Quantitation Report (QT/LSC Reviewed)

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX050518\
Data File : VX001434.D
Acq On : 05 May 2018 22:22
Operator : JC/MD
Sample : J2729-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : VB16119

Quant Time: May 06 08:30:47 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
Quant Title : SW846 8260
QLast Update : Sun May 06 07:59:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.67	168	253404	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	338741	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	299319	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	171026	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	162980	44.75	ug/l		0.00
Spiked Amount 50.000			Recovery = 89.50%				
35) Dibromofluoromethane	5.51	113	127152	42.20	ug/l		0.00
Spiked Amount 50.000			Recovery = 84.40%				
50) Toluene-d8	8.72	98	468605	42.61	ug/l		0.00
Spiked Amount 50.000			Recovery = 85.22%				
62) 4-Bromofluorobenzene	11.14	95	157665	37.34	ug/l		0.00
Spiked Amount 50.000			Recovery = 74.68%				
Target Compounds							Qvalue
16) Acetone	2.45	43	1026144	620.456	ug/l		100
17) Carbon Disulfide	2.57	76	2361	0.331	ug/l	#	70
25) 2-Butanone	4.72	43	782852	327.462	ug/l		100
29) Tetrahydrofuran	5.17	42	1281770	837.978	ug/l		100
31) Cyclohexane	5.57	56	2093	0.447	ug/l		87
39) Methylcyclohexane	7.46	83	6219	1.221	ug/l		93
51) 4-Methyl-2-Pentanone	8.66	43	14435	2.996	ug/l		96
67) Ethyl Benzene	10.26	91	4587	0.319	ug/l		98
68) m/p-Xylenes	10.36	106	8341	1.467	ug/l		98
69) o-Xylene	10.71	106	2062	0.373	ug/l		86
73) Isopropylbenzene	11.02	105	19063	1.610	ug/l		100
78) n-propylbenzene	11.37	91	28861	2.239	ug/l		96
80) 1,3,5-Trimethylbenzene	11.51	105	133356	13.529	ug/l		100
84) 1,2,4-Trimethylbenzene	11.81	105	85480	8.437	ug/l		99
85) sec-Butylbenzene	11.95	105	12873	1.093	ug/l		82
86) p-Isopropyltoluene	12.07	119	15281	1.415	ug/l		97
95) Naphthalene	13.84	128	32881	2.595	ug/l	#	84

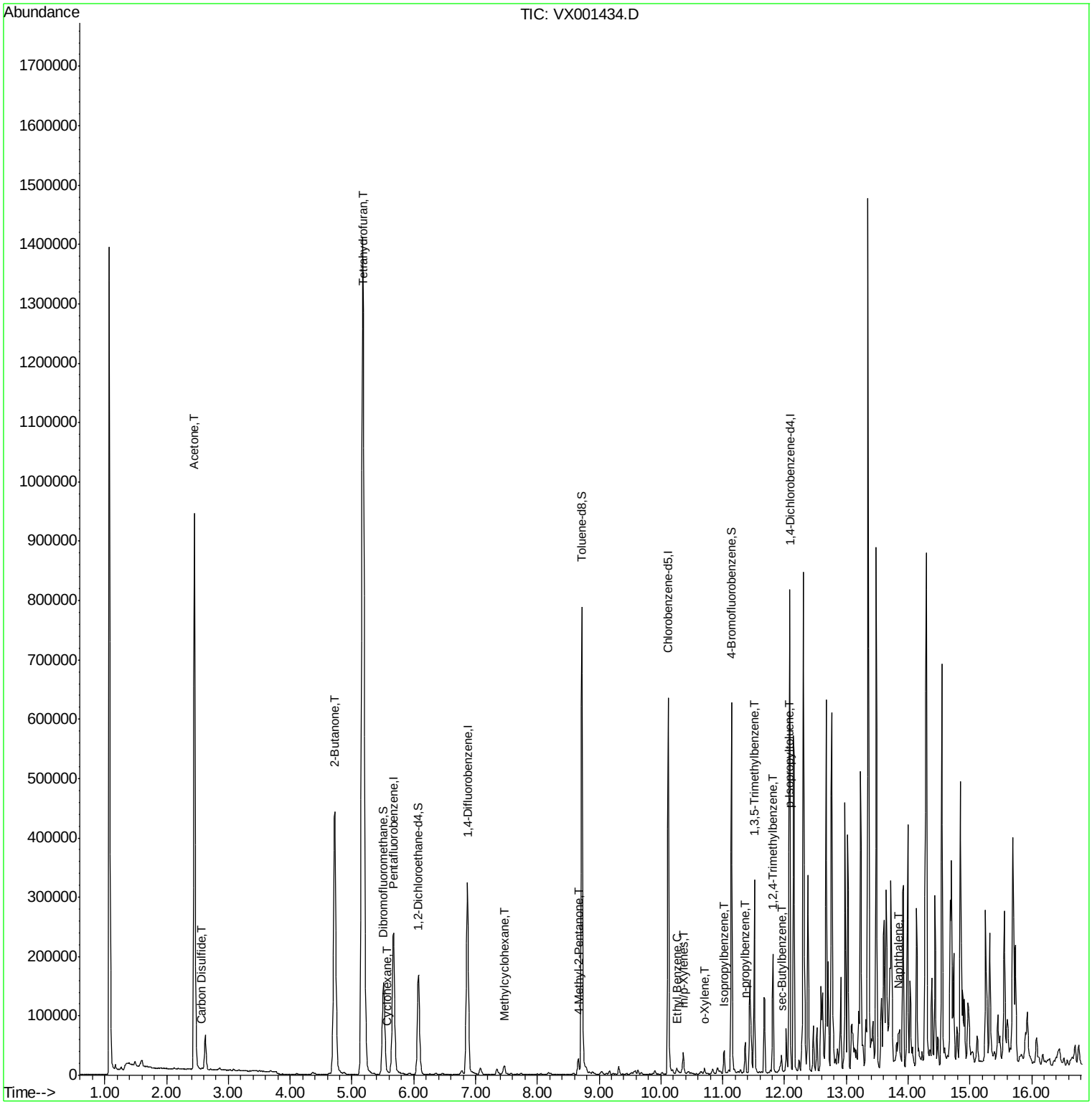
(#) = qualifier out of range (m) = manual integration (+) = signals summed

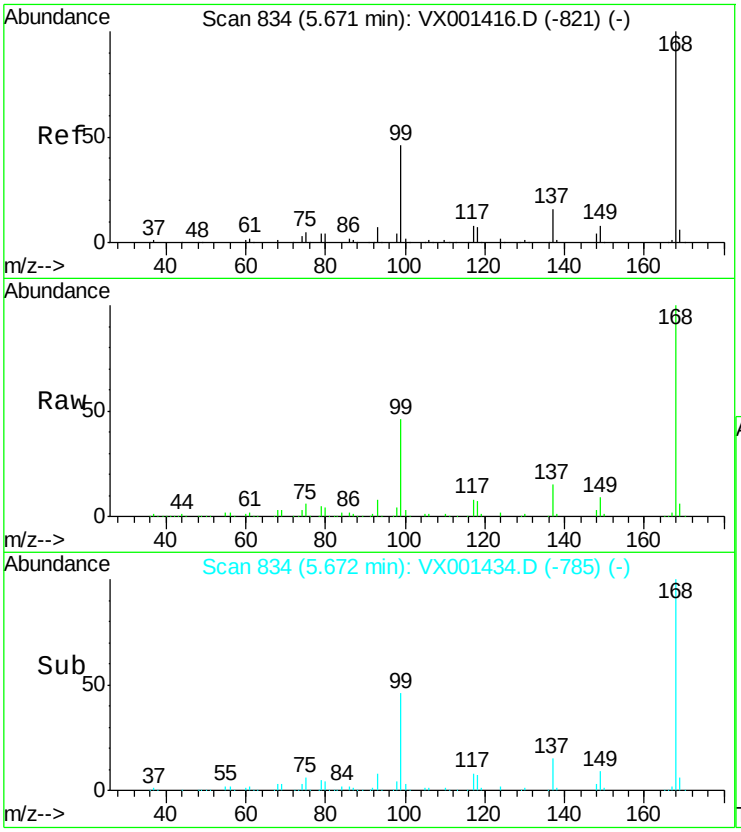
Quantitation Report (QT/LSC Reviewed)

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX050518\
Data File : VX001434.D
Acq On : 05 May 2018 22:22
Operator : JC/MD
Sample : J2729-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : VB16119

Quant Time: May 06 08:30:47 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
Quant Title : SW846 8260
QLast Update : Sun May 06 07:59:25 2018
Response via : Initial Calibration



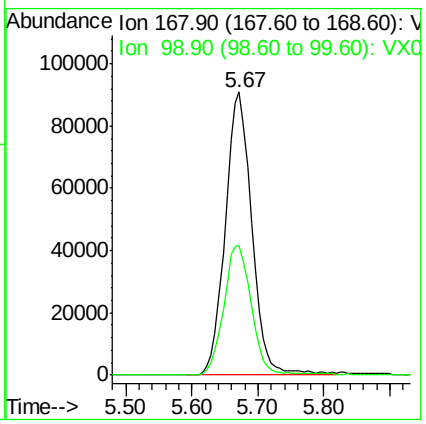


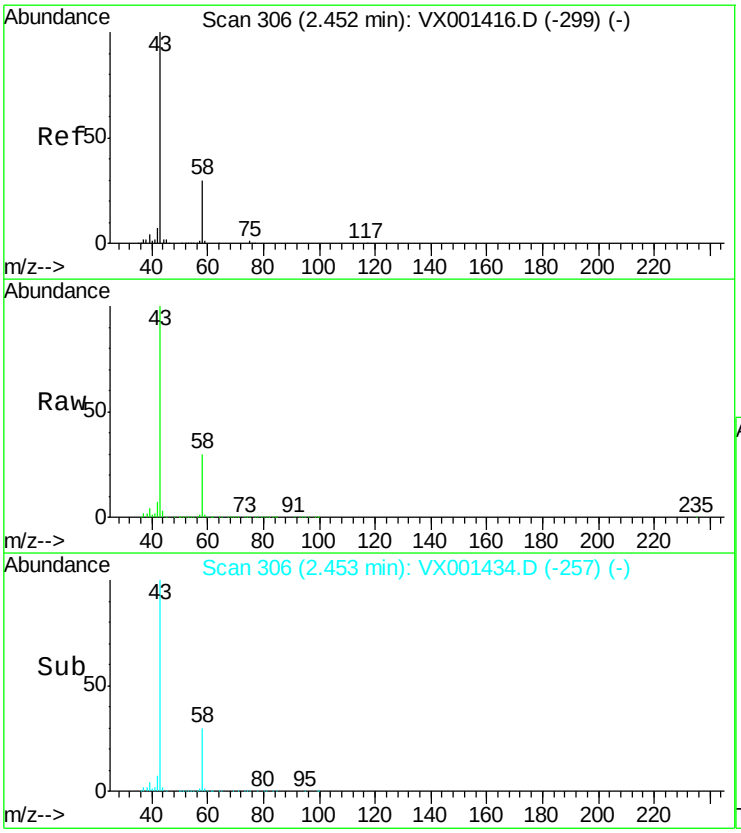
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.00 min
Lab File: VX001434.D
Acq: 05 May 2018 22:22

