Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX071019\
Data File : VX010773.D
Acq On : 10 Jul 2019 13:39
Operator : JC/SP
Sample : K3636-12
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SP19-JMW0980

Quant Time: Jul 11 15:29:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.67	168	217996	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.86	114	342619	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	316939	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	146856	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.06	65	110445	54.04	ug/l		0.00
Spiked Amount 50.000			Recovery = 108.08%				
35) Dibromofluoromethane	5.50	113	106326	50.72	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.44%				
50) Toluene-d8	8.71	98	410893	51.23	ug/l		0.00
Spiked Amount 50.000			Recovery = 102.46%				
62) 4-Bromofluorobenzene	11.13	95	138225	47.74	ug/l		0.00
Spiked Amount 50.000			Recovery = 95.48%				
Target Compounds							Qvalue
8) Diethyl Ether	2.19	74	65328	59.450	ug/l		97
16) Acetone	2.45	43	3019	2.947	ug/l		97
19) Methyl tert-butyl Ether	3.19	73	2763	0.465	ug/l	#	64
24) 1,1-Dichloroethane	3.70	63	4314	1.331	ug/l	#	91
29) Tetrahydrofuran	5.13	42	6376	6.851	ug/l		98
31) Cyclohexane	5.59	56	4234	1.434	ug/l	#	78
39) Methylcyclohexane	7.47	83	2988	0.835	ug/l		89
40) Benzene	6.14	78	27801	3.278	ug/l		98
65) Chlorobenzene	10.13	112	7628	1.185	ug/l		95
68) m/p-Xylenes	10.36	106	14694	3.491	ug/l		99
69) o-Xylene	10.70	106	1433	0.346	ug/l		88
73) Isopropylbenzene	11.02	105	9274	0.932	ug/l		98
78) n-propylbenzene	11.36	91	3395	0.310	ug/l		97
80) 1,3,5-Trimethylbenzene	11.51	105	2581	0.314	ug/l		97
84) 1,2,4-Trimethylbenzene	11.80	105	9231	1.120	ug/l		97
85) sec-Butylbenzene	11.94	105	3707	0.383	ug/l	#	74
88) 1,4-Dichlorobenzene	12.10	146	21656	4.384	ug/l		91
95) Naphthalene	13.83	128	8689	0.845	ug/l	#	85

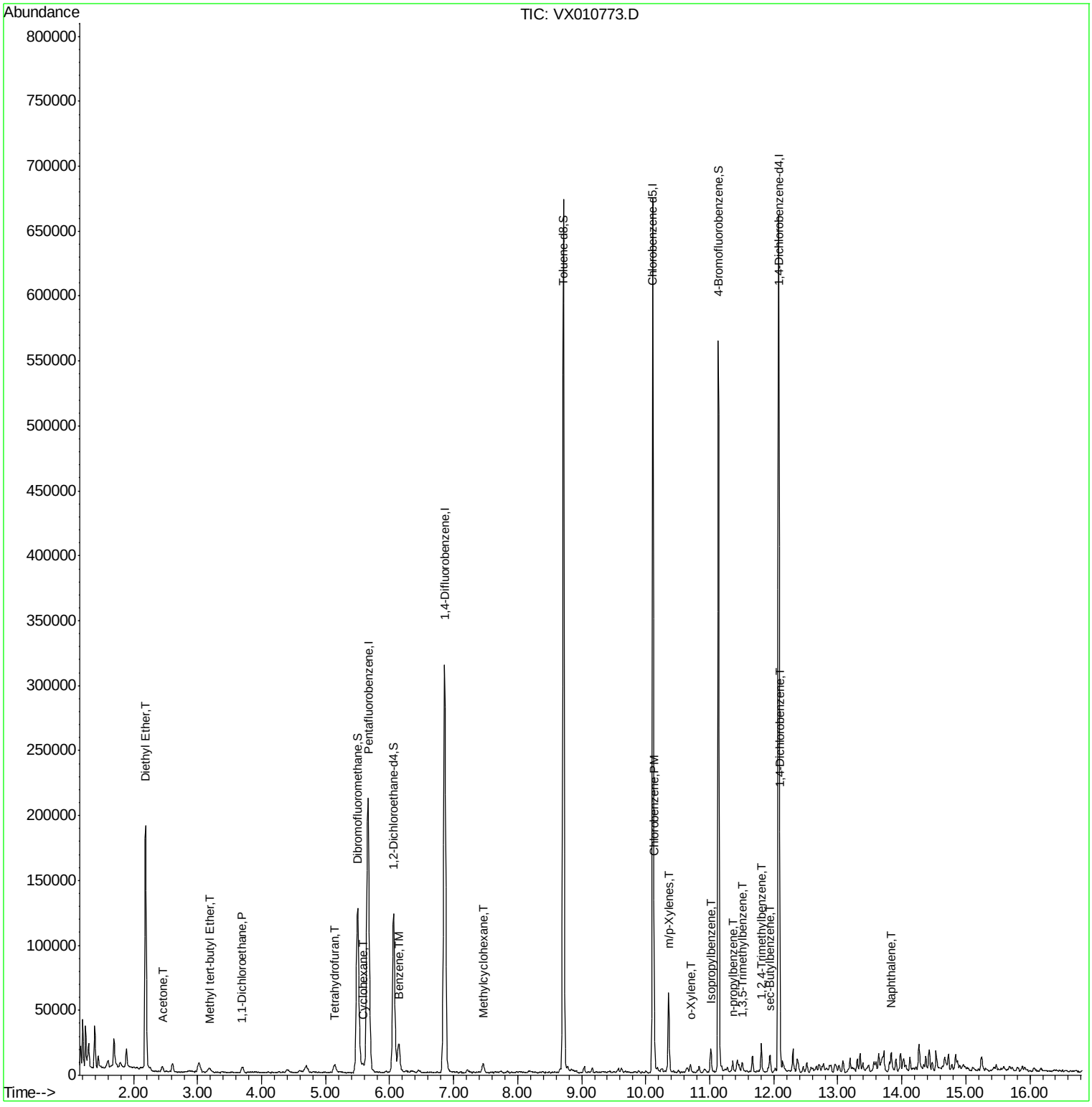
(#) = qualifier out of range (m) = manual integration (+) = signals summed

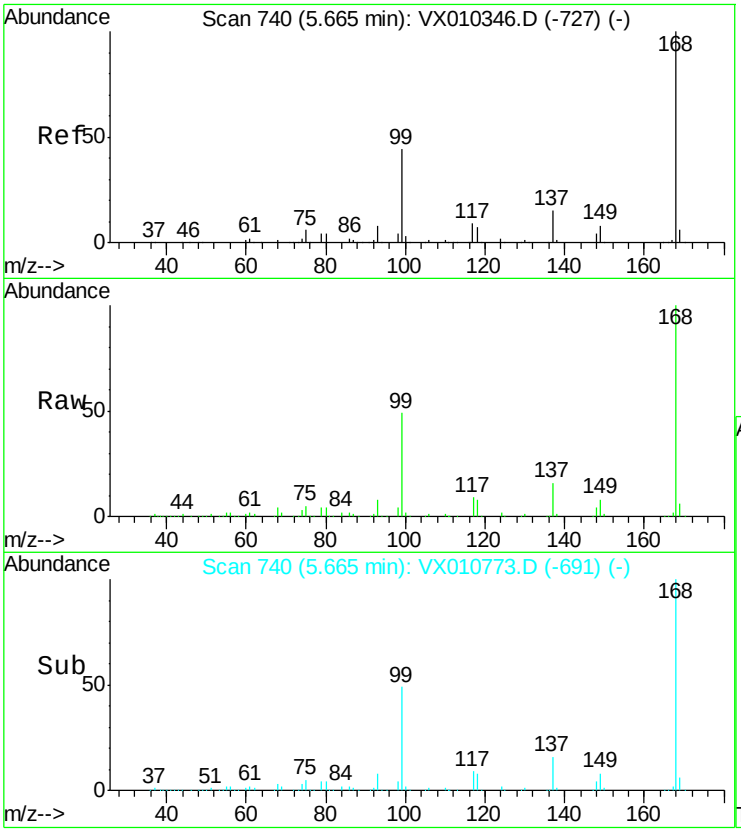
Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX071019\
Data File : VX010773.D
Acq On : 10 Jul 2019 13:39
Operator : JC/SP
Sample : K3636-12
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SP19-JMW0980

Quant Time: Jul 11 15:29:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration



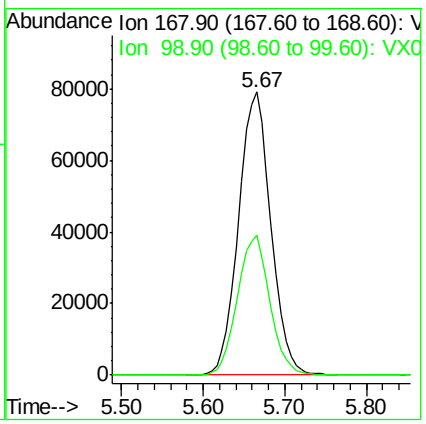


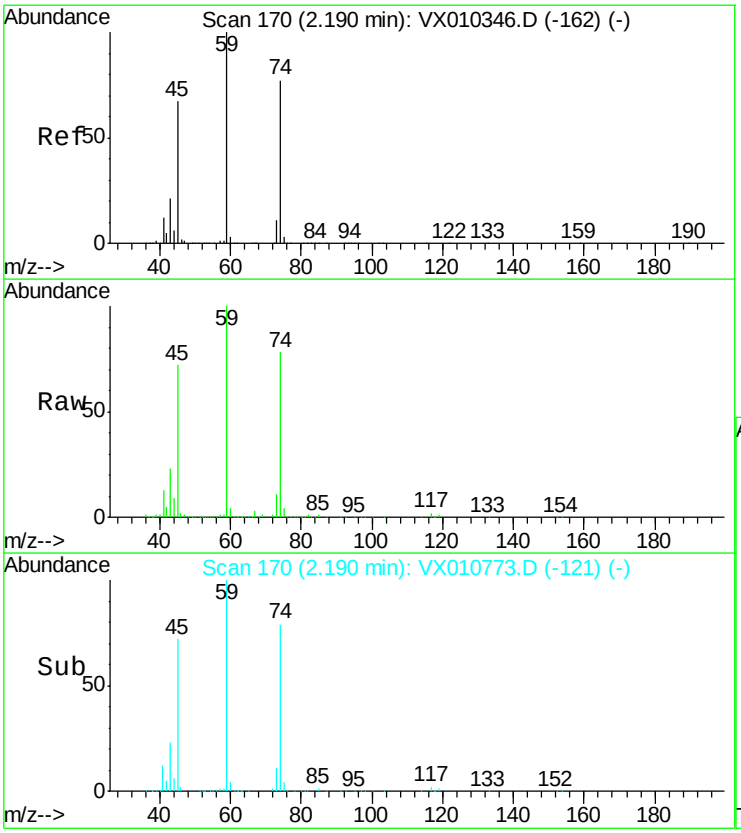
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.00 min
Lab File: VX010773.D
Acq: 10 Jul 2019 13:39

