Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX050218\

Quantitation Report (Not Reviewed)

Data File : VX001312.D
Acq On : 02 May 2018 12:01
Operator : JC/MD
Sample : J2657-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : EFF-180430-08

Quant Time: May 03 04:57:37 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\624X043018W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue May 01 09:17:40 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.03	128	31209	30.00	ug/l		0.00
28) 1,4-Difluorobenzene	6.87	114	162537	30.00	ug/l		0.00
57) Chlorobenzene-d5	10.12	117	145360	30.00	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	6.07	65	66761	29.66	ug/l		0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 98.87%				
60) 4-Bromofluorobenzene	11.14	95	62178	25.53	ug/l		0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 85.10%				
63) Toluene-d8	8.72	98	188290	30.21	ug/l		0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 100.70%				
Target Compounds							Qvalue
3) Chloromethane	1.32	50	567	0.30	ug/l		92
11) Methyl Iodide	2.52	142	585	0.28	ug/l		85
15) Acetone	2.45	58	8283	29.76	ug/l		94
18) Methylene Chloride	2.85	84	694	0.37	ug/l	#	89
23) tert-Butyl Alcohol	3.06	59	307	0.84	ug/l	#	100
30) 2-Butanone	4.73	43	515	0.42	ug/l	#	54
51) Ethyl methacrylate	8.73	69	731	0.27	ug/l		80
56) Bromoform	11.14	173	799	0.47	ug/l	#	1
77) t-1,4-Dichloro-2-butene	11.14	75	32093	45.20	ug/l	#	12

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

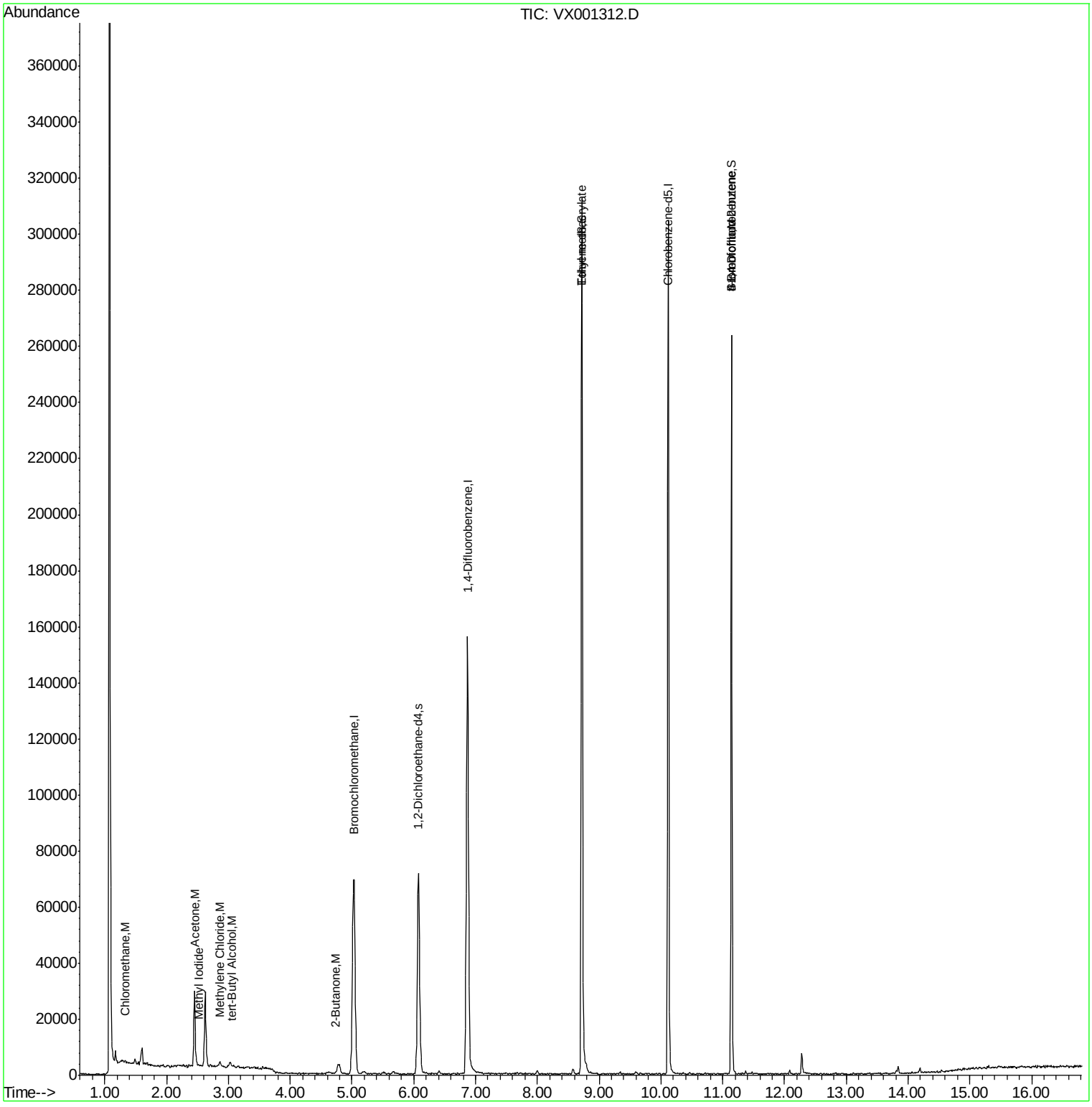
Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX050218\

