Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX042618\

Quantitation Report (Not Reviewed)

Data File : VX001159.D
Acq On : 27 Apr 2018 07:31
Operator : JC/MD
Sample : PB108612ZHE#11 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : PB108612ZHE#11

Quant Time: Apr 27 08:14:19 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X042618W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 27 01:51:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	208459	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	285276	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	254206	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	145181	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	132712	41.07	ug/l	0.00
Spiked Amount 50.000			Recovery = 82.14%			
35) Dibromofluoromethane	5.51	113	102630	43.46	ug/l	0.00
Spiked Amount 50.000			Recovery = 86.92%			
50) Toluene-d8	8.72	98	397382	44.60	ug/l	0.00
Spiked Amount 50.000			Recovery = 89.20%			
62) 4-Bromofluorobenzene	11.14	95	135973	39.06	ug/l	0.00
Spiked Amount 50.000			Recovery = 78.12%			
Target Compounds						Qvalue
5) Bromomethane	1.62	94	92	Below Cal	#	3
10) Methyl Iodide	2.53	142	139	7.29	ug/l #	74
11) Tert butyl alcohol	3.03	59	396	0.62	ug/l #	82
13) Acrolein	2.31	56	123	0.51	ug/l	83
16) Acetone	2.45	43	3887	2.93	ug/l	99
18) Methyl Acetate	2.79	43	4850	1.46	ug/l	97
20) Methylene Chloride	2.86	84	1206	0.49	ug/l #	72
25) 2-Butanone	4.71	43	605	0.30	ug/l	92
29) Tetrahydrofuran	5.19	42	520	0.41	ug/l #	74
31) Cyclohexane	5.67	56	3870	1.13	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	12683	4.03	ug/l #	49
38) Carbon Tetrachloride	5.67	117	17260	5.35	ug/l #	17
60) Dibromochloromethane	9.34	129	60	3.37	ug/l #	11
76) 1,2,3-Trichloropropane	11.14	75	68973	23.33	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.14	75	68973	71.69	ug/l #	6

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

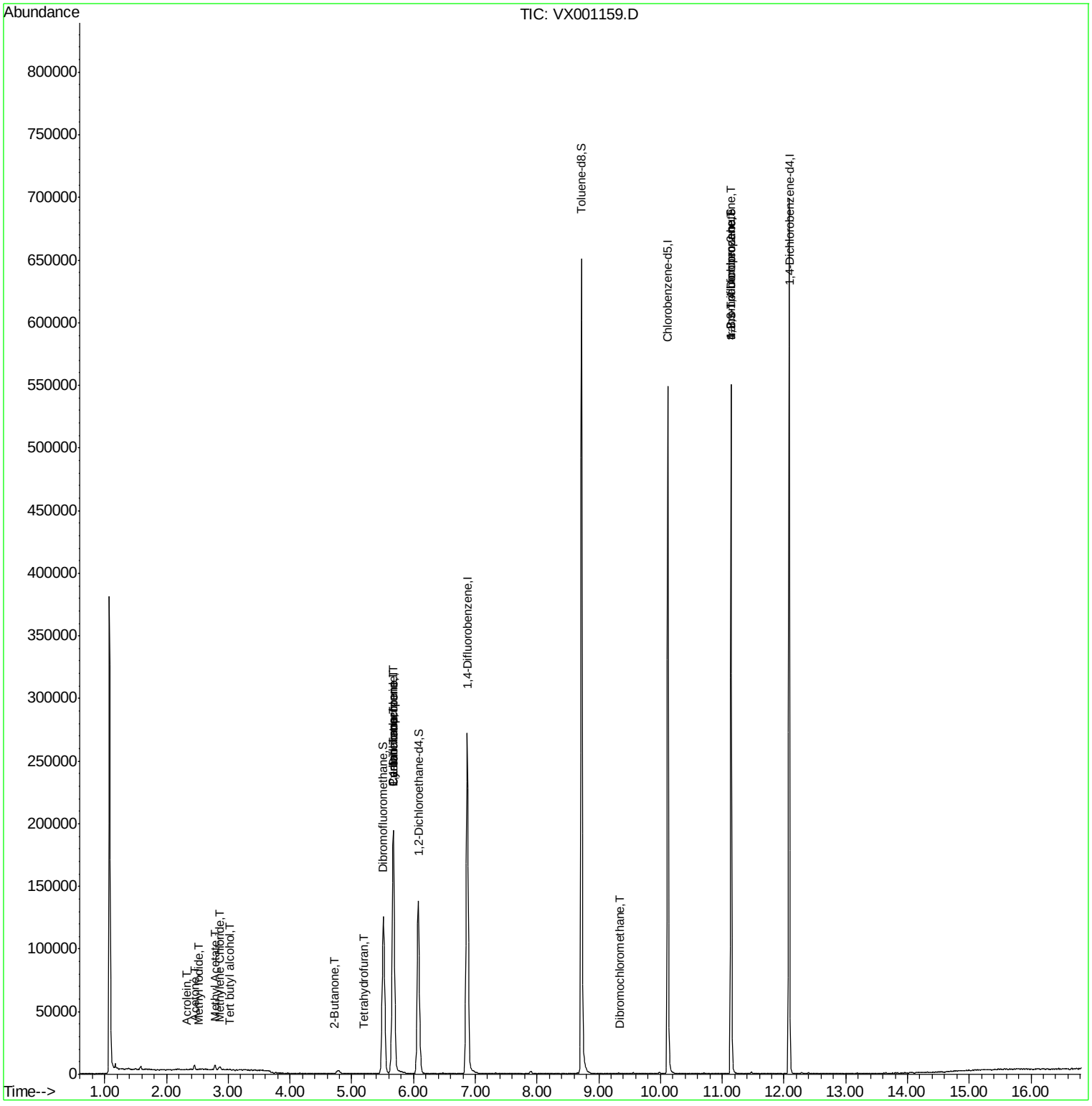
Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX042618\

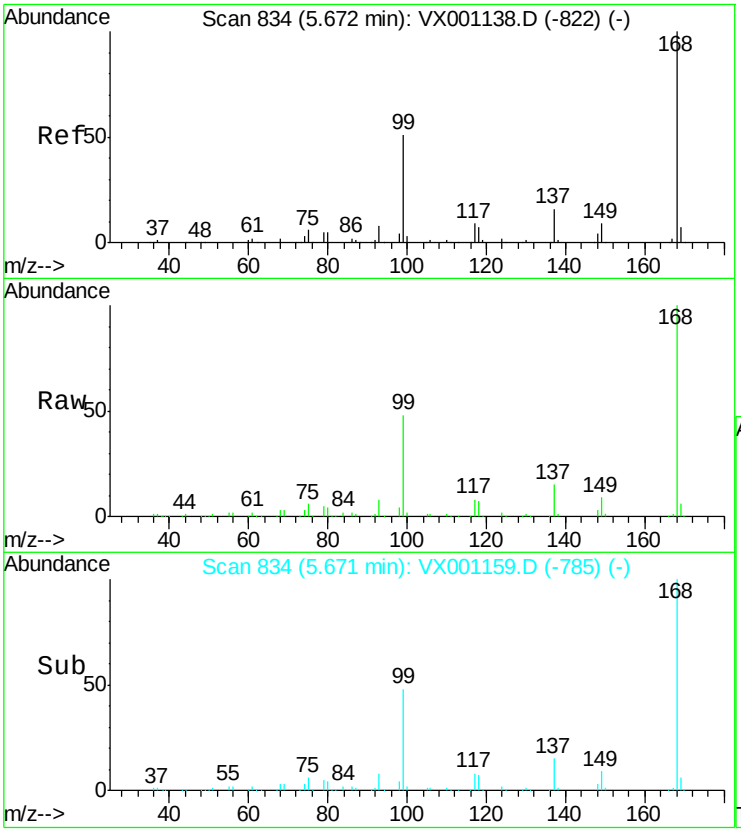
Quantitation Report (Not Reviewed)

Data File : VX001159.D
Acq On : 27 Apr 2018 07:31
Operator : JC/MD
Sample : PB108612ZHE#11 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB108612ZHE#11

Quant Time: Apr 27 08:14:19 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X042618W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 27 01:51:42 2018
Response via : Initial Calibration



