Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX031619\
Data File : VX008152.D
Acq On : 16 Mar 2019 20:14
Operator : JC/SP
Sample : K1960-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : T2-MW-5-8.0-031419

Quant Time: Mar 18 03:21:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031419W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 15 03:56:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.67	168	319443	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.86	114	432806	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	371684	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	179565	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	138607	43.01	ug/l		0.00
Spiked Amount 50.000			Recovery = 86.02%				
35) Dibromofluoromethane	5.51	113	127849	46.58	ug/l		0.00
Spiked Amount 50.000			Recovery = 93.16%				
50) Toluene-d8	8.71	98	493681	47.29	ug/l		0.00
Spiked Amount 50.000			Recovery = 94.58%				
62) 4-Bromofluorobenzene	11.13	95	168899	45.17	ug/l		0.00
Spiked Amount 50.000			Recovery = 90.34%				
Target Compounds							Qvalue
16) Acetone	2.45	43	52733	34.664	ug/l		97
18) Methyl Acetate	2.78	43	4302	1.308	ug/l		92
20) Methylene Chloride	2.86	84	3317	1.221	ug/l		89
25) 2-Butanone	4.70	43	19590	8.389	ug/l		95
51) 4-Methyl-2-Pentanone	8.65	43	6508	1.602	ug/l		98
52) Toluene	8.79	92	2535	0.366	ug/l		99
67) Ethyl Benzene	10.25	91	5514	0.452	ug/l		96
68) m/p-Xylenes	10.35	106	8388	1.796	ug/l		97
69) o-Xylene	10.70	106	5700	1.252	ug/l		96
73) Isopropylbenzene	11.02	105	4350	0.378	ug/l		99
78) n-propylbenzene	11.36	91	13954	1.106	ug/l		99
80) 1,3,5-Trimethylbenzene	11.51	105	15051	1.588	ug/l		97
84) 1,2,4-Trimethylbenzene	11.80	105	62324	6.376	ug/l		100
85) sec-Butylbenzene	11.94	105	5620	0.497	ug/l		85
86) p-Isopropyltoluene	12.06	119	4508	0.441	ug/l		90
89) n-Butylbenzene	12.38	91	12634	1.475	ug/l	#	24
95) Naphthalene	13.83	128	47937	4.342	ug/l	#	95

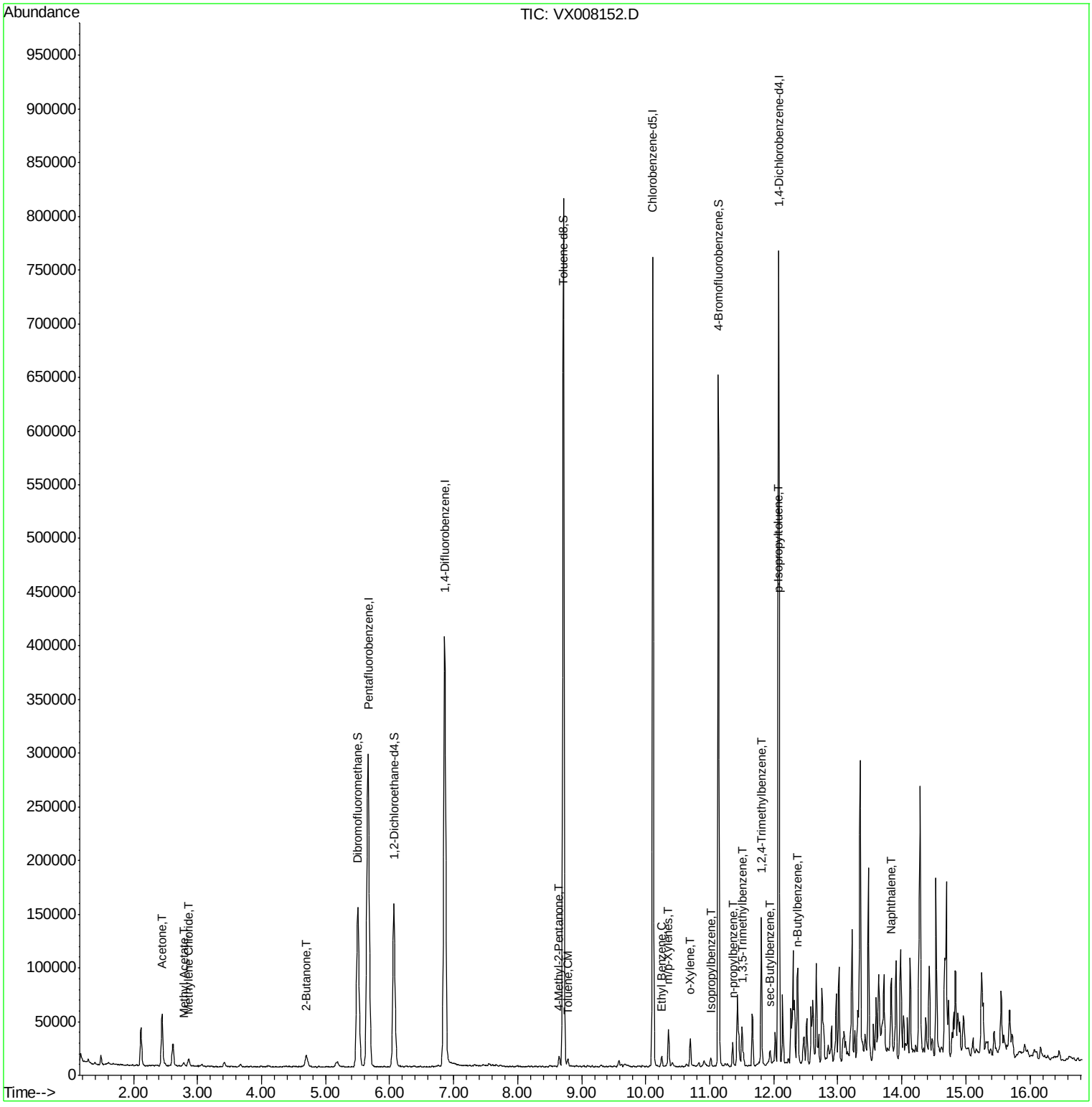
(#) = qualifier out of range (m) = manual integration (+) = signals summed

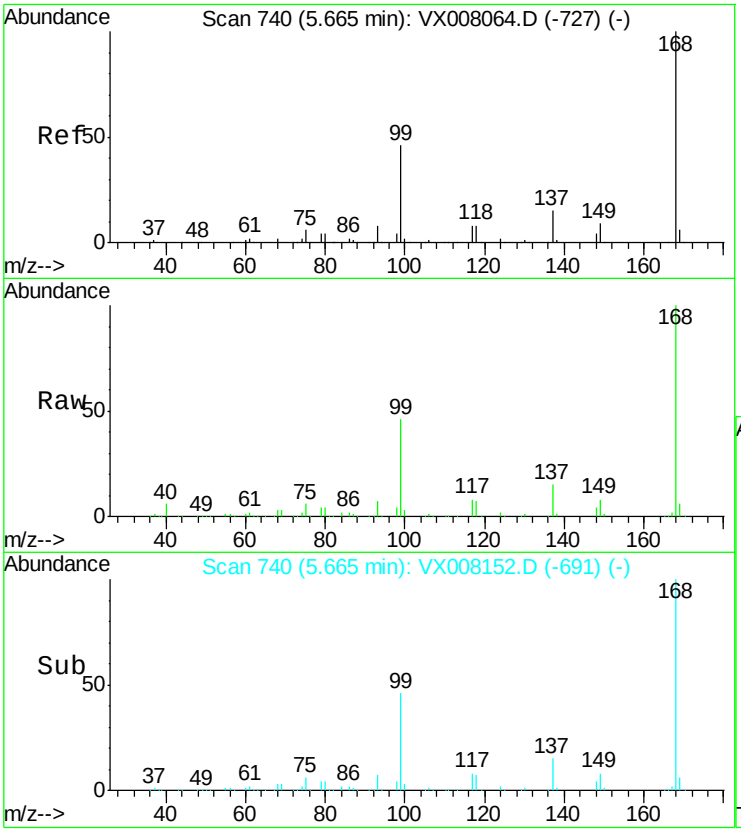
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX031619\
Data File : VX008152.D
Acq On : 16 Mar 2019 20:14
Operator : JC/SP
Sample : K1960-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
T2-MW-5-8.0-031419

Quant Time: Mar 18 03:21:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031419W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 15 03:56:35 2019
Response via : Initial Calibration



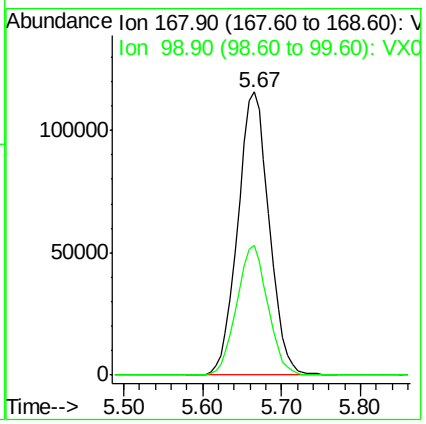


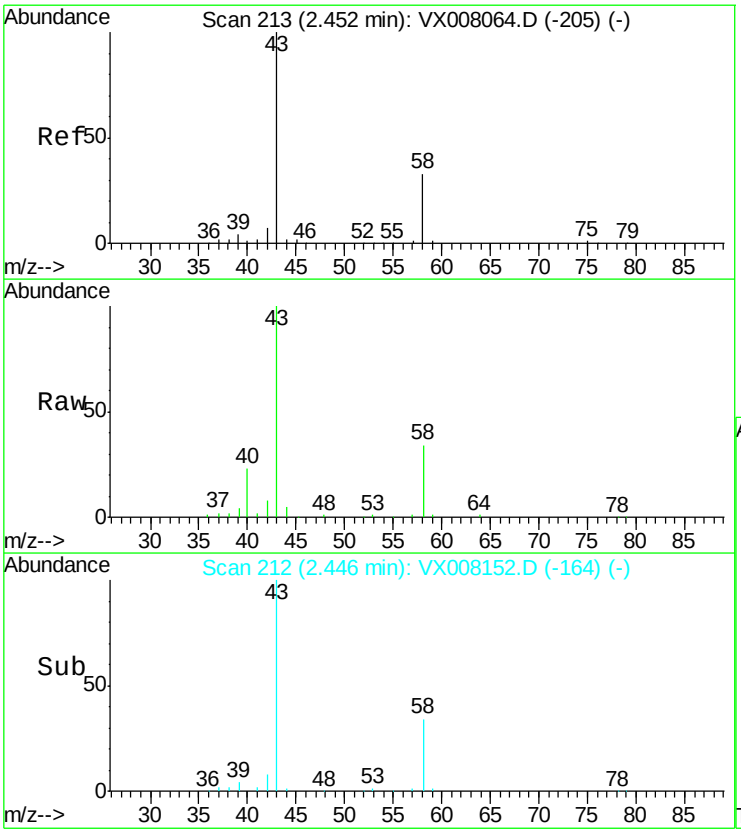
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.00 min
Lab File: VX008152.D
Acq: 16 Mar 2019 20:14