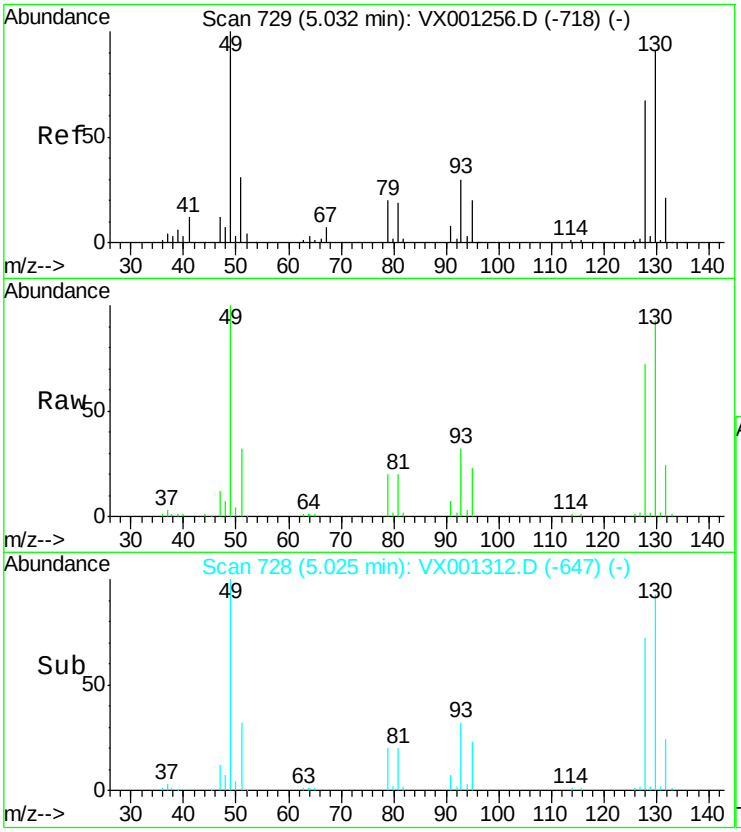
Quantitation Report (Not Reviewed)

Data File : VX001312.D
Acq On : 02 May 2018 12:01
Operator : JC/MD
Sample : J2657-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
EFF-180430-08

Quant Time: May 03 04:57:37 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\624X043018W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue May 01 09:17:40 2018
Response via : Initial Calibration



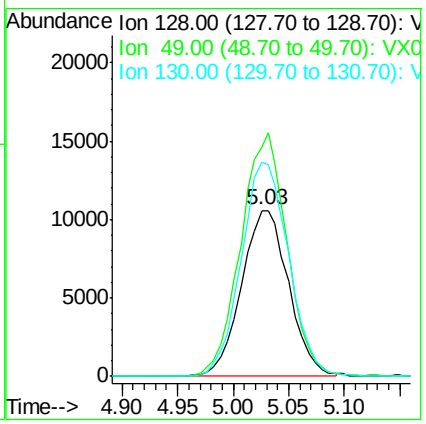


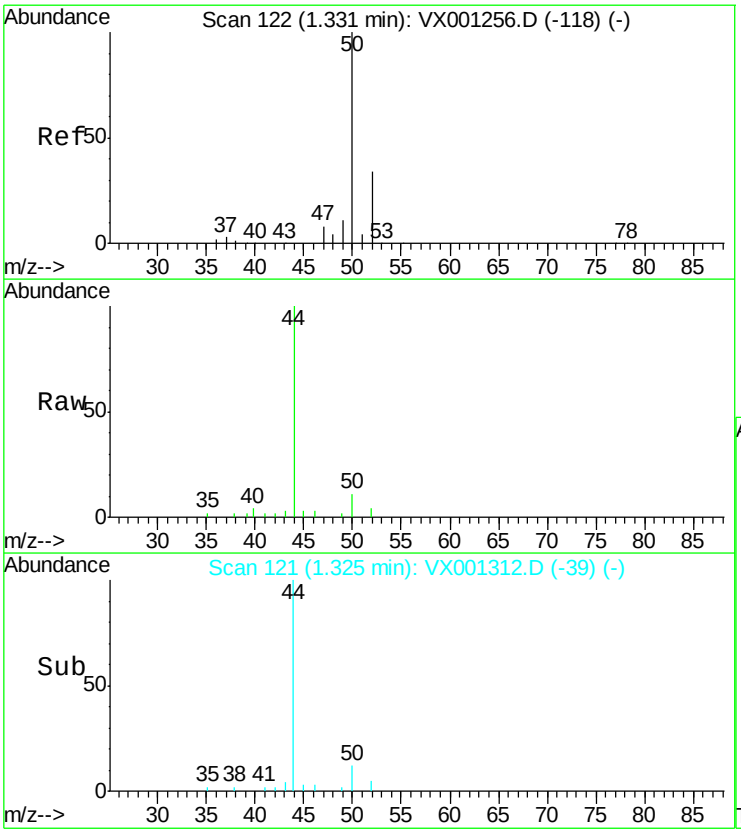
#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 5.03 min Scan# 728
Delta R.T. -0.01 min
Lab File: VX001312.D
Acq: 02 May 2018 12:01