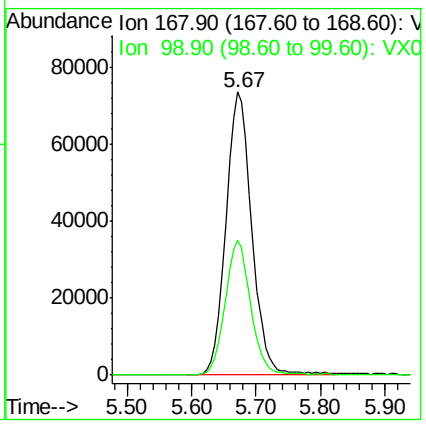


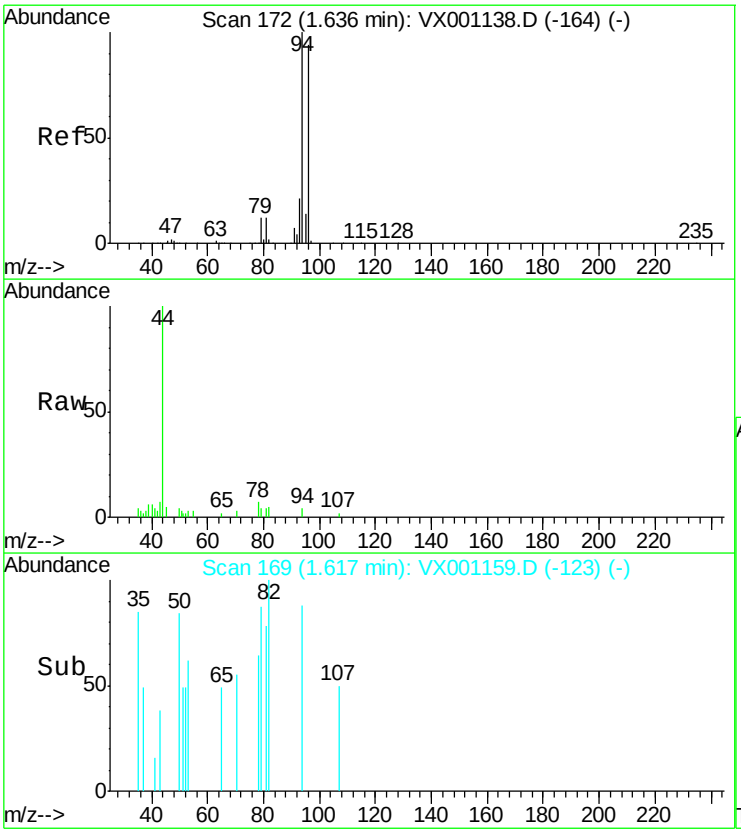
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.00 min
Lab File: VX001159.D
Acq: 27 Apr 2018 07:31

Instrument :
MSVOA_X
ClientSampleId :
PB108612ZHE#11

Tgt Ion:168 Resp: 208459

Ion	Ratio	Lower	Upper
168	100		
99	47.6	40.6	60.8

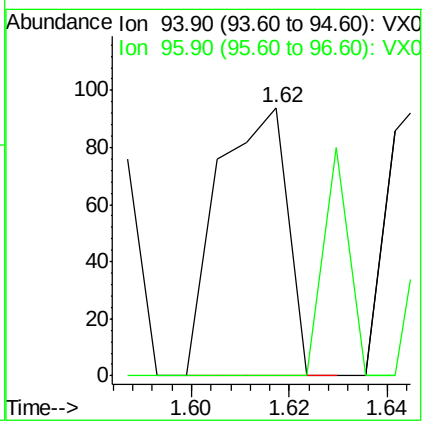


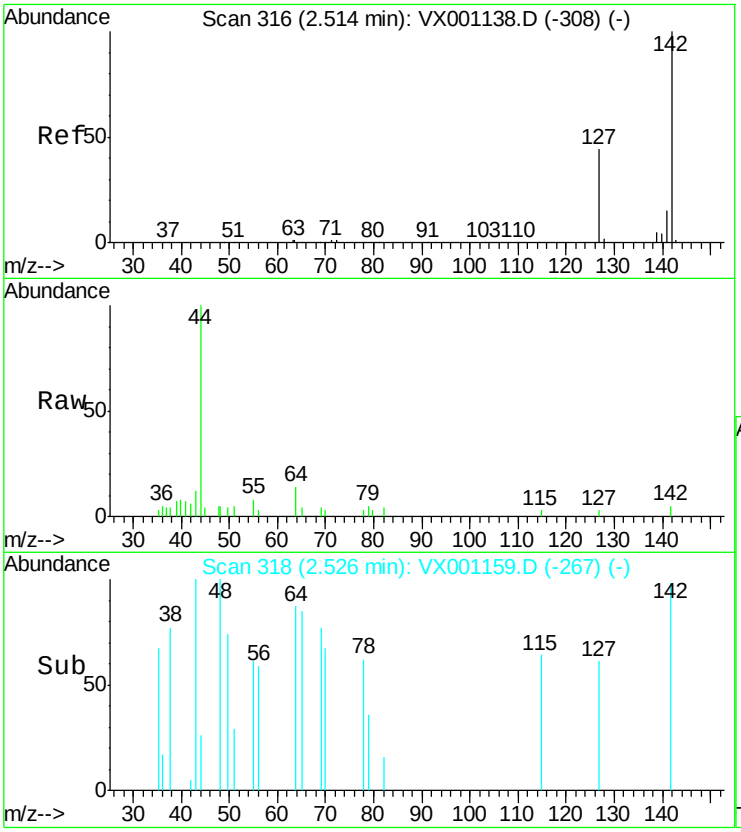


#5
Bromomethane
Concen: Below Cal
RT: 1.62 min Scan# 169
Delta R.T. -0.02 min
Lab File: VX001159.D
Acq: 27 Apr 2018 07:31

Tgt Ion: 94 Resp: 92

Ion	Ratio	Lower	Upper
94	100		
96	0.0	75.3	112.9#



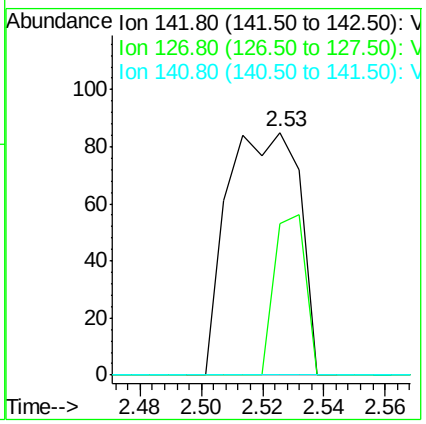


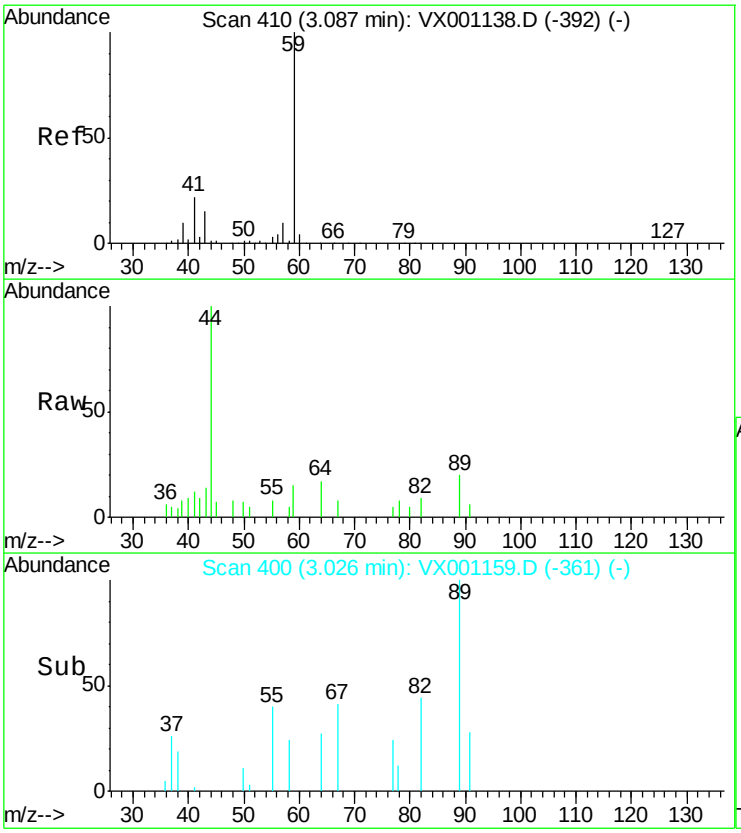
#10
Methyl Iodide
Concen: 7.29 ug/l
RT: 2.53 min Scan# 318
Delta R.T. 0.01 min
Lab File: VX001159.D
Acq: 27 Apr 2018 07:31

