Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX050818\
Data File : VX001520.D
Acq On : 08 May 2018 18:00
Operator : JC/MD
Sample : J2644-15
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SS037MW012-180426

Quant Time: May 09 06:46:38 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	230553	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	321457	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	281783	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	154798	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	198896	60.02	ug/l	0.00
Spiked Amount 50.000			Recovery =	120.04%		
35) Dibromofluoromethane	5.51	113	154744	54.12	ug/l	0.00
Spiked Amount 50.000			Recovery =	108.24%		
50) Toluene-d8	8.72	98	561925	53.84	ug/l	0.00
Spiked Amount 50.000			Recovery =	107.68%		
62) 4-Bromofluorobenzene	11.14	95	185755	46.36	ug/l	0.00
Spiked Amount 50.000			Recovery =	92.72%		
Target Compounds						Qvalue
4) Vinyl Chloride	1.40	62	2906	0.92	ug/l	100
5) Bromomethane	1.65	94	857	Below Cal	#	63
10) Methyl Iodide	2.51	142	958	0.24	ug/l #	81
11) Tert butyl alcohol	3.08	59	1161	1.66	ug/l #	72
13) Acrolein	2.40	56	9019	56.45	ug/l #	82
14) Allyl chloride	2.62	41	2411	0.51	ug/l #	77
16) Acetone	2.45	43	3025	2.01	ug/l	90
18) Methyl Acetate	2.84	43	112863	28.55	ug/l #	52
20) Methylene Chloride	2.86	84	1002	0.34	ug/l #	1
25) 2-Butanone	4.72	43	983	0.45	ug/l	98
27) cis-1,2-Dichloroethene	4.61	96	1272	0.42	ug/l #	1
29) Tetrahydrofuran	5.18	42	307	0.22	ug/l #	33
31) Cyclohexane	5.73	56	34393	8.07	ug/l #	18
36) 1,1-Dichloropropene	5.67	75	14345	3.51	ug/l #	50
38) Carbon Tetrachloride	5.67	117	20014	4.59	ug/l #	15
39) Methylcyclohexane	7.45	83	4313	0.89	ug/l #	32
43) Isopropyl Acetate	6.35	43	246171	35.78	ug/l #	61
48) Methyl methacrylate	7.68	41	8912	2.38	ug/l #	29
51) 4-Methyl-2-Pentanone	8.68	43	7908	1.73	ug/l #	74
55) 1,1,2-Trichloroethane	9.17	97	780	0.25	ug/l #	19
58) 2-Chloroethyl Vinyl ether	8.18	63	1792	0.81	ug/l #	43
59) 2-Hexanone	9.32	43	7785	2.22	ug/l	77
74) N-amyl acetate	6.35	43	246171	50.58	ug/l #	58
76) 1,2,3-Trichloropropane	11.14	75	93866	29.90	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.14	75	93866	91.44	ug/l #	7
86) p-Isopropyltoluene	12.24	119	4954	0.51	ug/l	94