Instrument :
MSVOA_X
ClientSampleId :
VB16119

Tgt Ion:168 Resp: 253404

Ion	Ratio	Lower	Upper
168	100		
99	45.7	36.6	54.8

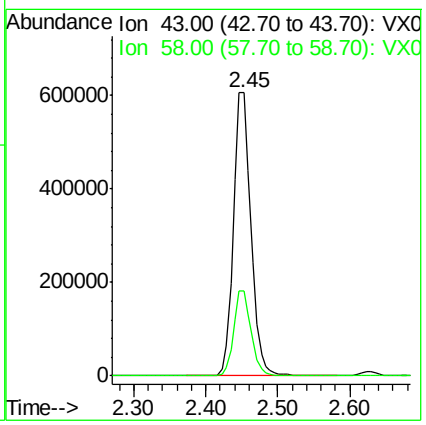


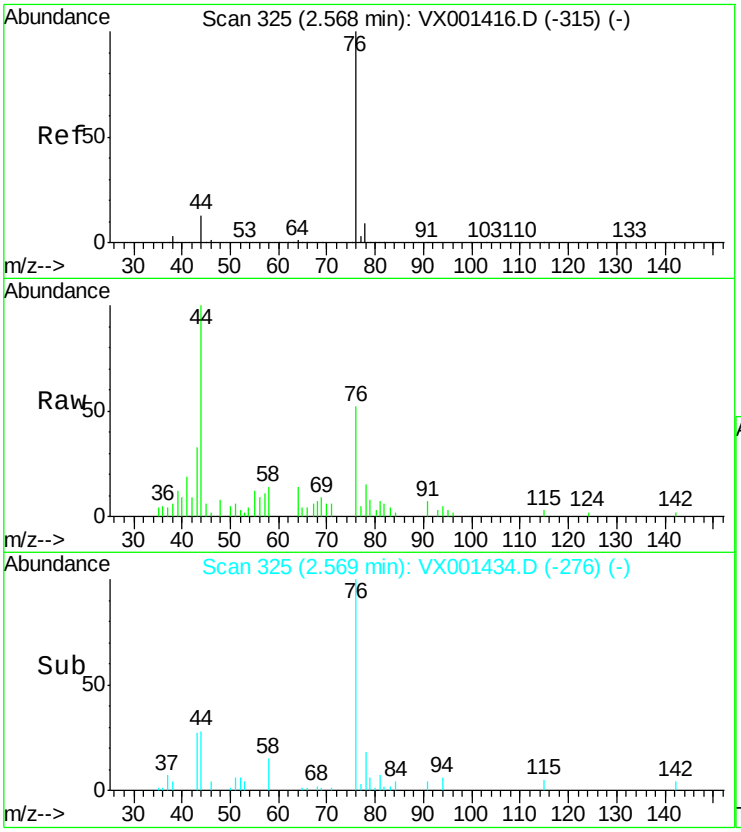


#16
Acetone
Concen: 620.456 ug/l
RT: 2.45 min Scan# 306
Delta R.T. 0.00 min
Lab File: VX001434.D
Acq: 05 May 2018 22:22

Tgt Ion: 43 Resp: 1026144

Ion	Ratio	Lower	Upper
43	100		
58	30.0	23.8	35.8



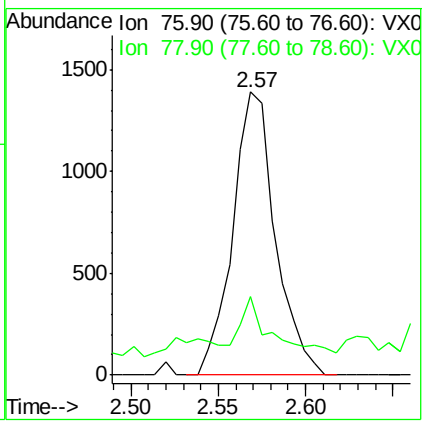


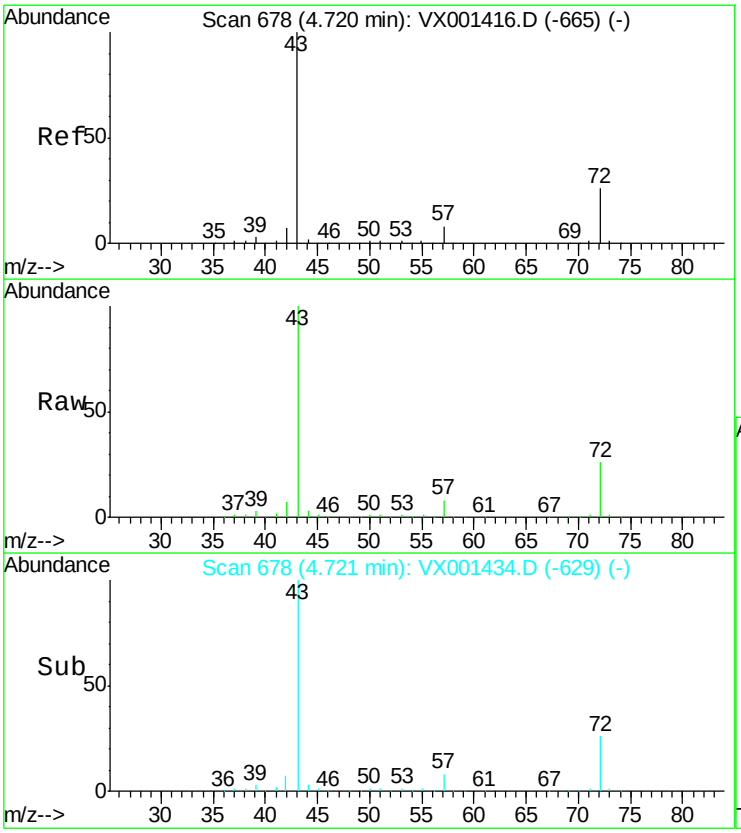
#17
Carbon Disulfide
Concen: 0.331 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX001434.D
Acq: 05 May 2018 22:22

Instrument :
MSVOA_X
ClientSampleId :
VB16119

Tgt Ion: 76 Resp: 2361

Ion	Ratio	Lower	Upper
76	100		
78	20.1	7.4	11.2#

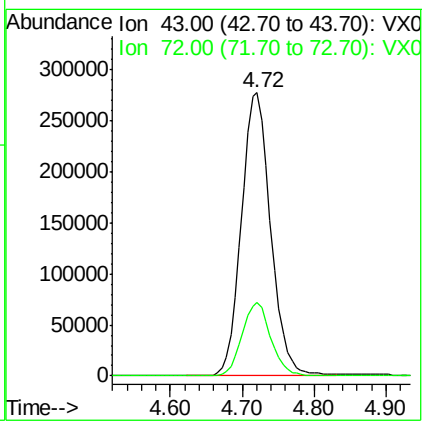


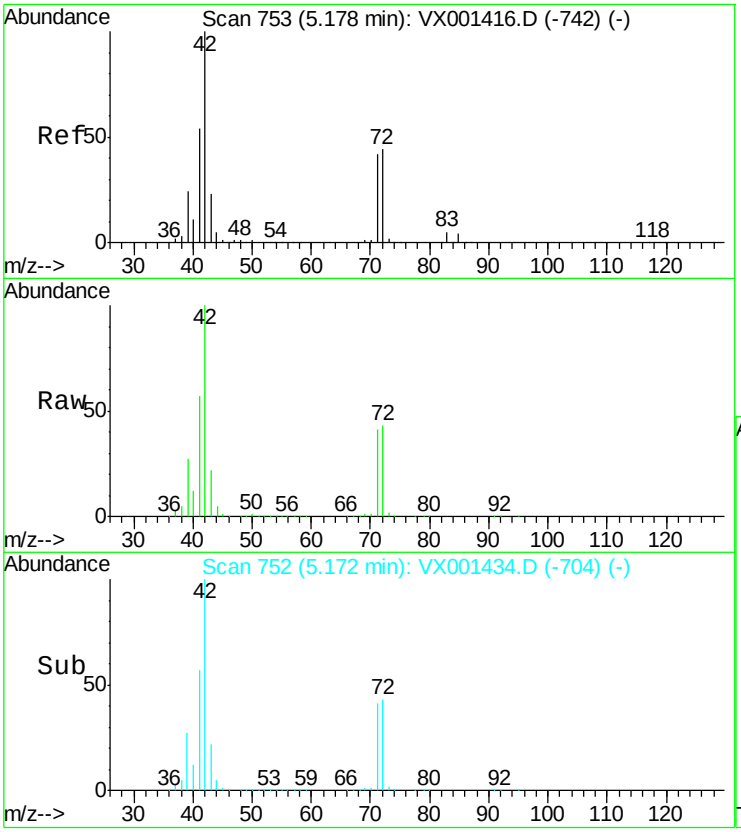


#25
2-Butanone
Concen: 327.462 ug/l
RT: 4.72 min Scan# 678
Delta R.T. 0.00 min
Lab File: VX001434.D
Acq: 05 May 2018 22:22