Instrument :
MSVOA_X
ClientSampleId :
PB108612ZHE#11

Tgt Ion:142 Resp: 139

Ion	Ratio	Lower	Upper
142	100		
127	28.8	34.7	52.1#
141	0.0	11.6	17.4#

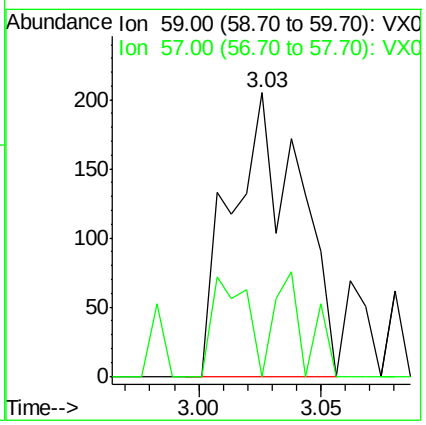


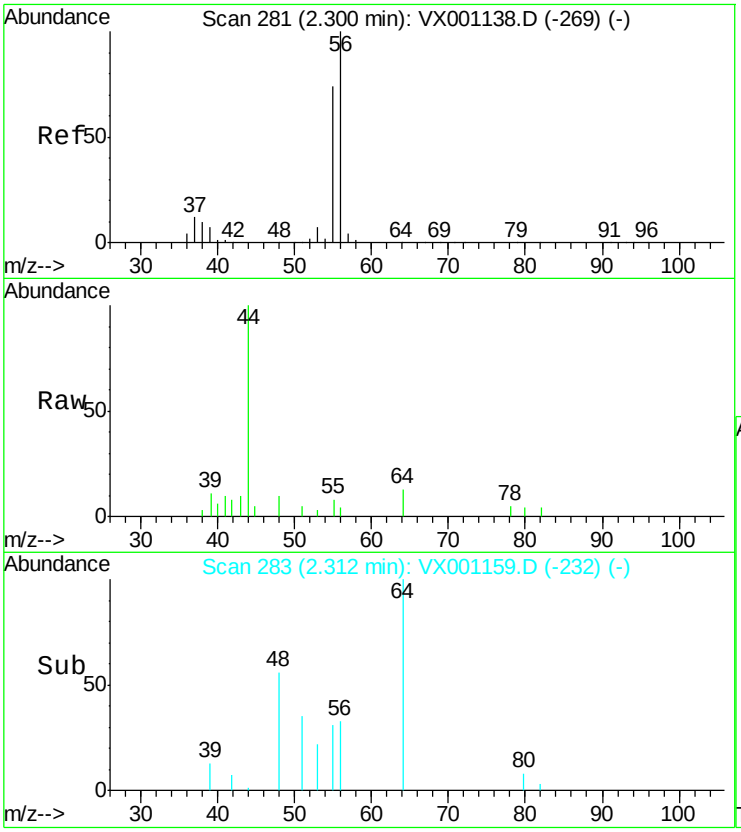


#11
Tert butyl alcohol
Concen: 0.62 ug/l
RT: 3.03 min Scan# 400
Delta R.T. -0.06 min
Lab File: VX001159.D
Acq: 27 Apr 2018 07:31

Tgt Ion: 59 Resp: 396

Ion	Ratio	Lower	Upper
59	100		
57	16.9	8.2	12.4#



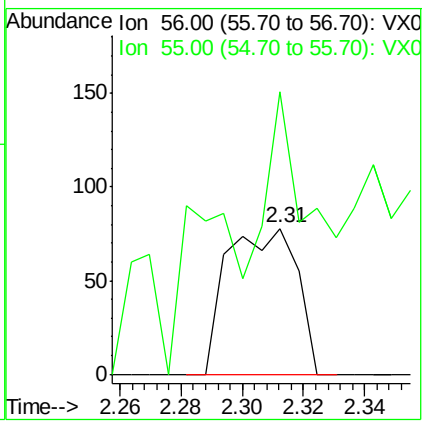


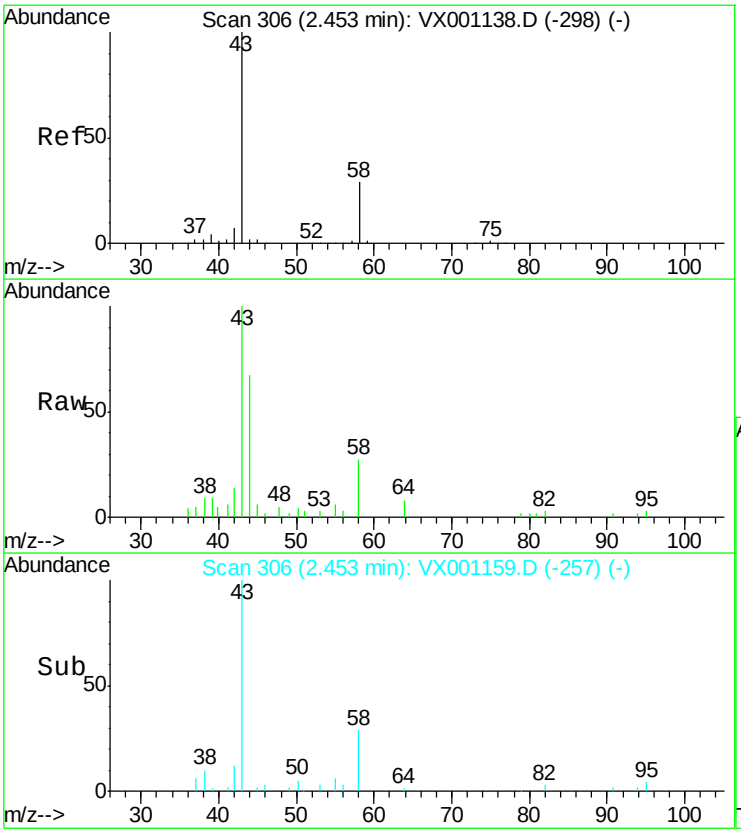
#13
Acrolein
Concen: 0.51 ug/l
RT: 2.31 min Scan# 283
Delta R.T. 0.01 min
Lab File: VX001159.D
Acq: 27 Apr 2018 07:31

Instrument :
MSVOA_X
ClientSampleId :
PB108612ZHE#11

Tgt Ion: 56 Resp: 123

Ion	Ratio	Lower	Upper
56	100		
55	85.4	57.2	85.8

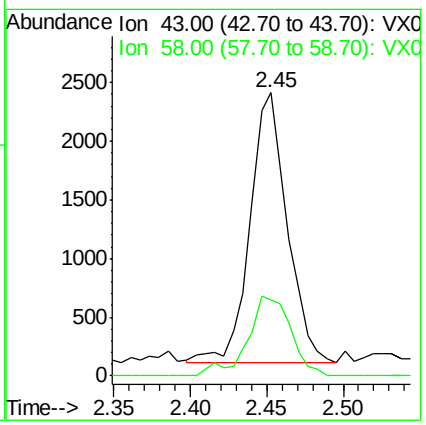


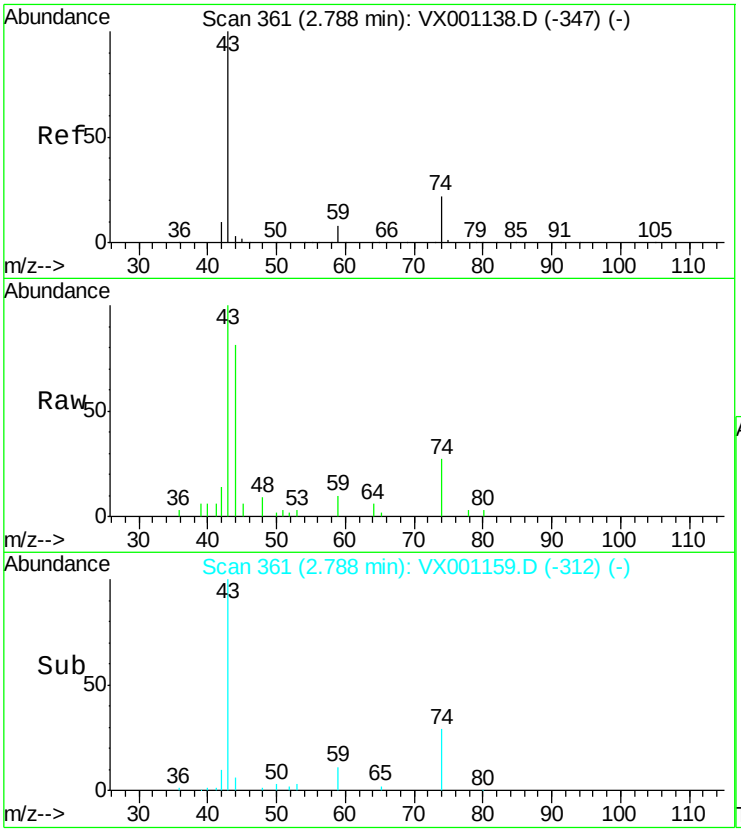


#16
Acetone
Concen: 2.93 ug/l
RT: 2.45 min Scan# 306
Delta R.T. -0.00 min
Lab File: VX001159.D
Acq: 27 Apr 2018 07:31

Tgt Ion: 43 Resp: 3887

Ion	Ratio	Lower	Upper
43	100		
58	28.4	23.0	34.6



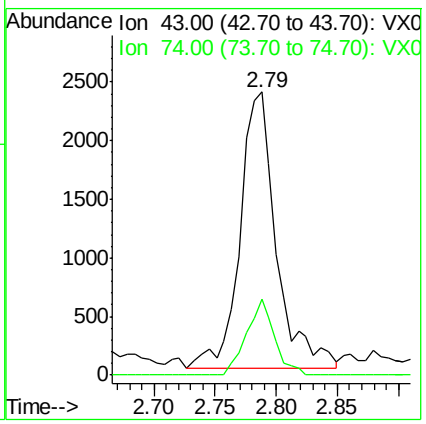


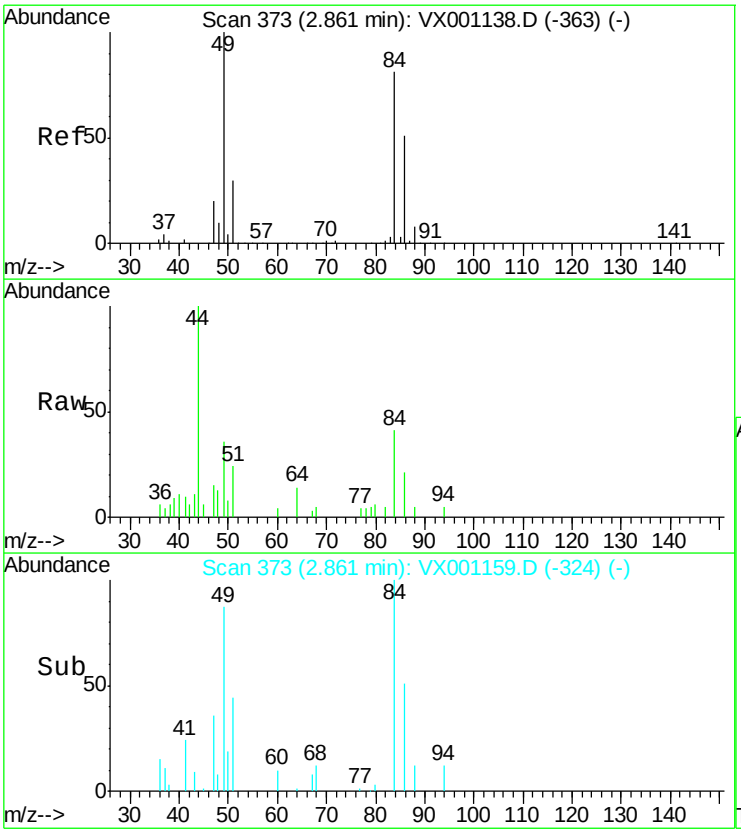
#18
Methyl Acetate
Concen: 1.46 ug/l
RT: 2.79 min Scan# 361
Delta R.T. -0.00 min
Lab File: VX001159.D
Acq: 27 Apr 2018 07:31