Instrument :
MSVOA_X
ClientSampleId :
T2-MW-5-8.0-031419

Tgt Ion:168 Resp: 319443

Ion	Ratio	Lower	Upper
168	100		
99	46.0	37.6	56.4

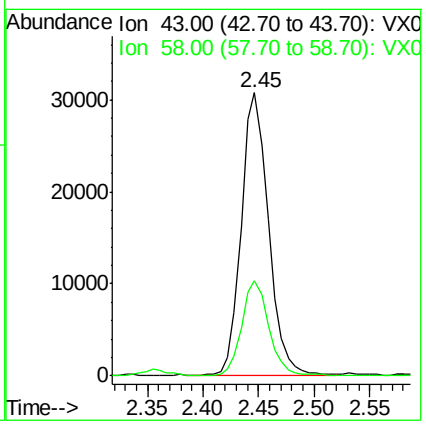


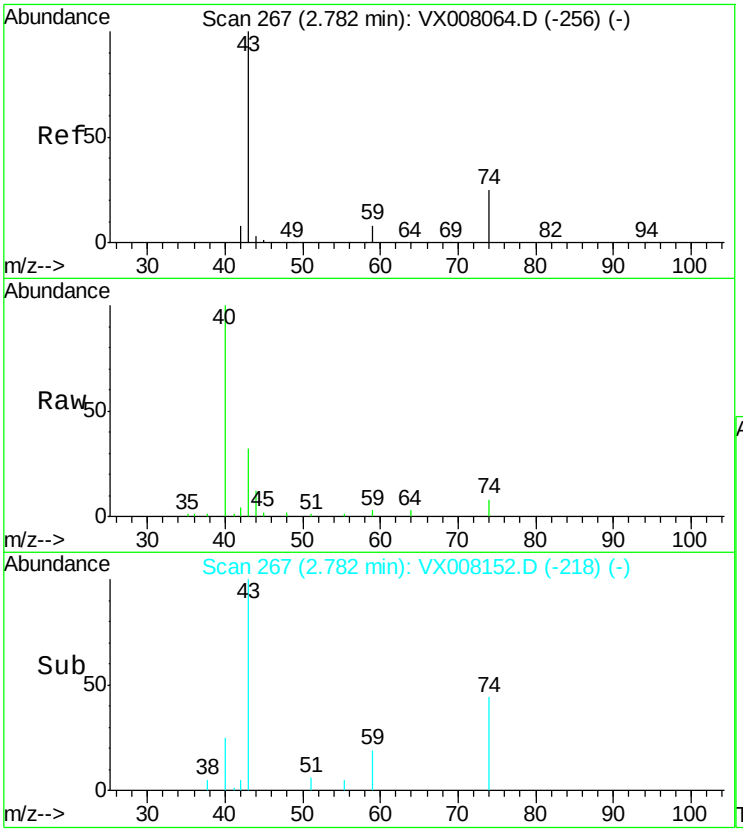


#16
Acetone
Concen: 34.664 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.01 min
Lab File: VX008152.D
Acq: 16 Mar 2019 20:14

Tgt Ion: 43 Resp: 52733

Ion	Ratio	Lower	Upper
43	100		
58	33.7	25.5	38.3



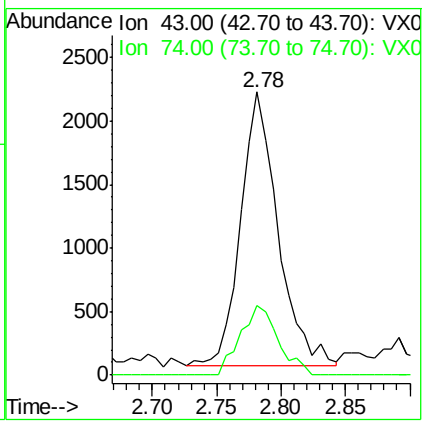


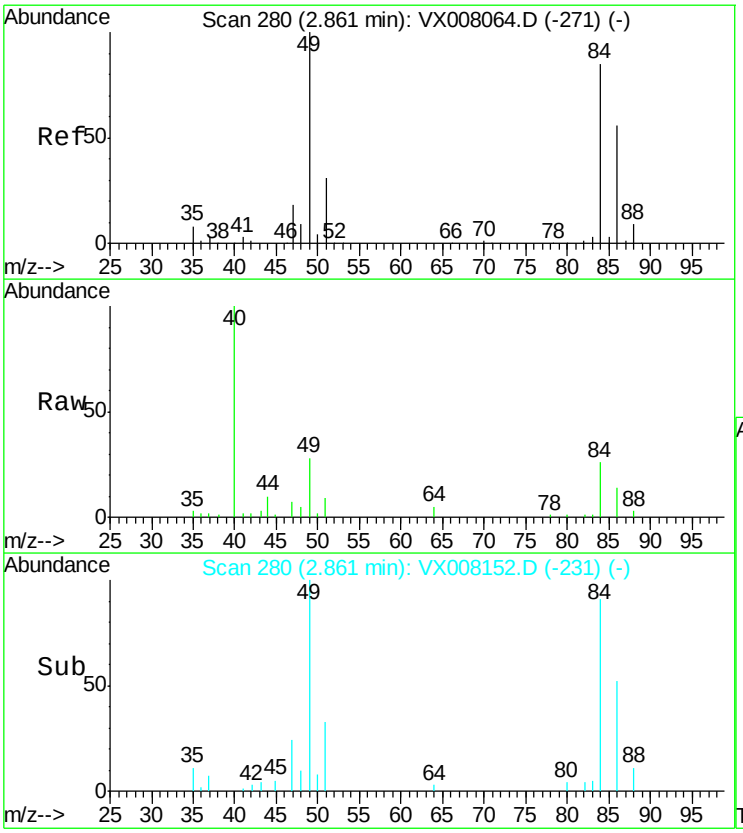
#18
Methyl Acetate
Concen: 1.308 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX008152.D
Acq: 16 Mar 2019 20:14

Instrument :
MSVOA_X
ClientSampleId :
T2-MW-5-8.0-031419

Tgt Ion: 43 Resp: 4302

Ion	Ratio	Lower	Upper
43	100		
74	25.8	17.8	26.6

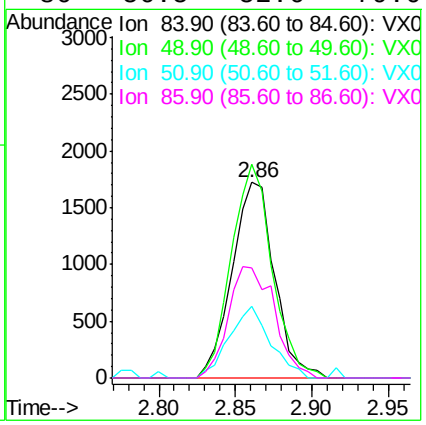


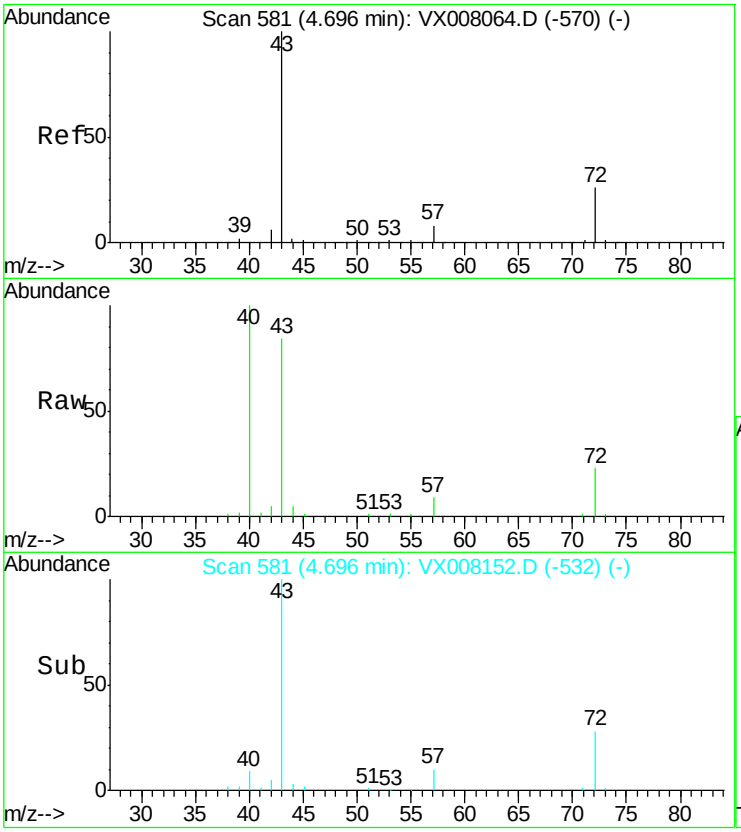


#20
Methylene Chloride
Concen: 1.221 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX008152.D
Acq: 16 Mar 2019 20:14

