43 Resp: 2608

Ion	Ratio	Lower	Upper
43	100		
72	24.0	22.0	33.0



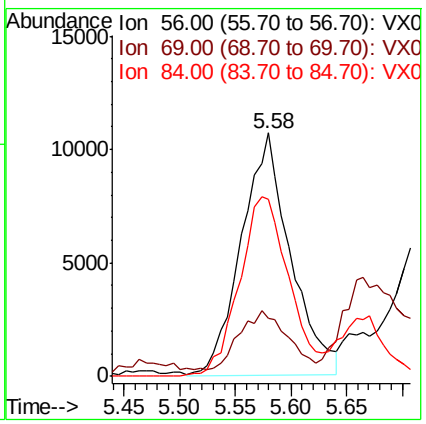


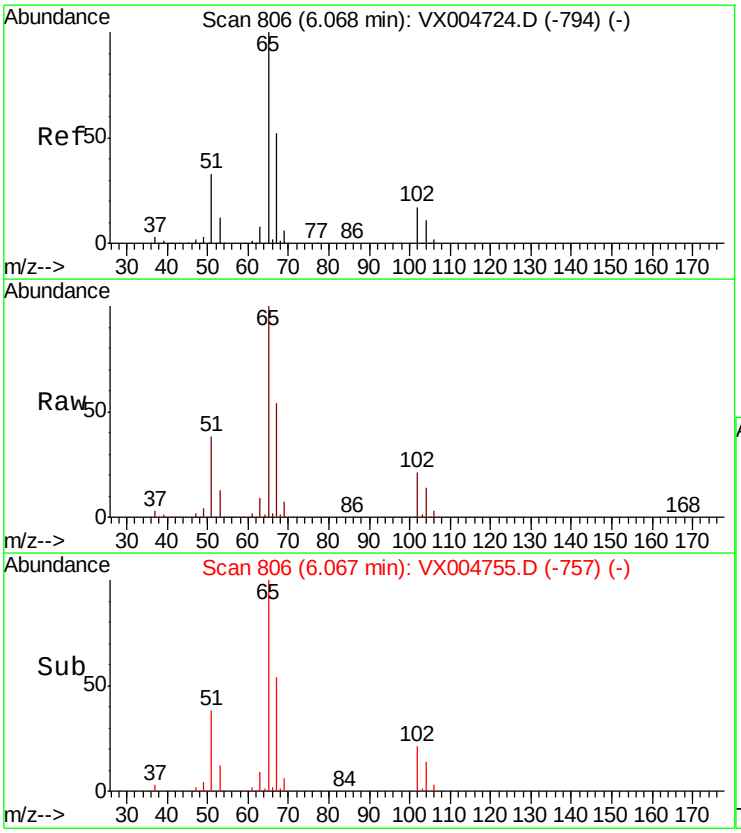
#31
Cyclohexane
Concen: 6.489 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX004755.D
Acq: 27 Sep 2018 05:58

Instrument :
MSVOA_X
ClientSampleId :
T3-MW-2-9.0-091918

Tgt Ion: 56 Resp: 32606

Ion	Ratio	Lower	Upper
56	100		
69	20.7	25.4	38.2#
84	73.0	71.4	107.2

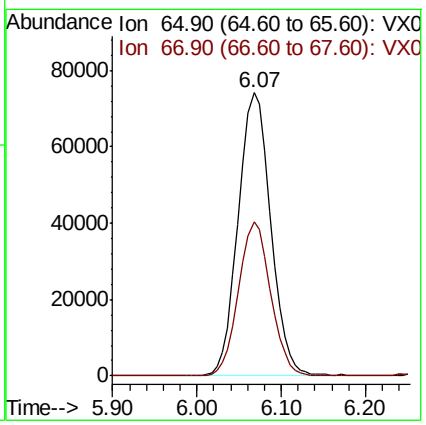


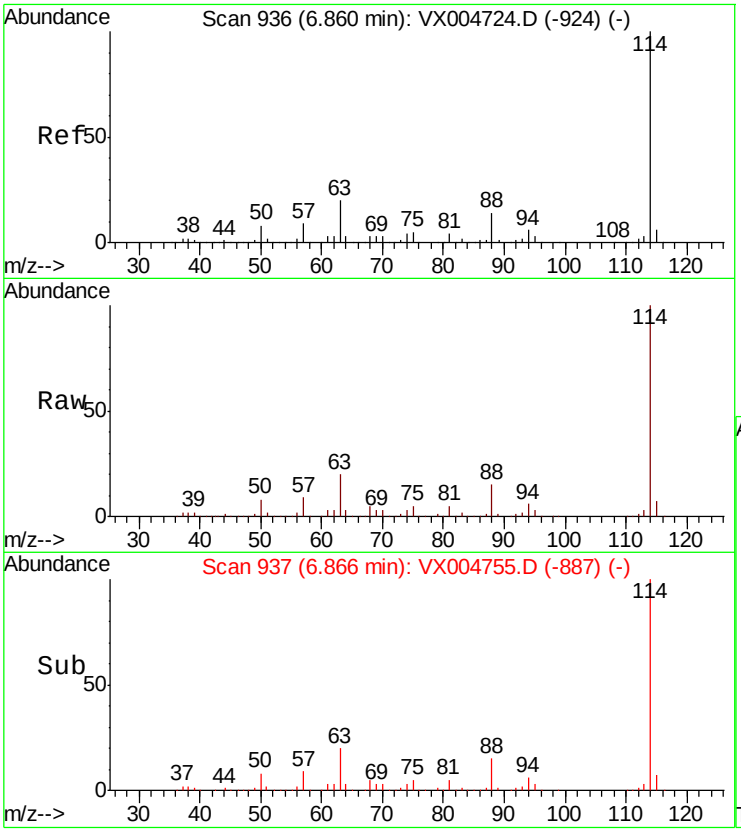


#33
1,2-Dichloroethane-d4
Concen: 49.267 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX004755.D
Acq: 27 Sep 2018 05:58