Instrument :
MSVOA_X
ClientSampleId :
EFF-180430-08

Tgt Ion:128 Resp: 31209

Ion	Ratio	Lower	Upper
128	100		
49	143.9	0.0	378.3
130	129.8	0.0	324.3

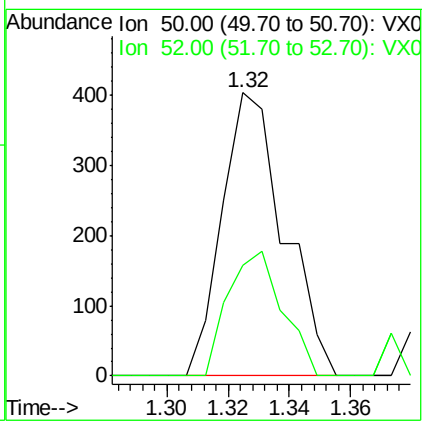


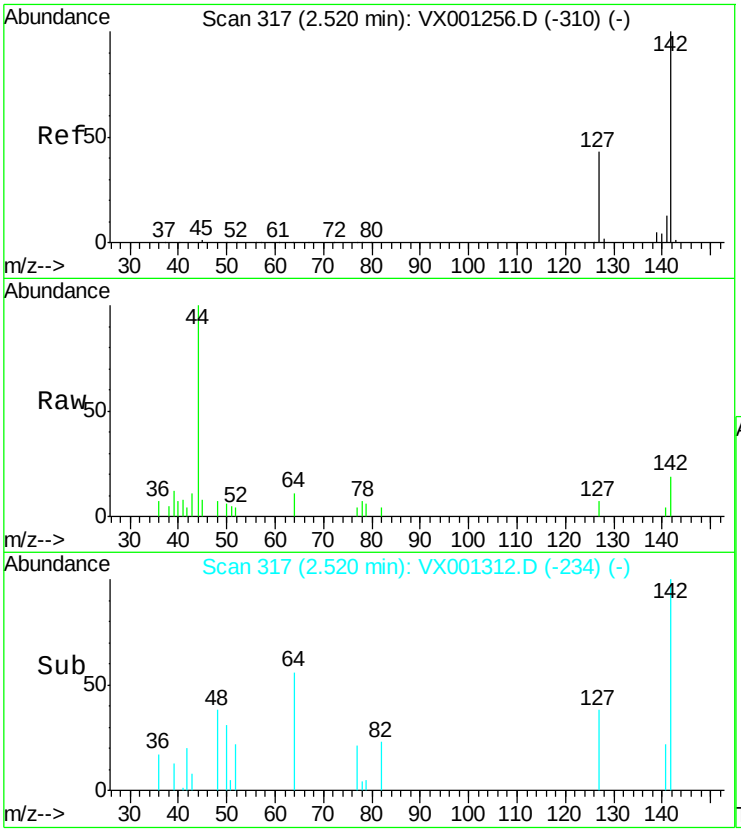


#3
Chloromethane
Concen: 0.30 ug/l
RT: 1.32 min Scan# 121
Delta R.T. -0.00 min
Lab File: VX001312.D
Acq: 02 May 2018 12:01

Tgt Ion: 50 Resp: 567

Ion	Ratio	Lower	Upper
50	100		
52	39.2	27.8	41.6



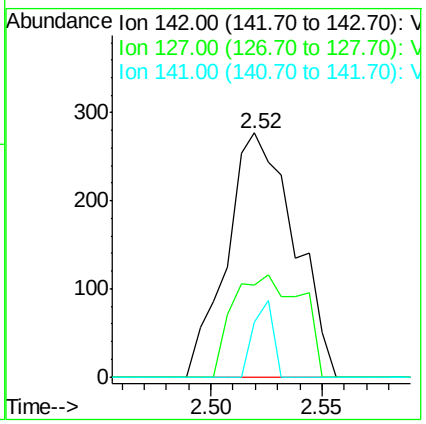


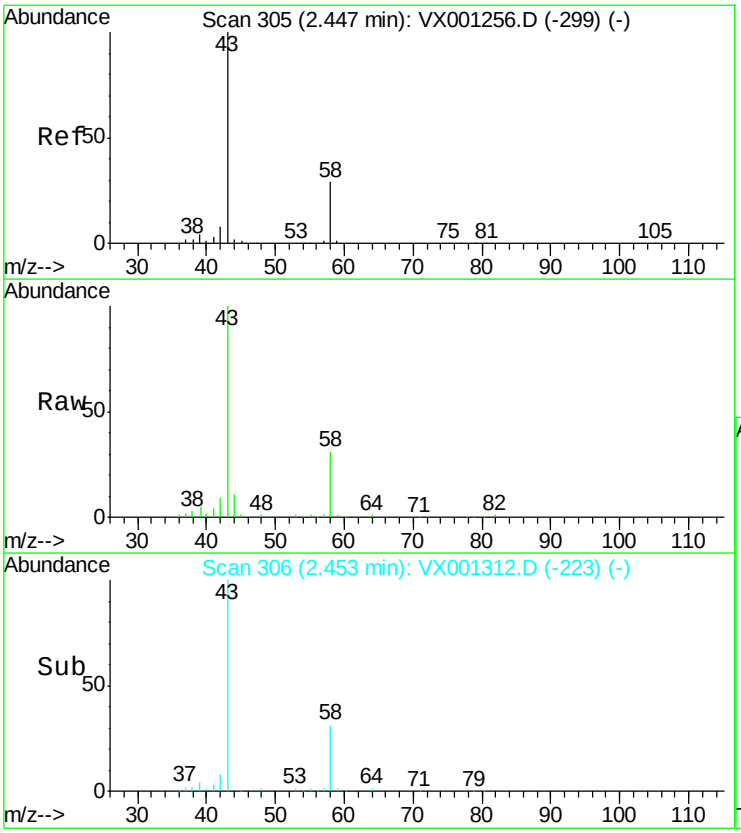
#11
Methyl Iodide
Concen: 0.28 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX001312.D
Acq: 02 May 2018 12:01

Instrument : MSVOA_X
ClientSampleId : EFF-180430-08

Tgt Ion:142 Resp: 585

Ion	Ratio	Lower	Upper
142	100		
127	37.5	23.8	71.5
141	22.4	8.2	24.4

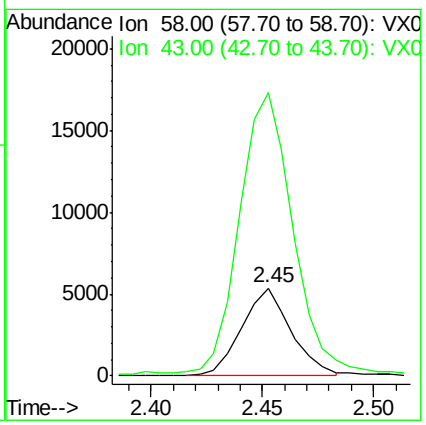


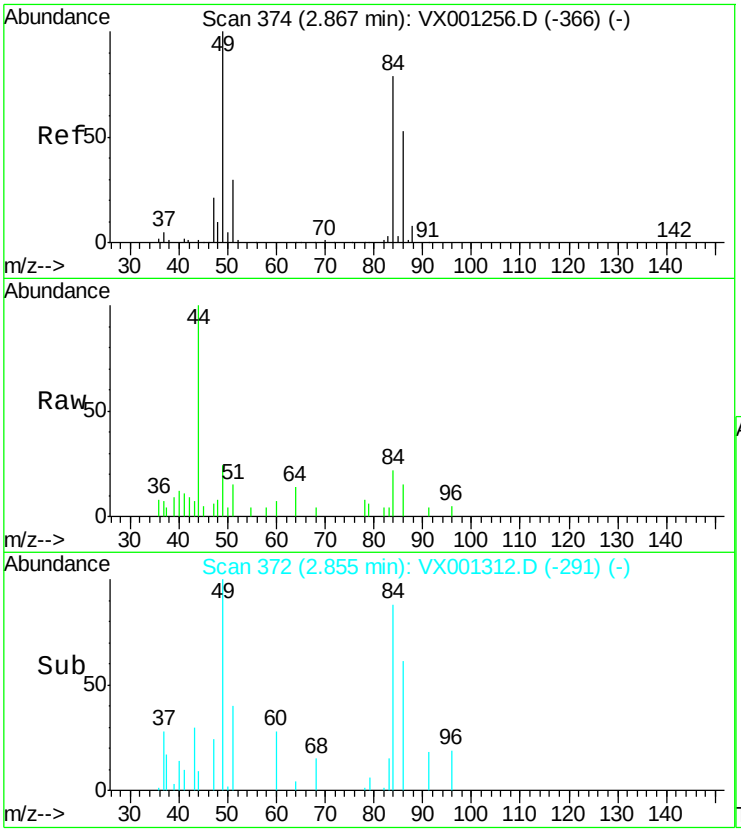


#15
Acetone
Concen: 29.76 ug/l
RT: 2.45 min Scan# 306
Delta R.T. 0.01 min
Lab File: VX001312.D
Acq: 02 May 2018 12:01