Instrument :
MSVOA_X
ClientSampleId :
PB108612ZHE#11

Tgt Ion: 43 Resp: 4850

Ion	Ratio	Lower	Upper
43	100		
74	21.2	18.1	27.1

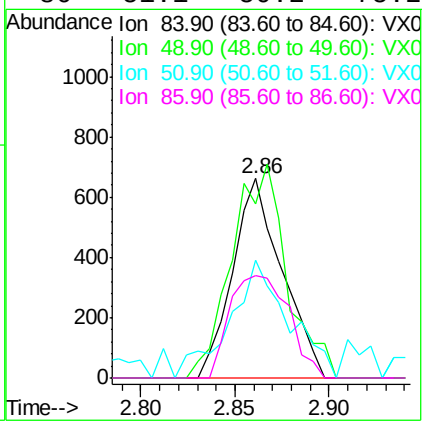


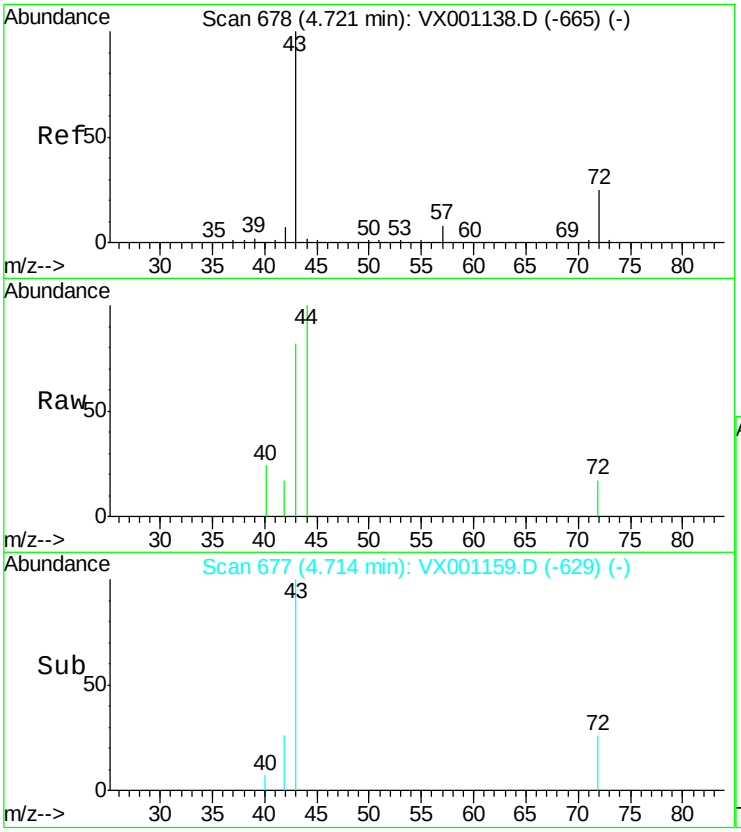


#20
Methylene Chloride
Concen: 0.49 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX001159.D
Acq: 27 Apr 2018 07:31

Tgt Ion: 84 Resp: 1206

Ion	Ratio	Lower	Upper
84	100		
49	87.1	99.2	148.8#
51	59.5	29.5	44.3#
86	51.1	50.2	75.2



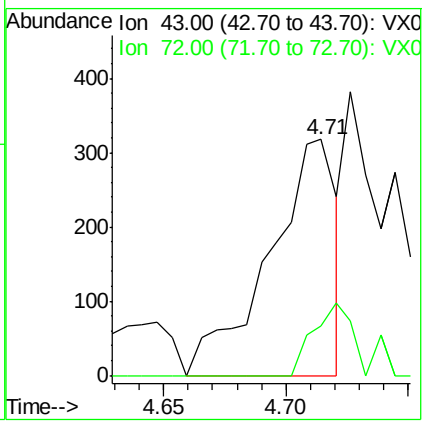


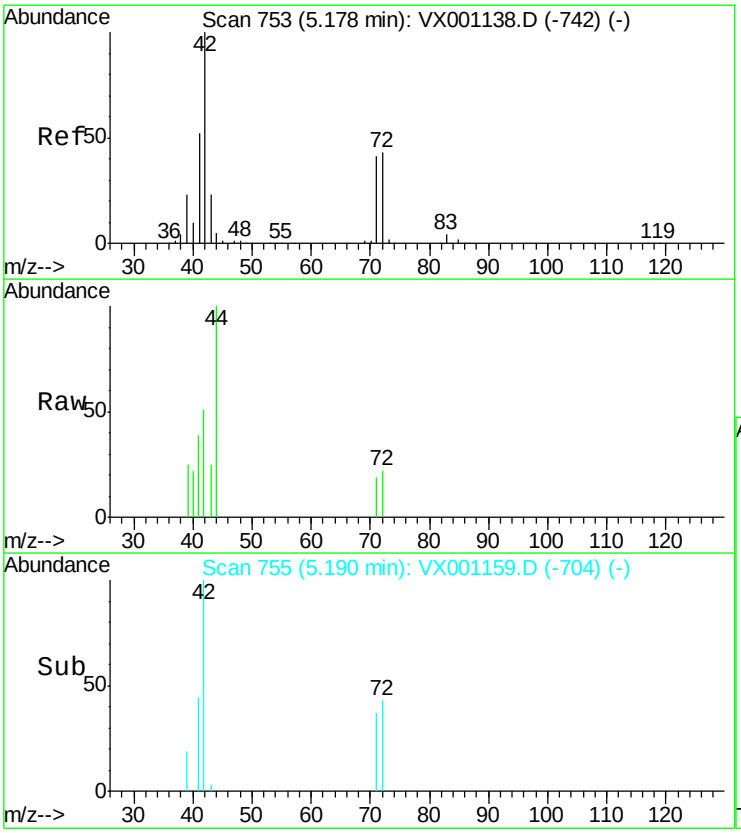
#25
2-Butanone
Concen: 0.30 ug/l
RT: 4.71 min Scan# 677
Delta R.T. -0.01 min
Lab File: VX001159.D
Acq: 27 Apr 2018 07:31

Instrument :
MSVOA_X
ClientSampleId :
PB108612ZHE#11

Tgt Ion: 43 Resp: 605

Ion	Ratio	Lower	Upper
43	100		
72	21.1	20.0	30.0

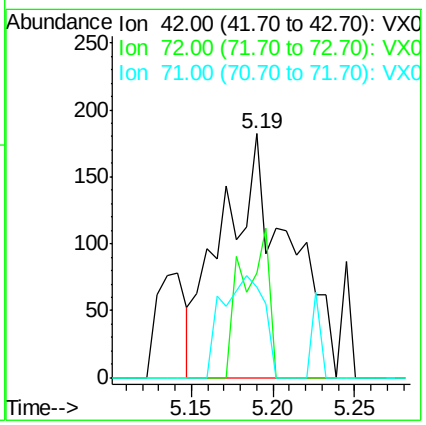


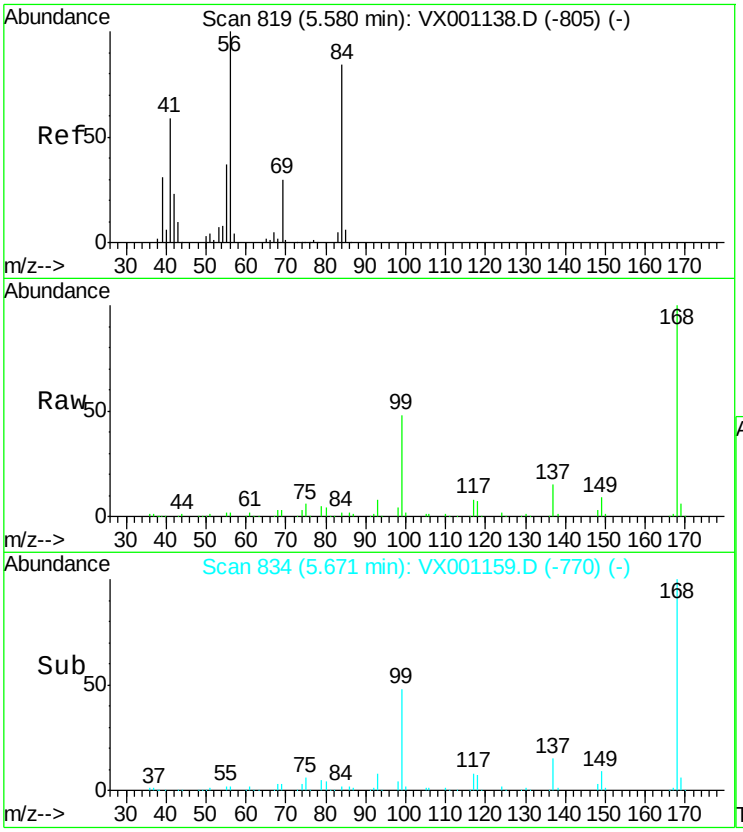


#29
Tetrahydrofuran
Concen: 0.41 ug/l
RT: 5.19 min Scan# 755
Delta R.T. 0.01 min
Lab File: VX001159.D
Acq: 27 Apr 2018 07:31