Tgt Ion: 84 Resp: 3317

Ion	Ratio	Lower	Upper
84	100		
49	109.4	99.3	148.9
51	36.6	31.3	46.9
86	56.5	52.6	79.0



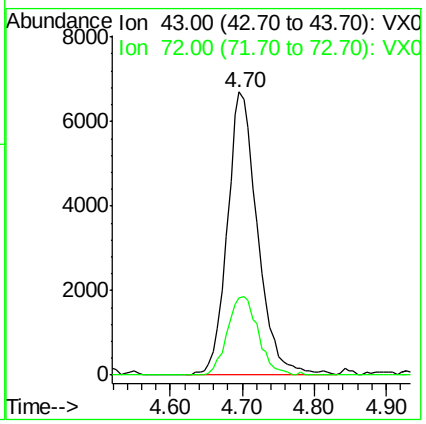


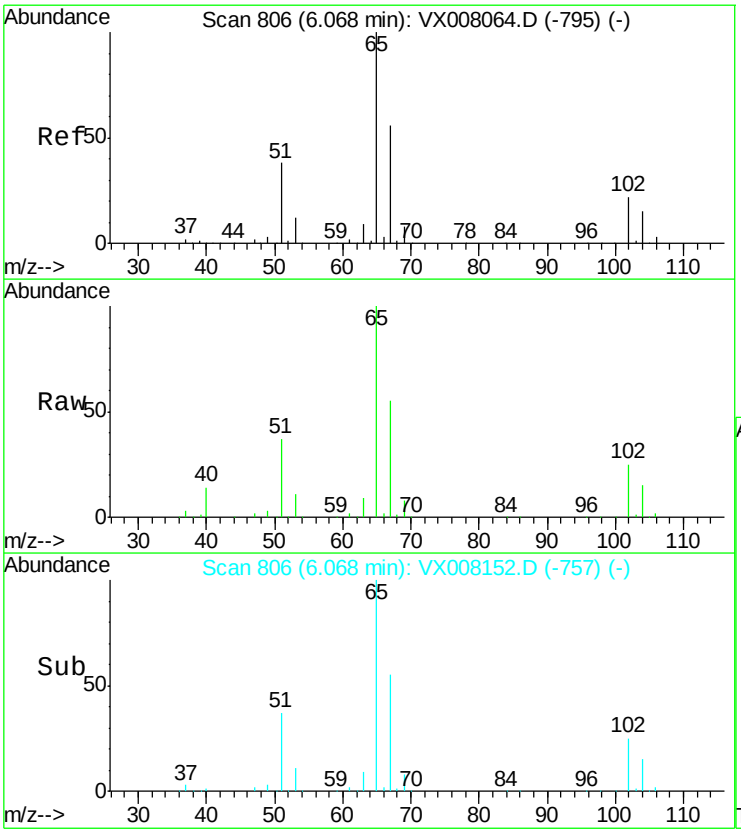
#25
2-Butanone
Concen: 8.389 ug/l
RT: 4.70 min Scan# 581
Delta R.T. 0.00 min
Lab File: VX008152.D
Acq: 16 Mar 2019 20:14

Instrument :
MSVOA_X
ClientSampleId :
T2-MW-5-8.0-031419

Tgt Ion: 43 Resp: 19590

Ion	Ratio	Lower	Upper
43	100		
72	27.4	19.9	29.9

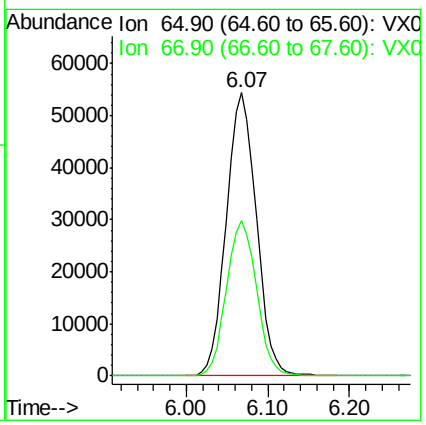


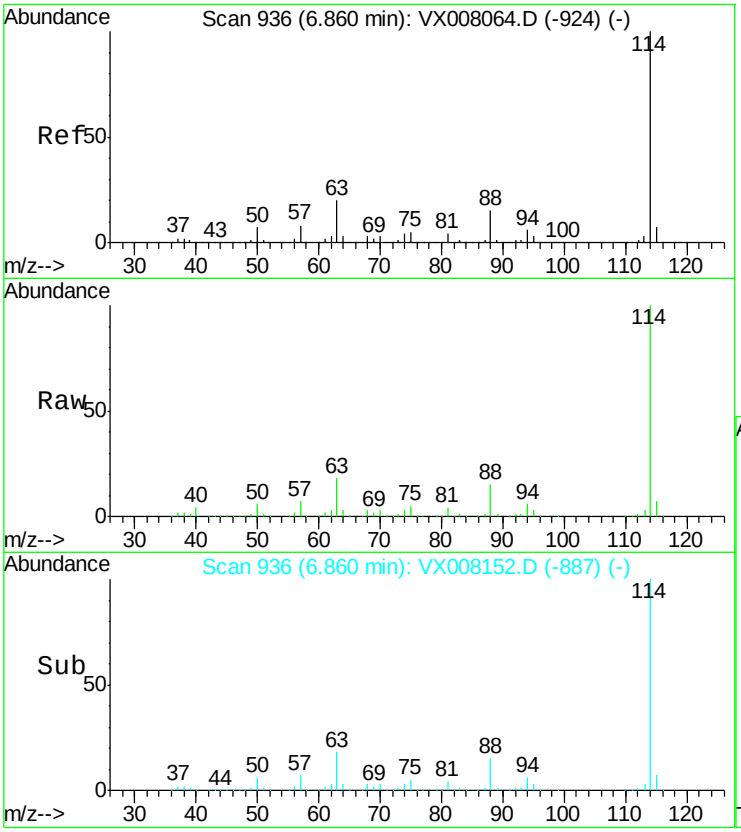


#33
1,2-Dichloroethane-d4
Concen: 43.014 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX008152.D
Acq: 16 Mar 2019 20:14

Tgt Ion: 65 Resp: 138607

Ion	Ratio	Lower	Upper
65	100		
67	54.9	0.0	110.0



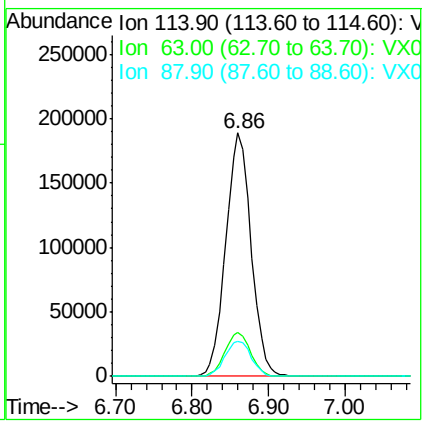


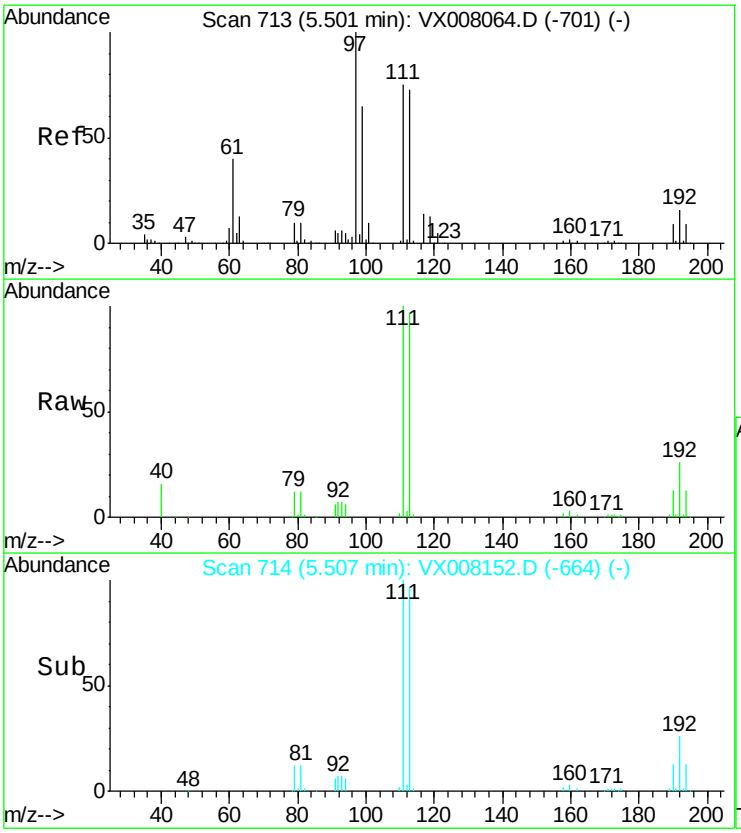
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX008152.D
Acq: 16 Mar 2019 20:14