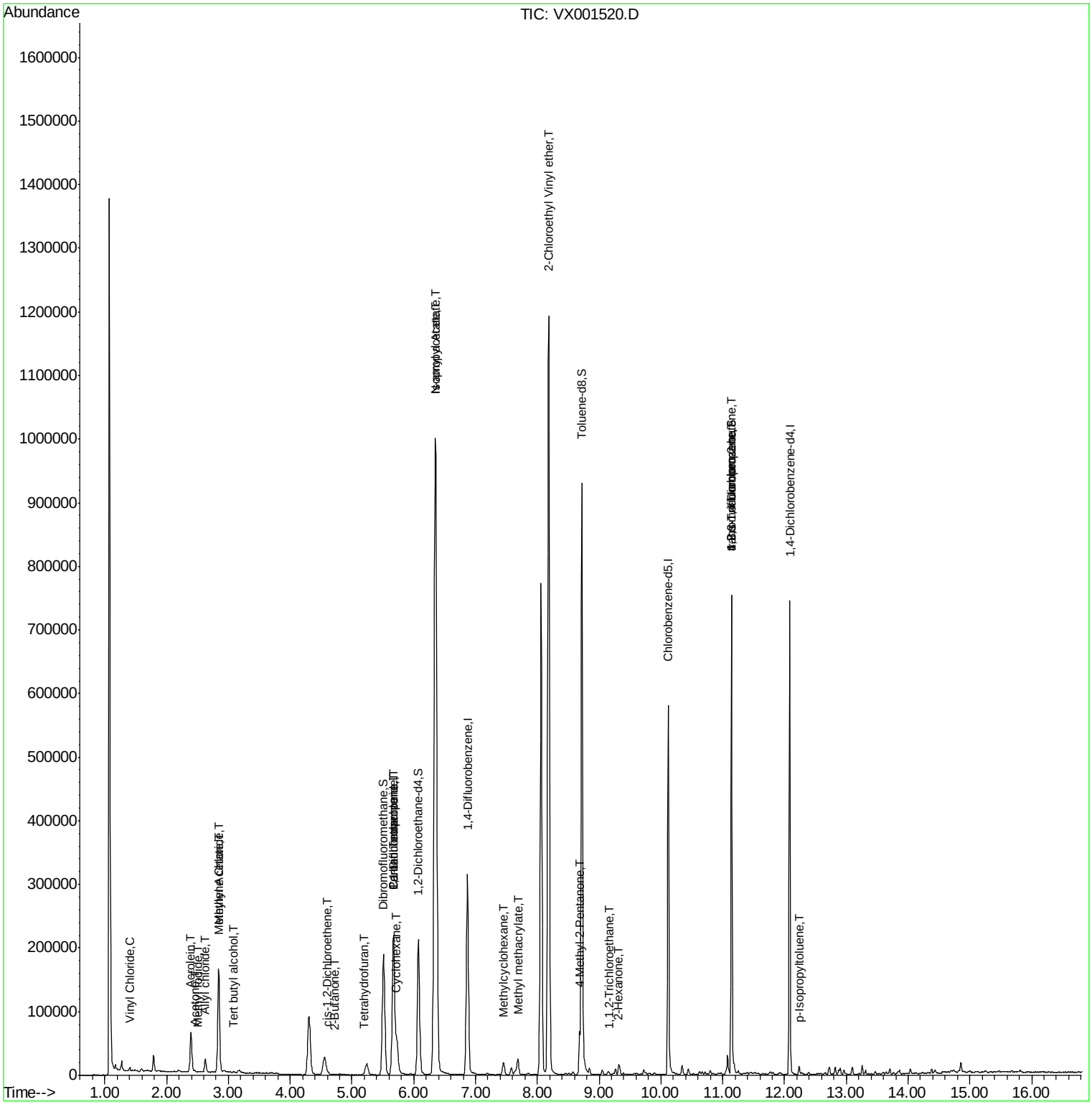
(#) = qualifier out of range (m) = manual integration (+) = signals summed

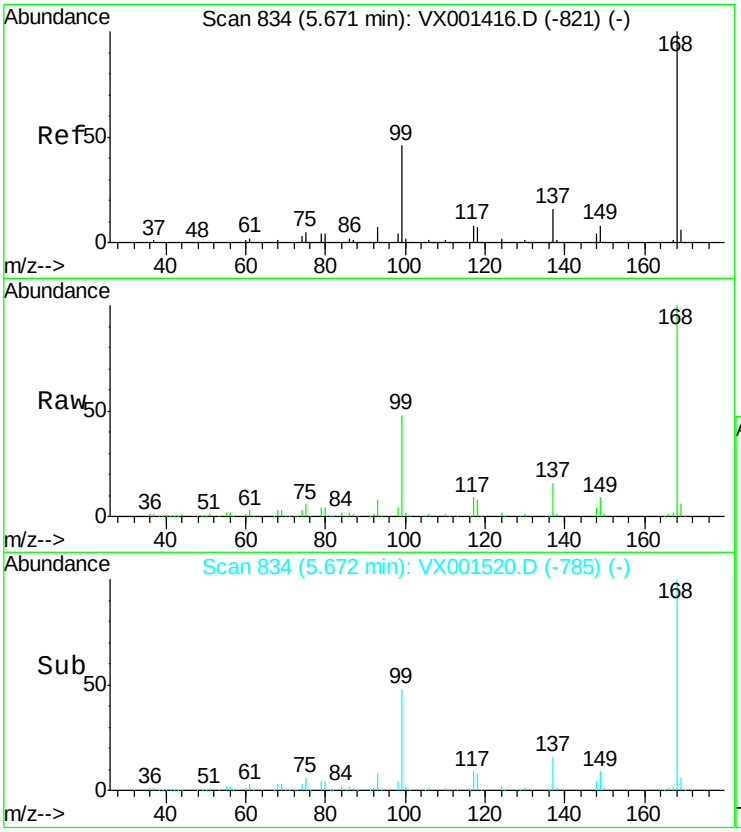
Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX050818\
Data File : VX001520.D
Acq On : 08 May 2018 18:00
Operator : JC/MD
Sample : J2644-15
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SS037MW012-180426