Tgt Ion: 58 Resp: 8283

Ion	Ratio	Lower	Upper
58	100		
43	318.6	264.6	396.8



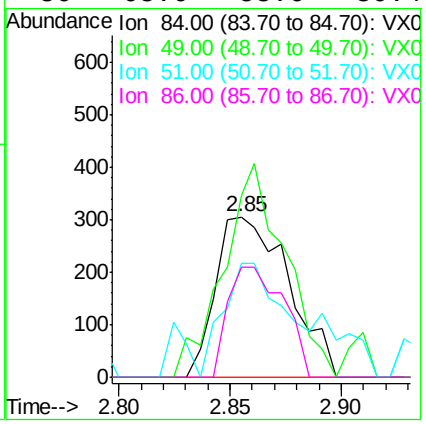


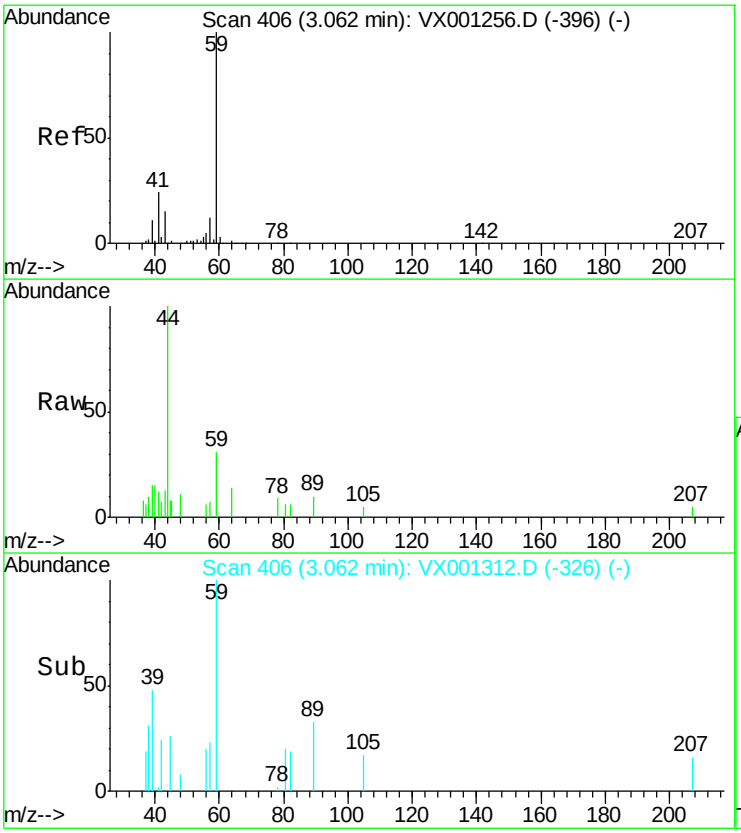
#18
Methylene Chloride
Concen: 0.37 ug/l
RT: 2.85 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX001312.D
Acq: 02 May 2018 12:01

Instrument : MSVOA_X
ClientSampleId : EFF-180430-08

Tgt Ion: 84 Resp: 694

Ion	Ratio	Lower	Upper
84	100		
49	113.1	103.3	154.9
51	49.7	31.2	46.8#
86	68.6	53.6	80.4

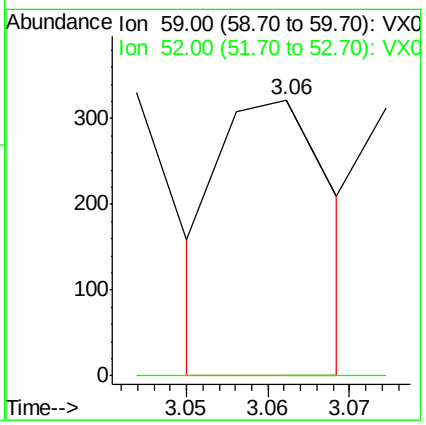


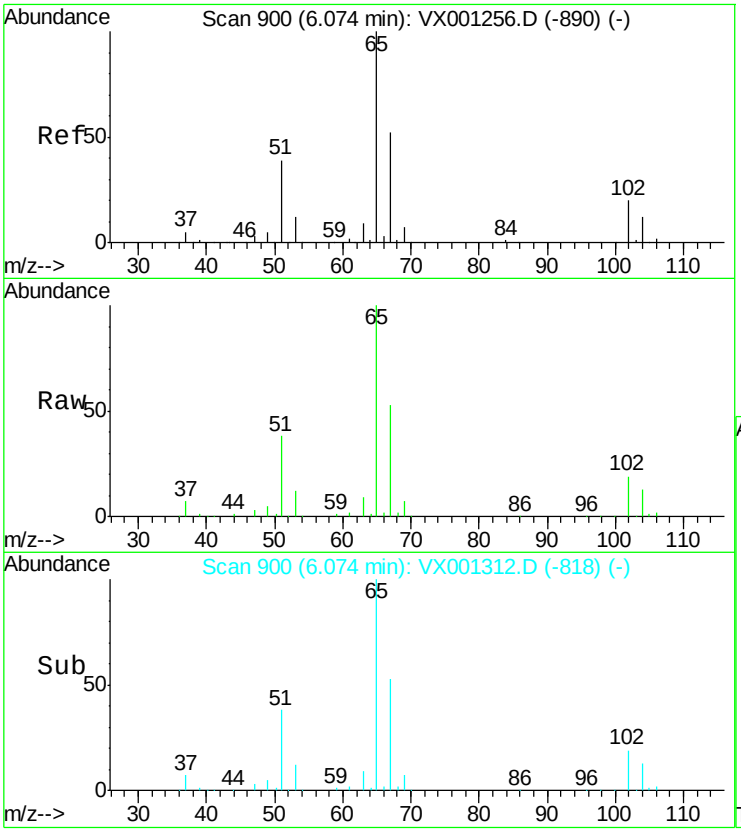


#23
tert-Butyl Alcohol
Concen: 0.84 ug/l
RT: 3.06 min Scan# 406
Delta R.T. -0.01 min
Lab File: VX001312.D
Acq: 02 May 2018 12:01