Instrument :
MSVOA_X
ClientSampleId :
T2-MW-5-8.0-031419

Tgt Ion:114 Resp: 432806

Ion	Ratio	Lower	Upper
114	100		
63	18.0	0.0	39.8
88	14.6	0.0	31.4

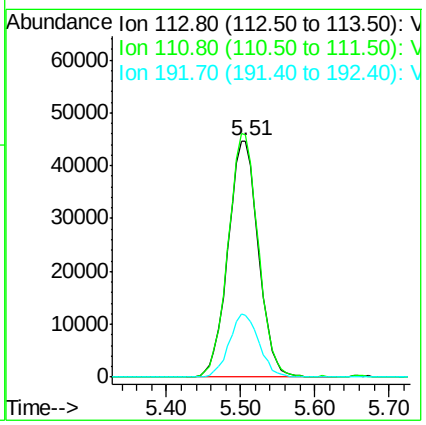


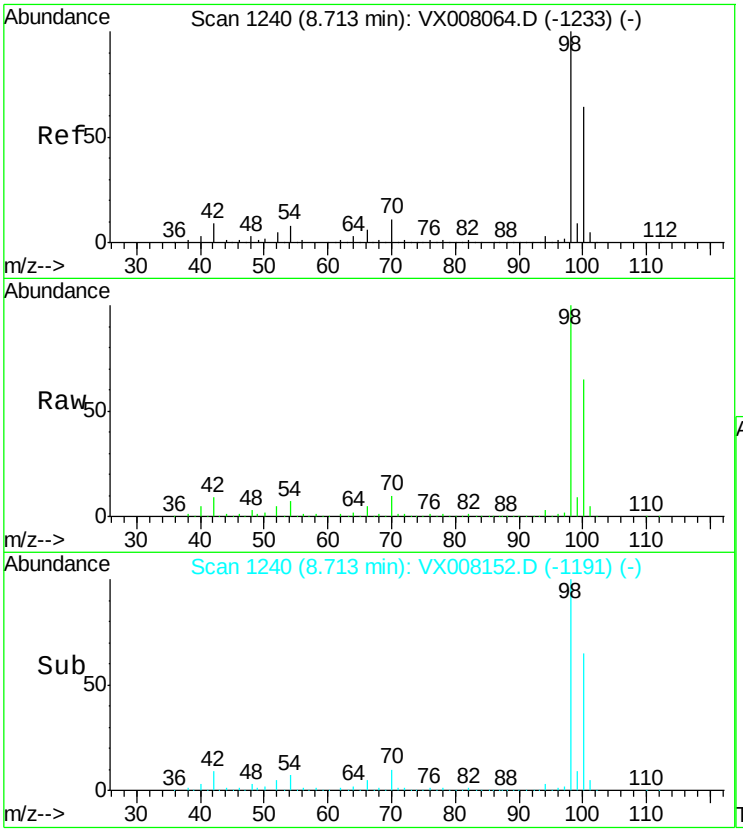


#35
Dibromofluoromethane
Concen: 46.582 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX008152.D
Acq: 16 Mar 2019 20:14

Tgt Ion:113 Resp: 127849

Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.4	122.0
192	26.1	19.4	29.0



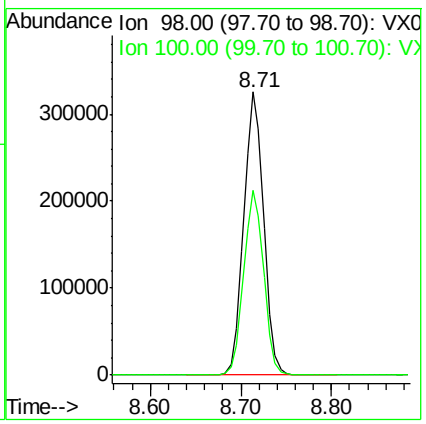


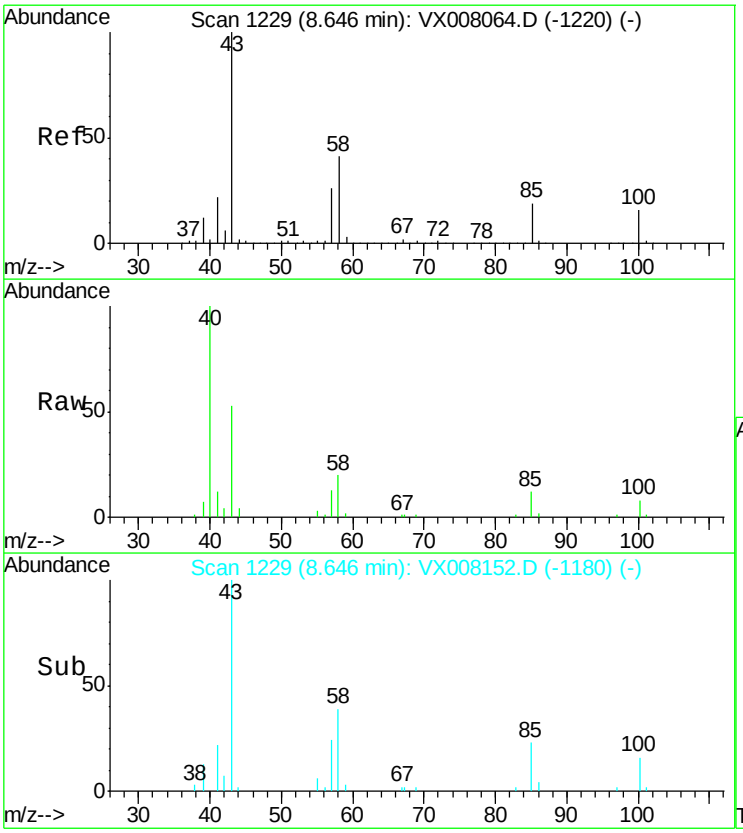
#50
Toluene-d8
Concen: 47.294 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX008152.D
Acq: 16 Mar 2019 20:14

Instrument :
MSVOA_X
ClientSampleId :
T2-MW-5-8.0-031419

Tgt Ion: 98 Resp: 493681

Ion	Ratio	Lower	Upper
98	100		
100	65.4	51.7	77.5

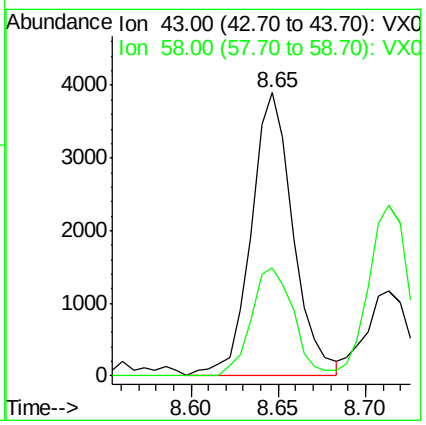


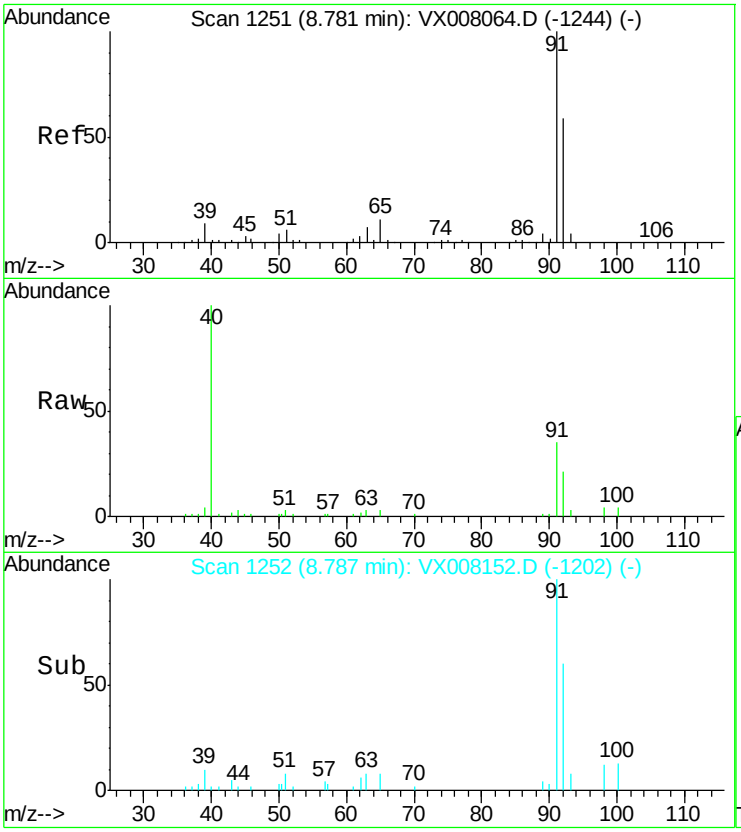


#51
4-Methyl-2-Pentanone
Concen: 1.602 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. 0.00 min
Lab File: VX008152.D
Acq: 16 Mar 2019 20:14

Tgt Ion: 43 Resp: 6508

Ion	Ratio	Lower	Upper
43	100		
58	38.0	31.3	46.9



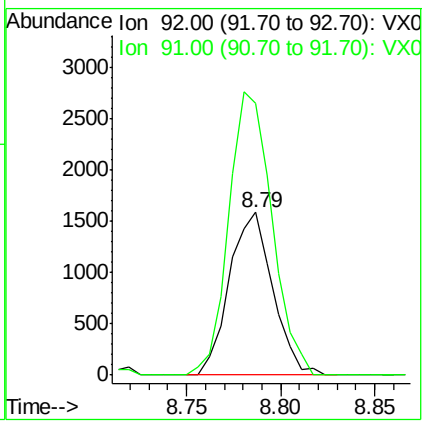


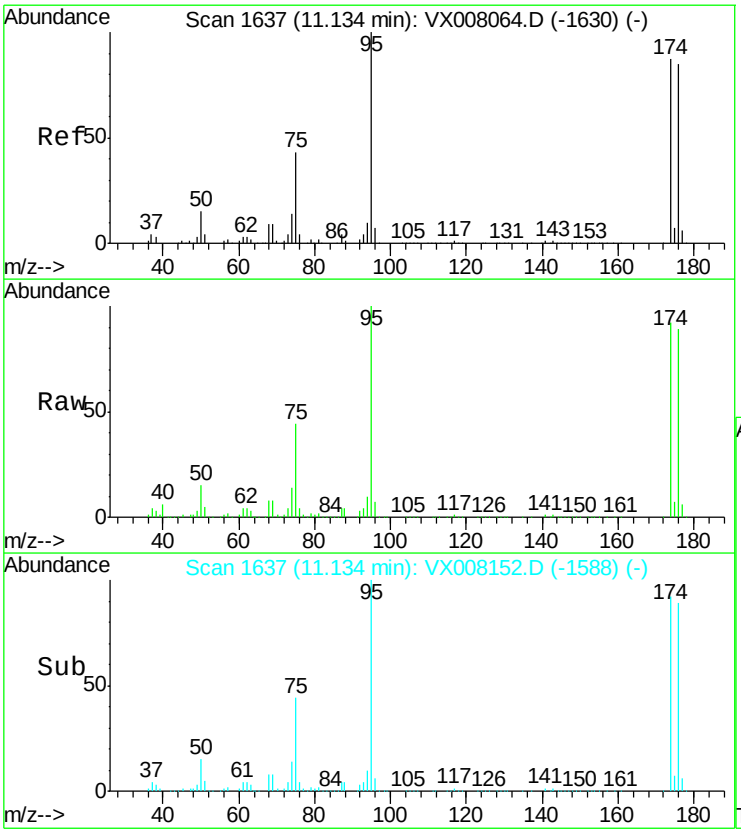
#52
Toluene
Concen: 0.366 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.01 min
Lab File: VX008152.D
Acq: 16 Mar 2019 20:14