Tgt Ion: 65 Resp: 194566

Ion	Ratio	Lower	Upper
65	100		
67	53.5	0.0	106.8



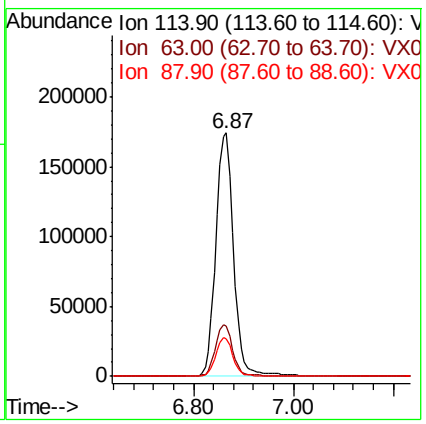


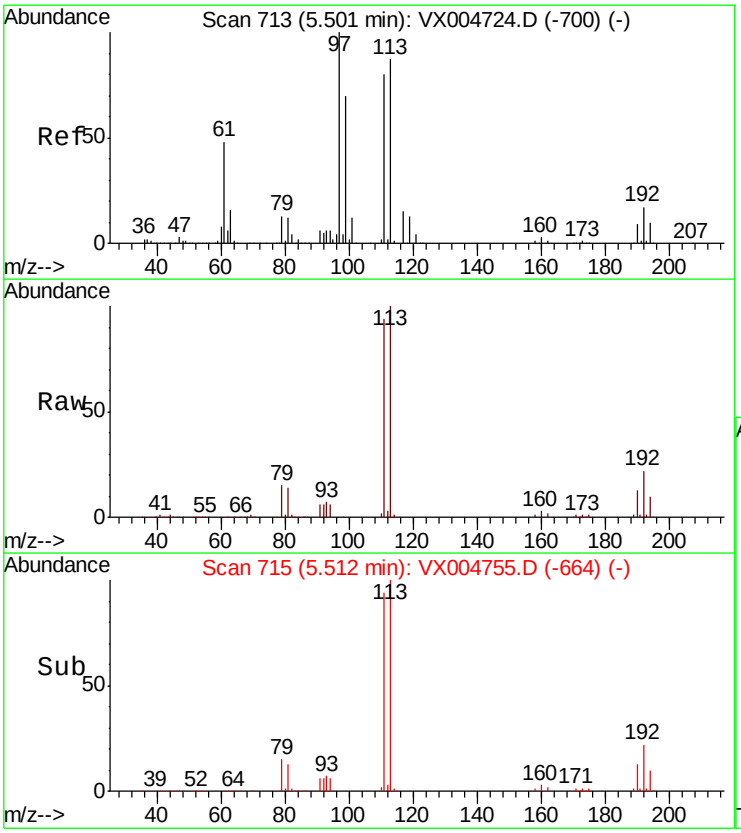
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.87 min Scan# 937
Delta R.T. 0.01 min
Lab File: VX004755.D
Acq: 27 Sep 2018 05:58

Instrument :
MSVOA_X
ClientSampleId :
T3-MW-2-9.0-091918

Tgt Ion:114 Resp: 432200

Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	39.0
88	15.2	0.0	30.4

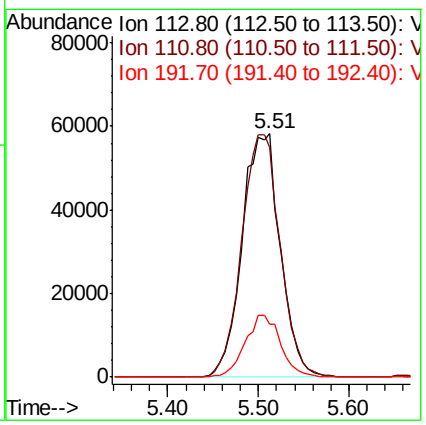


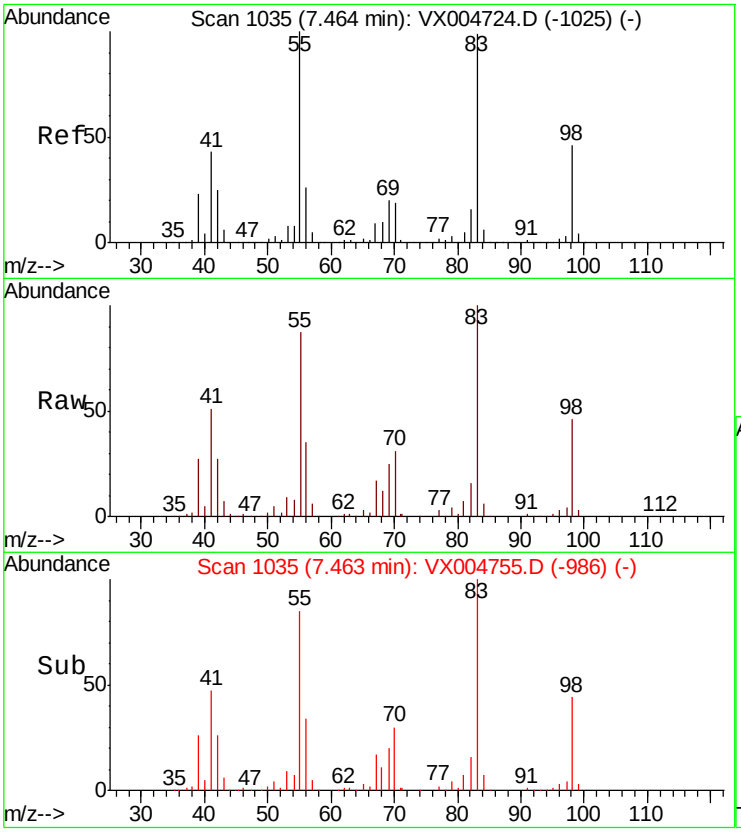


#35
Dibromofluoromethane
Concen: 46.281 ug/l
RT: 5.51 min Scan# 715
Delta R.T. 0.01 min
Lab File: VX004755.D
Acq: 27 Sep 2018 05:58

Tgt Ion:113 Resp: 169524

Ion	Ratio	Lower	Upper
113	100		
111	100.3	82.4	123.6
192	23.6	19.4	29.2



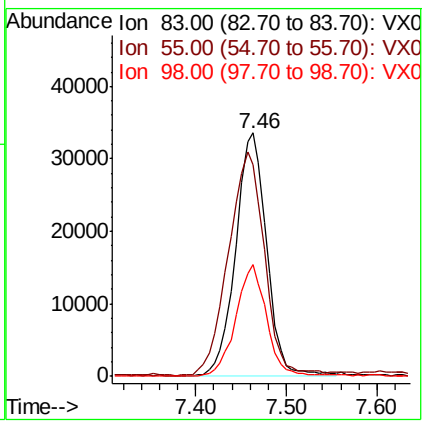


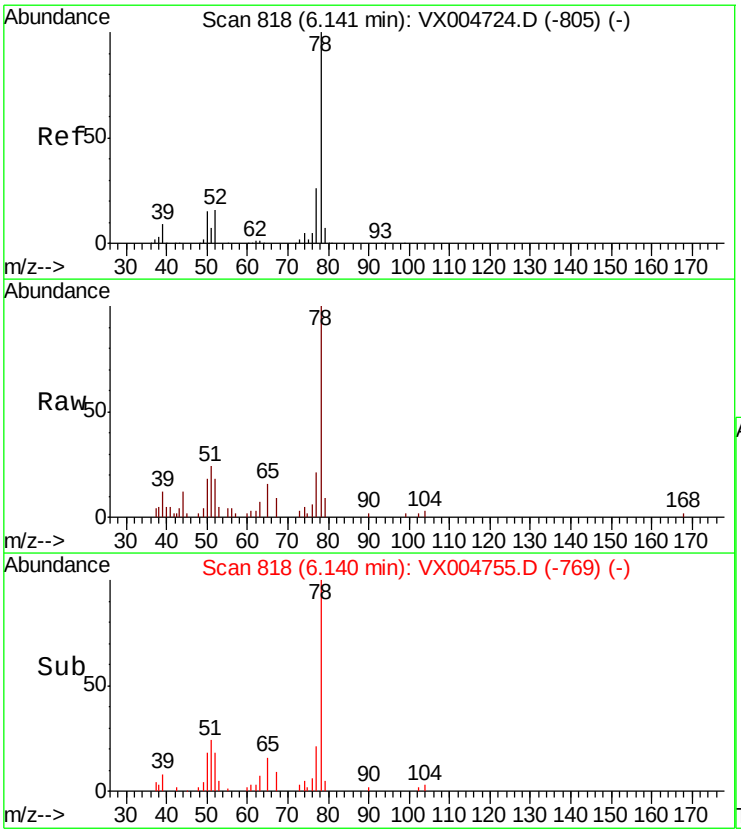
#39
Methylcyclohexane
Concen: 15.554 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX004755.D
Acq: 27 Sep 2018 05:58