Tgt Ion: 59 Resp: 307

Ion	Ratio	Lower	Upper
59	100		
52	0.0	0.1	0.1#



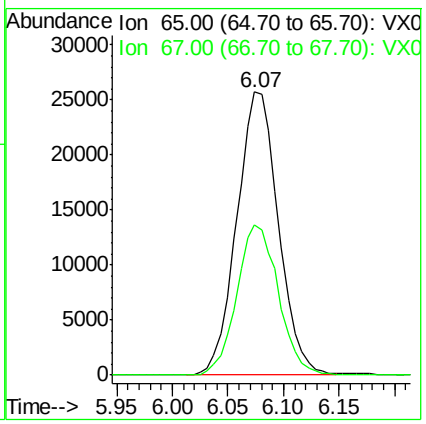


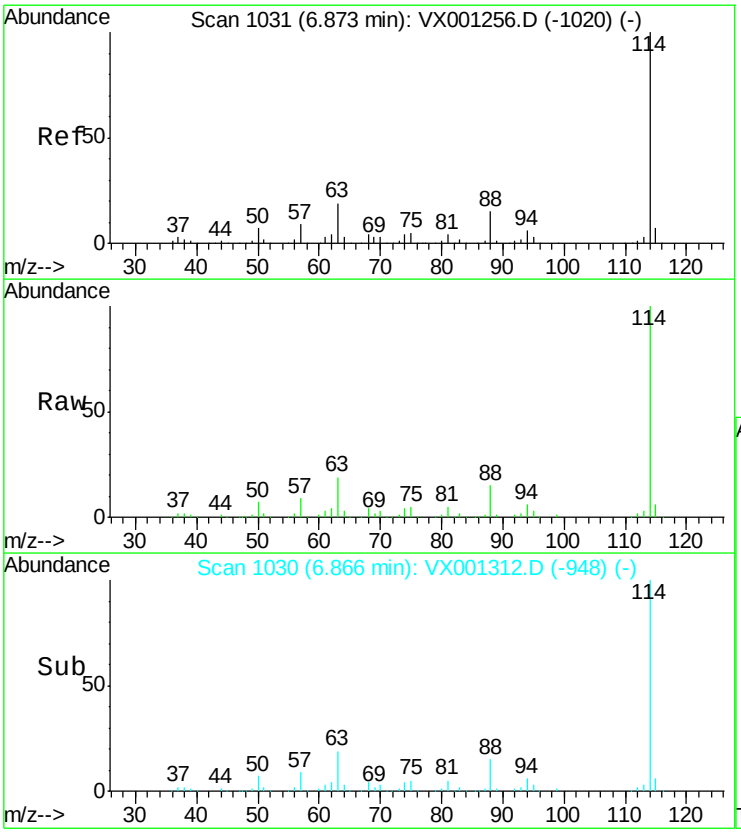
#27
1,2-Dichloroethane-d4
Concen: 29.66 ug/l
RT: 6.07 min Scan# 900
Delta R.T. -0.00 min
Lab File: VX001312.D
Acq: 02 May 2018 12:01

Instrument :
MSVOA_X
ClientSampleId :
EFF-180430-08

Tgt Ion: 65 Resp: 66761

Ion	Ratio	Lower	Upper
65	100		
67	52.6	41.4	62.2

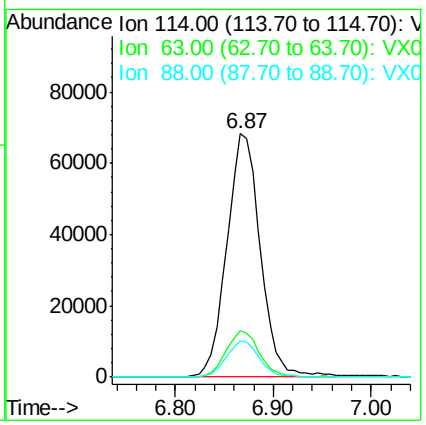


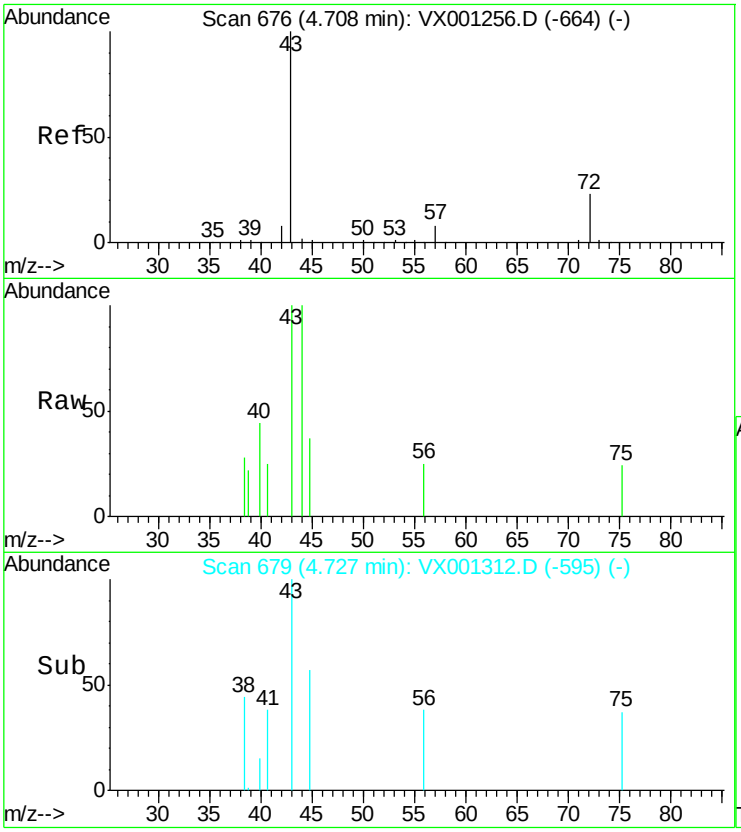


#28
1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VX001312.D
Acq: 02 May 2018 12:01