Quant Time: May 09 06:46:38 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



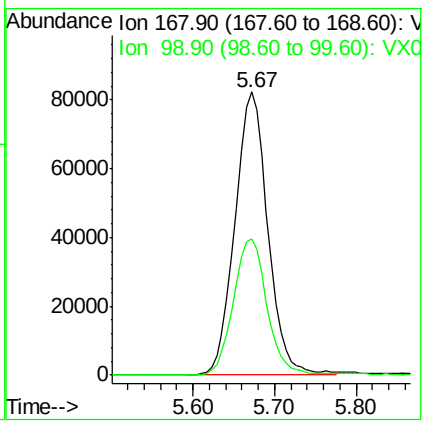


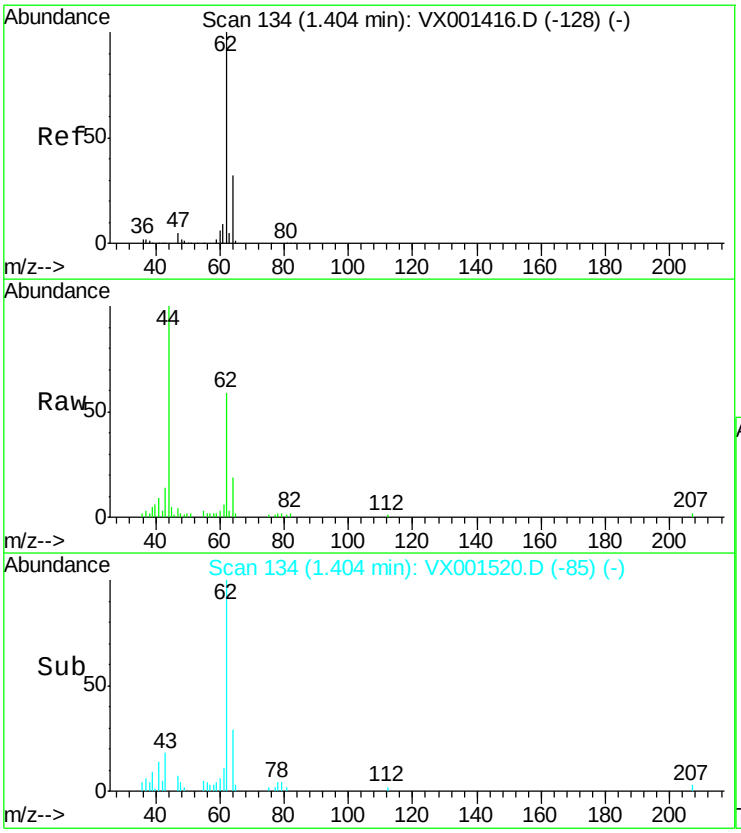
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.00 min
Lab File: VX001520.D
Acq: 08 May 2018 18:00