Instrument :
MSVOA_X
ClientSampleId :
T3-MW-2-9.0-091918

Tgt Ion: 83 Resp: 79375

Ion	Ratio	Lower	Upper
83	100		
55	86.4	61.0	91.4
98	46.0	39.6	59.4

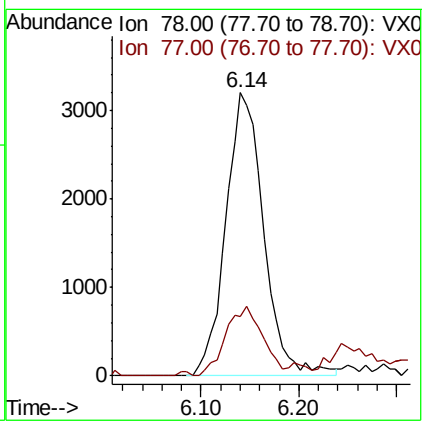


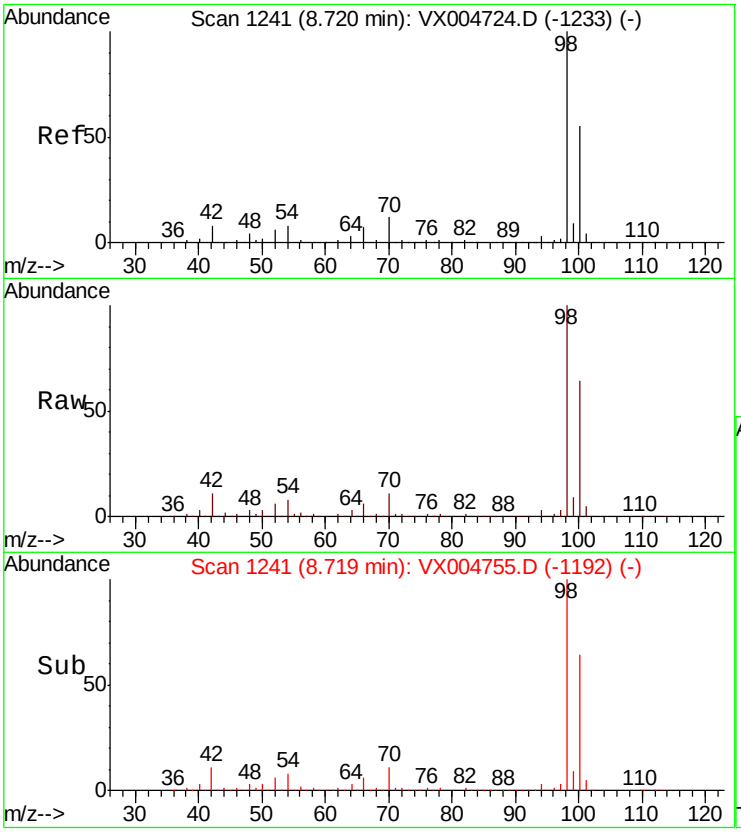


#40
Benzene
Concen: 0.551 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX004755.D
Acq: 27 Sep 2018 05:58

Tgt Ion: 78 Resp: 8619

Ion	Ratio	Lower	Upper
78	100		
77	19.3	19.0	28.4



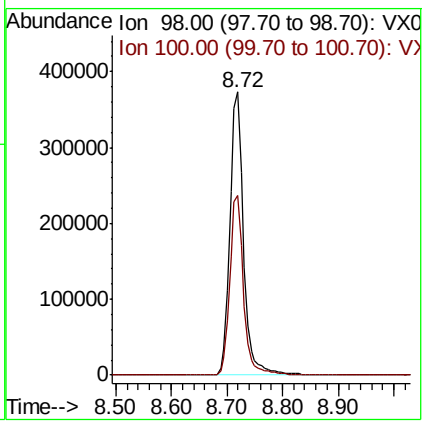


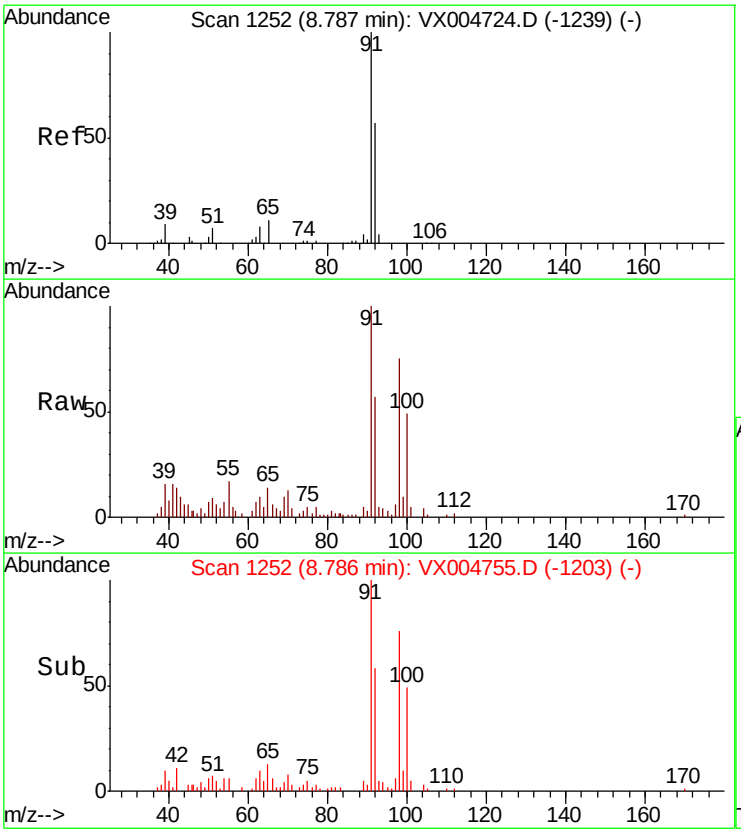
#50
Toluene-d8
Concen: 51.918 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VX004755.D
Acq: 27 Sep 2018 05:58