Instrument :
MSVOA_X
ClientSampleId :
SP19-JMW0980

Tgt Ion:168 Resp: 217996

Ion	Ratio	Lower	Upper
168	100		
99	49.5	35.5	53.3

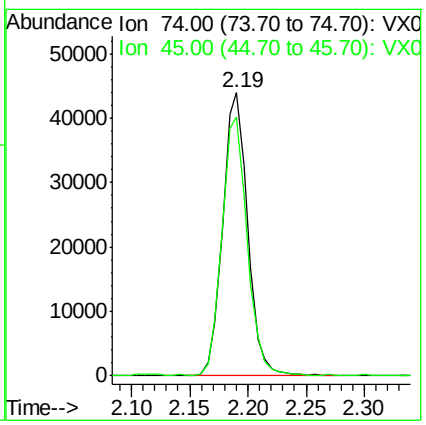


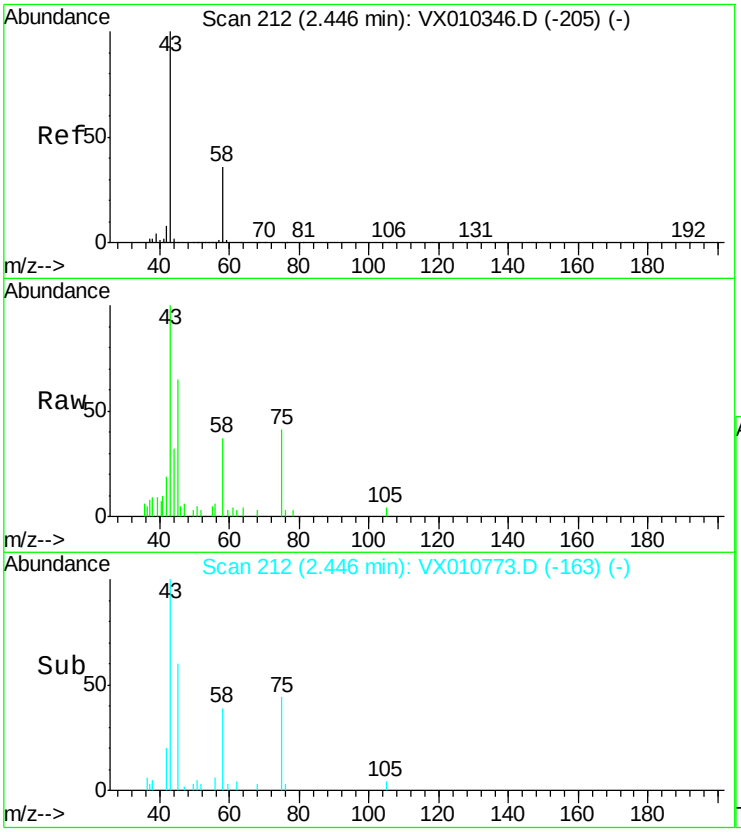


#8
Diethyl Ether
Concen: 59.450 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX010773.D
Acq: 10 Jul 2019 13:39

Tgt Ion: 74 Resp: 65328

Ion	Ratio	Lower	Upper
74	100		
45	92.2	44.8	134.4



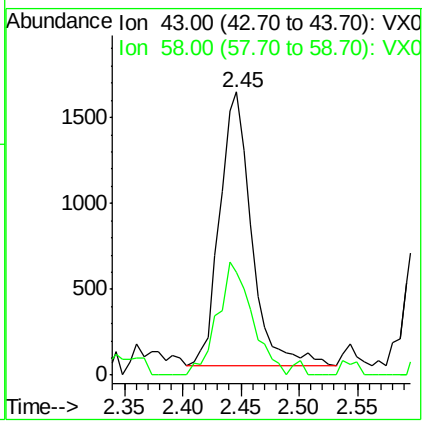


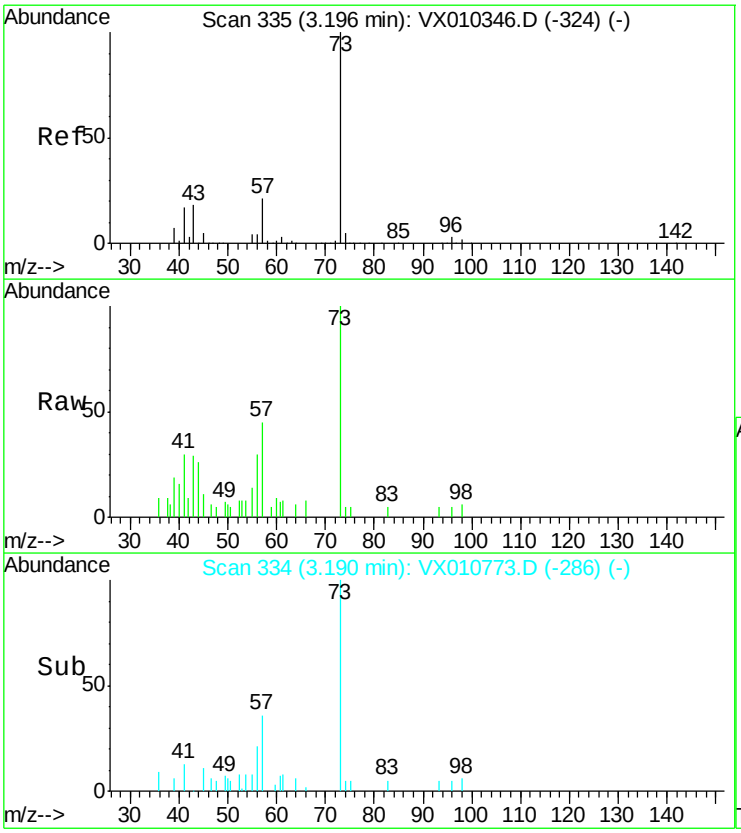
#16
Acetone
Concen: 2.947 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX010773.D
Acq: 10 Jul 2019 13:39

Instrument :
MSVOA_X
ClientSampleId :
SP19-JMW0980

Tgt Ion: 43 Resp: 3019

Ion	Ratio	Lower	Upper
43	100		
58	37.8	28.9	43.3

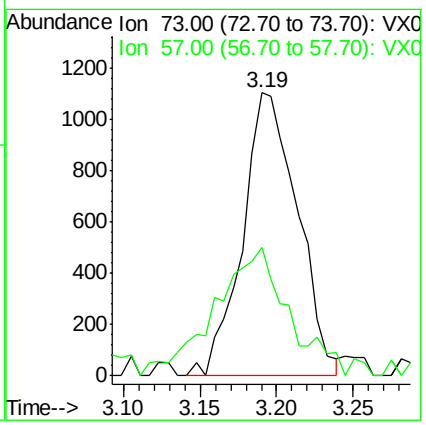


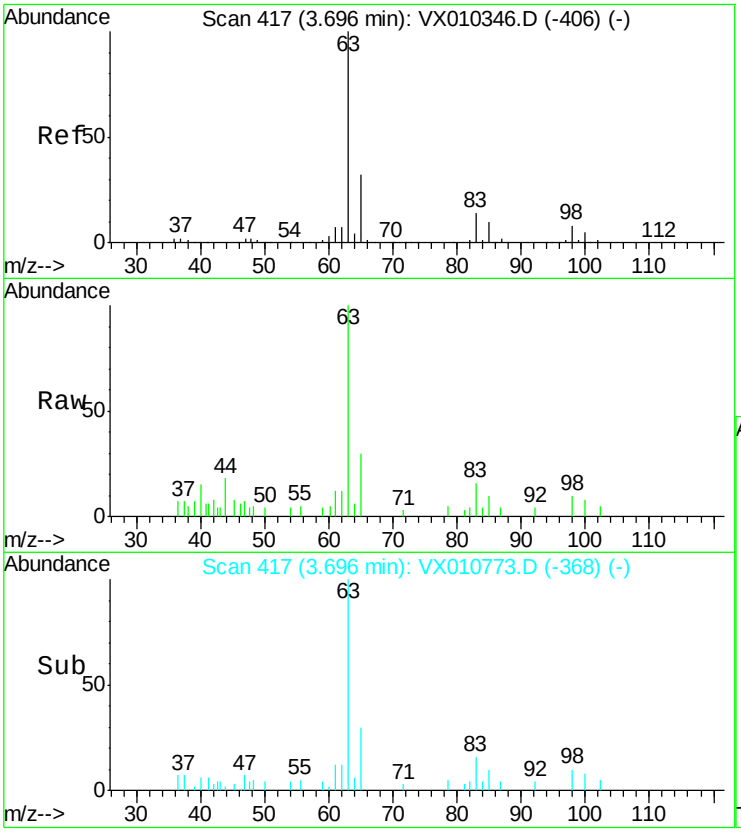


#19
Methyl tert-butyl Ether
Concen: 0.465 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.01 min
Lab File: VX010773.D
Acq: 10 Jul 2019 13:39