Tgt Ion: 43 Resp: 782852

Ion	Ratio	Lower	Upper
43	100		
72	26.0	20.7	31.1



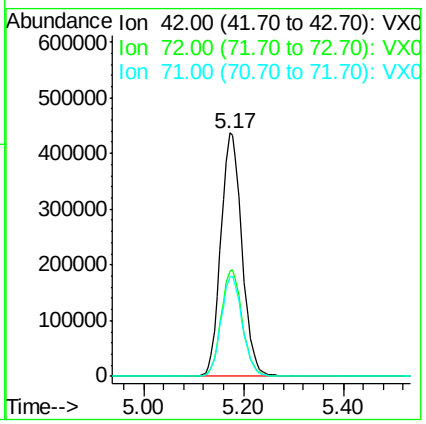


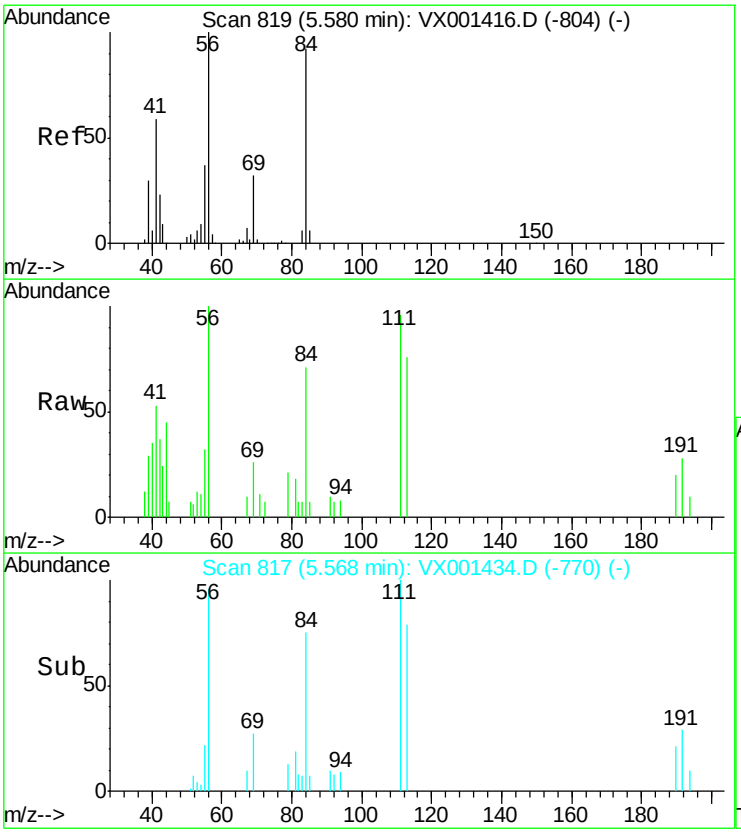
#29
Tetrahydrofuran
Concen: 837.978 ug/l
RT: 5.17 min Scan# 752
Delta R.T. -0.01 min
Lab File: VX001434.D
Acq: 05 May 2018 22:22

Instrument :
MSVOA_X
ClientSampleId :
VB16119

Tgt Ion: 42 Resp: 1281770

Ion	Ratio	Lower	Upper
42	100		
72	43.8	35.4	53.2
71	41.3	33.0	49.4

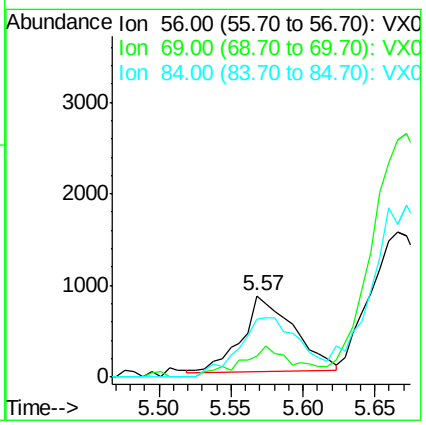


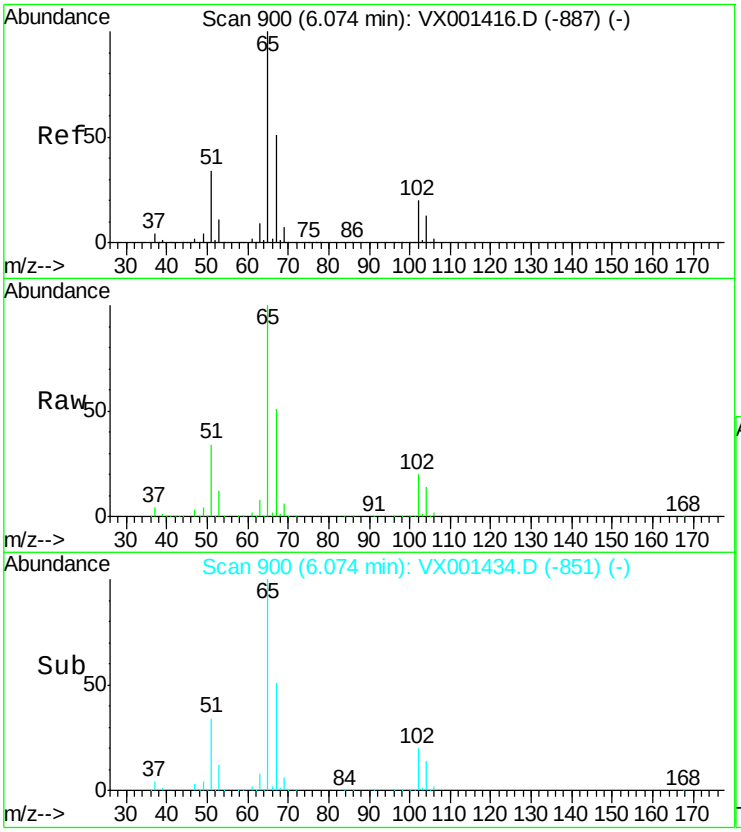


#31
Cyclohexane
Concen: 0.447 ug/l
RT: 5.57 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX001434.D
Acq: 05 May 2018 22:22

Tgt Ion: 56 Resp: 2093

Ion	Ratio	Lower	Upper
56	100		
69	28.5	25.4	38.0
84	77.3	73.8	110.8



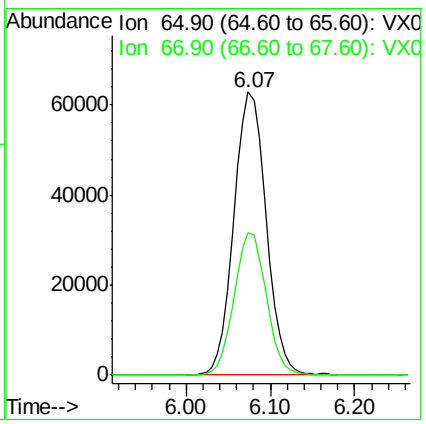


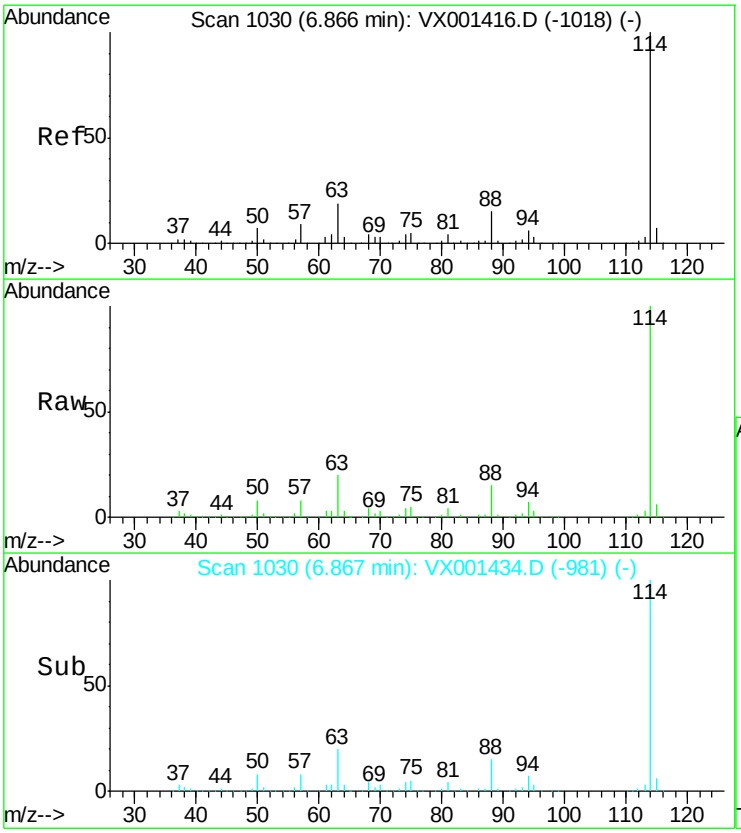
#33
1,2-Dichloroethane-d4
Concen: 44.747 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.00 min
Lab File: VX001434.D
Acq: 05 May 2018 22:22