Tgt Ion:114 Resp: 162537

Ion	Ratio	Lower	Upper
114	100		
63	18.9	15.0	22.4
88	14.8	11.8	17.8



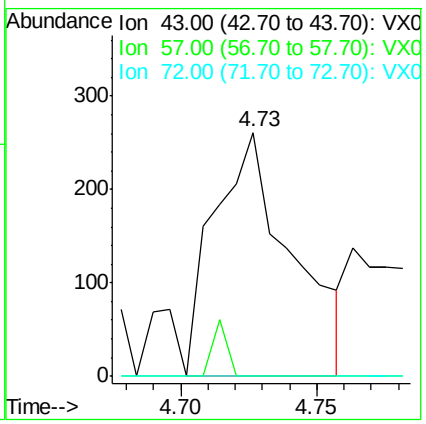


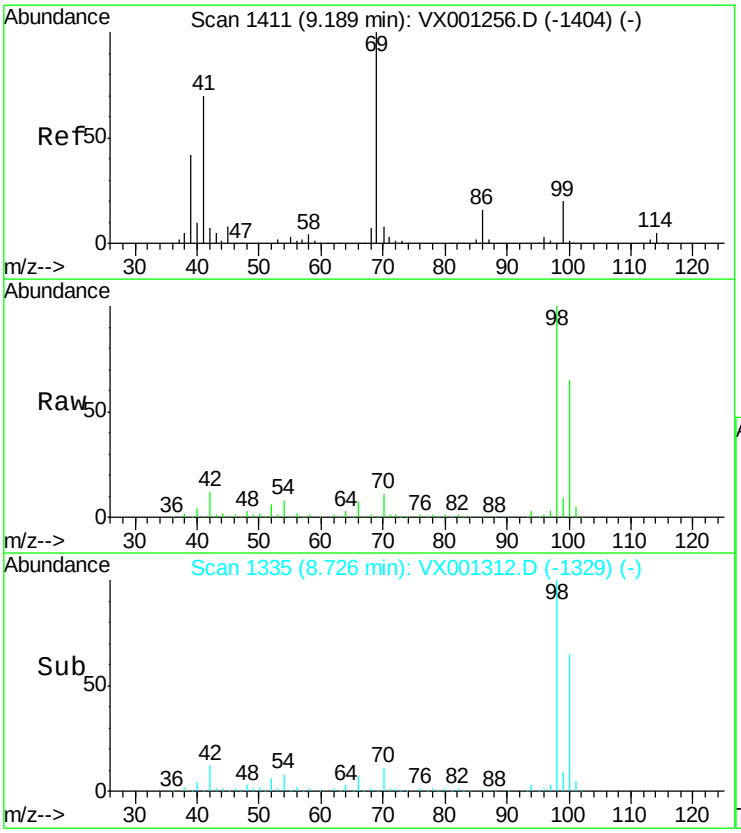
#30
2-Butanone
Concen: 0.42 ug/l
RT: 4.73 min Scan# 679
Delta R.T. 0.01 min
Lab File: VX001312.D
Acq: 02 May 2018 12:01

Instrument : MSVOA_X
ClientSampleId : EFF-180430-08

Tgt Ion: 43 Resp: 515

Ion	Ratio	Lower	Upper
43	100		
57	0.0	6.6	10.0#
72	0.0	21.8	32.6#

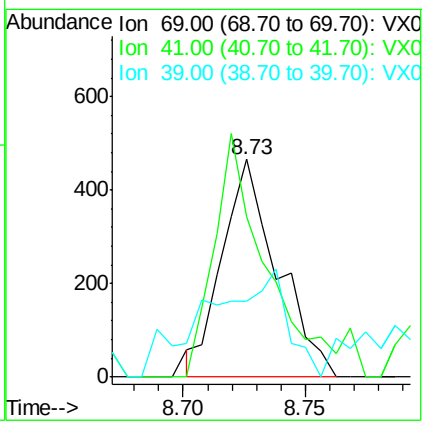


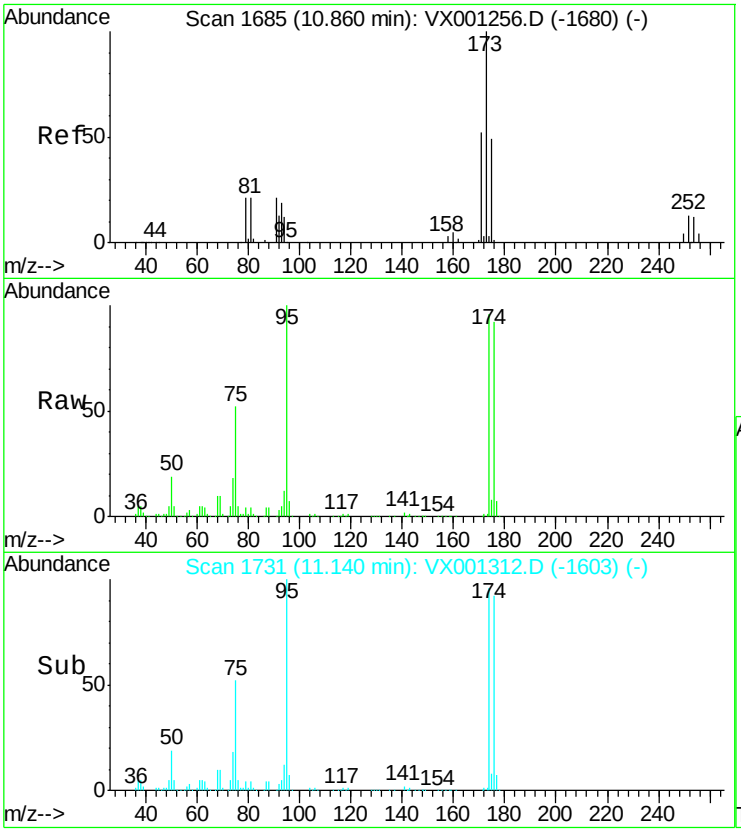


#51
Ethyl methacrylate
Concen: 0.27 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.46 min
Lab File: VX001312.D
Acq: 02 May 2018 12:01