Tgt Ion: 73 Resp: 2763

Ion	Ratio	Lower	Upper
73	100		
57	37.0	16.4	24.6#



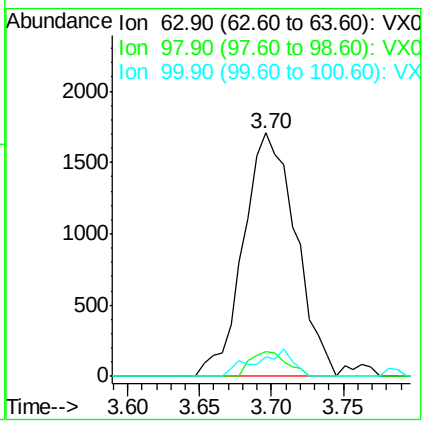


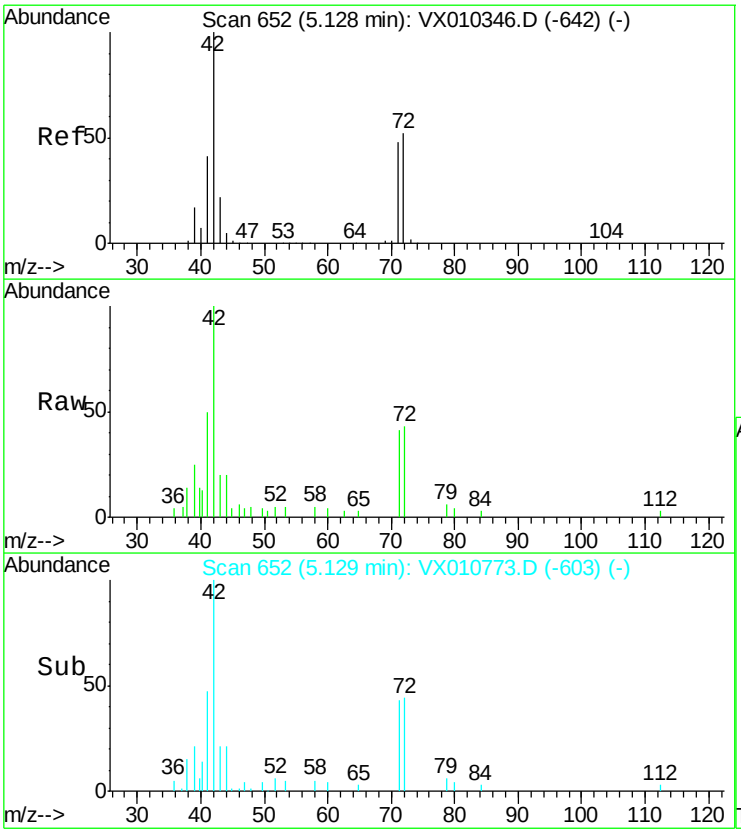
#24
1,1-Dichloroethane
Concen: 1.331 ug/l
RT: 3.70 min Scan# 417
Delta R.T. 0.00 min
Lab File: VX010773.D
Acq: 10 Jul 2019 13:39

Instrument : MSVOA_X
ClientSampleId : SP19-JMW0980

Tgt Ion: 63 Resp: 4314

Ion	Ratio	Lower	Upper
63	100		
98	10.4	3.9	11.7
100	8.1	2.4	7.1#

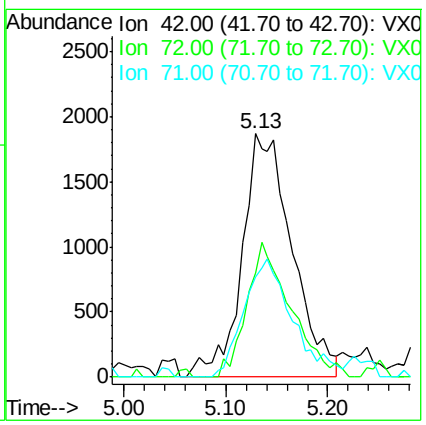


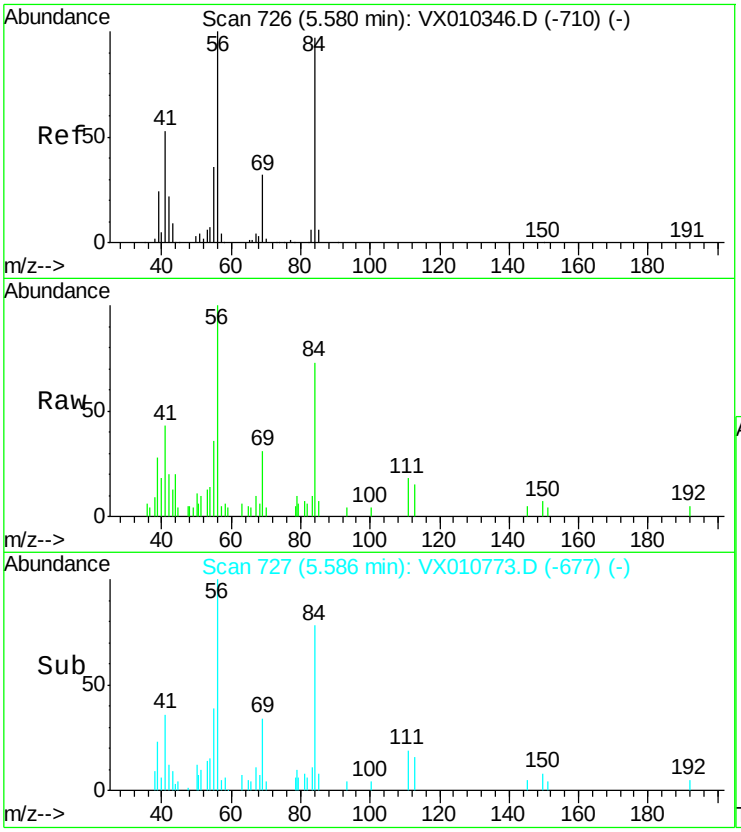


#29
Tetrahydrofuran
Concen: 6.851 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.00 min
Lab File: VX010773.D
Acq: 10 Jul 2019 13:39

Tgt Ion: 42 Resp: 6376

Ion	Ratio	Lower	Upper
42	100		
72	48.7	40.6	60.8
71	46.9	37.8	56.8



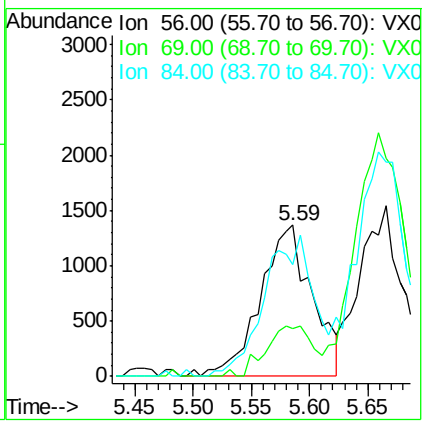


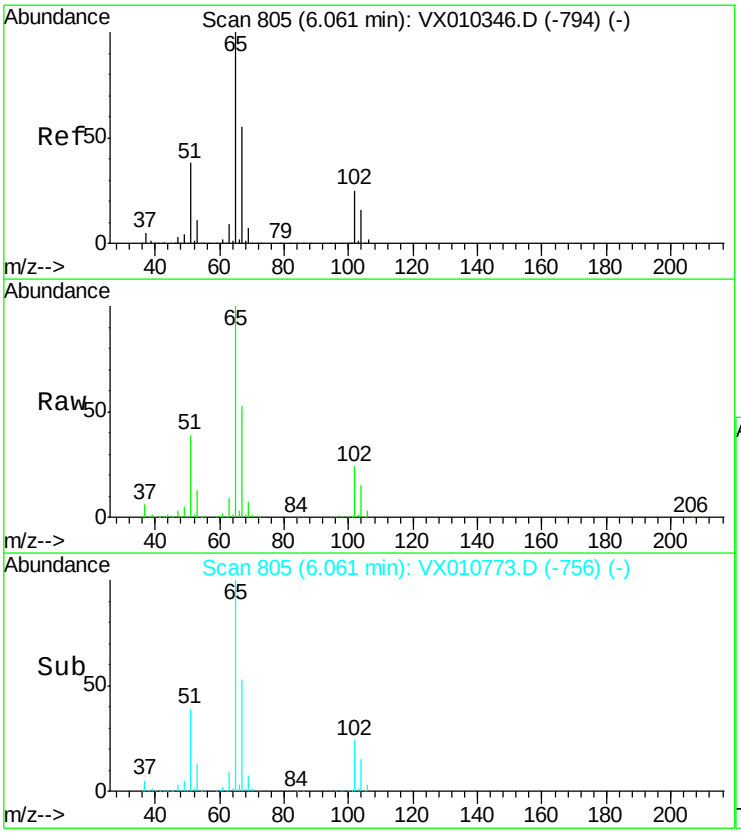
#31
Cyclohexane
Concen: 1.434 ug/l
RT: 5.59 min Scan# 727
Delta R.T. 0.01 min
Lab File: VX010773.D
Acq: 10 Jul 2019 13:39

Instrument :
MSVOA_X
ClientSampleId :
SP19-JMW0980

Tgt Ion: 56 Resp: 4234

Ion	Ratio	Lower	Upper
56	100		
69	31.5	25.9	38.9
84	69.1	78.0	117.0#

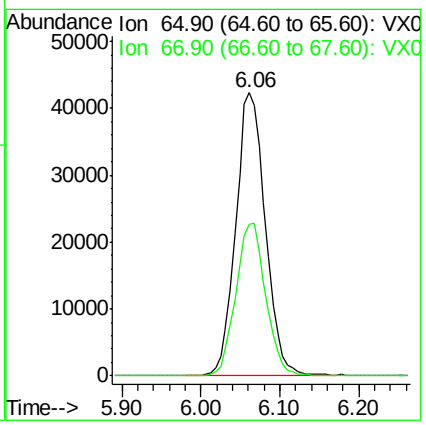


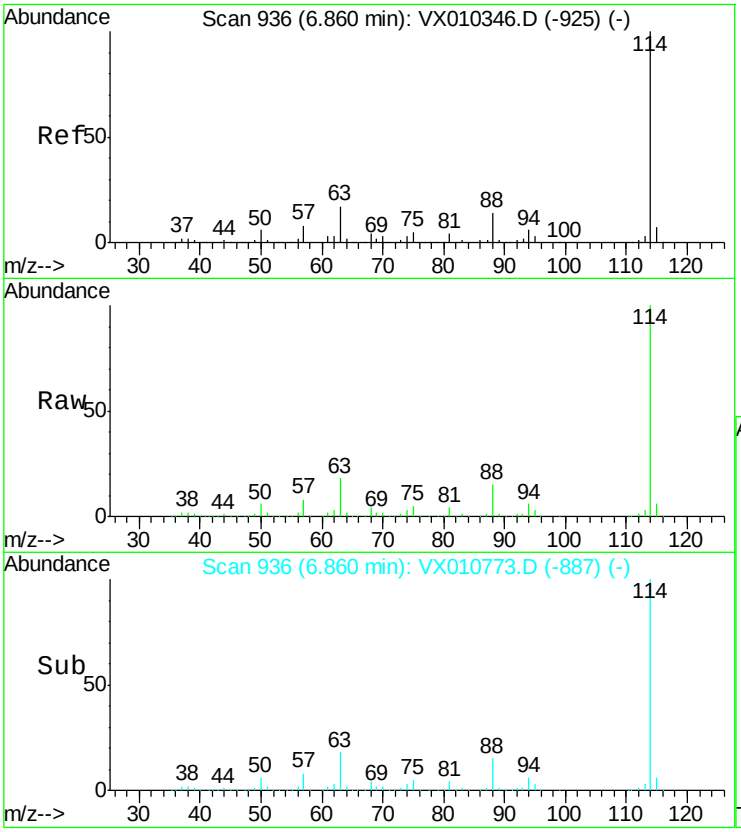


#33
1,2-Dichloroethane-d4
Concen: 54.036 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX010773.D
Acq: 10 Jul 2019 13:39