Instrument : MSVOA_X
ClientSampleId : VB16119

Tgt Ion: 65 Resp: 162980

Ion	Ratio	Lower	Upper
65	100		
67	50.2	0.0	101.8

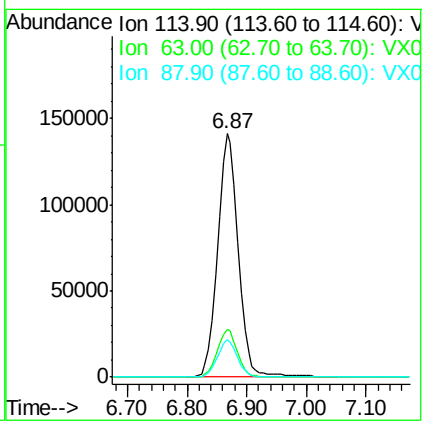


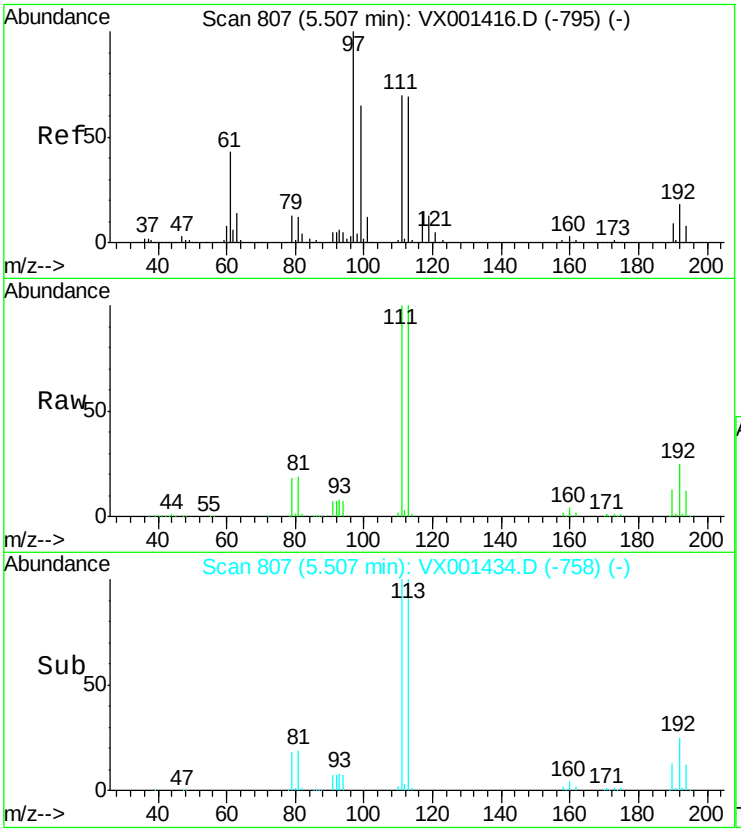


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VX001434.D
Acq: 05 May 2018 22:22

Tgt Ion:114 Resp: 338741

Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	38.6
88	15.2	0.0	30.8



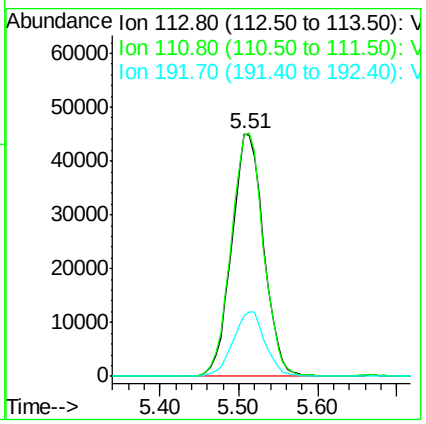


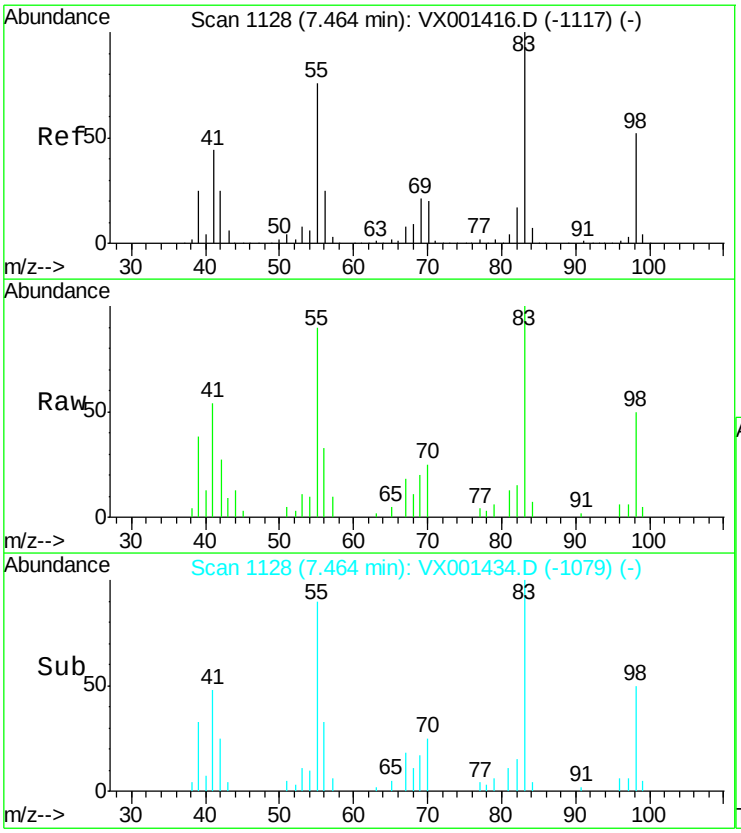
#35
Dibromofluoromethane
Concen: 42.200 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.00 min
Lab File: VX001434.D
Acq: 05 May 2018 22:22

Instrument :
MSVOA_X
ClientSampleId :
VB16119

Tgt Ion:113 Resp: 127152

Ion	Ratio	Lower	Upper
113	100		
111	101.2	82.2	123.2
192	26.6	21.4	32.0

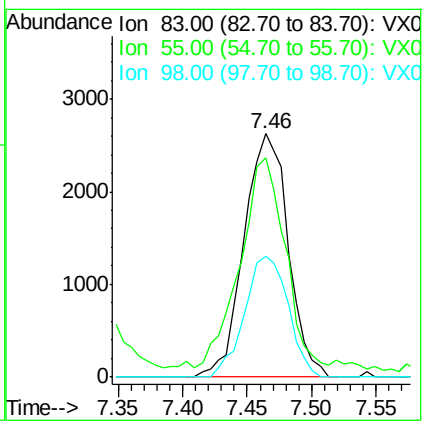


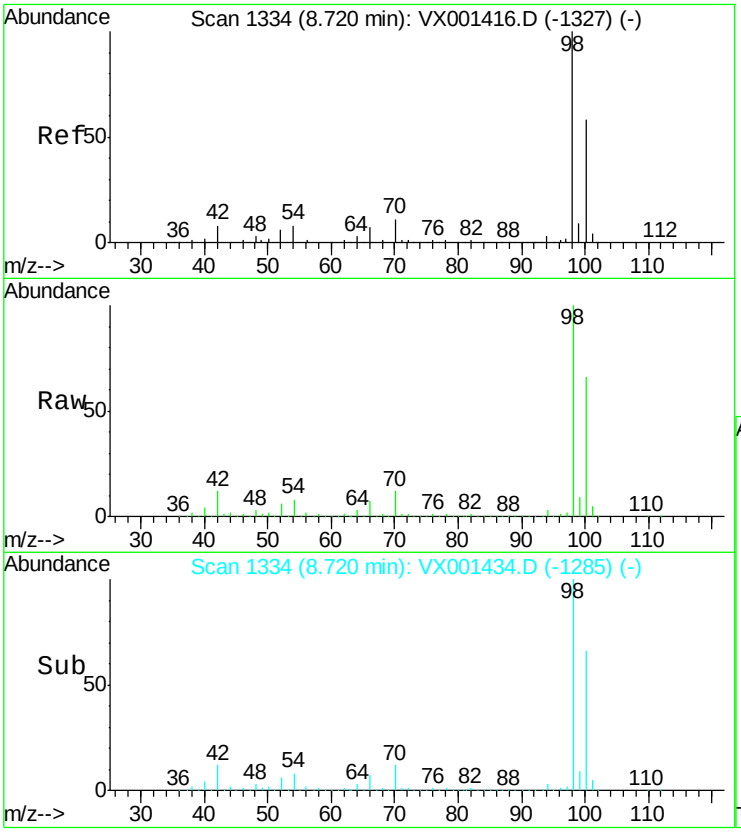


#39
Methylcyclohexane
Concen: 1.221 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX001434.D
Acq: 05 May 2018 22:22

Tgt Ion: 83 Resp: 6219

Ion	Ratio	Lower	Upper
83	100		
55	83.6	60.9	91.3
98	49.7	41.9	62.9



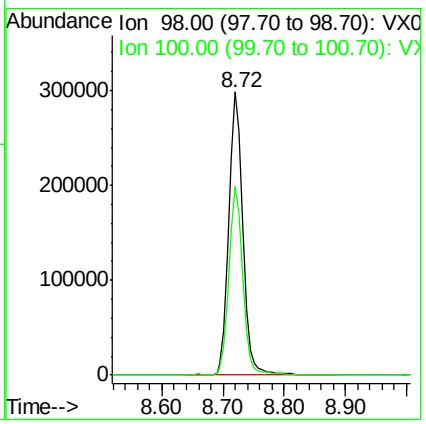


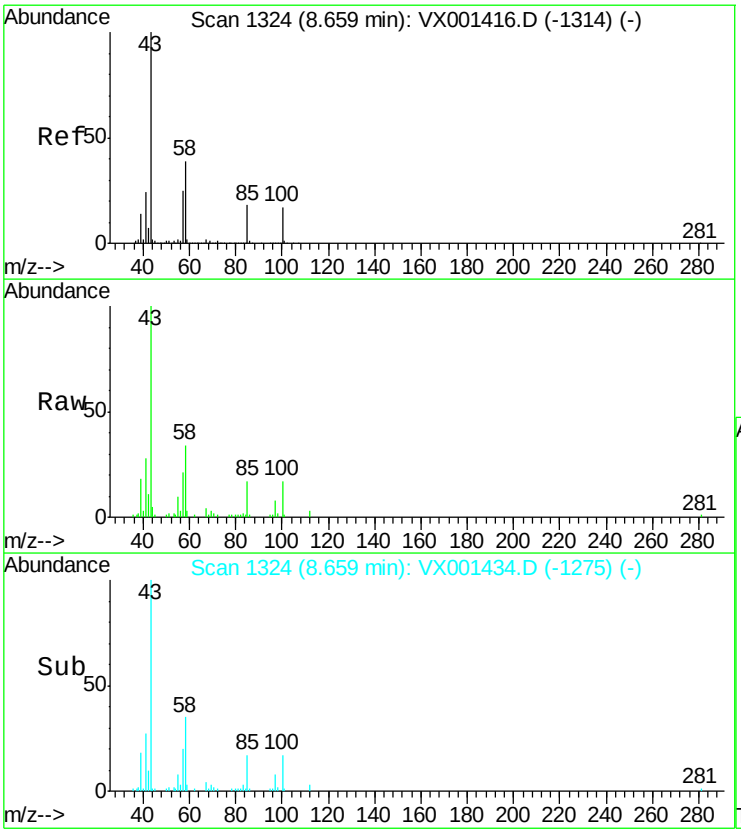
#50
Toluene-d8
Concen: 42.608 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001434.D
Acq: 05 May 2018 22:22