Instrument :
MSVOA_X
ClientSampleId :
SS037MW012-180426

Tgt Ion:168 Resp: 230553

Ion	Ratio	Lower	Upper
168	100		
99	47.9	36.6	54.8

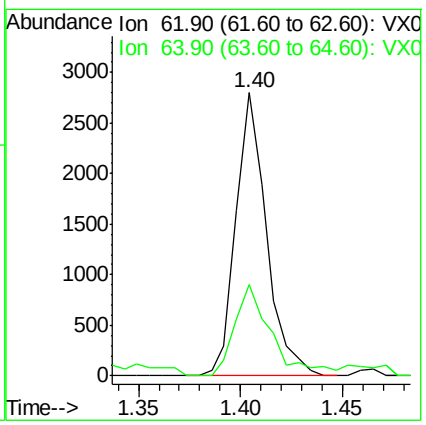


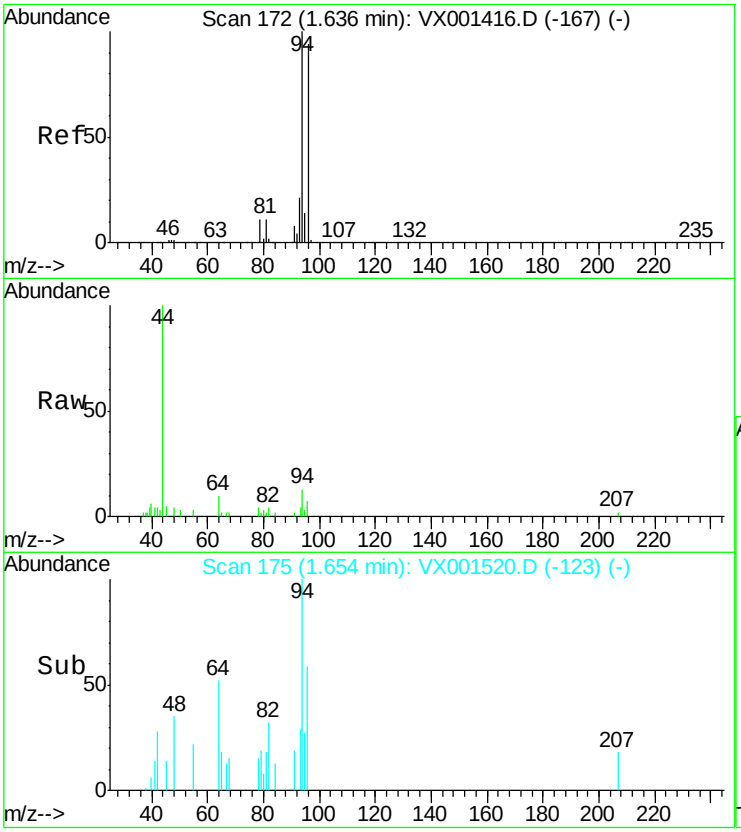


#4
Vinyl Chloride
Concen: 0.92 ug/l
RT: 1.40 min Scan# 134
Delta R.T. 0.00 min
Lab File: VX001520.D
Acq: 08 May 2018 18:00

Tgt Ion: 62 Resp: 2906

Ion	Ratio	Lower	Upper
62	100		
64	32.4	25.8	38.6



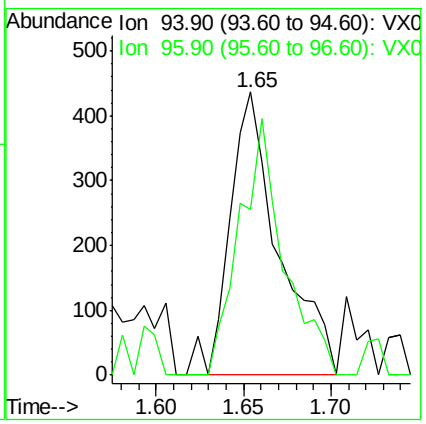


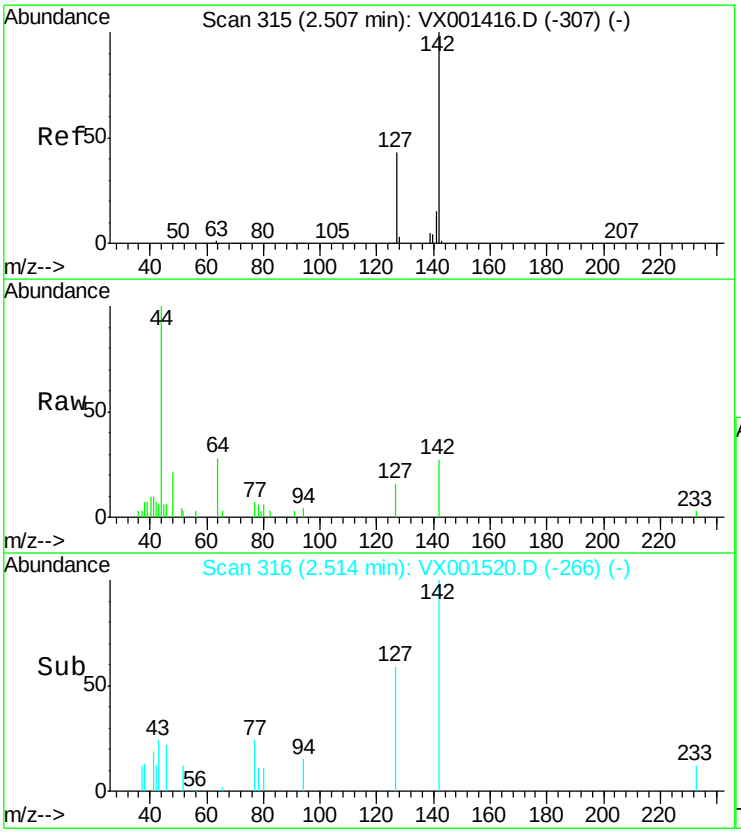
#5
Bromomethane
Concen: Below Cal
RT: 1.65 min Scan# 175
Delta R.T. 0.02 min
Lab File: VX001520.D
Acq: 08 May 2018 18:00