Instrument : MSVOA_X
ClientSampleId : T2-MW-5-8.0-031419

Tgt Ion: 92 Resp: 2535

Ion	Ratio	Lower	Upper
92	100		
91	172.9	137.4	206.0

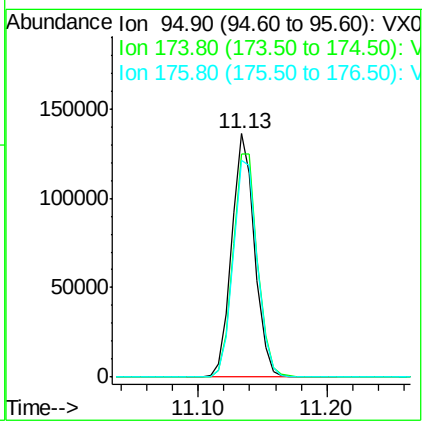


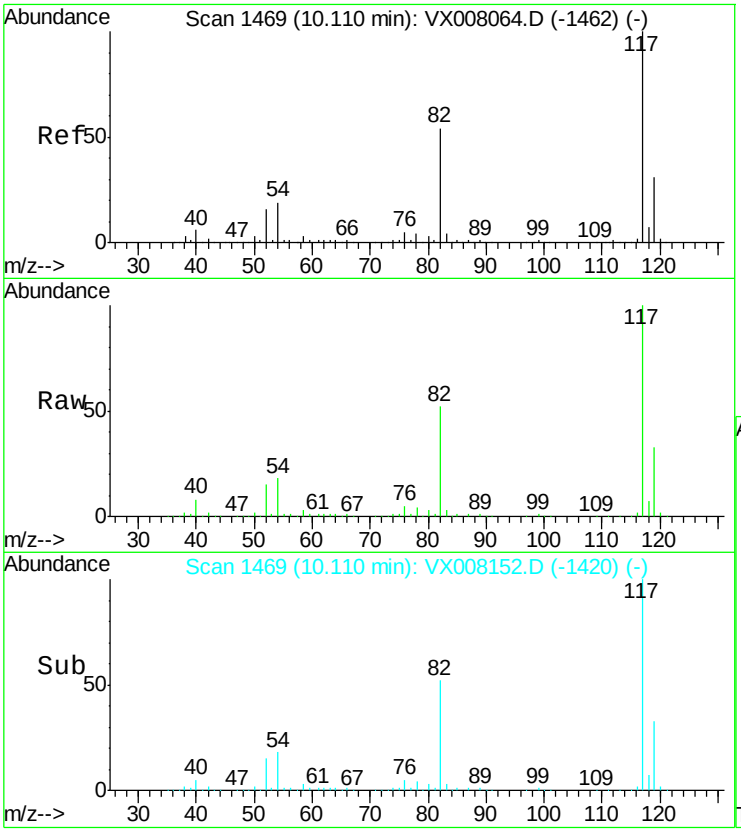


#62
4-Bromofluorobenzene
Concen: 45.167 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX008152.D
Acq: 16 Mar 2019 20:14

Tgt Ion: 95 Resp: 168899

Ion	Ratio	Lower	Upper
95	100		
174	97.6	0.0	182.8
176	94.3	0.0	178.0



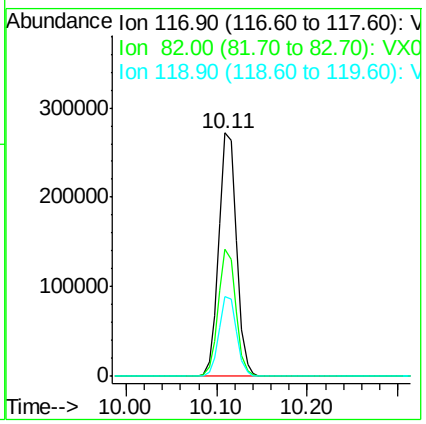


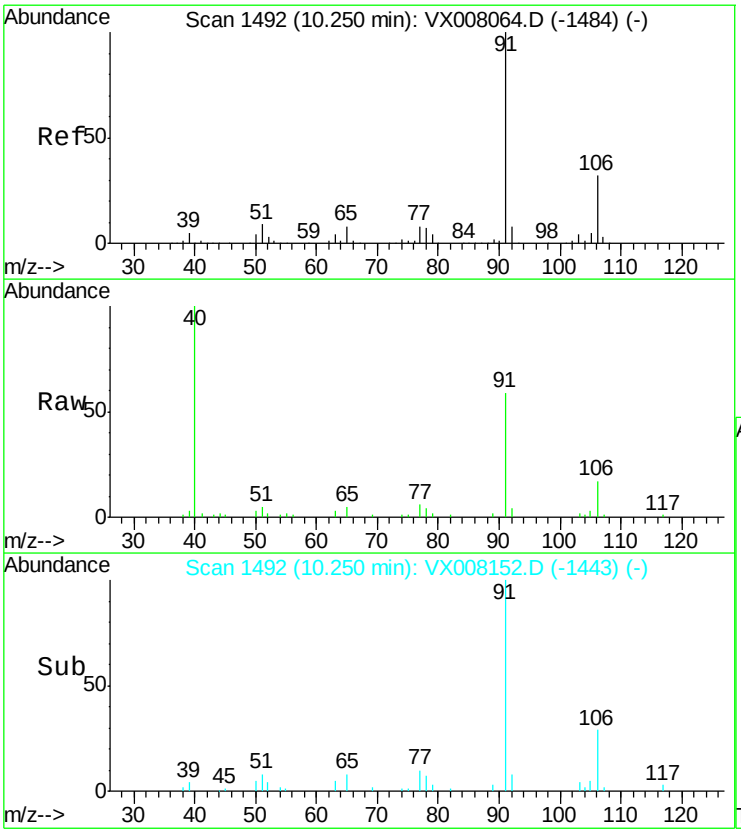
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008152.D
Acq: 16 Mar 2019 20:14

Instrument : MSVOA_X
ClientSampleId : T2-MW-5-8.0-031419

Tgt Ion:117 Resp: 371684

Ion	Ratio	Lower	Upper
117	100		
82	52.3	44.3	66.5
119	32.6	25.3	37.9

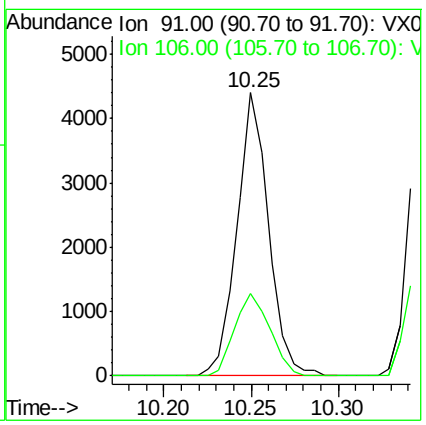


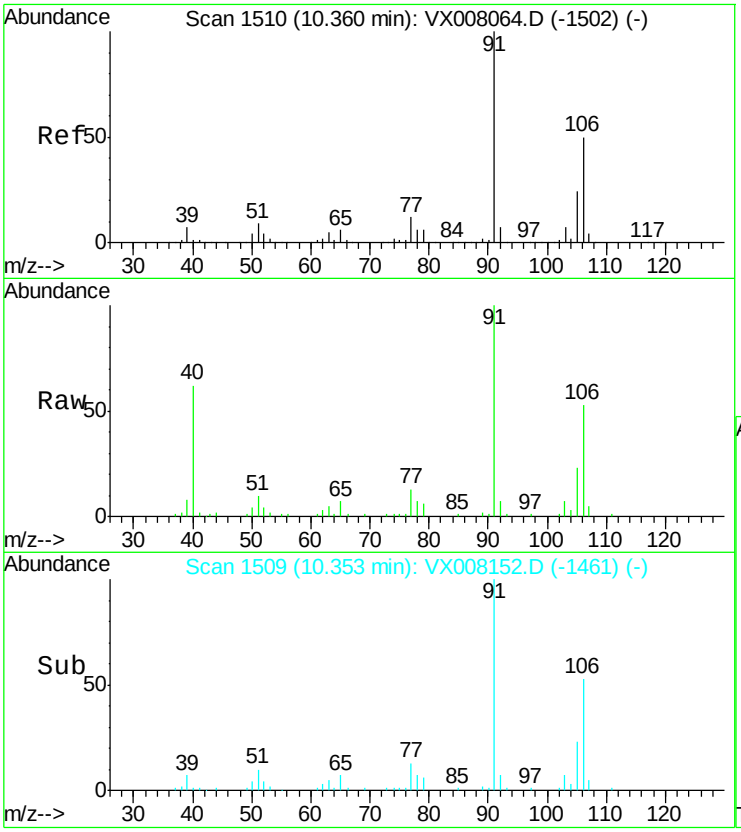


#67
Ethyl Benzene
Concen: 0.452 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX008152.D
Acq: 16 Mar 2019 20:14