Tgt Ion: 65 Resp: 110445

Ion	Ratio	Lower	Upper
65	100		
67	54.5	0.0	110.2



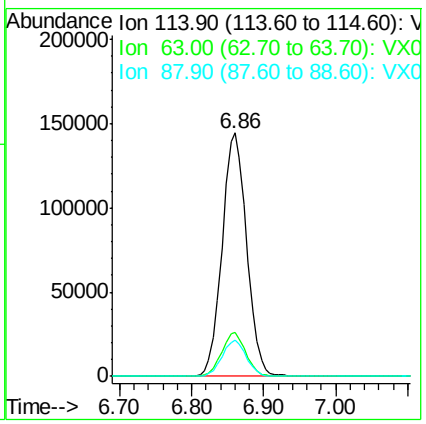


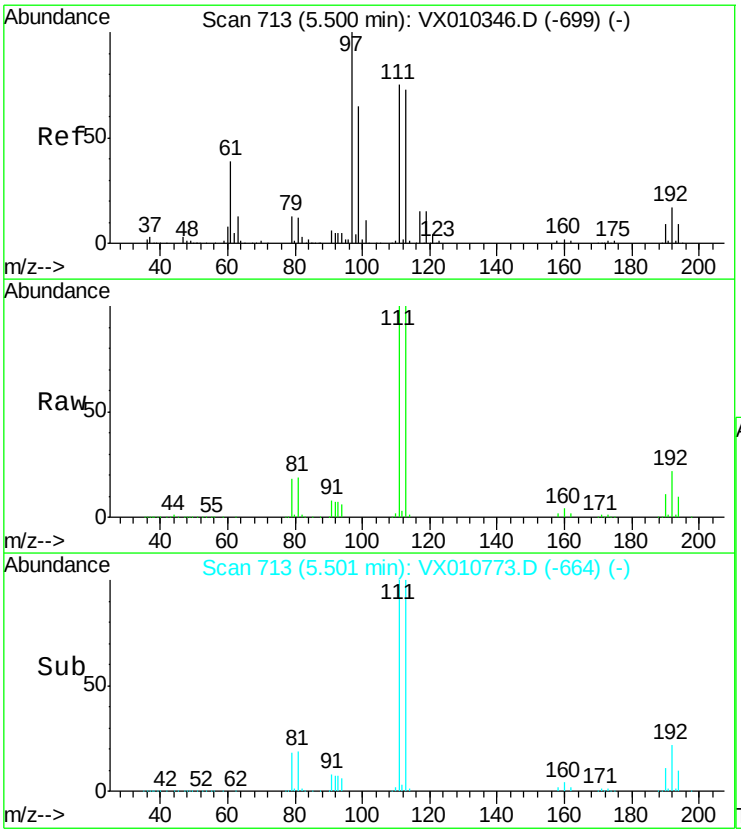
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX010773.D
Acq: 10 Jul 2019 13:39

Instrument :
MSVOA_X
ClientSampleId :
SP19-JMW0980

Tgt Ion:114 Resp: 342619

Ion	Ratio	Lower	Upper
114	100		
63	18.0	0.0	33.8
88	14.8	0.0	27.6

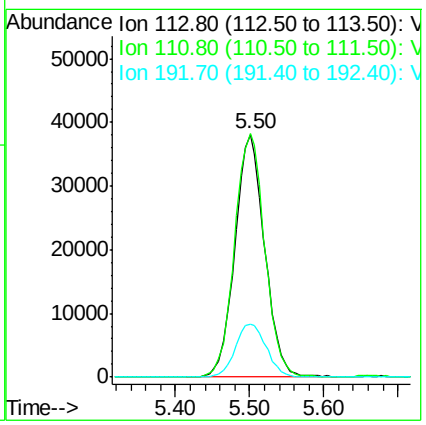


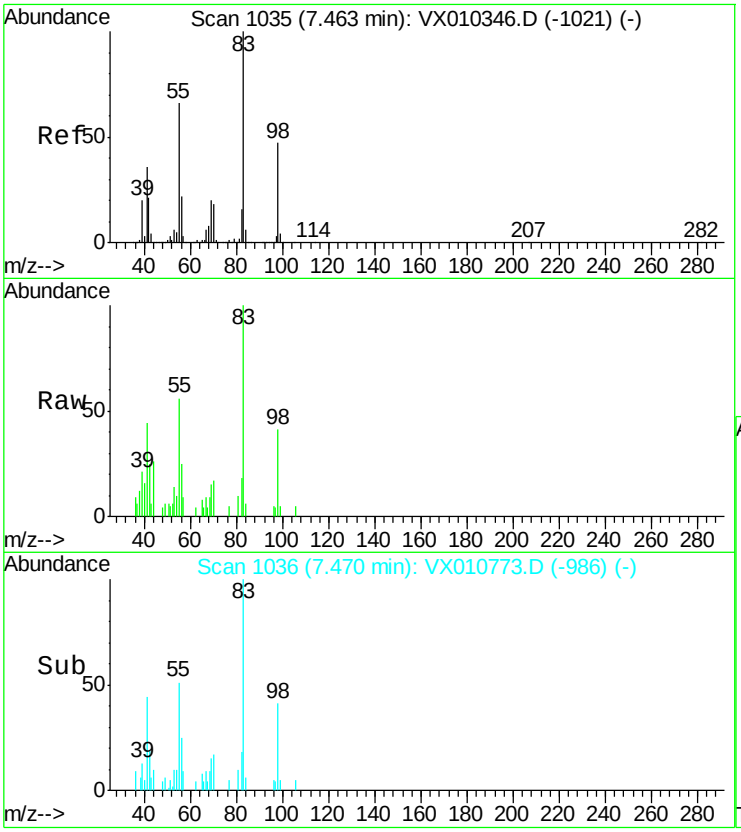


#35
Dibromofluoromethane
Concen: 50.722 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX010773.D
Acq: 10 Jul 2019 13:39

Tgt Ion:113 Resp: 106326

Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.2	121.8
192	22.9	18.6	27.8



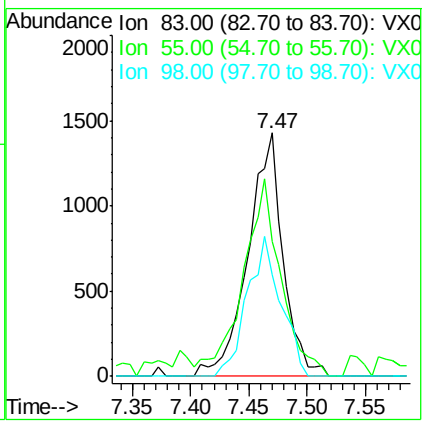


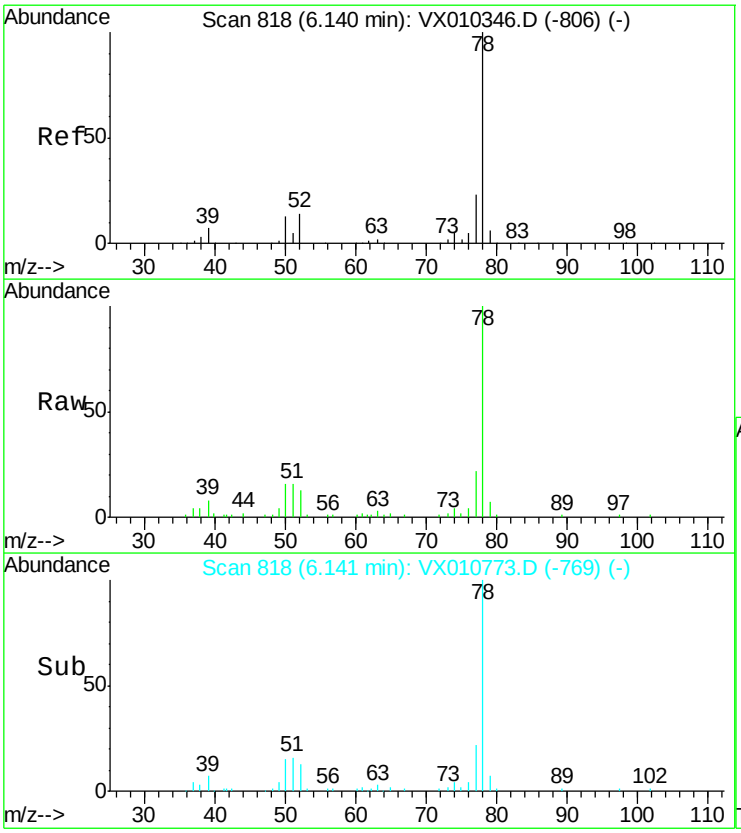
#39
Methylcyclohexane
Concen: 0.835 ug/l
RT: 7.47 min Scan# 1036
Delta R.T. 0.01 min
Lab File: VX010773.D
Acq: 10 Jul 2019 13:39