Instrument :
MSVOA_X
ClientSampleId :
T3-MW-2-9.0-091918

Tgt Ion: 98 Resp: 632223

Ion	Ratio	Lower	Upper
98	100		
100	64.0	52.9	79.3

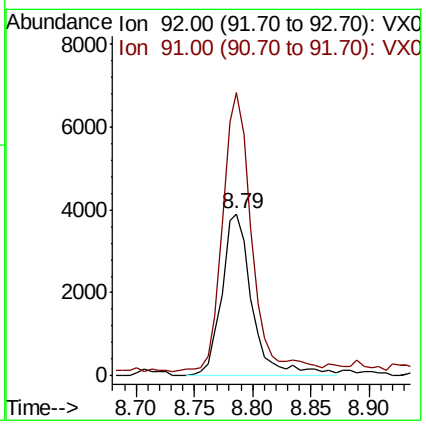


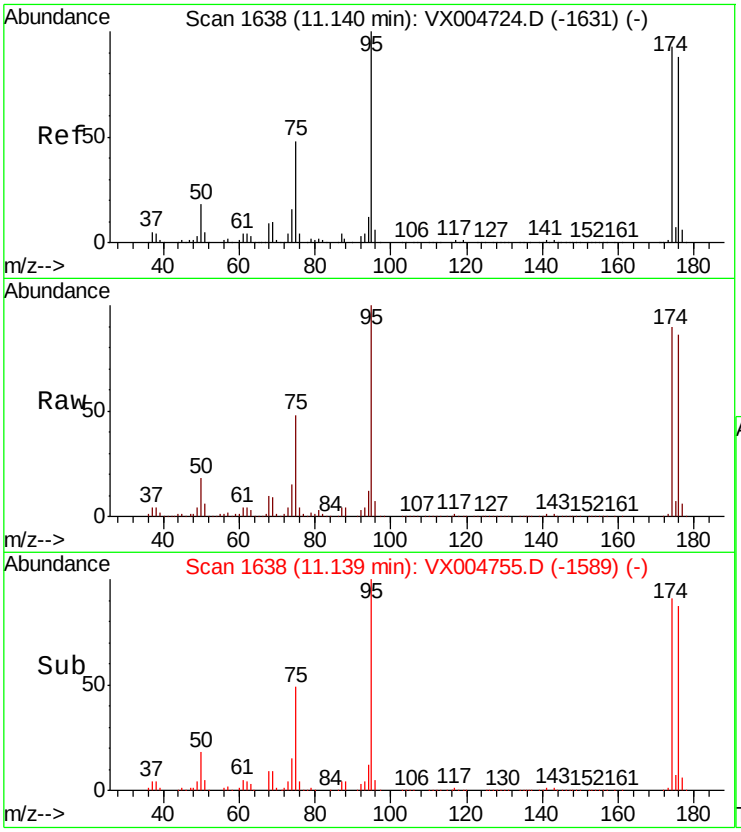


#52
Toluene
Concen: 0.830 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX004755.D
Acq: 27 Sep 2018 05:58

Tgt Ion: 92 Resp: 7136

Ion	Ratio	Lower	Upper
92	100		
91	160.9	136.4	204.6



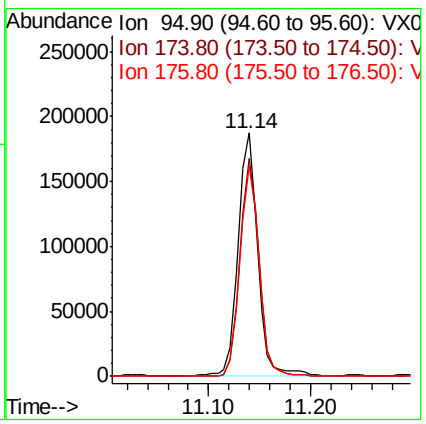


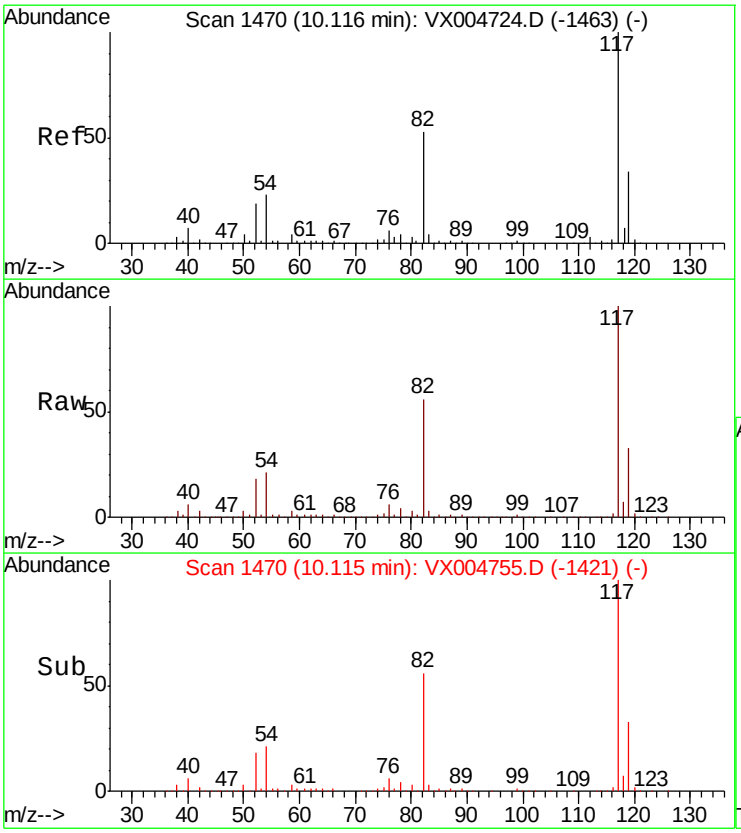
#62
4-Bromofluorobenzene
Concen: 56.285 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX004755.D
Acq: 27 Sep 2018 05:58