Tgt Ion: 91 Resp: 5514

Ion	Ratio	Lower	Upper
91	100		
106	29.3	25.2	37.8



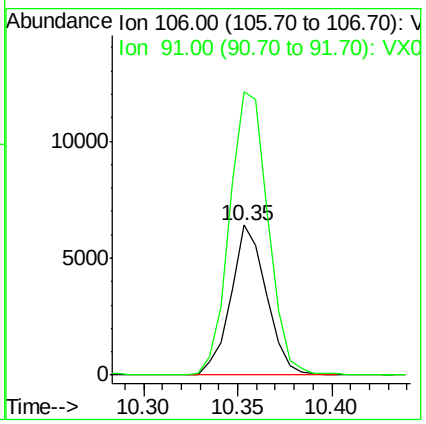


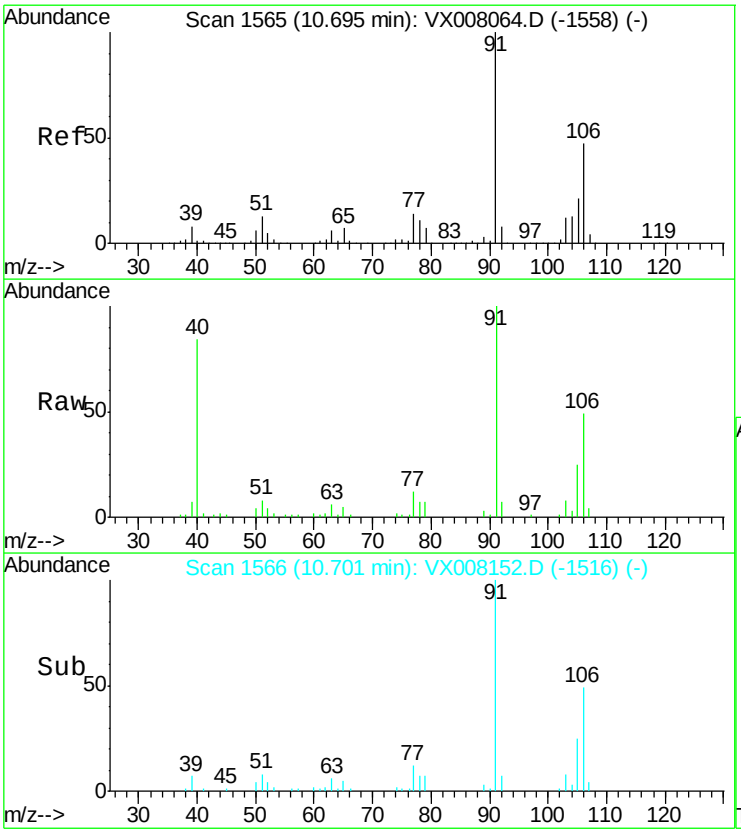
#68
m/p-Xylenes
Concen: 1.796 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX008152.D
Acq: 16 Mar 2019 20:14

Instrument :
MSVOA_X
ClientSampleId :
T2-MW-5-8.0-031419

Tgt Ion:106 Resp: 8388

Ion	Ratio	Lower	Upper
106	100		
91	204.0	159.8	239.6

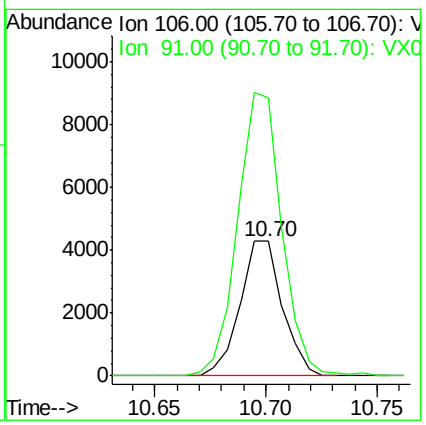


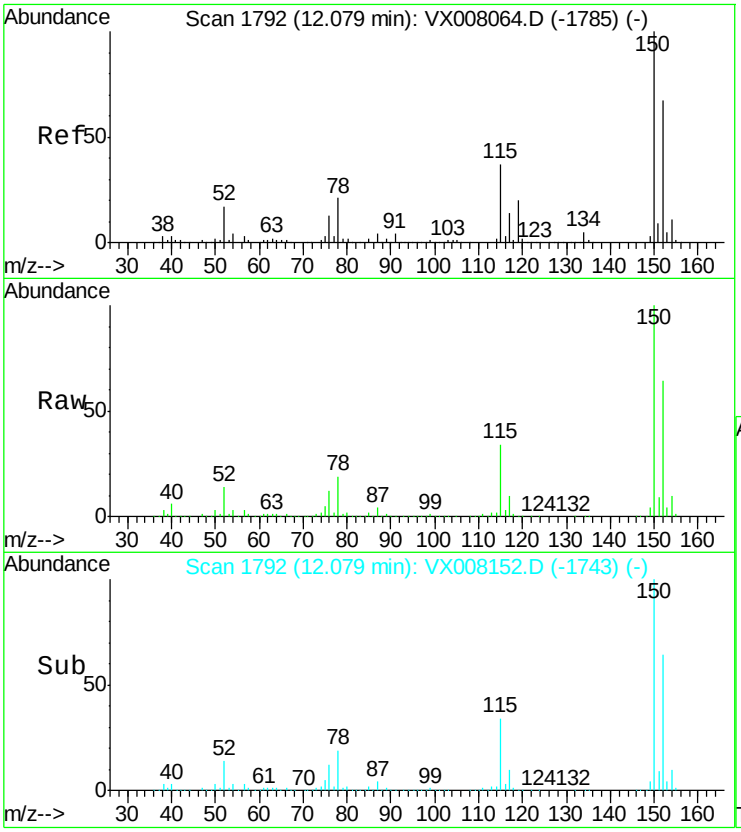


#69
o-Xylene
Concen: 1.252 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX008152.D
Acq: 16 Mar 2019 20:14

Tgt Ion:106 Resp: 5700

Ion	Ratio	Lower	Upper
106	100		
91	219.6	106.3	318.9



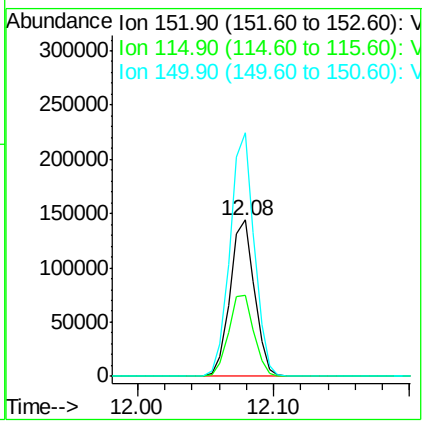


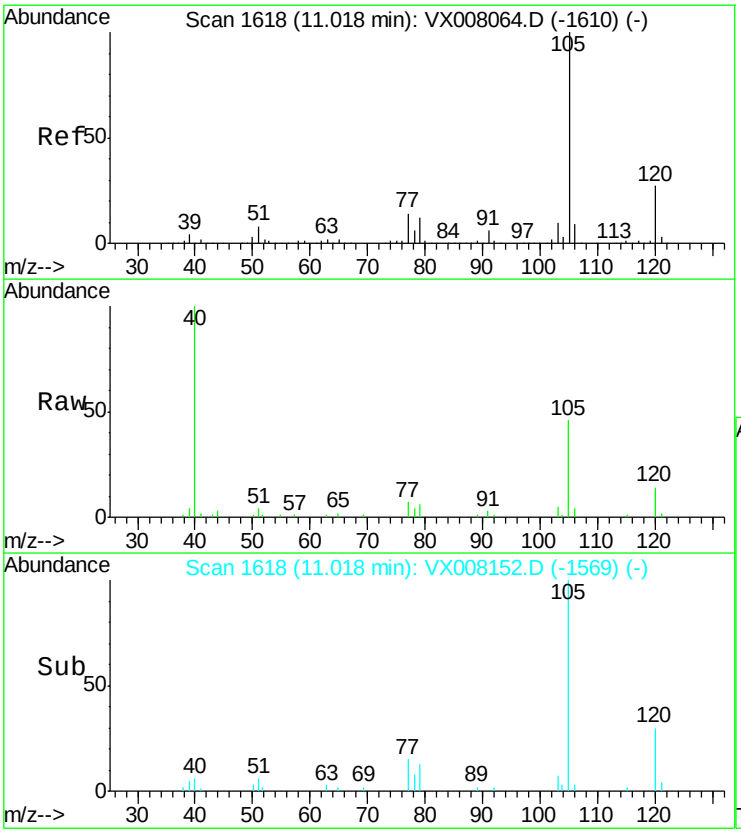
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX008152.D
Acq: 16 Mar 2019 20:14