Instrument :
MSVOA_X
ClientSampleId :
VB16119

Tgt Ion: 98 Resp: 468605

Ion	Ratio	Lower	Upper
98	100		
100	65.0	54.0	81.0

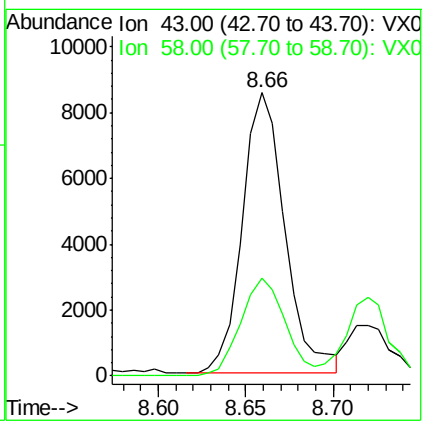


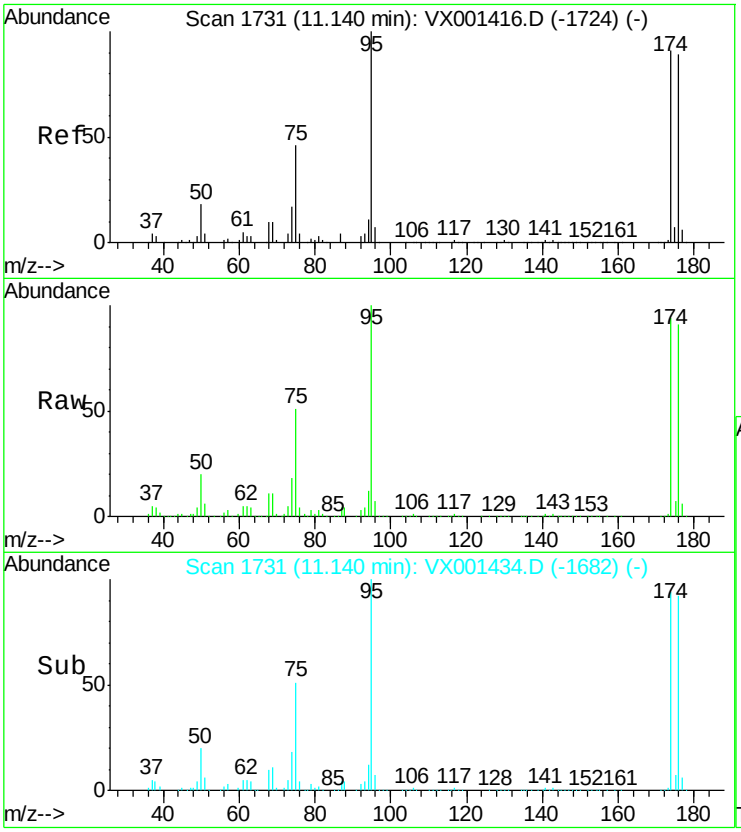


#51
4-Methyl-2-Pentanone
Concen: 2.996 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. 0.00 min
Lab File: VX001434.D
Acq: 05 May 2018 22:22

Tgt Ion: 43 Resp: 14435

Ion	Ratio	Lower	Upper
43	100		
58	36.3	30.8	46.2



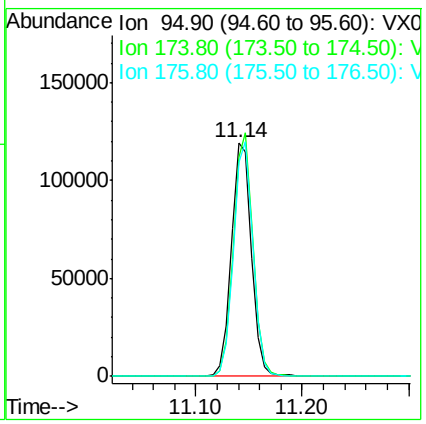


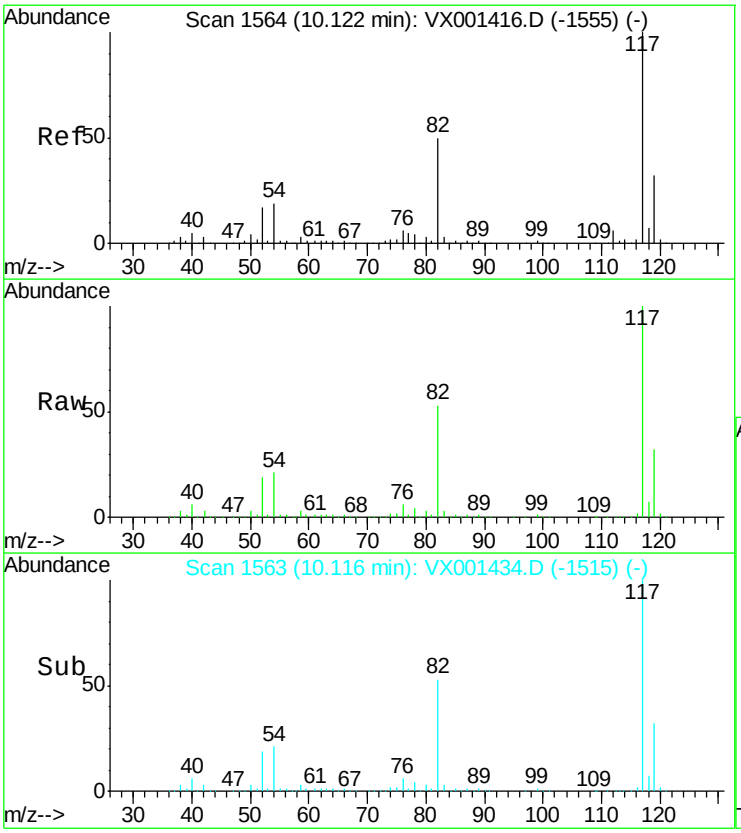
#62
4-Bromofluorobenzene
Concen: 37.344 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX001434.D
Acq: 05 May 2018 22:22

Instrument : MSVOA_X
ClientSampleId : VB16119

Tgt Ion: 95 Resp: 157665

Ion	Ratio	Lower	Upper
95	100		
174	101.3	0.0	202.0
176	97.7	0.0	197.4

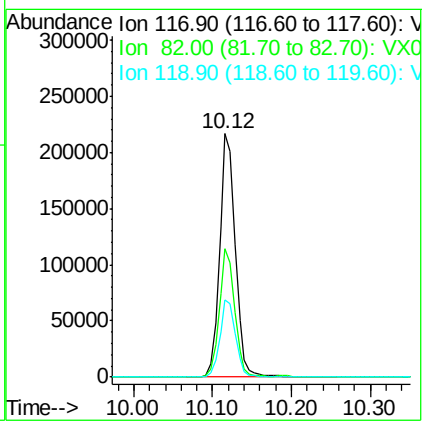


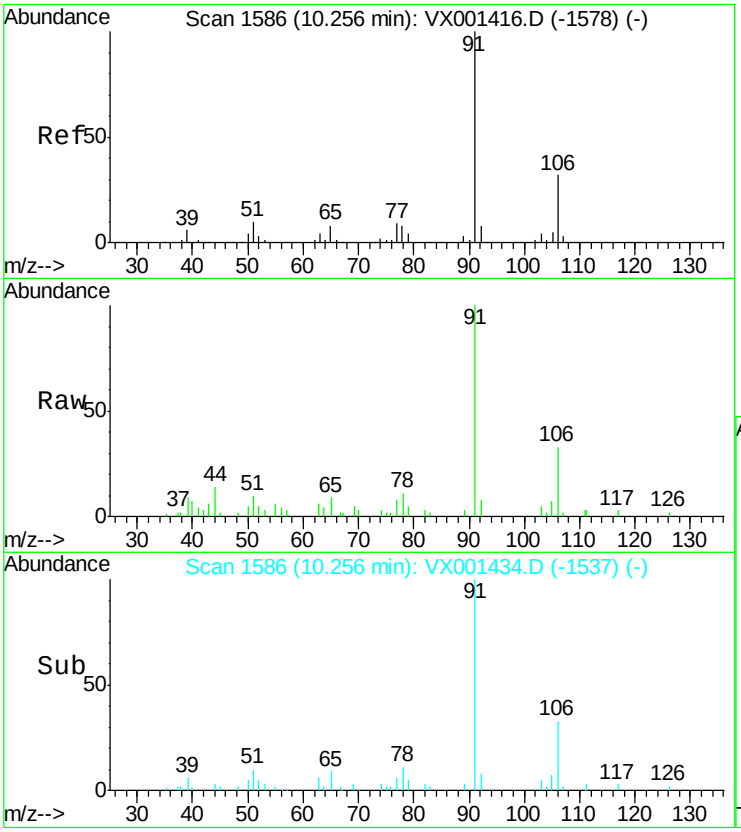


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001434.D
Acq: 05 May 2018 22:22