Instrument :
MSVOA_X
ClientSampleId :
T3-MW-2-9.0-091918

Tgt Ion: 95 Resp: 246922

Ion	Ratio	Lower	Upper
95	100		
174	87.8	0.0	185.2
176	85.0	0.0	178.6

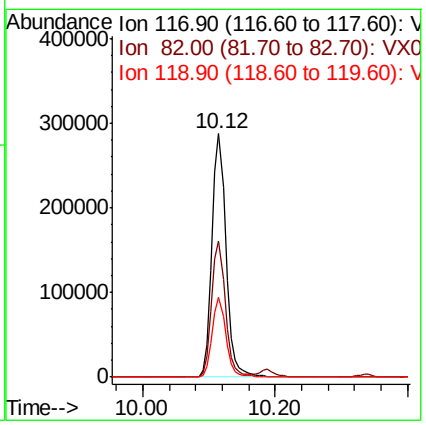


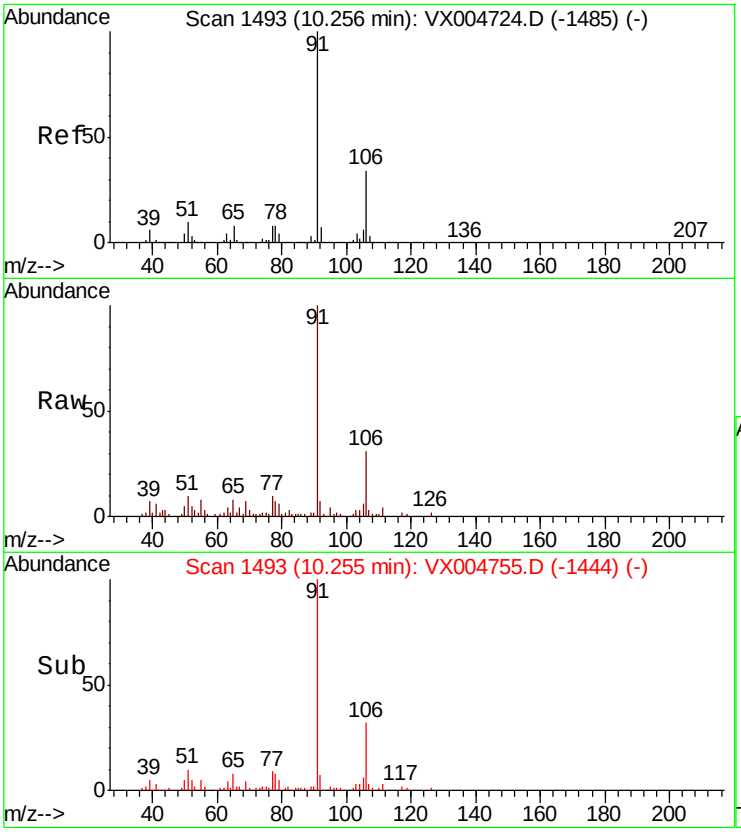


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004755.D
Acq: 27 Sep 2018 05:58

Tgt Ion:117 Resp: 419663

Ion	Ratio	Lower	Upper
117	100		
82	55.7	47.8	71.6
119	32.7	29.3	43.9



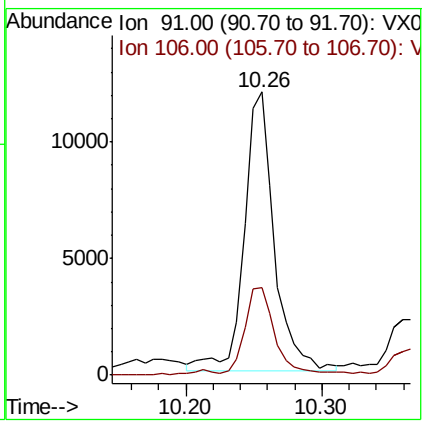


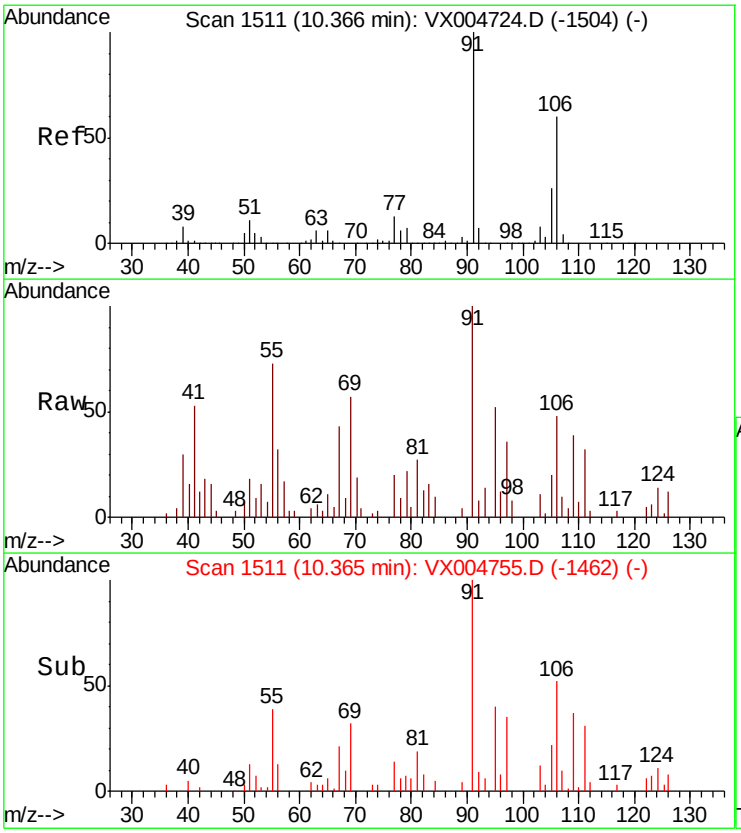
#67
Ethyl Benzene
Concen: 1.086 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VX004755.D
Acq: 27 Sep 2018 05:58

Instrument : MSVOA_X
ClientSampleId : T3-MW-2-9.0-091918

Tgt Ion: 91 Resp: 18560

Ion	Ratio	Lower	Upper
91	100		
106	31.4	25.9	38.9

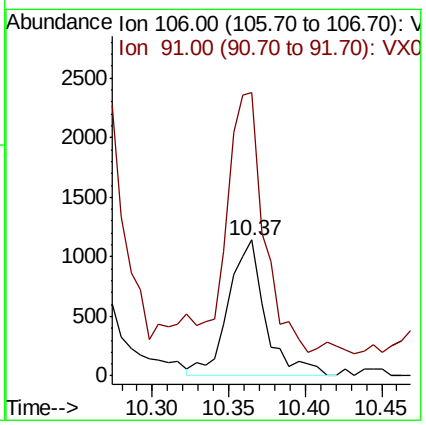


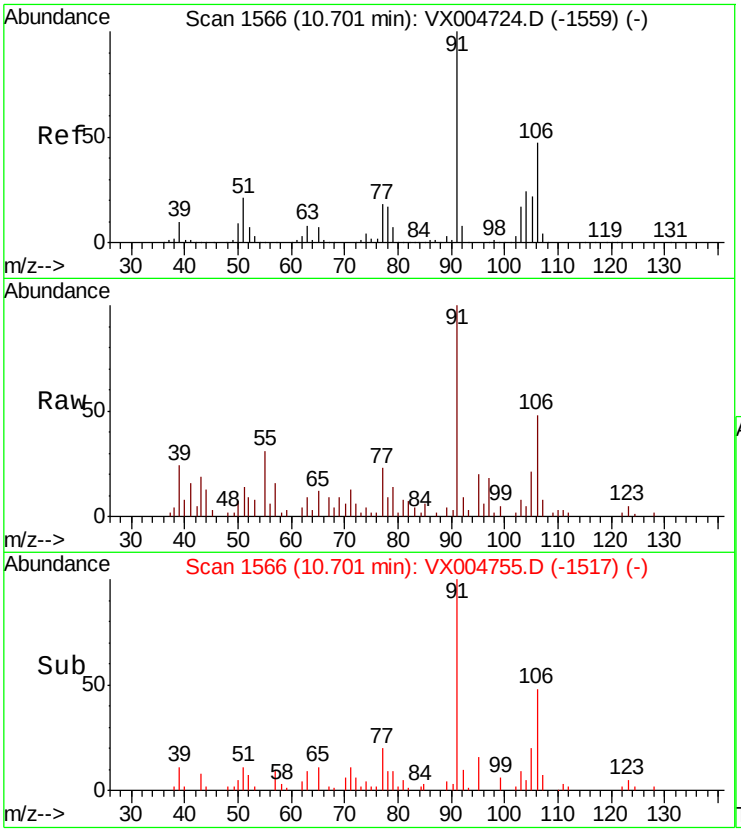


#68
m/p-Xylenes
Concen: 0.287 ug/l
RT: 10.37 min Scan# 1511
Delta R.T. -0.00 min
Lab File: VX004755.D
Acq: 27 Sep 2018 05:58