Tgt Ion: 69 Resp: 731

Ion	Ratio	Lower	Upper
69	100		
41	73.5	32.1	96.3
39	19.6	19.6	58.7



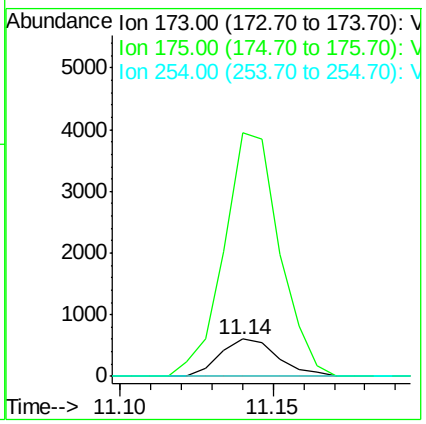


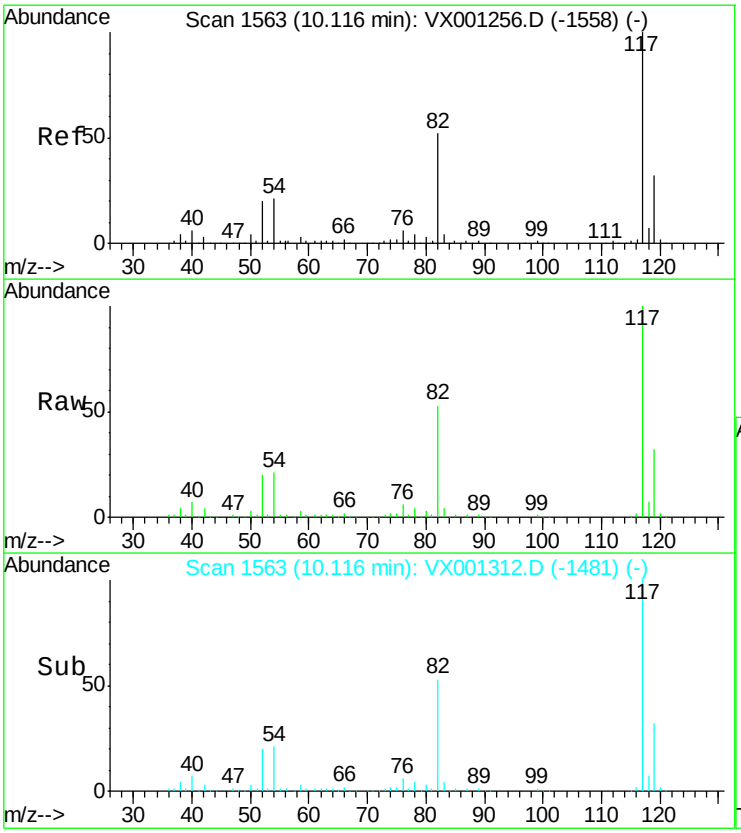
#56
Bromoform
Concen: 0.47 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.28 min
Lab File: VX001312.D
Acq: 02 May 2018 12:01

Instrument : MSVOA_X
ClientSampleId : EFF-180430-08

Tgt Ion:173 Resp: 799

Ion	Ratio	Lower	Upper
173	100		
175	624.4	39.0	58.4#
254	0.0	7.0	10.4#

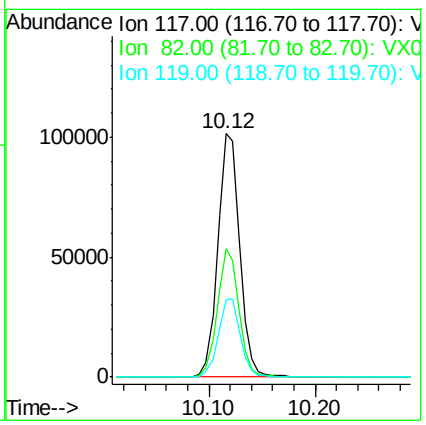


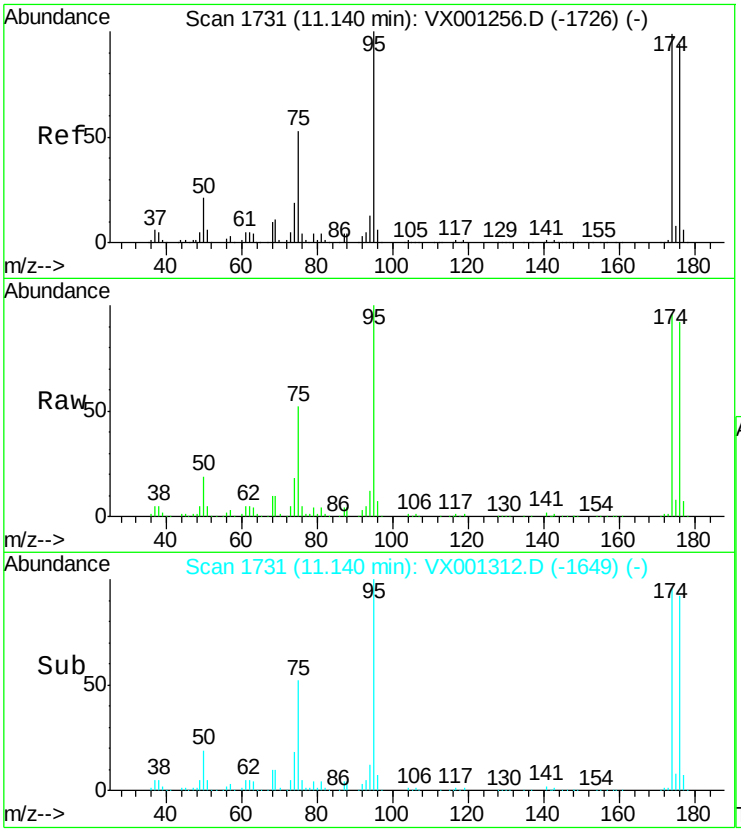


#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX001312.D
Acq: 02 May 2018 12:01