Instrument :
MSVOA_X
ClientSampleId :
T2-MW-5-8.0-031419

Tgt Ion:152 Resp: 179565

Ion	Ratio	Lower	Upper
152	100		
115	53.7	38.6	115.7
150	154.6	0.0	348.4

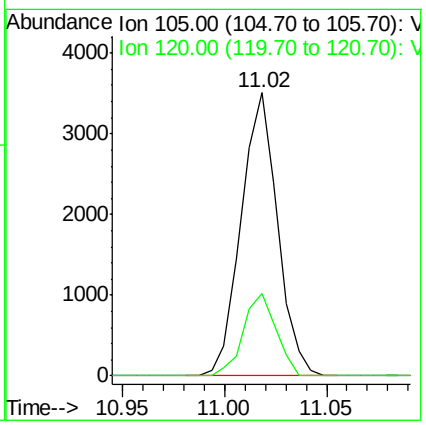


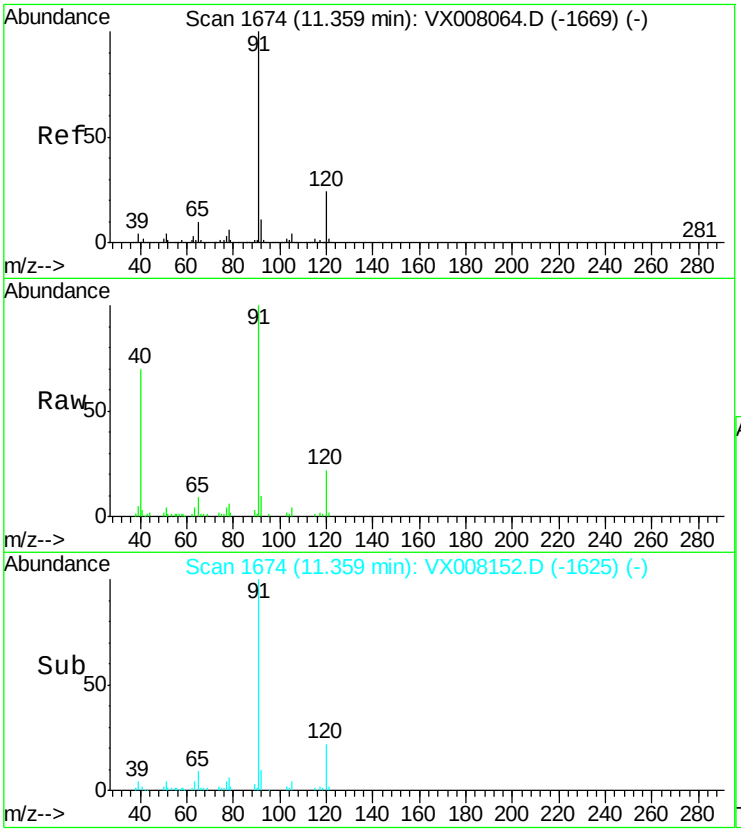


#73
Isopropylbenzene
Concen: 0.378 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX008152.D
Acq: 16 Mar 2019 20:14

Tgt Ion:105 Resp: 4350

Ion	Ratio	Lower	Upper
105	100		
120	26.3	13.4	40.1



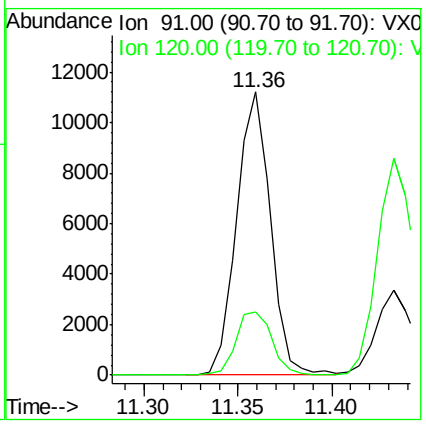


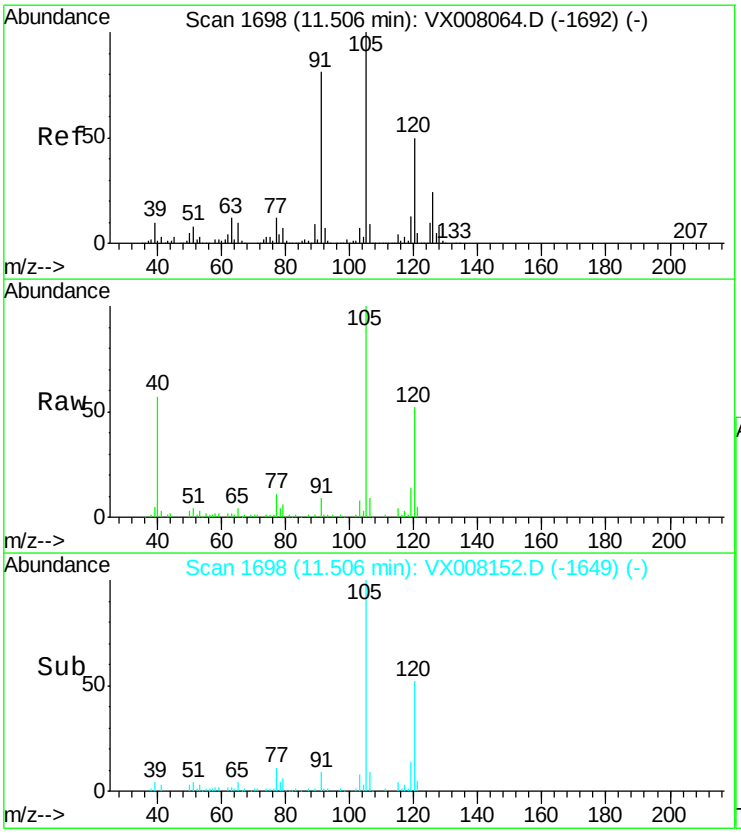
#78
n-propylbenzene
Concen: 1.106 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VX008152.D
Acq: 16 Mar 2019 20:14

Instrument :
MSVOA_X
ClientSampleId :
T2-MW-5-8.0-031419

Tgt Ion: 91 Resp: 13954

Ion	Ratio	Lower	Upper
91	100		
120	23.6	12.0	36.0

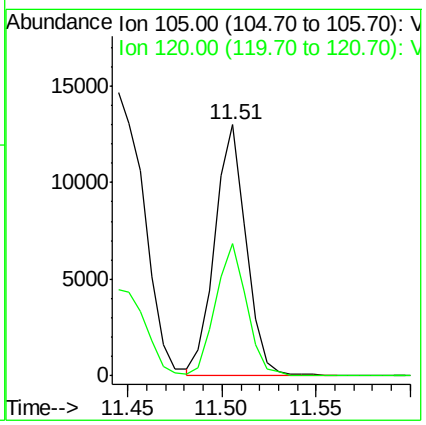


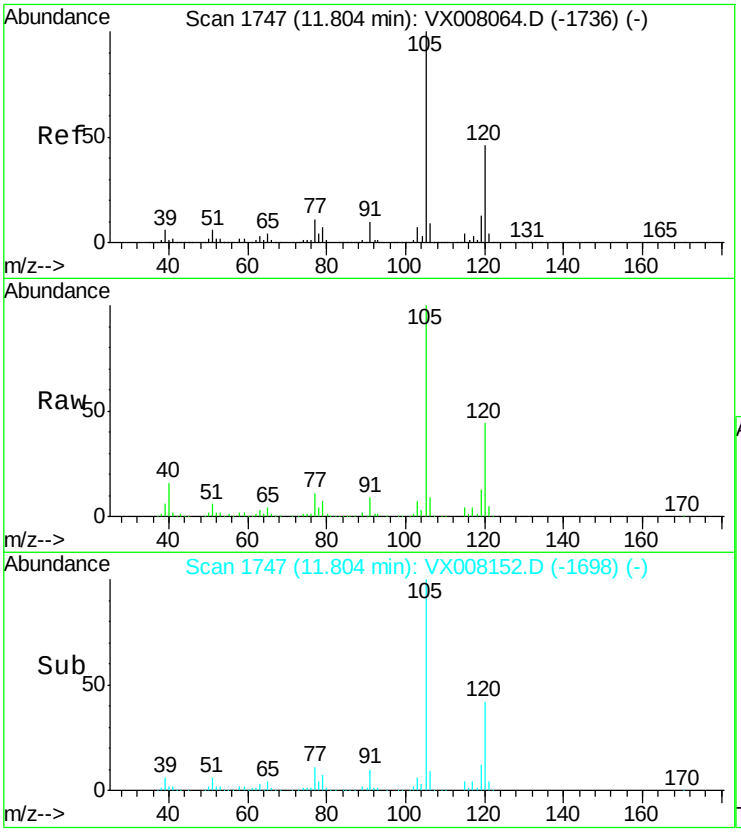


#80
1,3,5-Trimethylbenzene
Concen: 1.588 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX008152.D
Acq: 16 Mar 2019 20:14

Tgt Ion:105 Resp: 15051

Ion	Ratio	Lower	Upper
105	100		
120	52.0	24.9	74.6



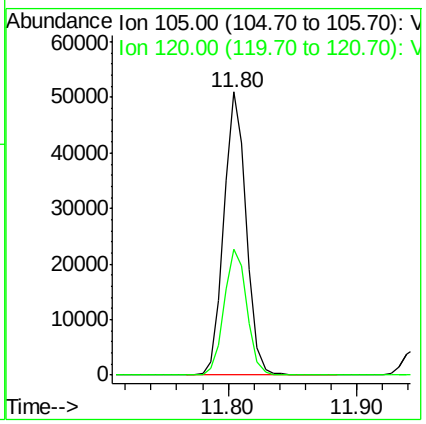


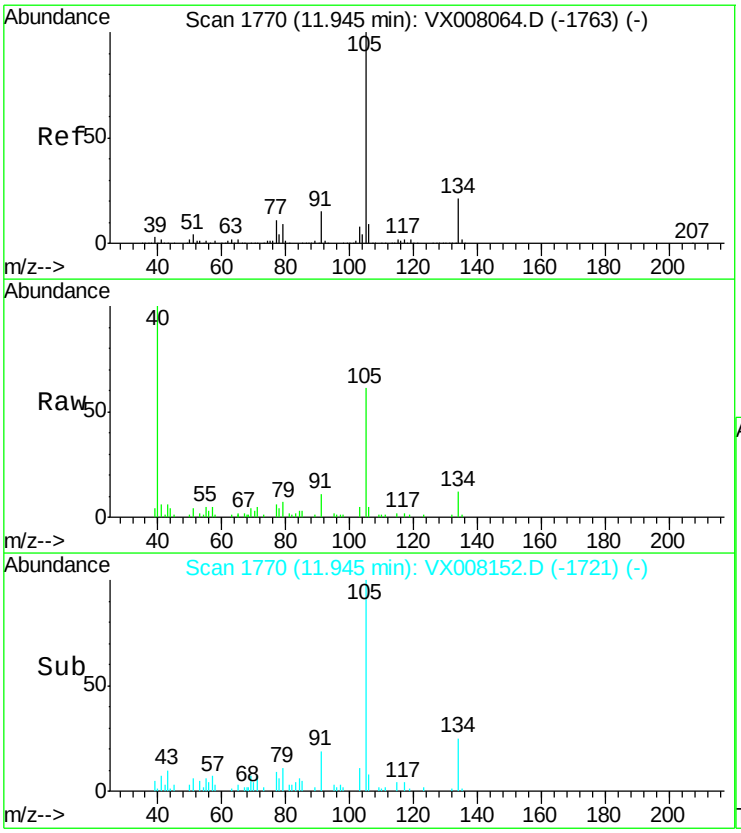
#84
1,2,4-Trimethylbenzene
Concen: 6.376 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX008152.D
Acq: 16 Mar 2019 20:14