Tgt Ion:106 Resp: 1916

Ion	Ratio	Lower	Upper
106	100		
91	188.6	157.1	235.7



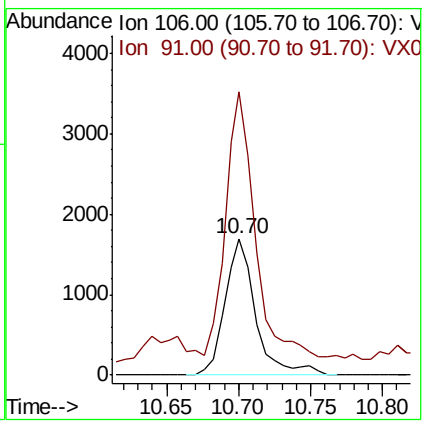


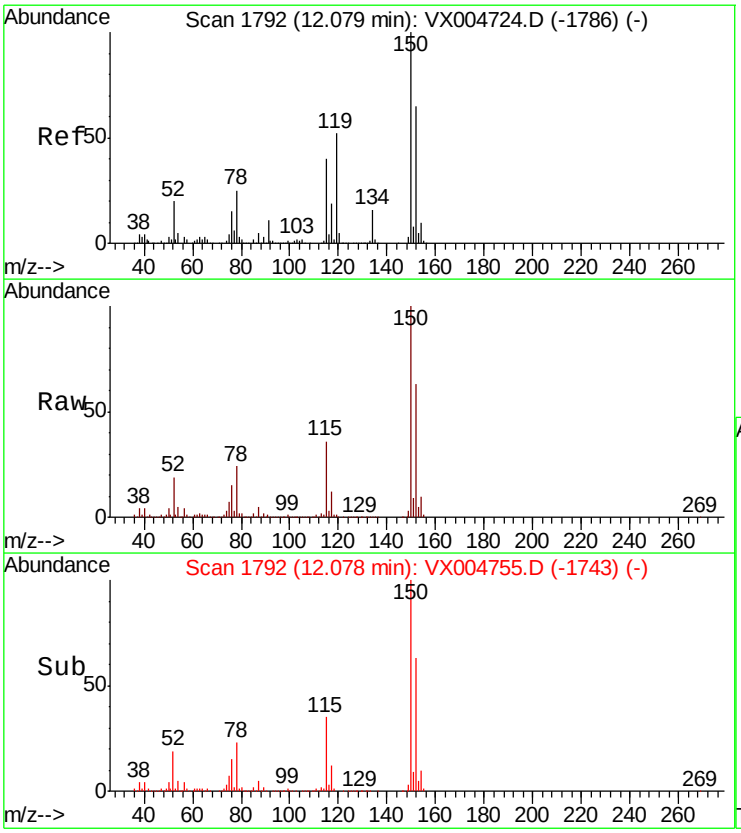
#69
o-Xylene
Concen: 0.414 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX004755.D
Acq: 27 Sep 2018 05:58

Instrument :
MSVOA_X
ClientSampleId :
T3-MW-2-9.0-091918

Tgt Ion:106 Resp: 2537

Ion	Ratio	Lower	Upper
106	100		
91	185.1	105.1	315.1

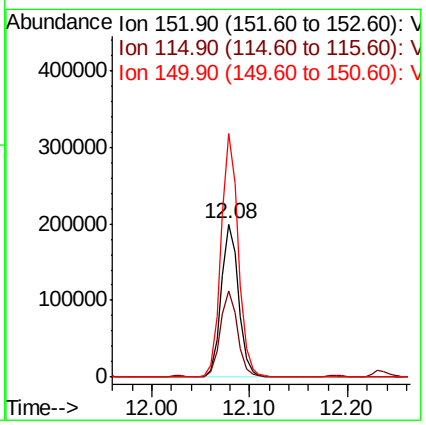


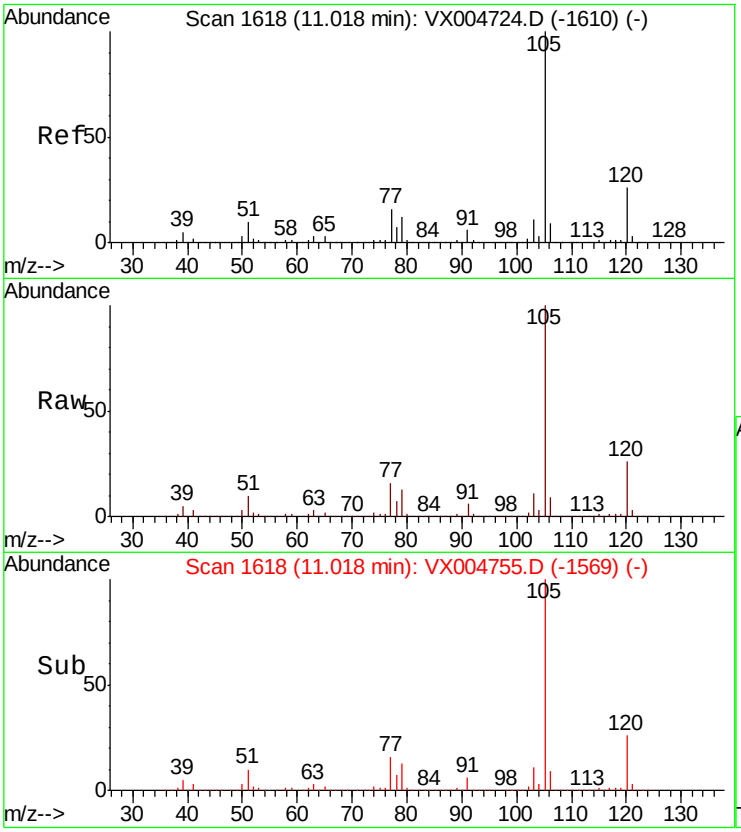


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX004755.D
Acq: 27 Sep 2018 05:58