Tgt Ion:117 Resp: 299319

Ion	Ratio	Lower	Upper
117	100		
82	52.8	40.0	60.0
119	31.7	25.8	38.8



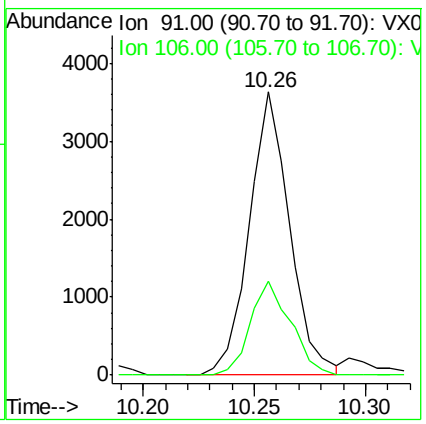


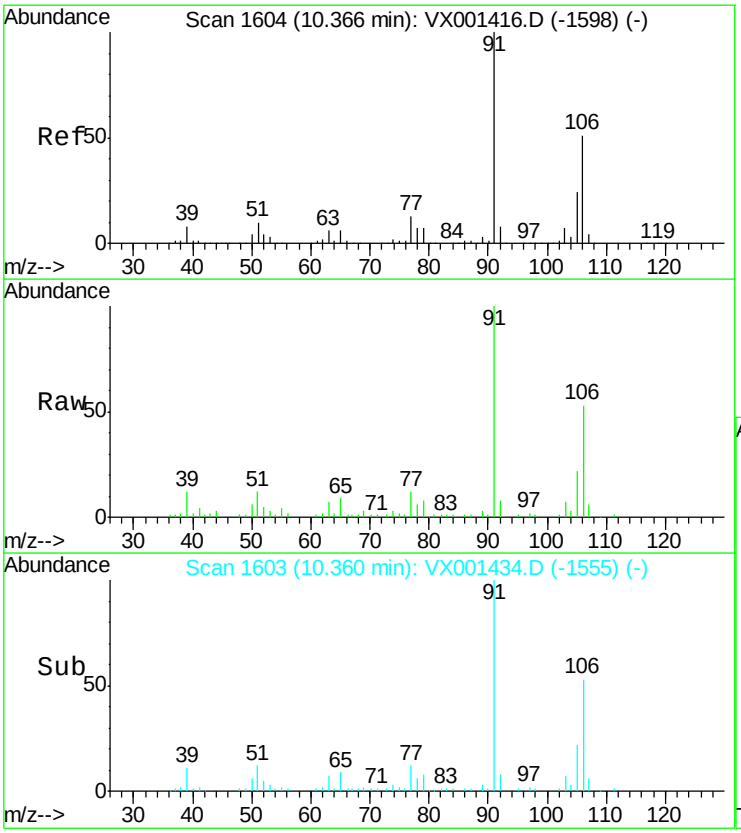
#67
Ethyl Benzene
Concen: 0.319 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX001434.D
Acq: 05 May 2018 22:22

Instrument : MSVOA_X
ClientSampleId : VB16119

Tgt Ion: 91 Resp: 4587

Ion	Ratio	Lower	Upper
91	100		
106	33.1	25.5	38.3

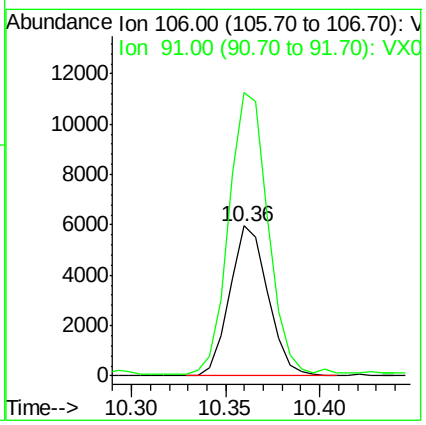


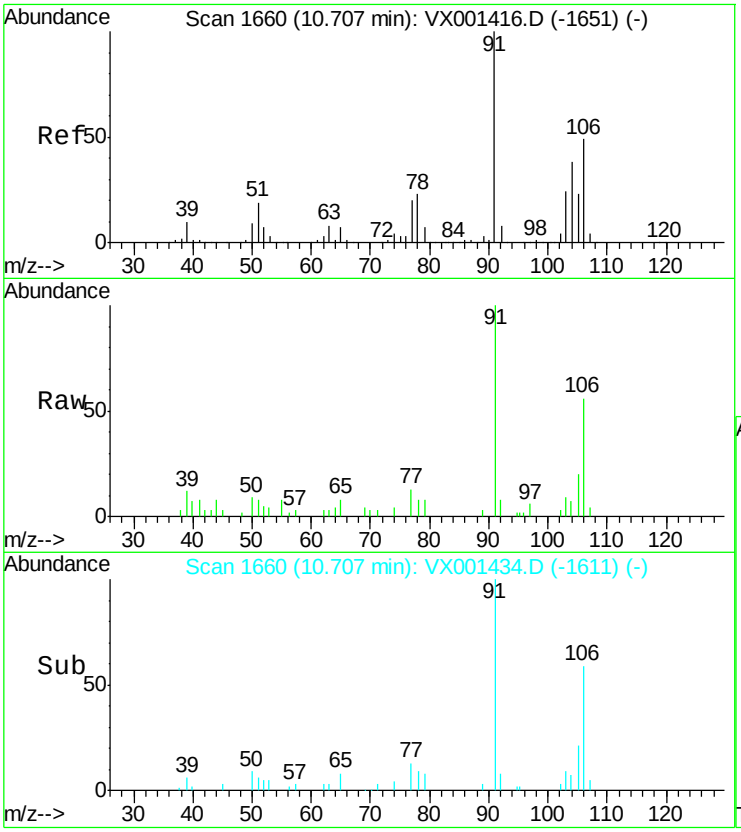


#68
m/p-Xylenes
Concen: 1.467 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VX001434.D
Acq: 05 May 2018 22:22

Tgt Ion:106 Resp: 8341

Ion	Ratio	Lower	Upper
106	100		
91	193.9	157.5	236.3



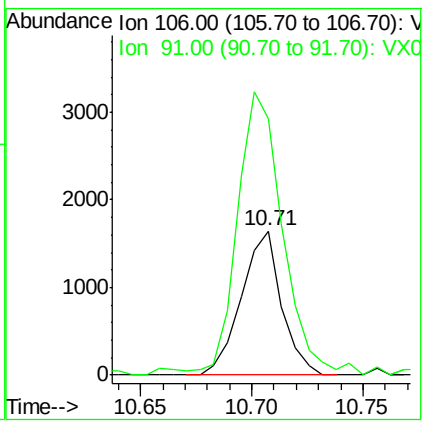


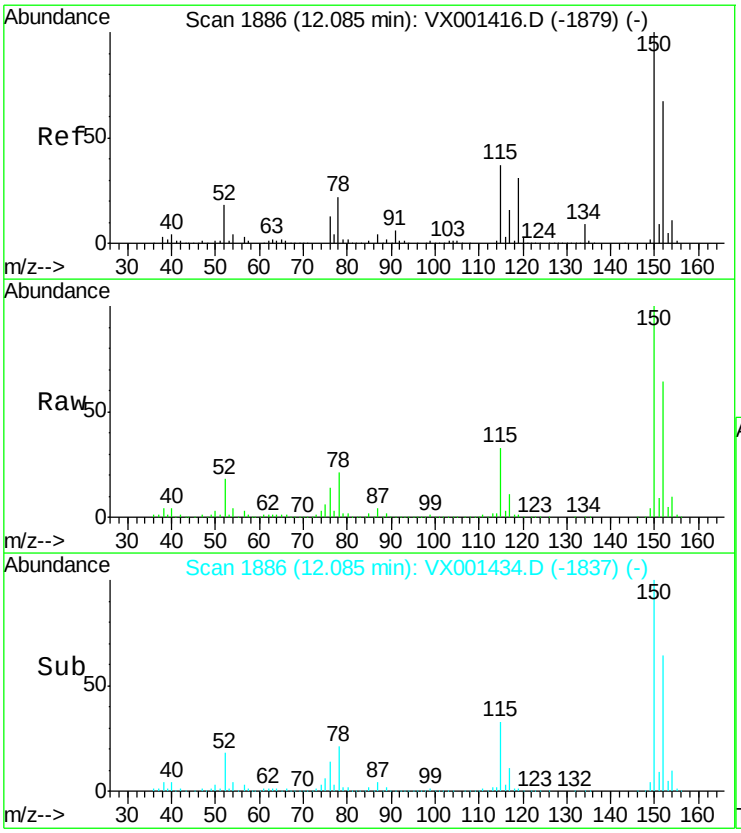
#69
o-Xylene
Concen: 0.373 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX001434.D
Acq: 05 May 2018 22:22