Instrument :
MSVOA_X
ClientSampleId :
SP19-JMW0980

Tgt Ion: 83 Resp: 2988

Ion	Ratio	Lower	Upper
83	100		
55	55.6	53.0	79.6
98	41.5	37.8	56.8

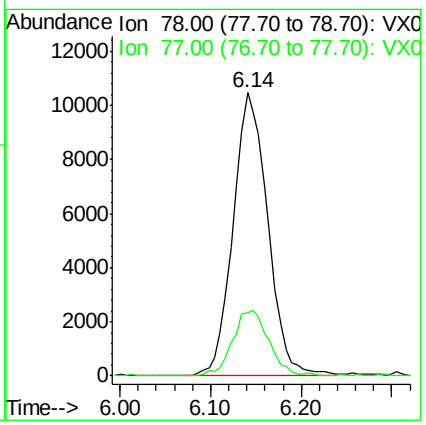


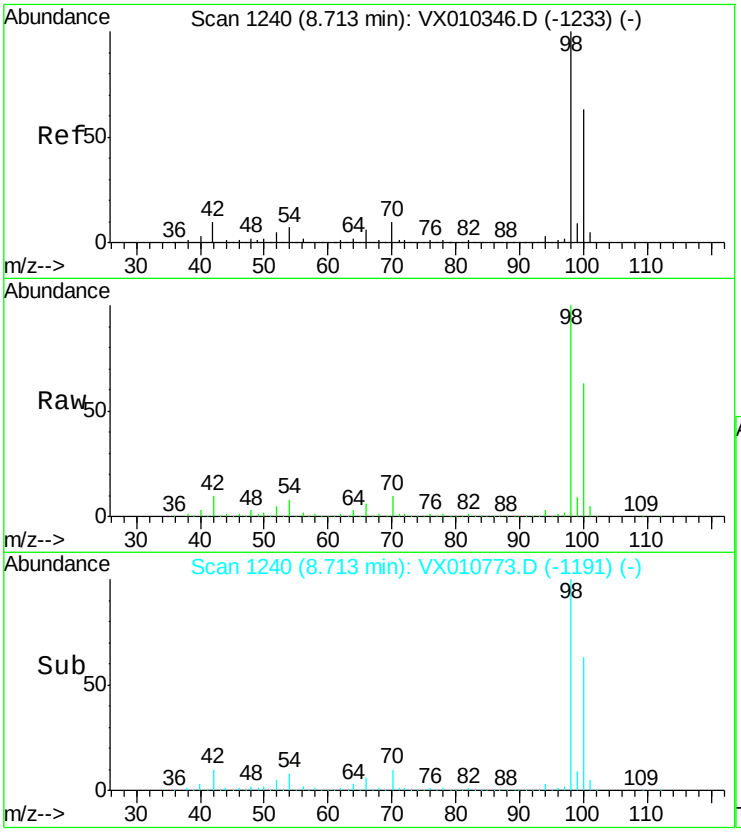


#40
Benzene
Concen: 3.278 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX010773.D
Acq: 10 Jul 2019 13:39

Tgt Ion: 78 Resp: 27801

Ion	Ratio	Lower	Upper
78	100		
77	22.2	18.6	28.0



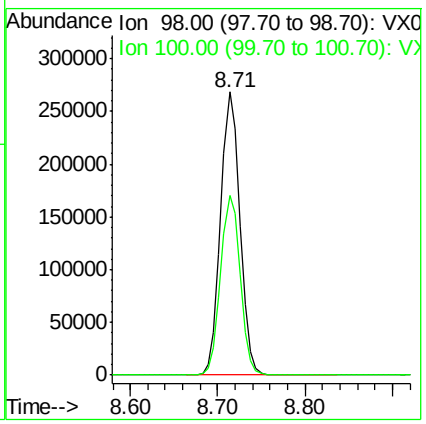


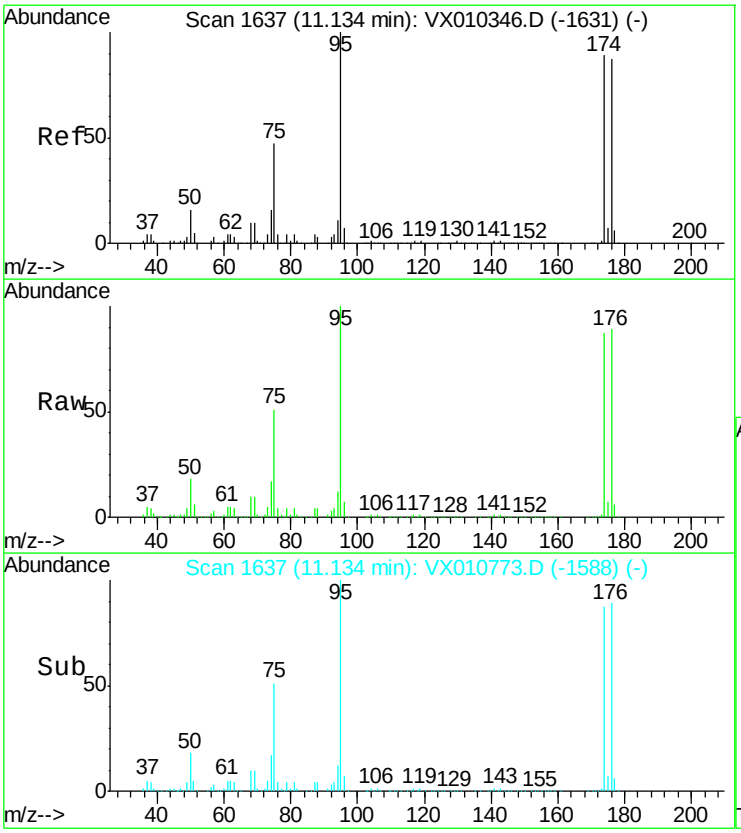
#50
Toluene-d8
Concen: 51.234 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010773.D
Acq: 10 Jul 2019 13:39

Instrument :
MSVOA_X
ClientSampleId :
SP19-JMW0980

Tgt Ion: 98 Resp: 410893

Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.6	77.4

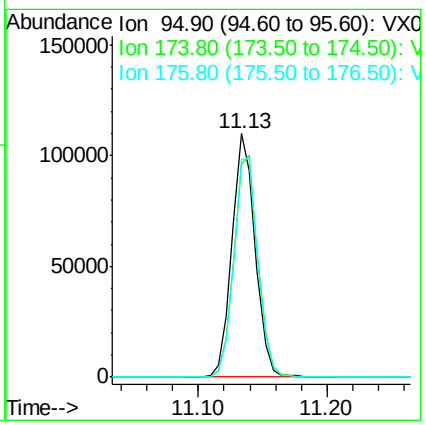


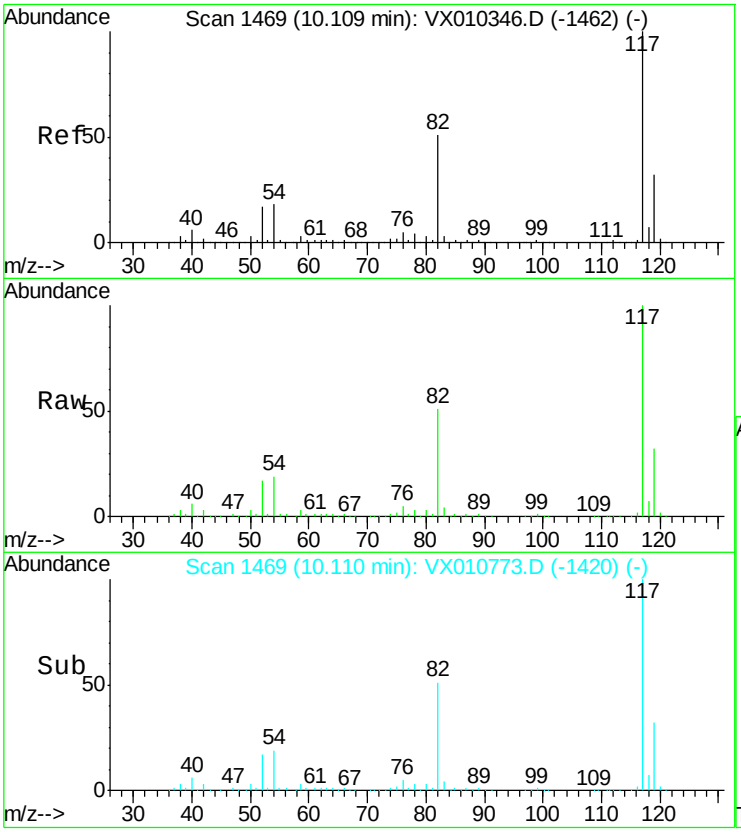


#62
4-Bromofluorobenzene
Concen: 47.739 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010773.D
Acq: 10 Jul 2019 13:39

Tgt Ion: 95 Resp: 138225

Ion	Ratio	Lower	Upper
95	100		
174	93.8	0.0	187.6
176	93.3	0.0	184.0



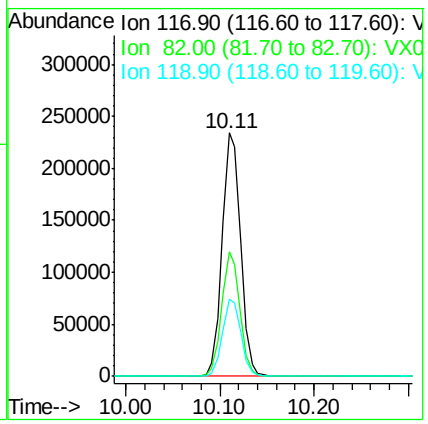


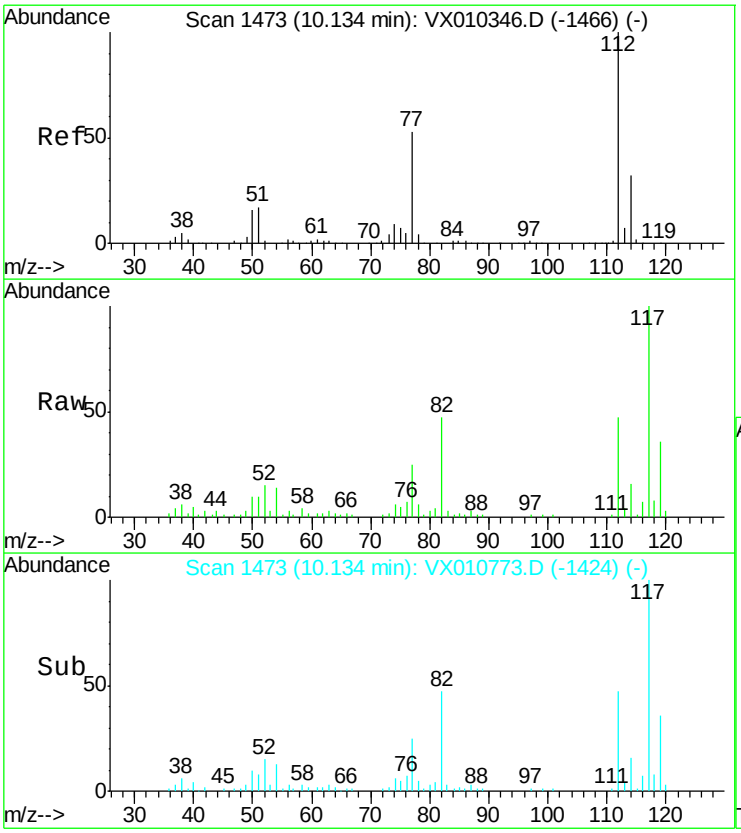
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010773.D
Acq: 10 Jul 2019 13:39