Instrument :
MSVOA_X
ClientSampleId :
T2-MW-5-8.0-031419

Tgt Ion:105 Resp: 62324

Ion	Ratio	Lower	Upper
105	100		
120	45.1	22.6	67.7

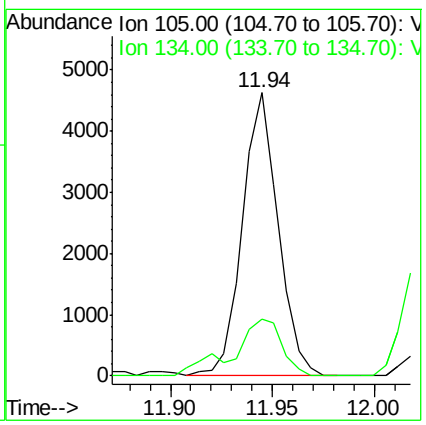


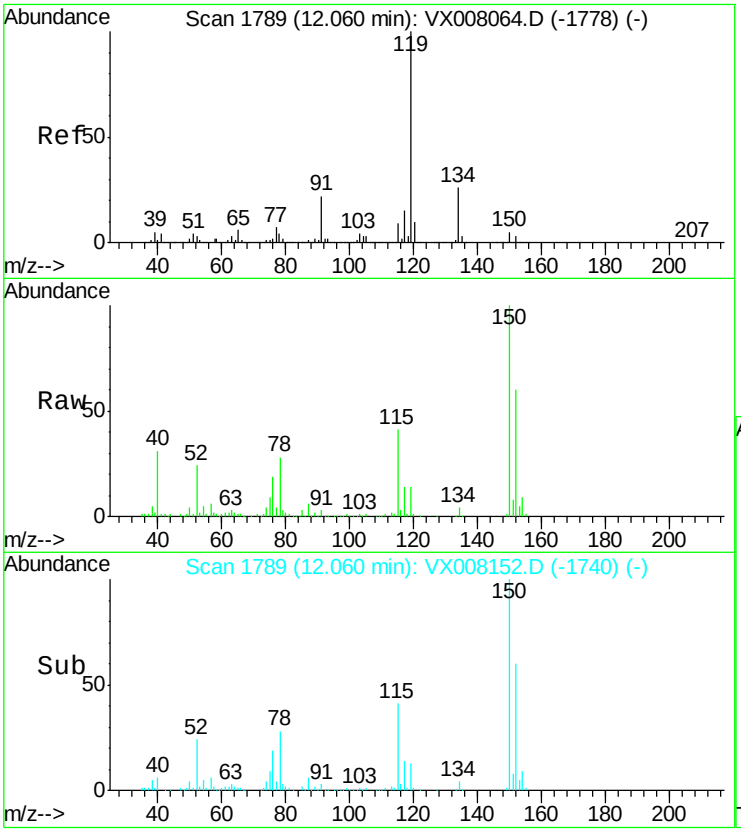


#85
sec-Butylbenzene
Concen: 0.497 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. 0.00 min
Lab File: VX008152.D
Acq: 16 Mar 2019 20:14

Tgt Ion:105 Resp: 5620

Ion	Ratio	Lower	Upper
105	100		
134	27.8	10.4	31.2



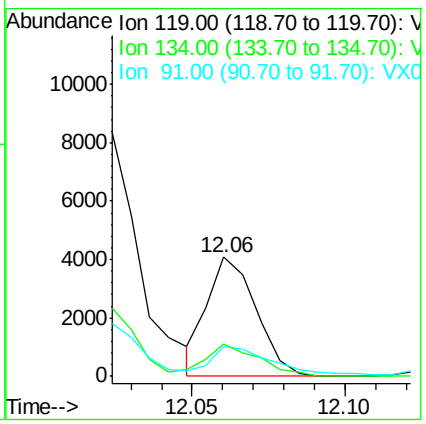


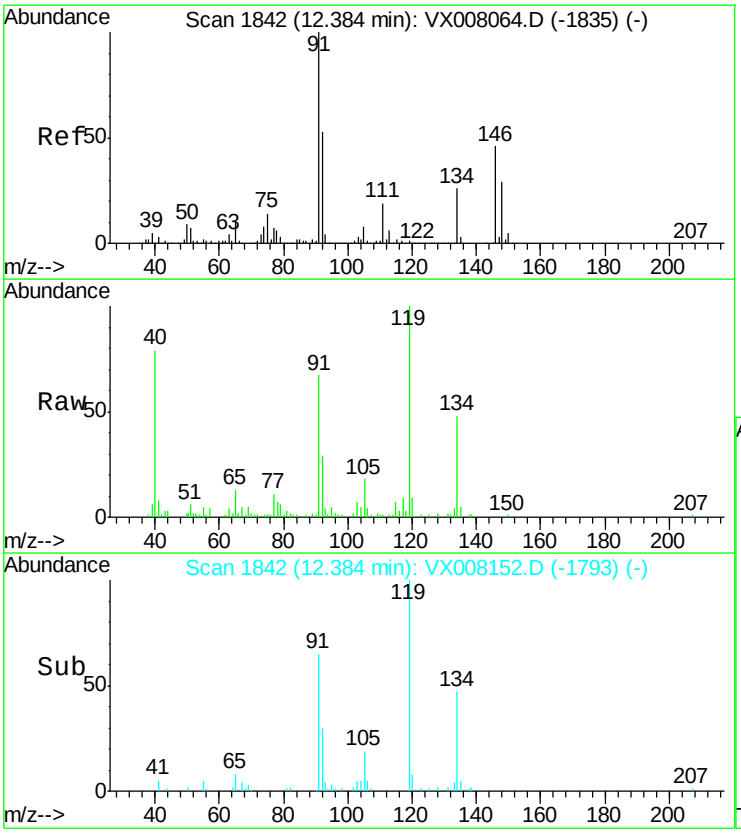
#86
p-Isopropyltoluene
Concen: 0.441 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX008152.D
Acq: 16 Mar 2019 20:14

Instrument :
MSVOA_X
ClientSampleId :
T2-MW-5-8.0-031419

Tgt Ion:119 Resp: 4508

Ion	Ratio	Lower	Upper
119	100		
134	30.3	13.3	39.9
91	28.5	10.9	32.7

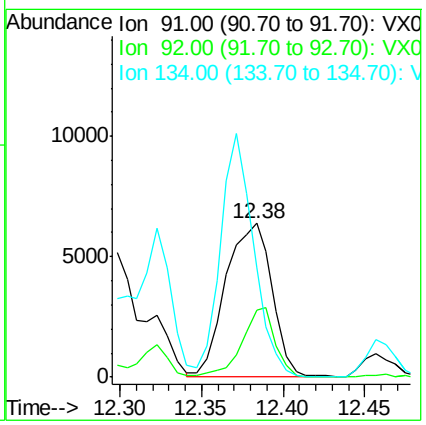


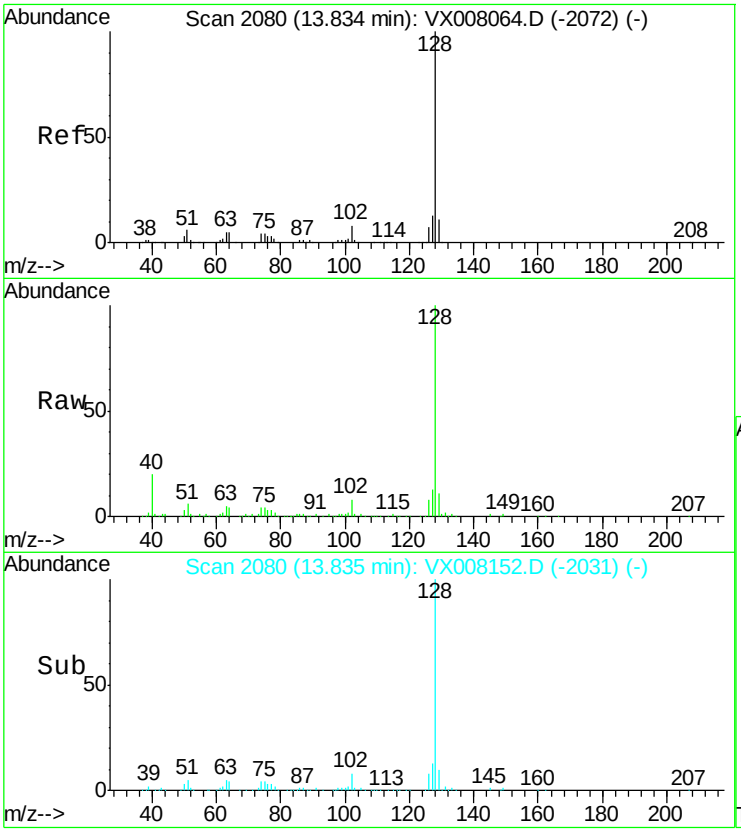


#89
n-Butylbenzene
Concen: 1.475 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX008152.D
Acq: 16 Mar 2019 20:14

Tgt Ion: 91 Resp: 12634

Ion	Ratio	Lower	Upper
91	100		
92	32.4	27.0	80.8
134	113.6	13.7	41.0#





#95
Naphthalene
Concen: 4.342 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX008152.D
Acq: 16 Mar 2019 20:14

Instrument :
MSVOA_X
ClientSampleId :
T2-MW-5-8.0-031419

Tgt Ion:128 Resp: 47937

Ion	Ratio	Lower	Upper
128	100		
127	14.3	10.3	15.5
129	13.3	8.7	13.1#