Tgt Ion: 42 Resp: 520

Ion	Ratio	Lower	Upper
42	100		
72	24.2	34.4	51.6#
71	26.5	32.1	48.1#



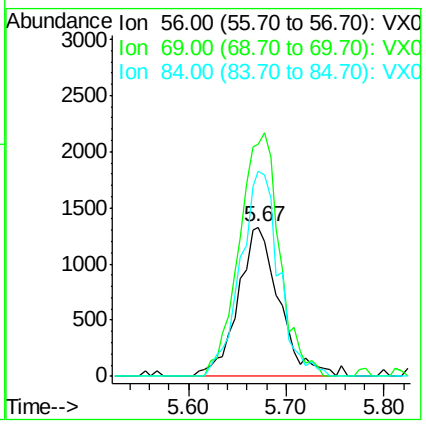


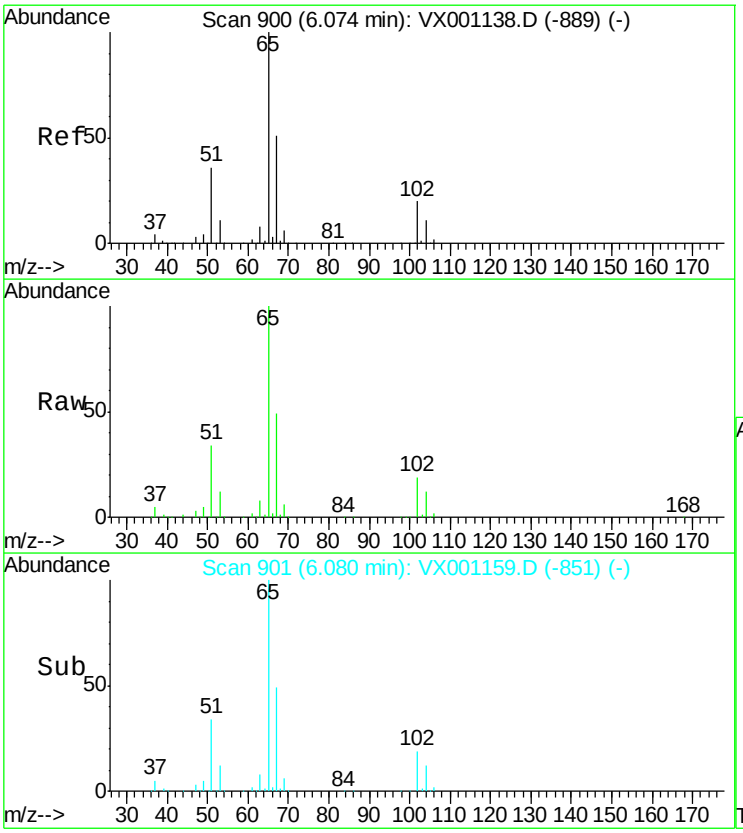
#31
Cyclohexane
Concen: 1.13 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.09 min
Lab File: VX001159.D
Acq: 27 Apr 2018 07:31

Instrument :
MSVOA_X
ClientSampleId :
PB108612ZHE#11

Tgt Ion: 56 Resp: 3870

Ion	Ratio	Lower	Upper
56	100		
69	155.3	24.2	36.2#
84	137.6	67.5	101.3#

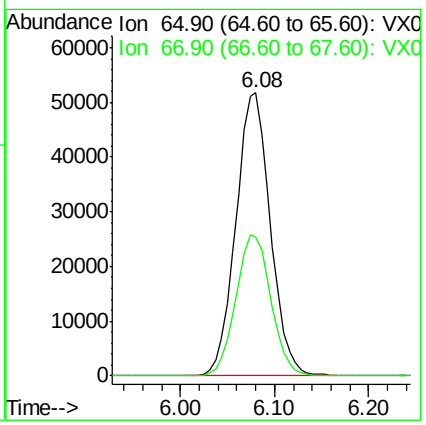


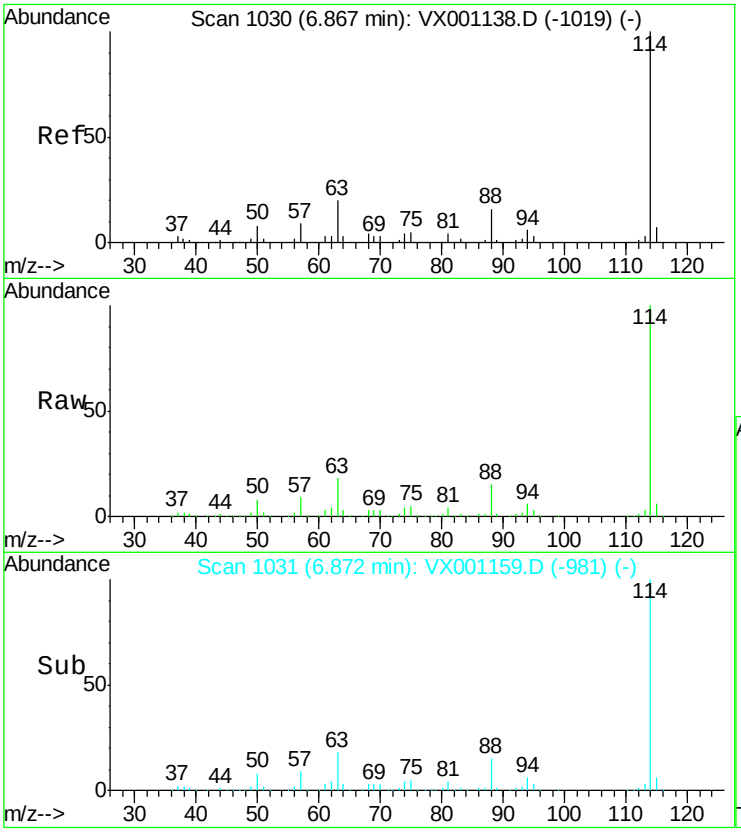


#33
1,2-Dichloroethane-d4
Concen: 41.07 ug/l
RT: 6.08 min Scan# 901
Delta R.T. 0.01 min
Lab File: VX001159.D
Acq: 27 Apr 2018 07:31

Tgt Ion: 65 Resp: 132712

Ion	Ratio	Lower	Upper
65	100		
67	50.9	0.0	102.2



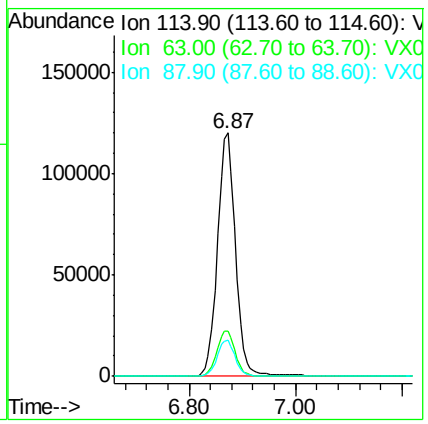


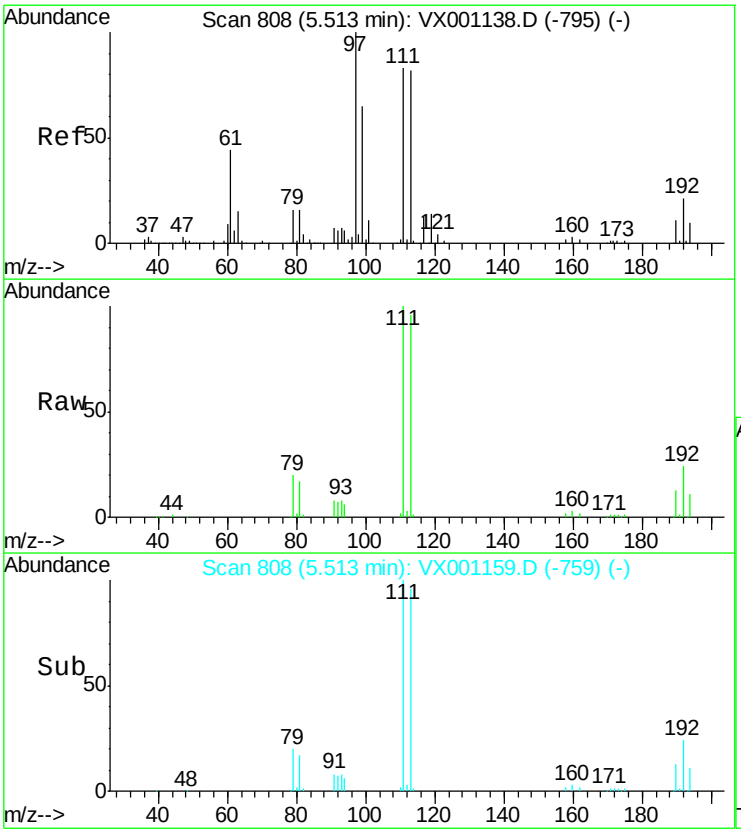
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VX001159.D
Acq: 27 Apr 2018 07:31