Instrument : MSVOA_X
ClientSampleId : SP19-JMW0980

Tgt Ion:117 Resp: 316939

Ion	Ratio	Lower	Upper
117	100		
82	51.4	41.2	61.8
119	31.6	25.5	38.3

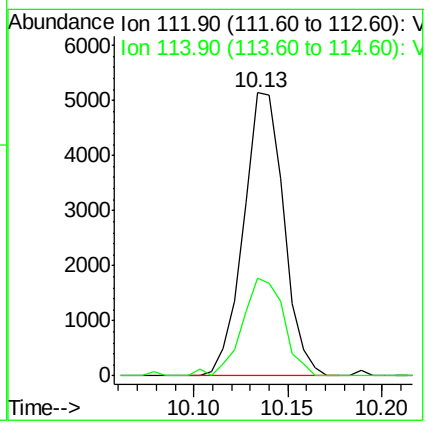


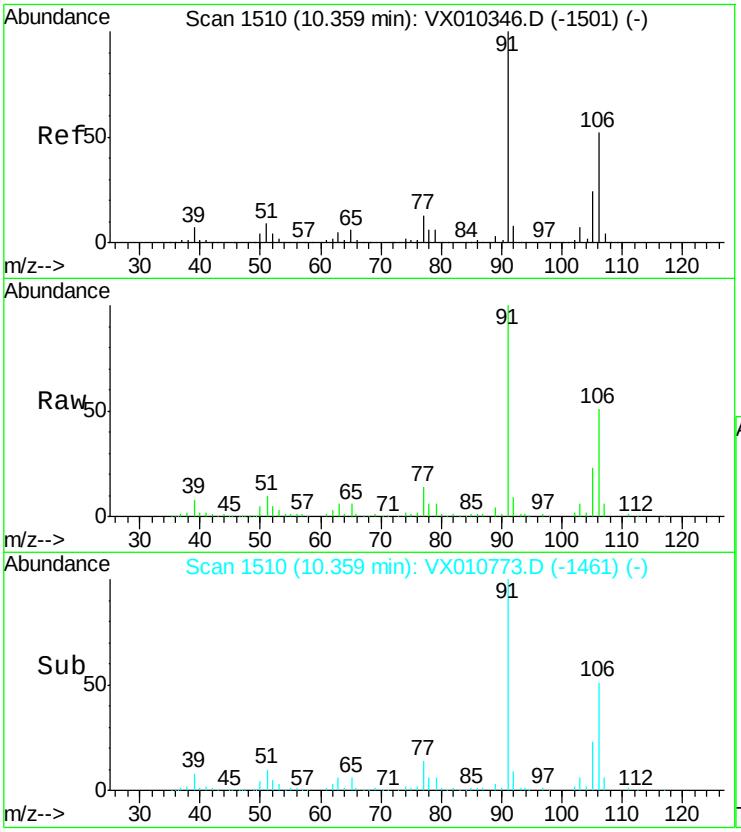


#65
Chlorobenzene
Concen: 1.185 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX010773.D
Acq: 10 Jul 2019 13:39

Tgt Ion:112 Resp: 7628

Ion	Ratio	Lower	Upper
112	100		
114	34.5	25.4	38.2



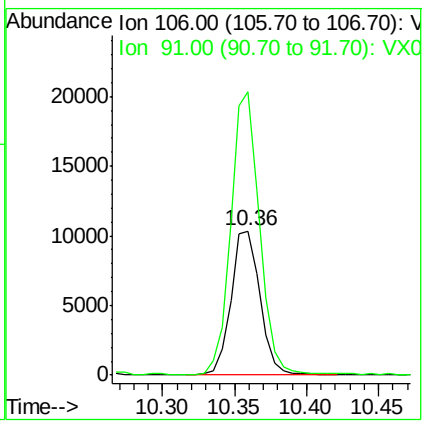


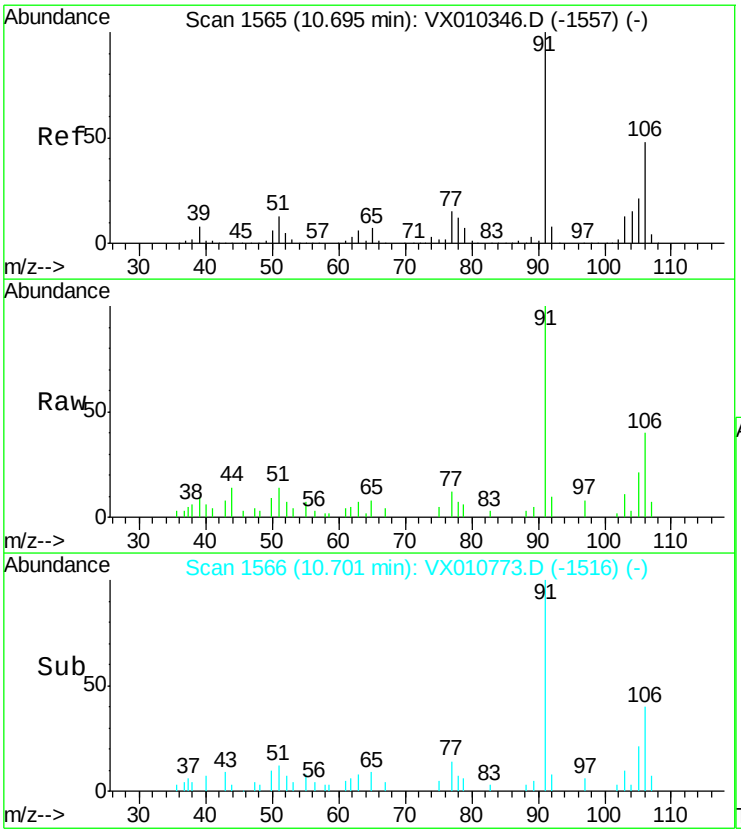
#68
m/p-Xylenes
Concen: 3.491 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010773.D
Acq: 10 Jul 2019 13:39

Instrument :
MSVOA_X
ClientSampleId :
SP19-JMW0980

Tgt Ion:106 Resp: 14694

Ion	Ratio	Lower	Upper
106	100		
91	192.6	155.3	232.9

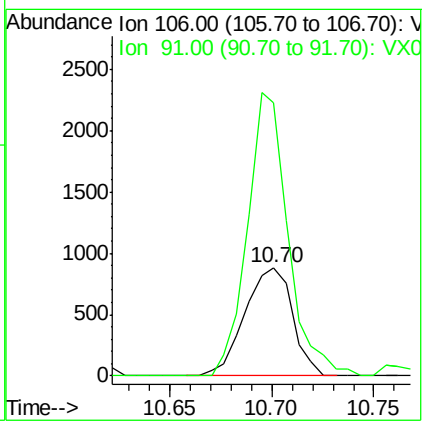


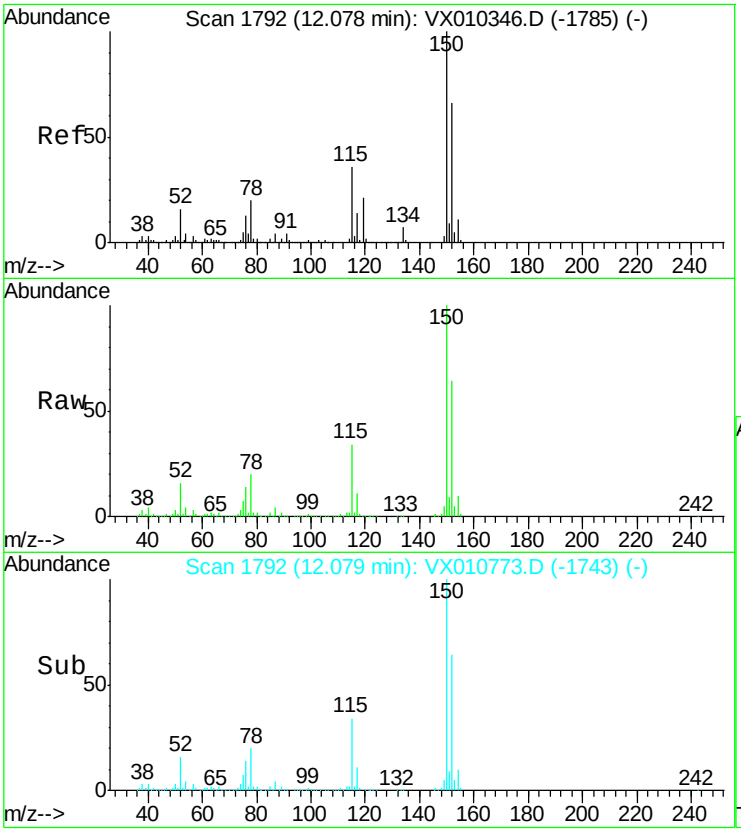


#69
o-Xylene
Concen: 0.346 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX010773.D
Acq: 10 Jul 2019 13:39