Instrument :
MSVOA_X
ClientSampleId :
VB16119

Tgt Ion:106 Resp: 2062

Ion	Ratio	Lower	Upper
106	100		
91	227.3	103.1	309.1

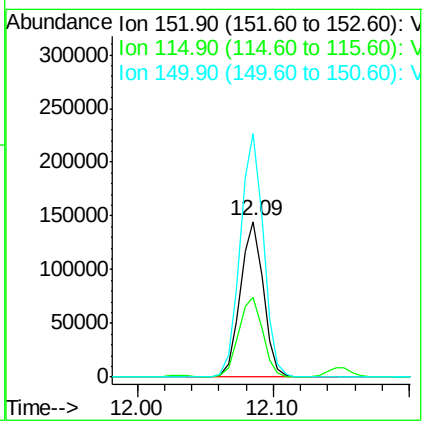


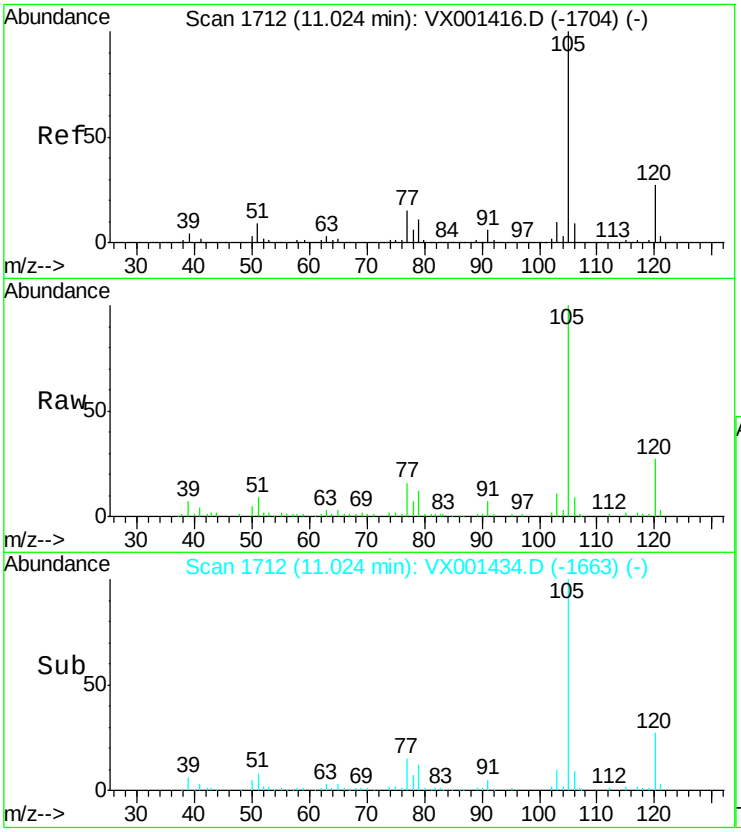


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001434.D
Acq: 05 May 2018 22:22

Tgt Ion:152 Resp: 171026

Ion	Ratio	Lower	Upper
152	100		
115	53.6	37.7	113.1
150	157.8	0.0	349.4



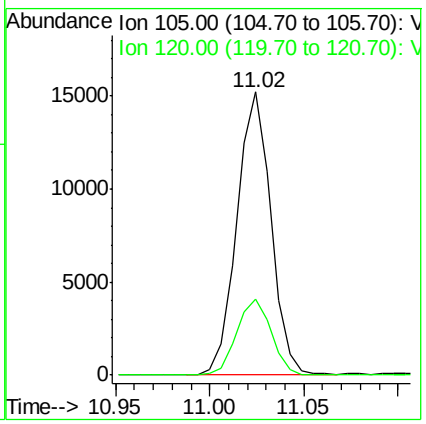


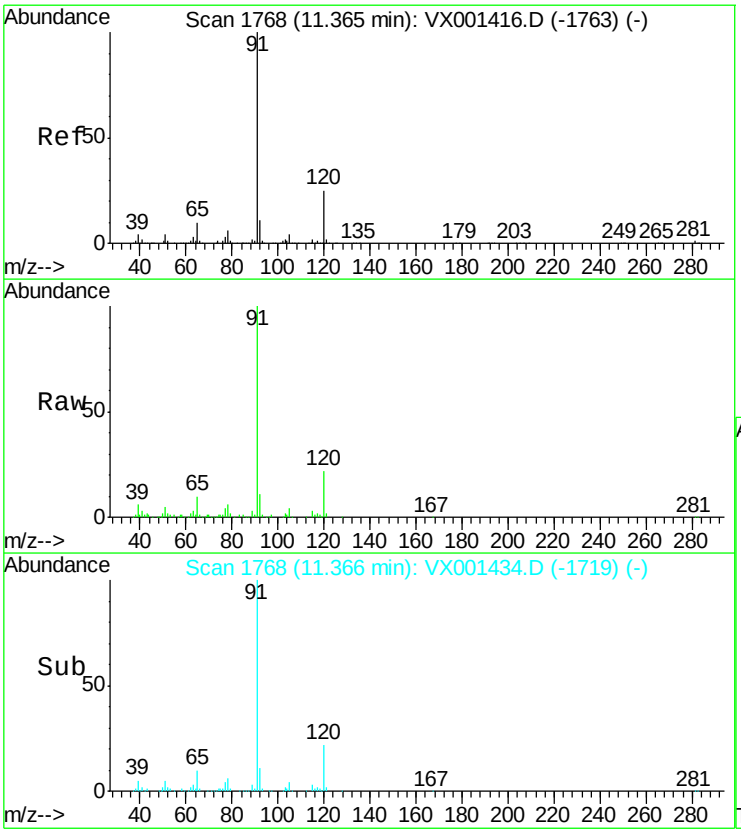
#73
Isopropylbenzene
Concen: 1.610 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. 0.00 min
Lab File: VX001434.D
Acq: 05 May 2018 22:22

Instrument : MSVOA_X
ClientSampleId : VB16119

Tgt Ion:105 Resp: 19063

Ion	Ratio	Lower	Upper
105	100		
120	27.3	13.6	40.8

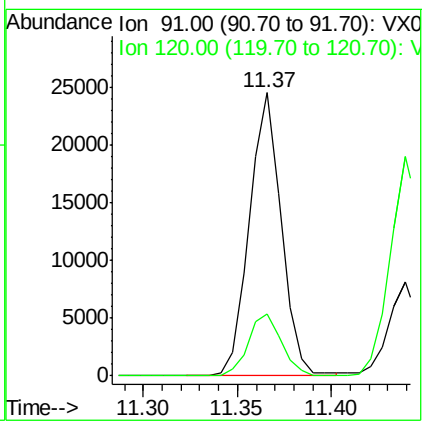


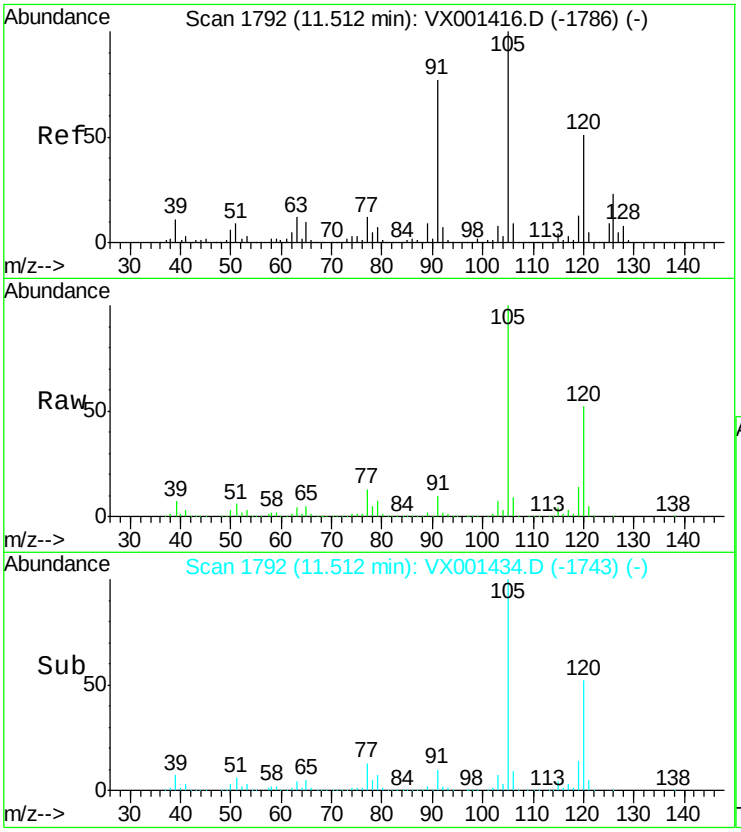


#78
n-propylbenzene
Concen: 2.239 ug/l
RT: 11.37 min Scan# 1768
Delta R.T. 0.00 min
Lab File: VX001434.D
Acq: 05 May 2018 22:22

Tgt Ion: 91 Resp: 28861

Ion	Ratio	Lower	Upper
91	100		
120	22.8	12.5	37.5



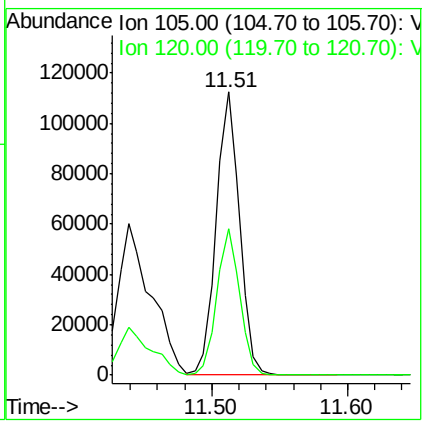


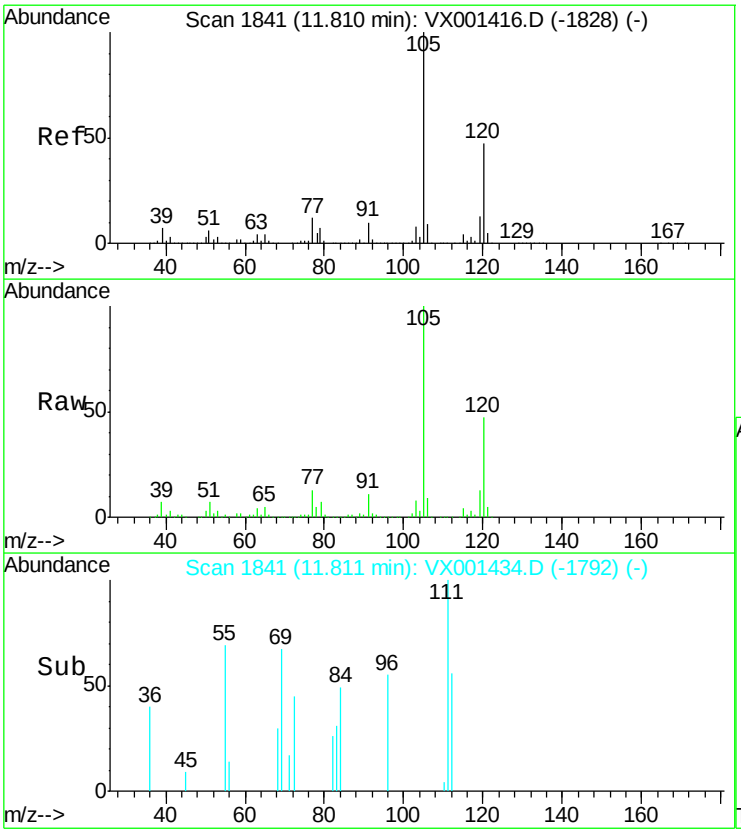
#80
1,3,5-Trimethylbenzene
Concen: 13.529 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX001434.D
Acq: 05 May 2018 22:22