Instrument :
MSVOA_X
ClientSampleId :
PB108612ZHE#11

Tgt Ion:114 Resp: 285276

Ion	Ratio	Lower	Upper
114	100		
63	18.3	0.0	40.4
88	14.9	0.0	31.8

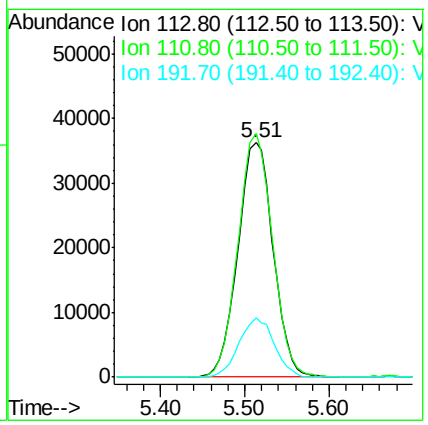


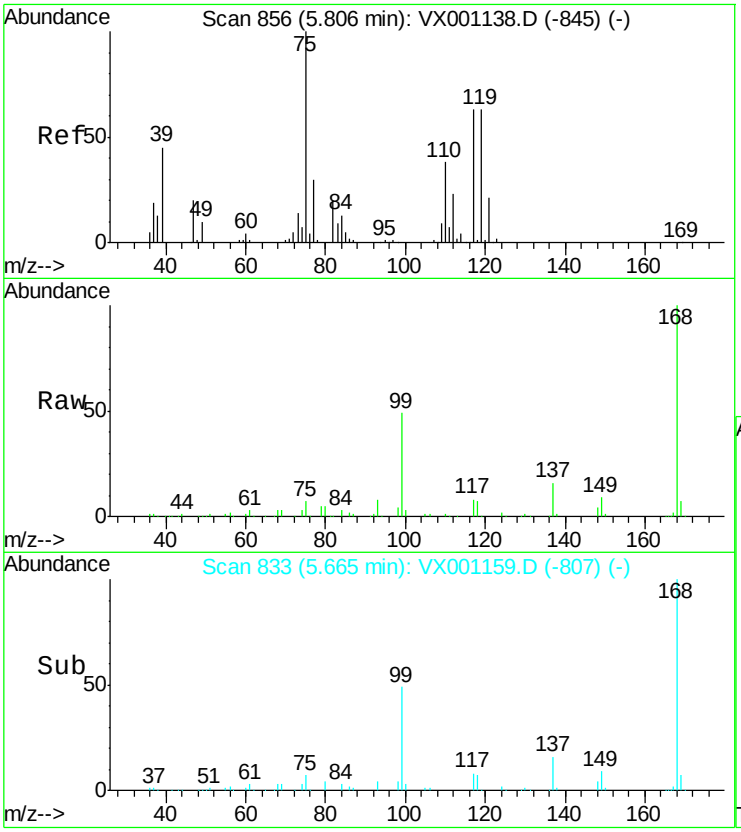


#35
Dibromofluoromethane
Concen: 43.46 ug/l
RT: 5.51 min Scan# 808
Delta R.T. -0.00 min
Lab File: VX001159.D
Acq: 27 Apr 2018 07:31

Tgt Ion:113 Resp: 102630

Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.2	123.4
192	25.3	20.6	30.8



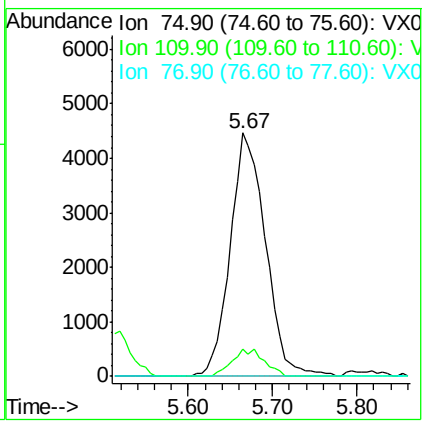


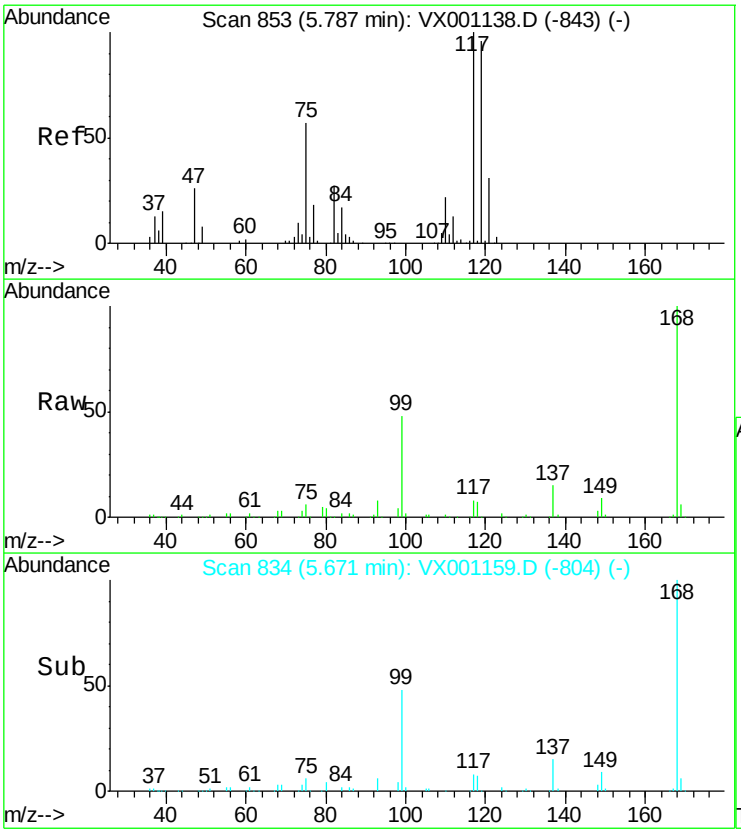
#36
1,1-Dichloropropene
Concen: 4.03 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.14 min
Lab File: VX001159.D
Acq: 27 Apr 2018 07:31

Instrument :
MSVOA_X
ClientSampleId :
PB108612ZHE#11

Tgt Ion: 75 Resp: 12683

Ion	Ratio	Lower	Upper
75	100		
110	10.1	19.0	57.0#
77	0.0	24.8	37.2#

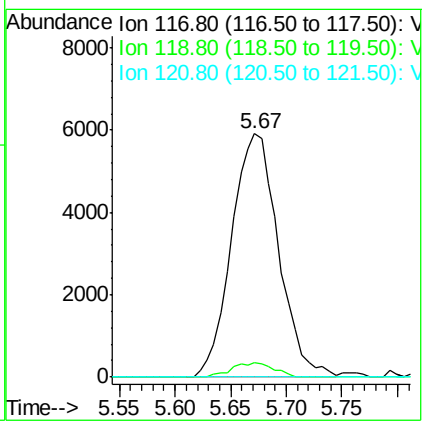


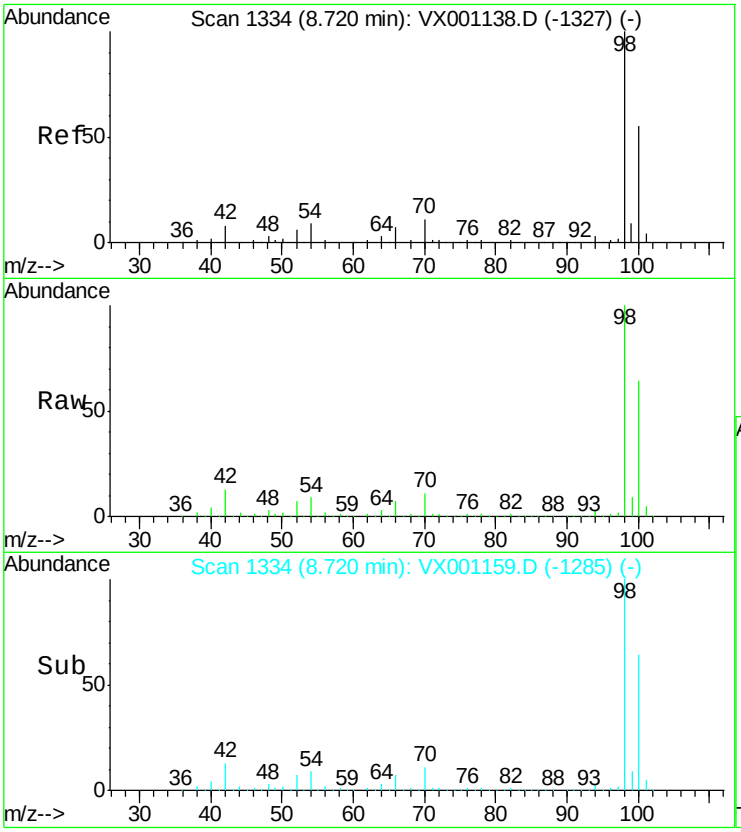


#38
Carbon Tetrachloride
Concen: 5.35 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.12 min
Lab File: VX001159.D
Acq: 27 Apr 2018 07:31