Tgt Ion:106 Resp: 1433

Ion	Ratio	Lower	Upper
106	100		
91	223.8	102.7	308.1



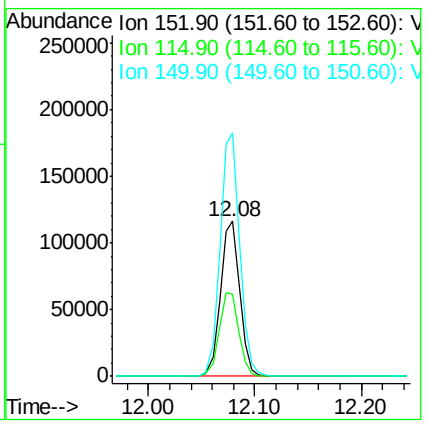


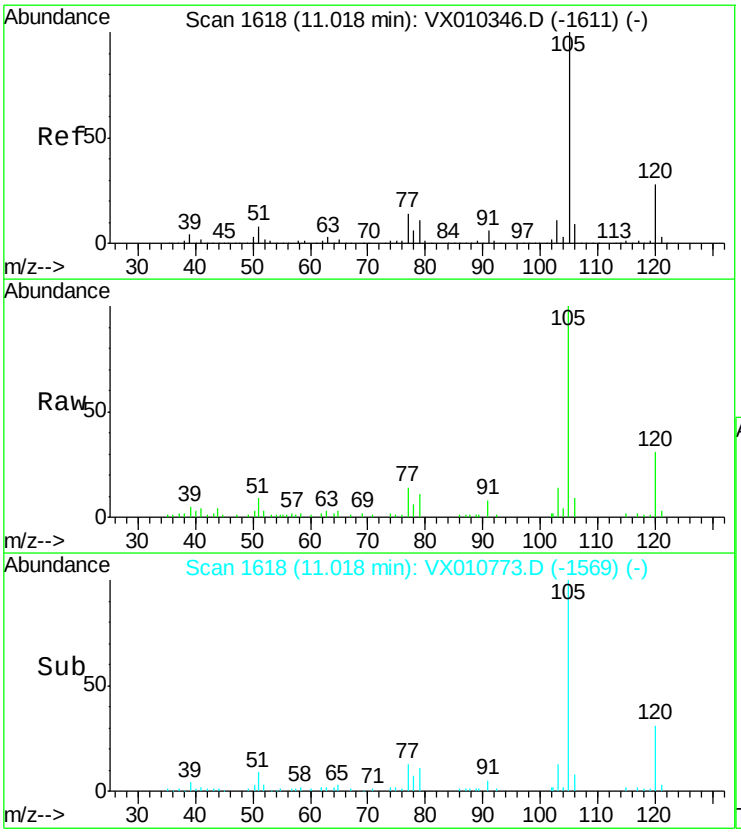
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010773.D
Acq: 10 Jul 2019 13:39

Instrument :
MSVOA_X
ClientSampleId :
SP19-JMW0980

Tgt Ion:152 Resp: 146856

Ion	Ratio	Lower	Upper
152	100		
115	54.8	38.6	115.7
150	159.4	0.0	347.4

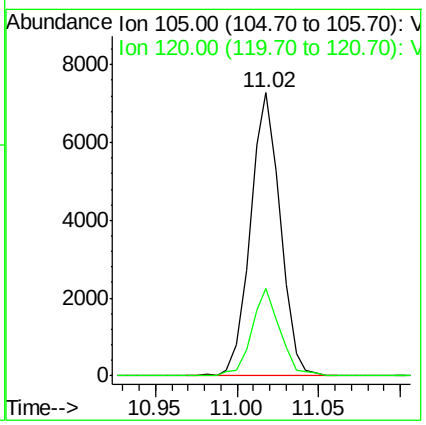


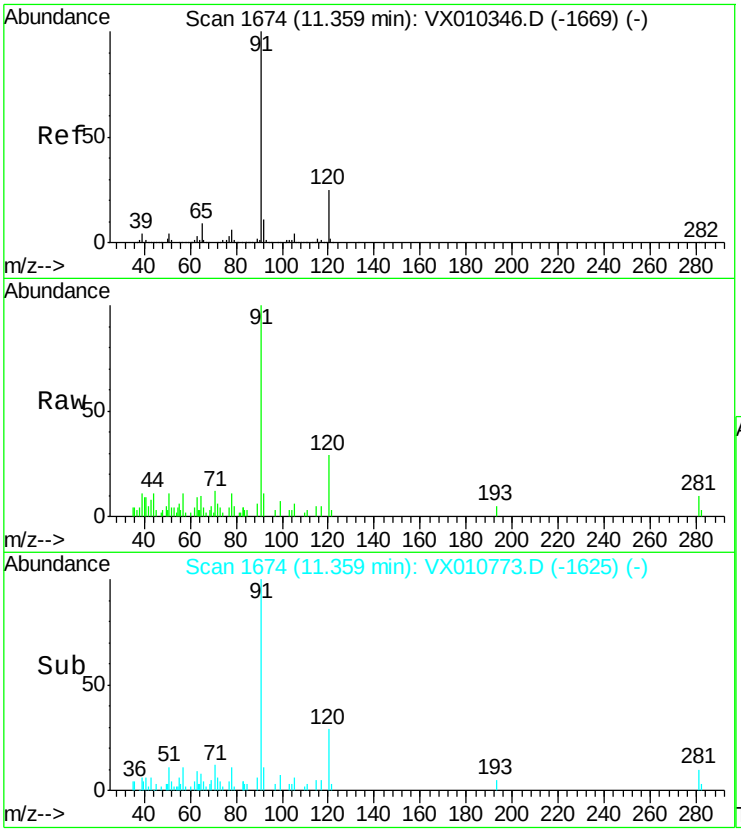


#73
Isopropylbenzene
Concen: 0.932 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX010773.D
Acq: 10 Jul 2019 13:39

Tgt Ion:105 Resp: 9274

Ion	Ratio	Lower	Upper
105	100		
120	29.2	14.1	42.4



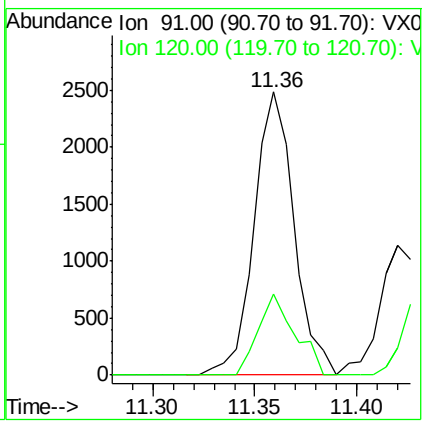


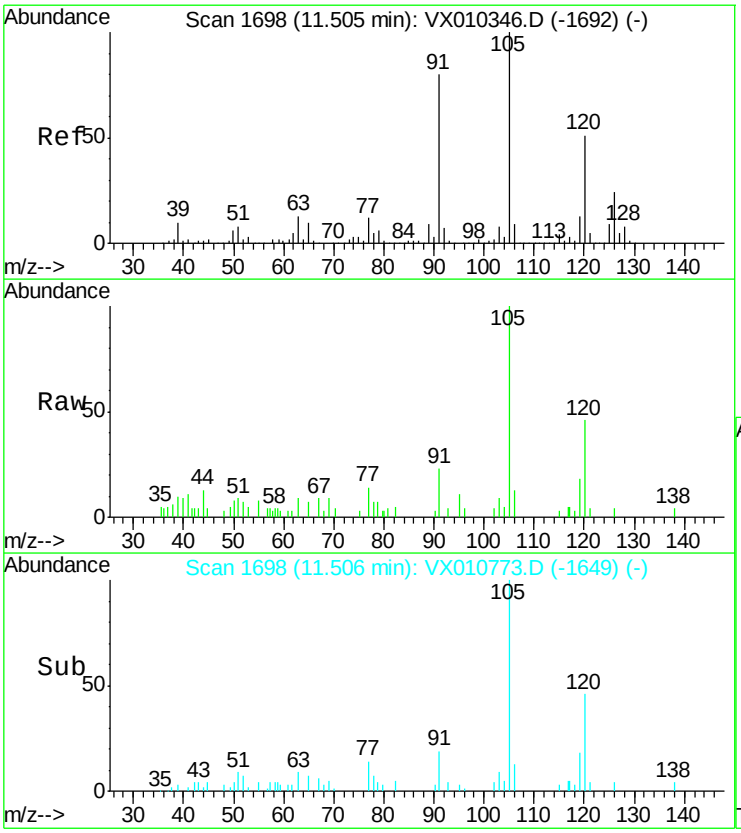
#78
n-propylbenzene
Concen: 0.310 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VX010773.D
Acq: 10 Jul 2019 13:39

Instrument :
MSVOA_X
ClientSampleId :
SP19-JMW0980

Tgt Ion: 91 Resp: 3395

Ion	Ratio	Lower	Upper
91	100		
120	26.5	12.4	37.4

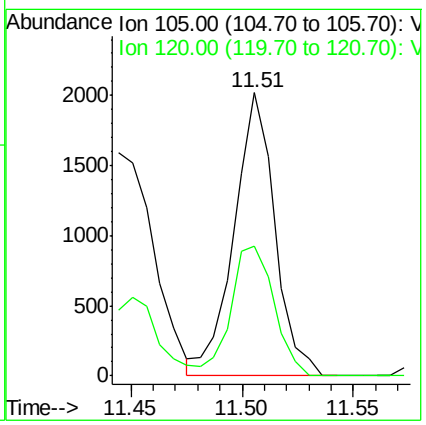


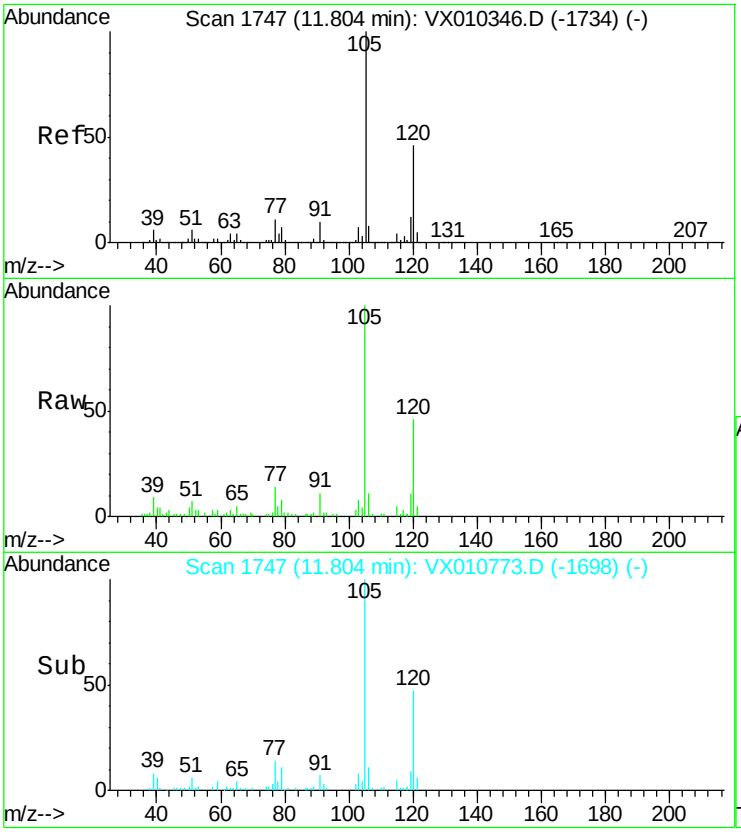


#80
1,3,5-Trimethylbenzene
Concen: 0.314 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX010773.D
Acq: 10 Jul 2019 13:39