Tgt Ion:152 Resp: 244725

Ion	Ratio	Lower	Upper
152	100		
115	55.8	39.0	117.0
150	157.5	0.0	351.0



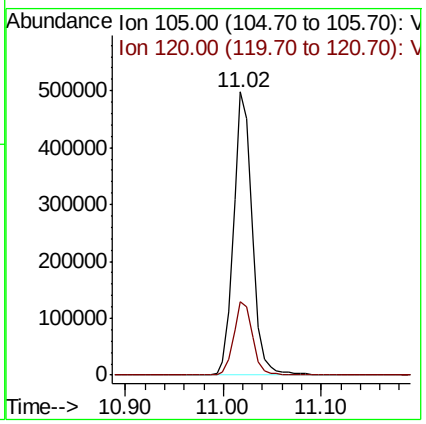


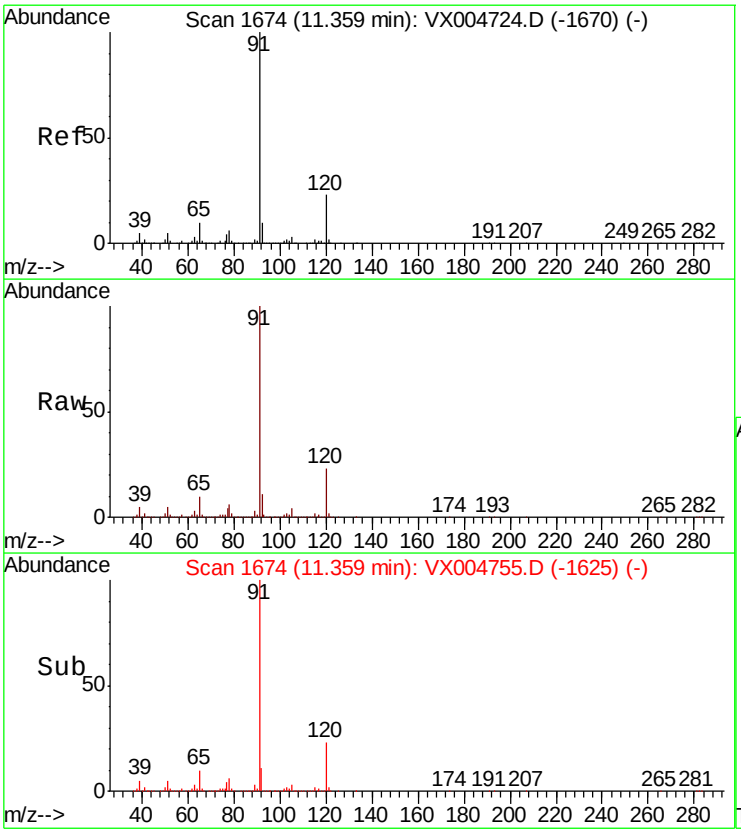
#73
Isopropylbenzene
Concen: 42.479 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX004755.D
Acq: 27 Sep 2018 05:58

Instrument :
MSVOA_X
ClientSampleId :
T3-MW-2-9.0-091918

Tgt Ion:105 Resp: 655254

Ion	Ratio	Lower	Upper
105	100		
120	26.6	13.5	40.4

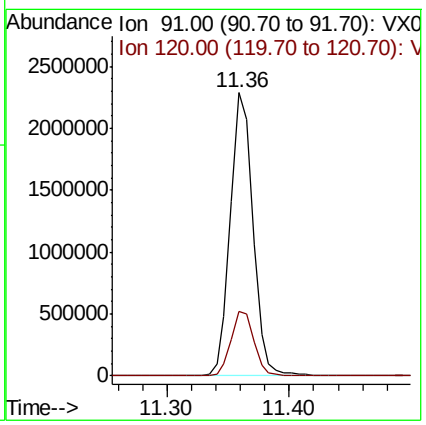


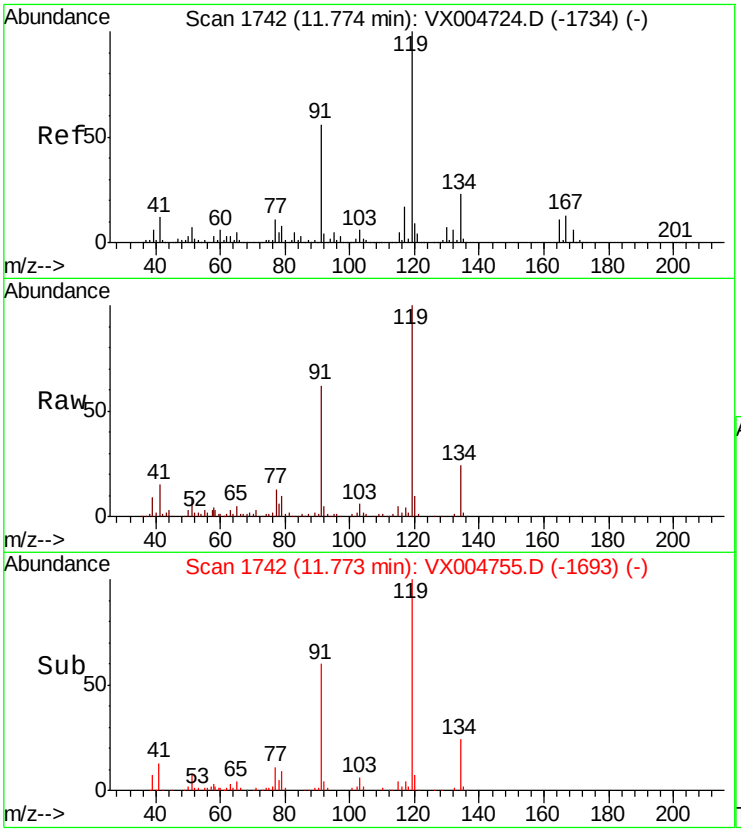


#78
n-propylbenzene
Concen: 164.847 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VX004755.D
Acq: 27 Sep 2018 05:58

Tgt Ion: 91 Resp: 2917581

Ion	Ratio	Lower	Upper
91	100		
120	23.2	11.9	35.9



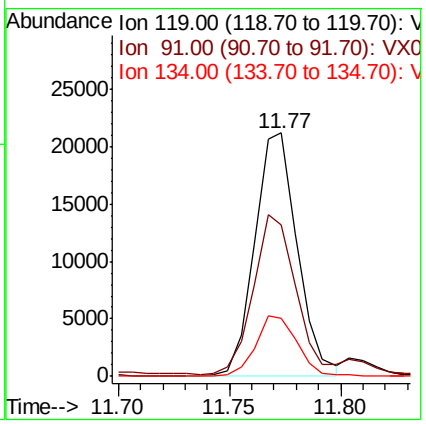


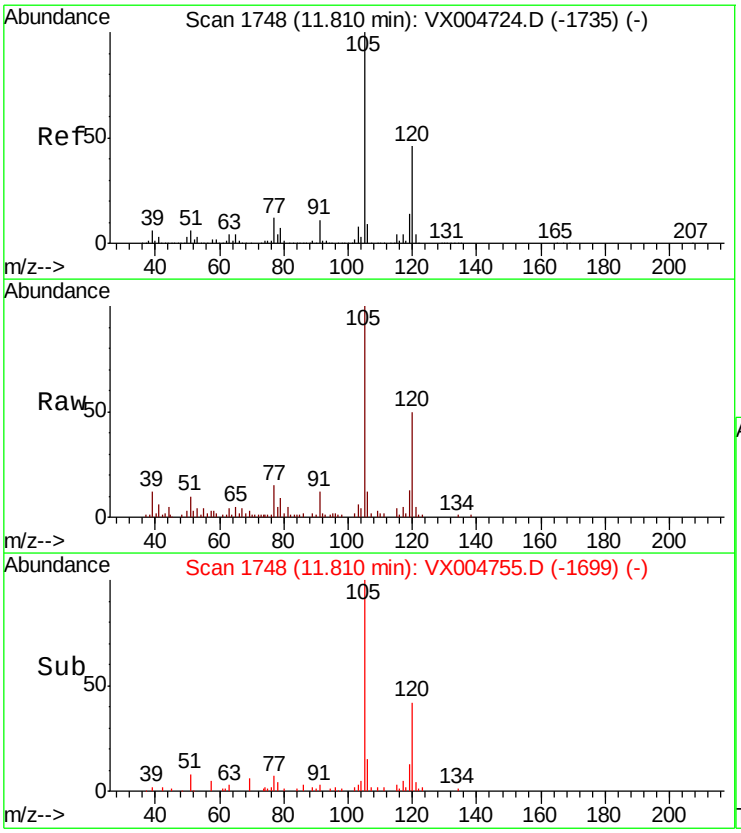
#83
tert-Butylbenzene
Concen: 2.229 ug/l
RT: 11.77 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX004755.D
Acq: 27 Sep 2018 05:58