Tgt Ion:117 Resp: 17260

Ion	Ratio	Lower	Upper
117	100		
119	5.8	76.5	114.7#
121	0.0	24.6	37.0#



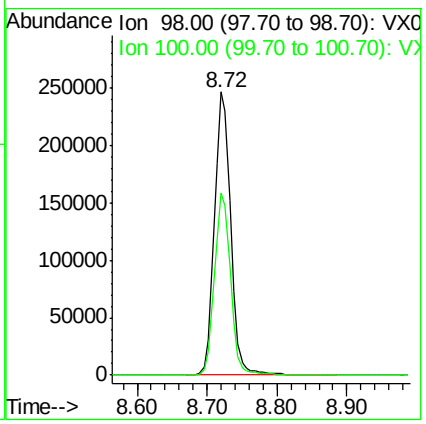


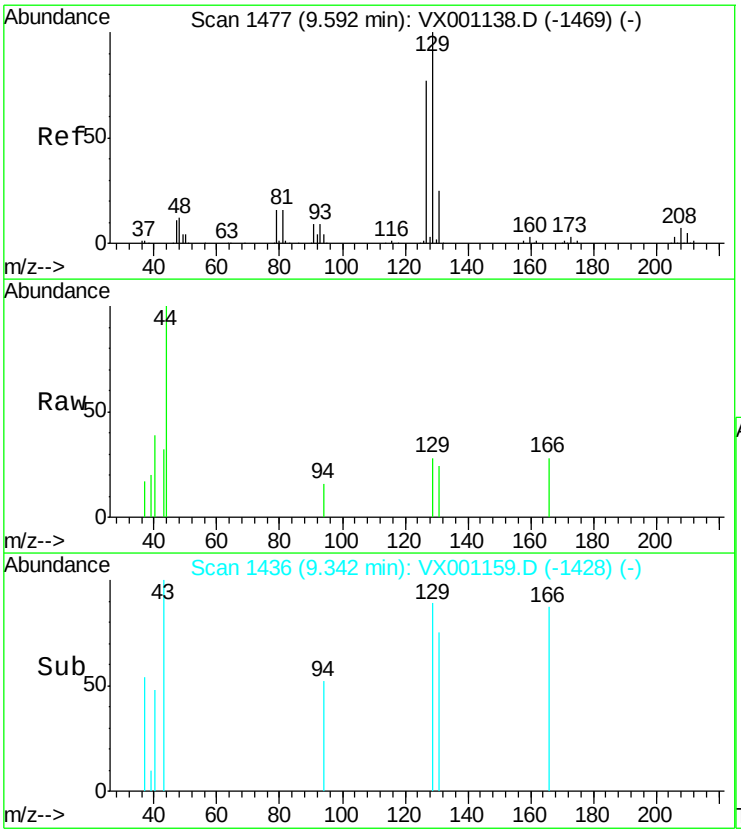
#50
Toluene-d8
Concen: 44.60 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX001159.D
Acq: 27 Apr 2018 07:31

Instrument :
MSVOA_X
ClientSampleId :
PB108612ZHE#11

Tgt Ion: 98 Resp: 397382

Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.8	77.6

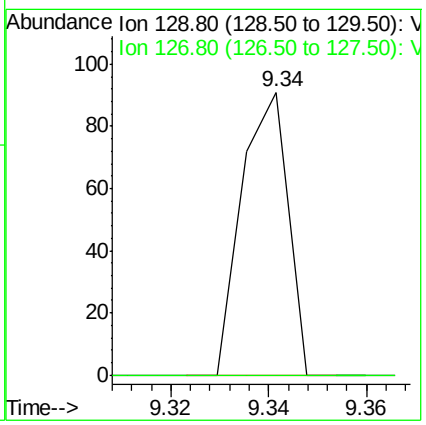


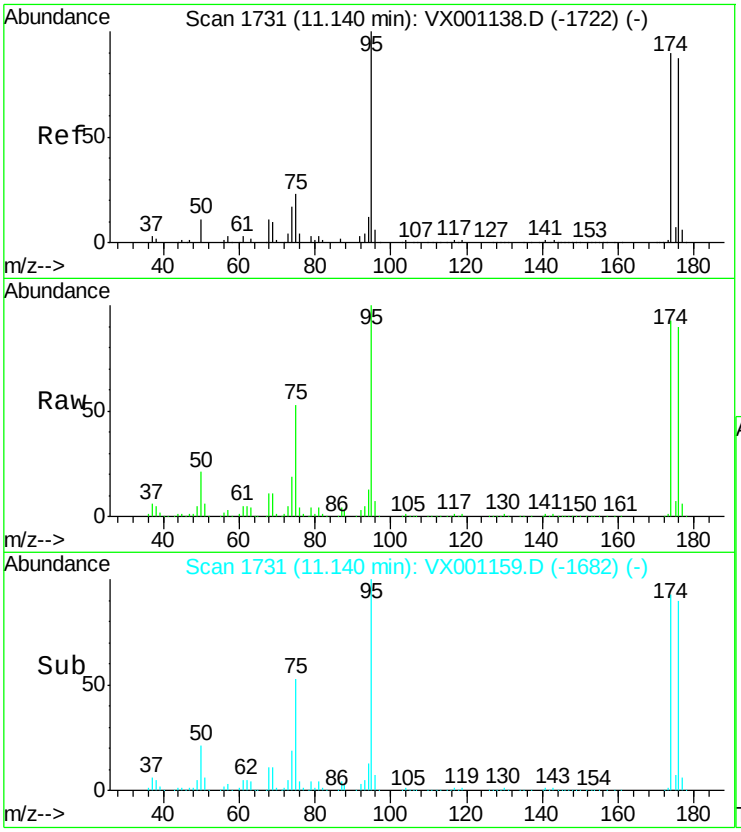


#60
Dibromochloromethane
Concen: 3.37 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.25 min
Lab File: VX001159.D
Acq: 27 Apr 2018 07:31

Tgt Ion:129 Resp: 60

Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.4	115.2#



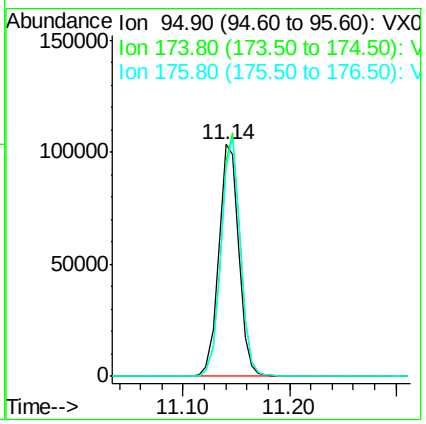


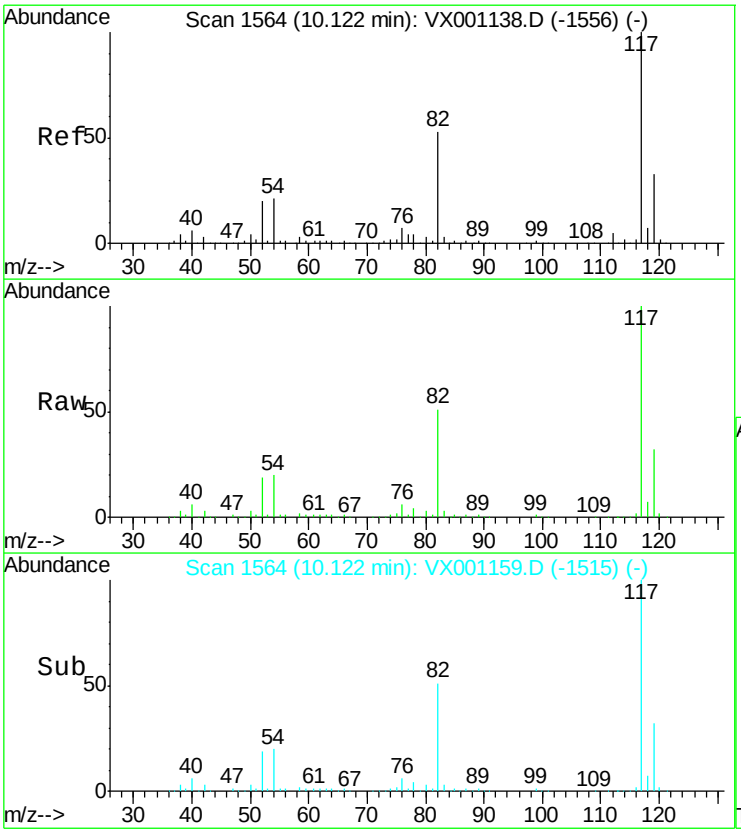
#62
4-Bromofluorobenzene
Concen: 39.06 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX001159.D
Acq: 27 Apr 2018 07:31