Tgt Ion:105 Resp: 2581

Ion	Ratio	Lower	Upper
105	100		
120	48.1	25.2	75.6



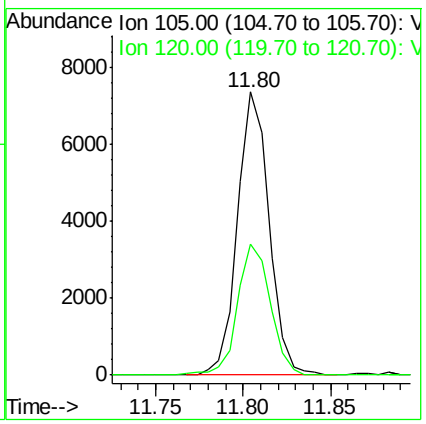


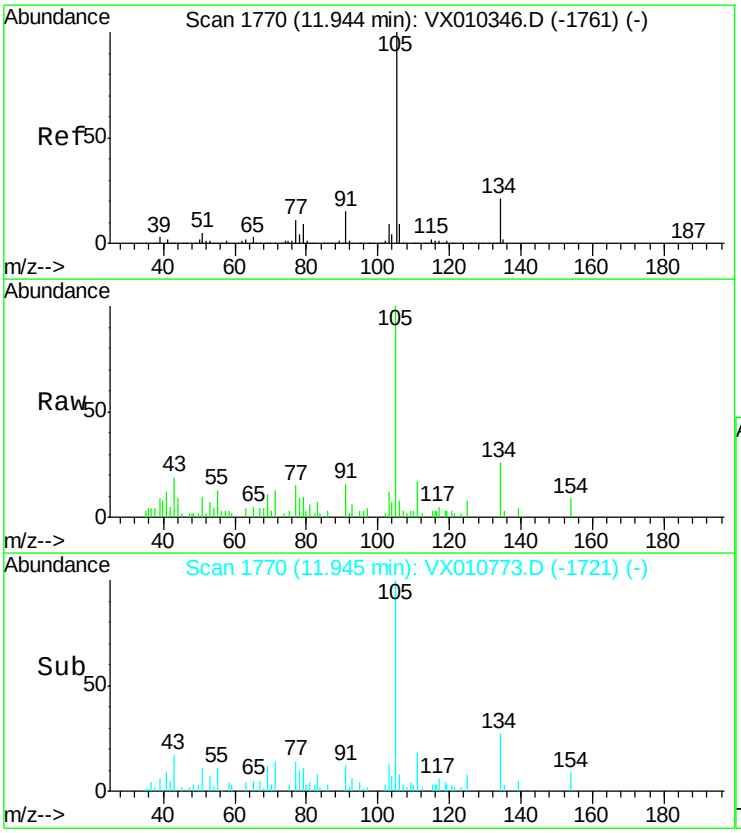
#84
1,2,4-Trimethylbenzene
Concen: 1.120 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX010773.D
Acq: 10 Jul 2019 13:39

Instrument :
MSVOA_X
ClientSampleId :
SP19-JMW0980

Tgt Ion:105 Resp: 9231

Ion	Ratio	Lower	Upper
105	100		
120	48.1	23.1	69.2

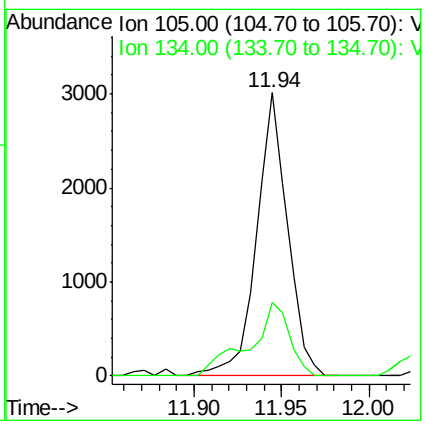


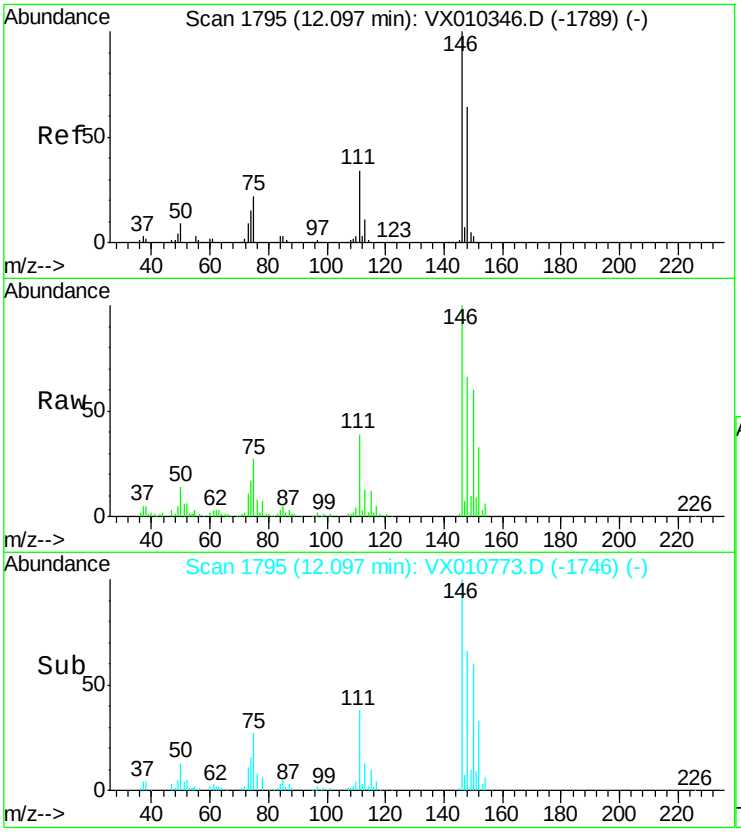


#85
sec-Butylbenzene
Concen: 0.383 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. 0.00 min
Lab File: VX010773.D
Acq: 10 Jul 2019 13:39

Tgt Ion:105 Resp: 3707

Ion	Ratio	Lower	Upper
105	100		
134	33.7	10.7	31.9#



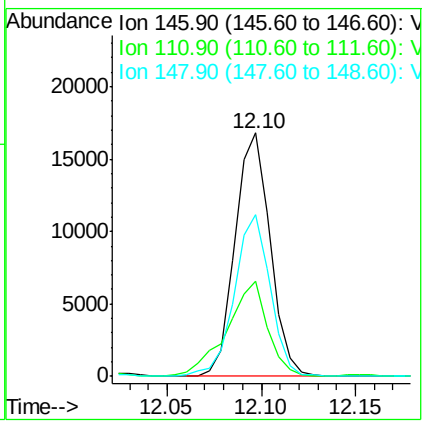


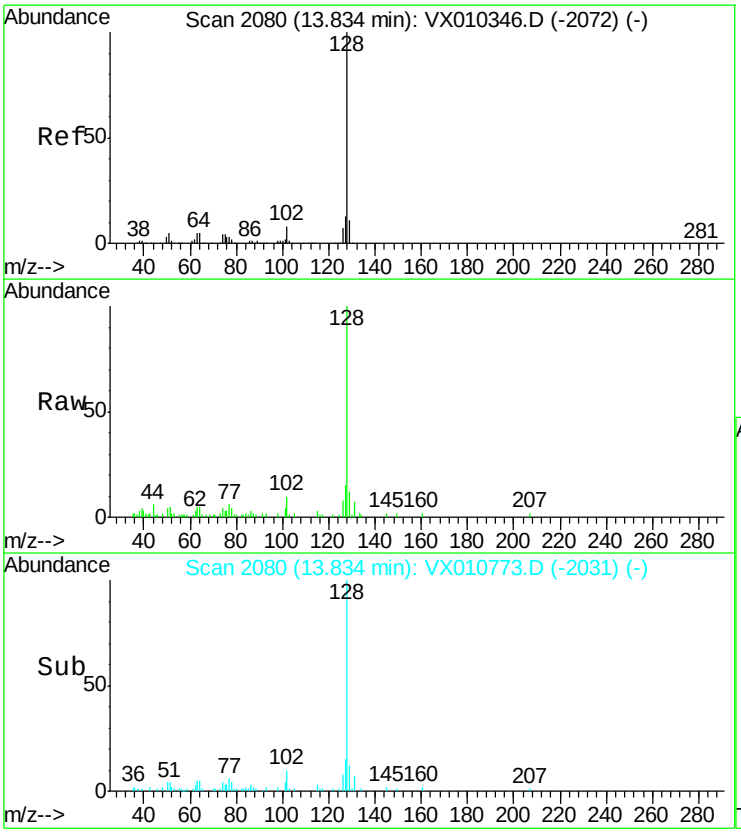
#88
1,4-Dichlorobenzene
Concen: 4.384 ug/l
RT: 12.10 min Scan# 1795
Delta R.T. 0.00 min
Lab File: VX010773.D
Acq: 10 Jul 2019 13:39

Instrument :
MSVOA_X
ClientSampleId :
SP19-JMW0980

Tgt Ion:146 Resp: 21656

Ion	Ratio	Lower	Upper
146	100		
111	45.7	18.1	54.3
148	67.7	32.1	96.3





#95
Naphthalene
Concen: 0.845 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX010773.D
Acq: 10 Jul 2019 13:39

Tgt Ion:128 Resp: 8689

Ion	Ratio	Lower	Upper
128	100		
127	17.9	10.2	15.4#
129	18.2	8.9	13.3#