Instrument :
MSVOA_X
ClientSampleId :
VB16119

Tgt Ion:105 Resp: 133356

Ion	Ratio	Lower	Upper
105	100		
120	51.1	25.7	77.1

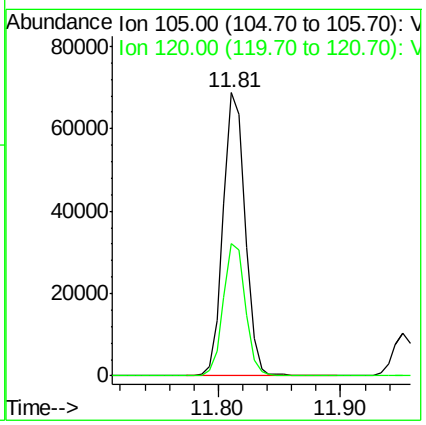


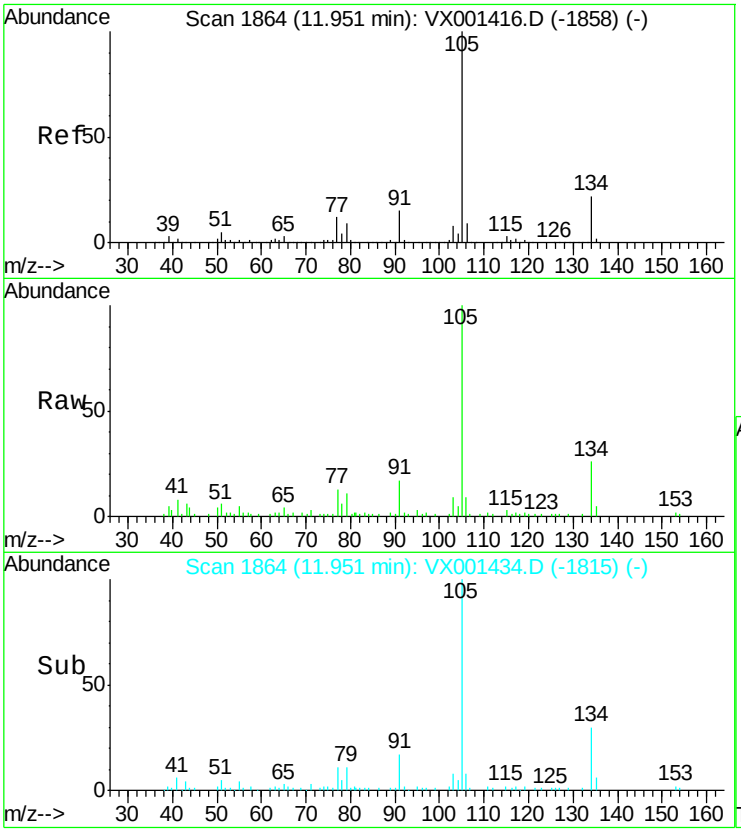


#84
1,2,4-Trimethylbenzene
Concen: 8.437 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX001434.D
Acq: 05 May 2018 22:22

Tgt Ion:105 Resp: 85480

Ion	Ratio	Lower	Upper
105	100		
120	47.3	23.4	70.2



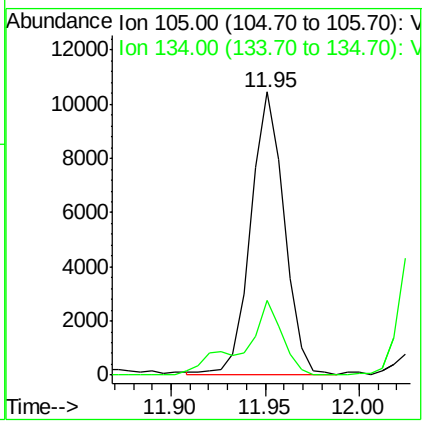


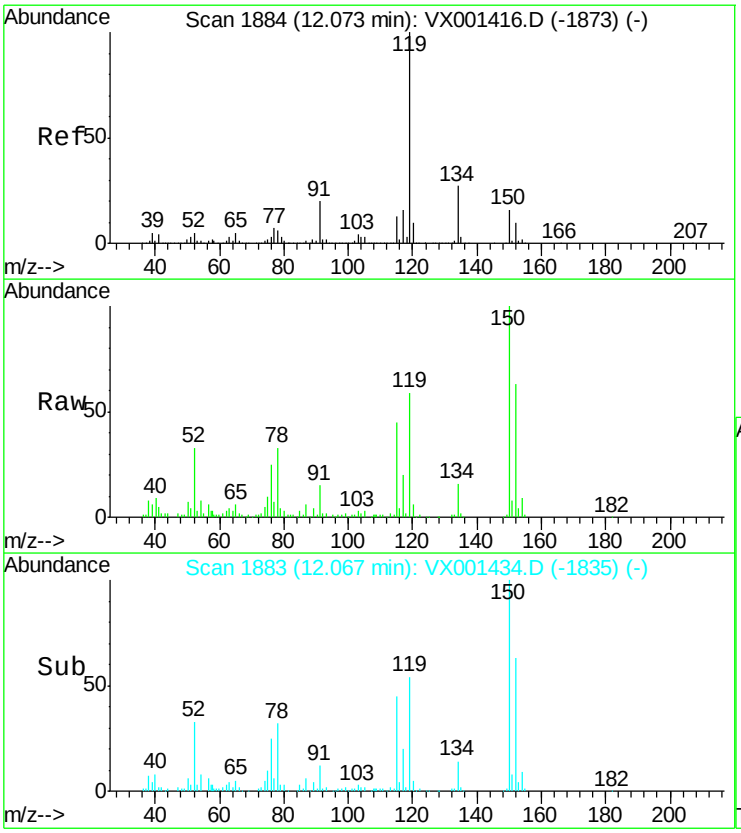
#85
sec-Butylbenzene
Concen: 1.093 ug/l
RT: 11.95 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VX001434.D
Acq: 05 May 2018 22:22

Instrument : MSVOA_X
ClientSampleId : VB16119

Tgt Ion:105 Resp: 12873

Ion	Ratio	Lower	Upper
105	100		
134	30.4	10.9	32.9

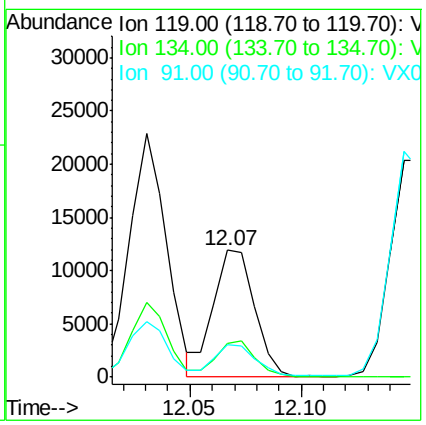


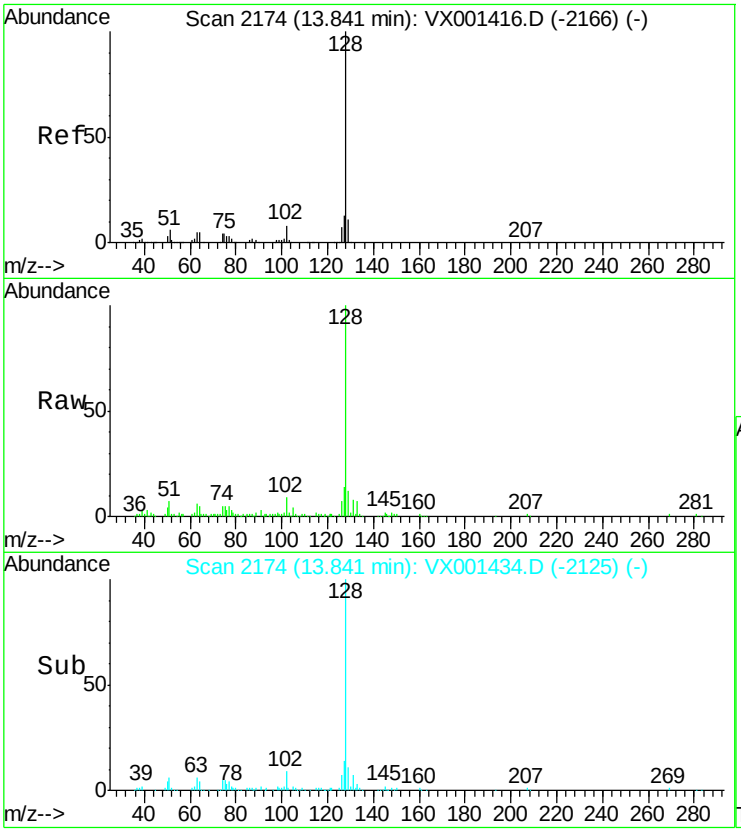


#86
p-Isopropyltoluene
Concen: 1.415 ug/l
RT: 12.07 min Scan# 1883
Delta R.T. -0.01 min
Lab File: VX001434.D
Acq: 05 May 2018 22:22

Tgt Ion:119 Resp: 15281

Ion	Ratio	Lower	Upper
119	100		
134	26.8	13.6	40.8
91	24.1	10.8	32.3





#95
Naphthalene
Concen: 2.595 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX001434.D
Acq: 05 May 2018 22:22

Instrument :
MSVOA_X
ClientSampleId :
VB16119

Tgt Ion:128 Resp: 32881

Ion	Ratio	Lower	Upper
128	100		
127	16.5	10.4	15.6#
129	20.3	8.7	13.1#