Instrument :
MSVOA_X
ClientSampleId :
T3-MW-2-9.0-091918

Tgt Ion:119 Resp: 28313

Ion	Ratio	Lower	Upper
119	100		
91	66.1	27.0	81.0
134	24.1	11.7	35.1

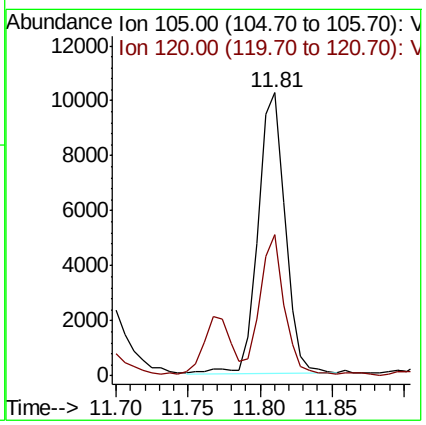


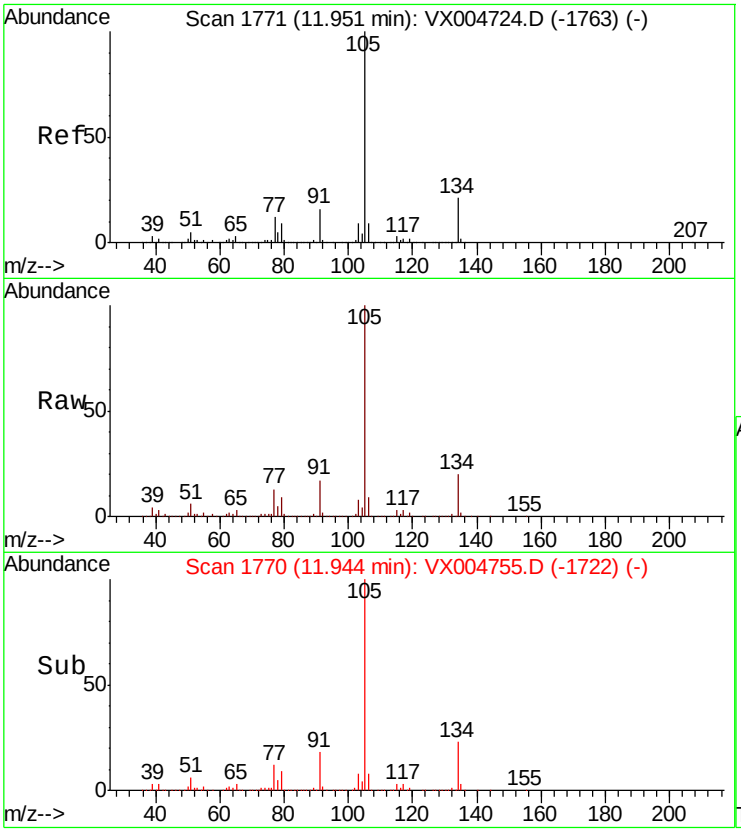


#84
1,2,4-Trimethylbenzene
Concen: 0.708 ug/l
RT: 11.81 min Scan# 1748
Delta R.T. 0.00 min
Lab File: VX004755.D
Acq: 27 Sep 2018 05:58

Tgt Ion:105 Resp: 13163

Ion	Ratio	Lower	Upper
105	100		
120	44.9	23.2	69.6



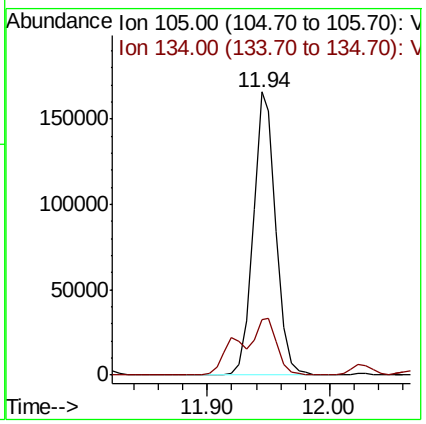


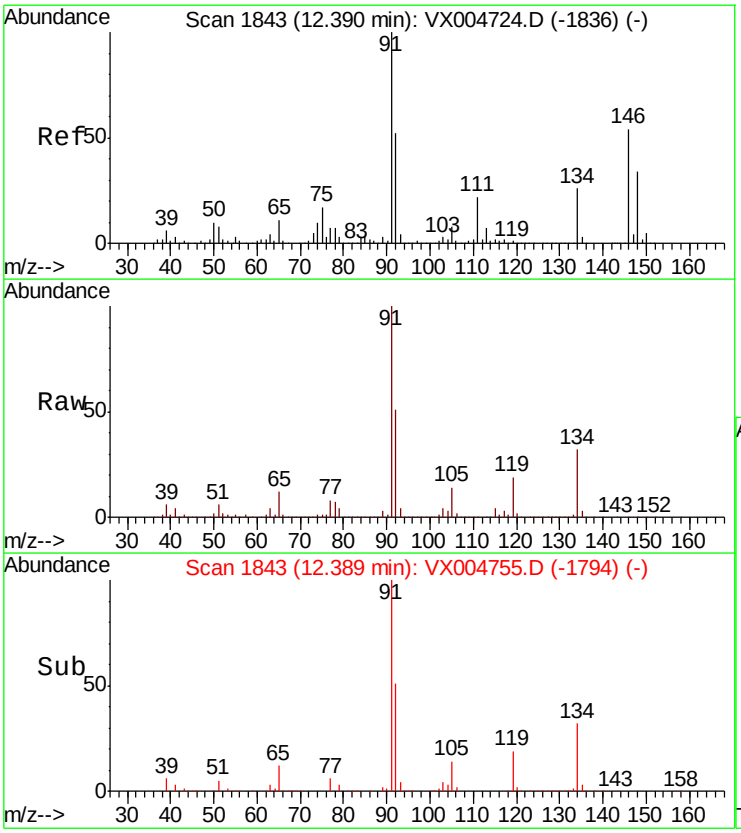
#85
sec-Butylbenzene
Concen: 13.738 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. -0.01 min
Lab File: VX004755.D
Acq: 27 Sep 2018 05:58

Instrument :
MSVOA_X
ClientSampleId :
T3-MW-2-9.0-091918

Tgt Ion:105 Resp: 212522

Ion	Ratio	Lower	Upper
105	100		
134	19.9	10.5	31.5





#89
n-Butylbenzene
Concen: 23.838 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX004755.D
Acq: 27 Sep 2018 05:58

Tgt Ion: 91 Resp: 303416

Ion	Ratio	Lower	Upper
91	100		
92	38.9	27.3	81.9
134	77.6	13.6	40.7#