Instrument :
MSVOA_X
ClientSampleId :
PB108612ZHE#11

Tgt Ion: 95 Resp: 135973

Ion	Ratio	Lower	Upper
95	100		
174	100.7	0.0	194.4
176	98.3	0.0	190.2

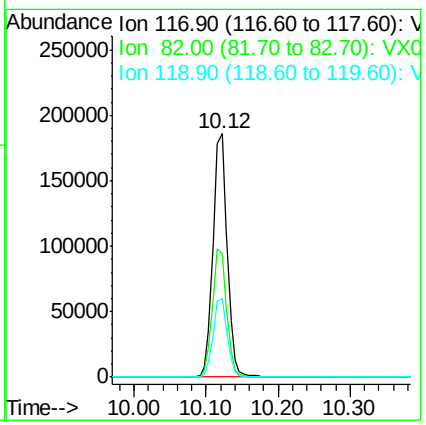


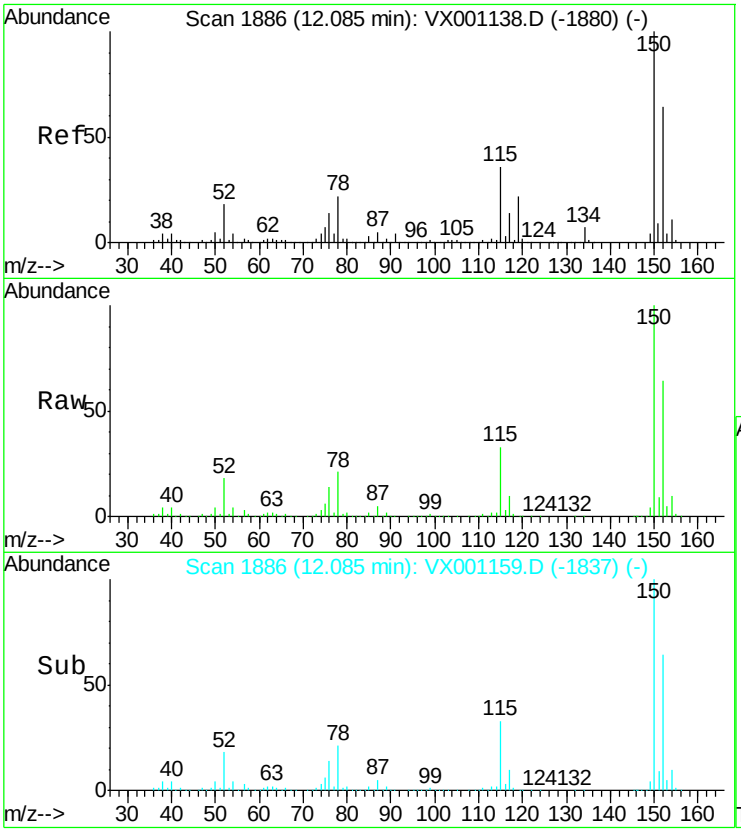


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX001159.D
Acq: 27 Apr 2018 07:31

Tgt Ion:117 Resp: 254206

Ion	Ratio	Lower	Upper
117	100		
82	50.9	42.1	63.1
119	32.3	26.1	39.1



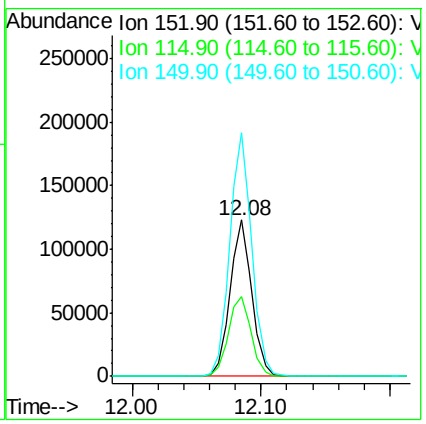


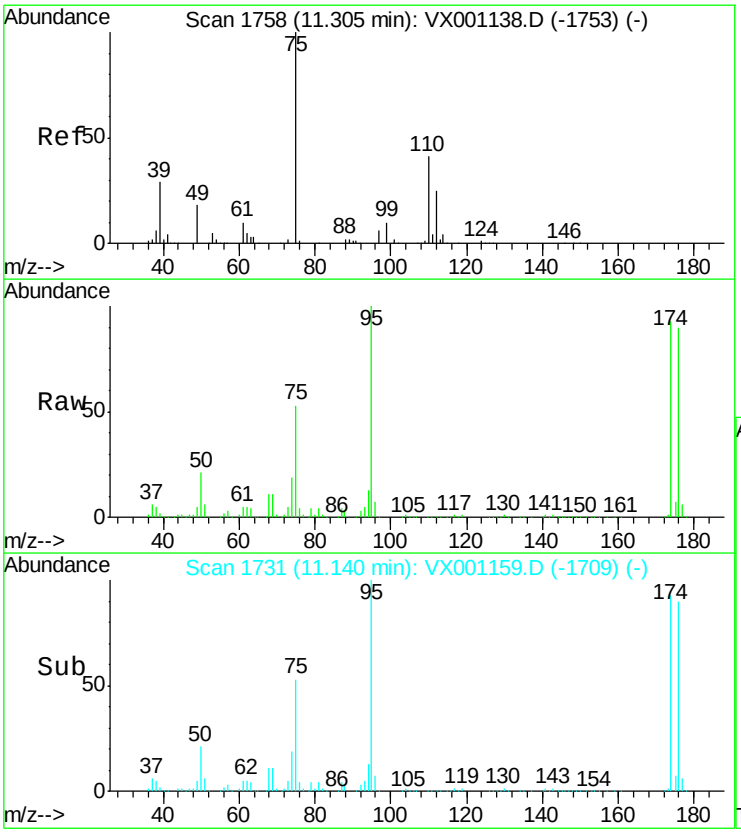
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX001159.D
Acq: 27 Apr 2018 07:31

Instrument :
MSVOA_X
ClientSampleId :
PB108612ZHE#11

Tgt Ion:152 Resp: 145181

Ion	Ratio	Lower	Upper
152	100		
115	53.4	38.0	114.0
150	157.7	0.0	349.6

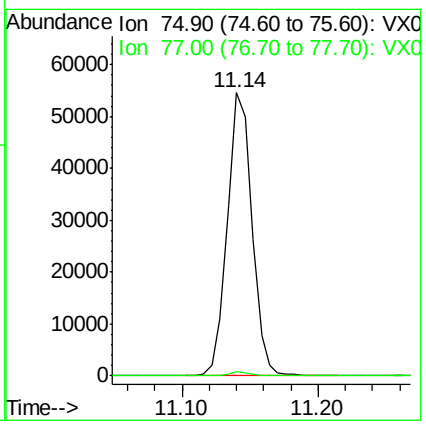


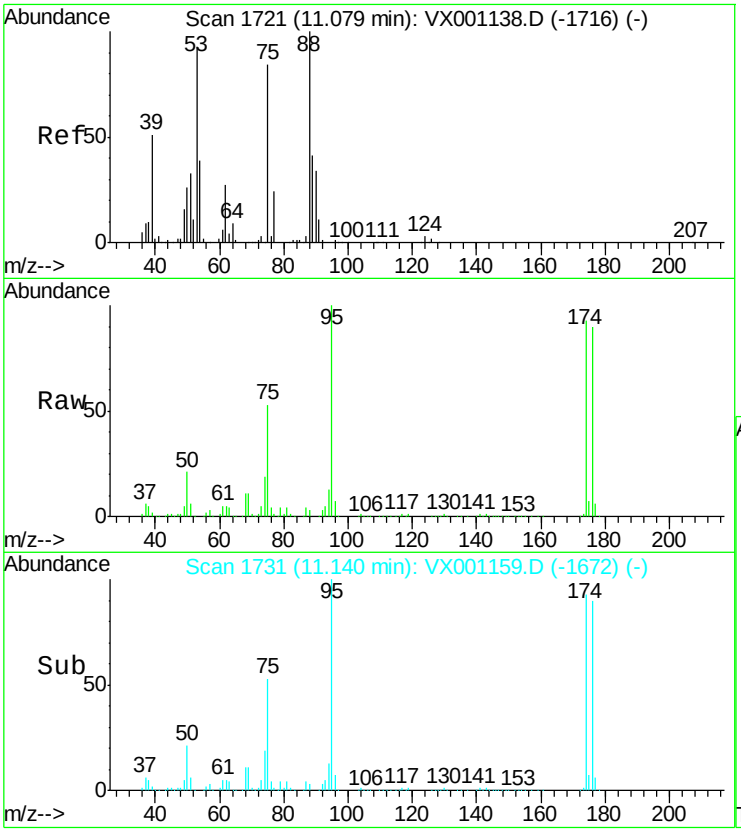


#76
1,2,3-Trichloropropane
Concen: 23.33 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX001159.D
Acq: 27 Apr 2018 07:31

Tgt Ion: 75 Resp: 68973

Ion	Ratio	Lower	Upper
75	100		
77	1.2	18.9	56.9#





#81
trans-1,4-Dichloro-2-butene
Concen: 71.69 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX001159.D
Acq: 27 Apr 2018 07:31

Instrument :
MSVOA_X
ClientSampleId :
PB108612ZHE#11

Tgt Ion: 75 Resp: 68973

Ion	Ratio	Lower	Upper
75	100		
53	0.0	87.9	131.9#
89	0.0	37.7	56.5#