Tgt Ion:117 Resp: 145360

Ion	Ratio	Lower	Upper
117	100		
82	51.6	43.0	64.4
119	32.2	25.8	38.8



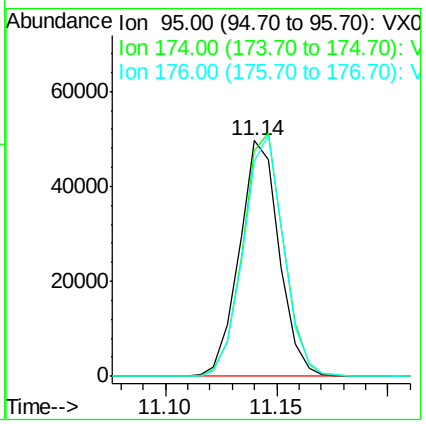


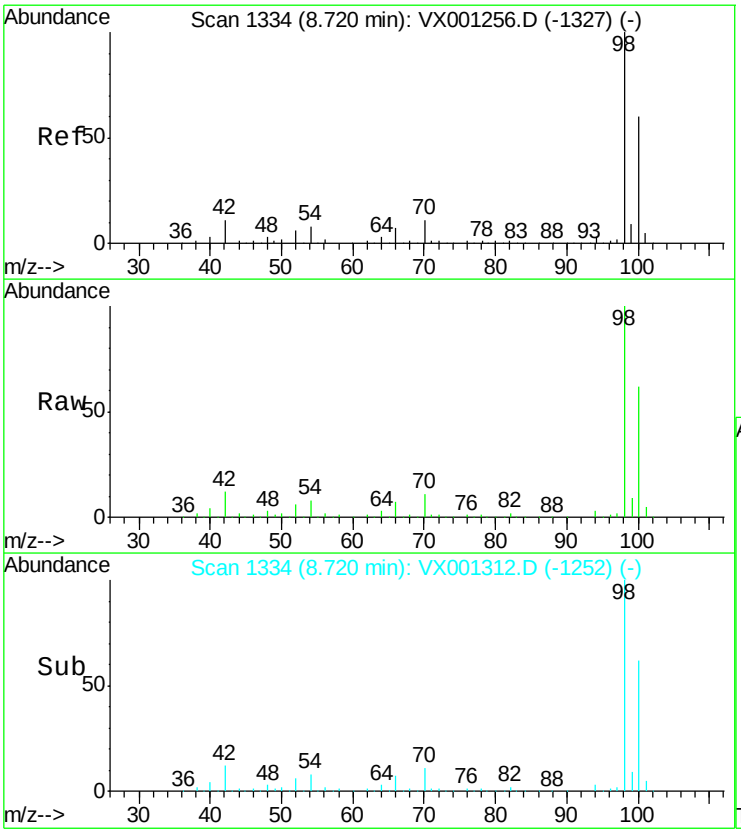
#60
4-Bromofluorobenzene
Concen: 25.53 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX001312.D
Acq: 02 May 2018 12:01

Instrument :
MSVOA_X
ClientSampleId :
EFF-180430-08

Tgt Ion: 95 Resp: 62178

Ion	Ratio	Lower	Upper
95	100		
174	105.5	71.1	106.7
176	102.9	69.3	103.9

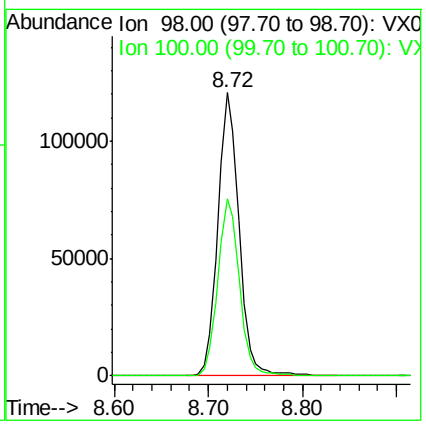


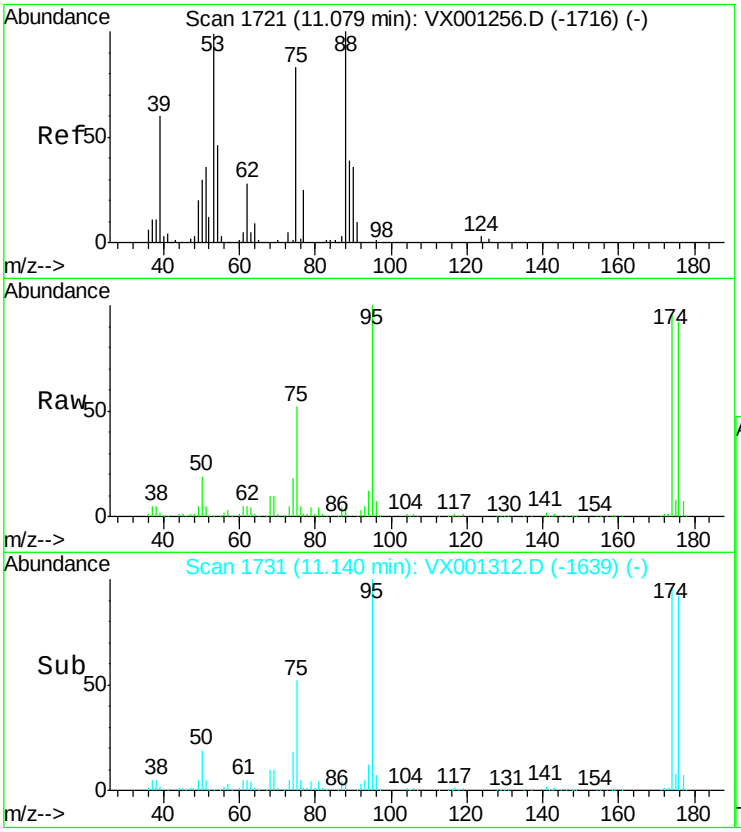


#63
Toluene-d8
Concen: 30.21 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX001312.D
Acq: 02 May 2018 12:01

Tgt Ion: 98 Resp: 188290

Ion	Ratio	Lower	Upper
98	100		
100	63.8	50.0	75.0





#77
t-1,4-Dichloro-2-butene
Concen: 45.20 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX001312.D
Acq: 02 May 2018 12:01

Instrument :
MSVOA_X
ClientSampleId :
EFF-180430-08

Tgt Ion: 75 Resp: 32093

Ion	Ratio	Lower	Upper
75	100		
53	0.4	47.8	143.3#
89	0.0	22.3	66.8#