Instrument : MSVOA_X
ClientSampleId : SS037MW012-180426

Tgt Ion: 94 Resp: 857

Ion	Ratio	Lower	Upper
94	100		
96	58.6	75.0	112.6#

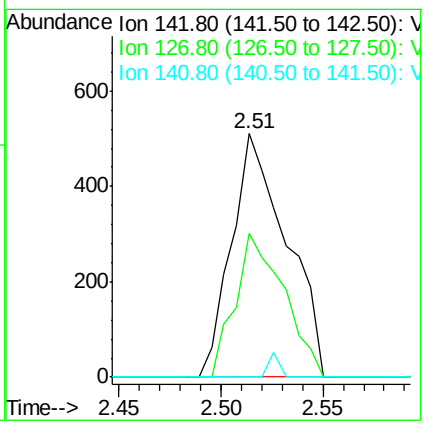


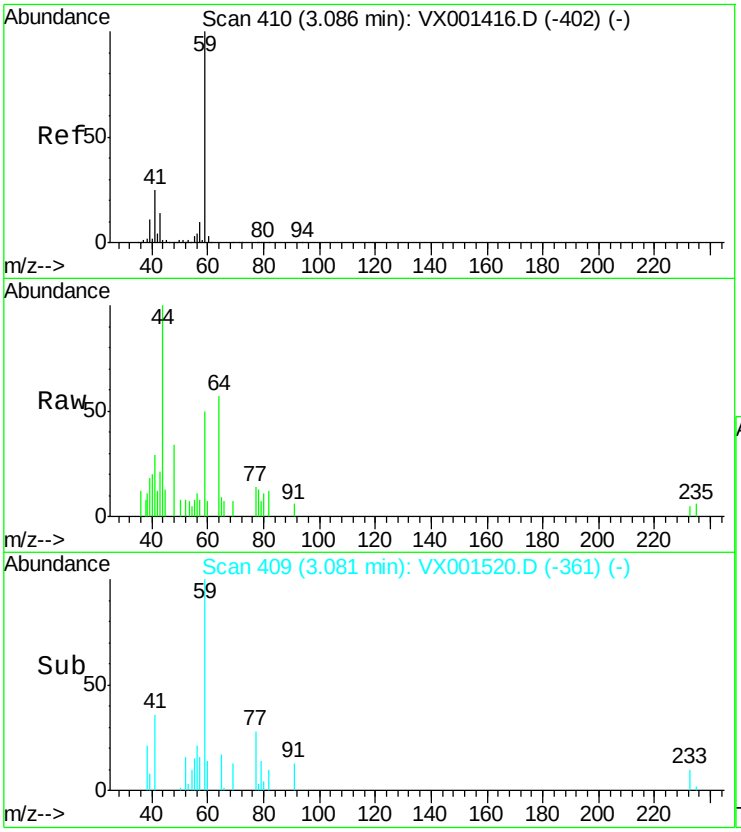


#10
Methyl Iodide
Concen: 0.24 ug/l
RT: 2.51 min Scan# 316
Delta R.T. 0.01 min
Lab File: VX001520.D
Acq: 08 May 2018 18:00

Tgt Ion:142 Resp: 958

Ion	Ratio	Lower	Upper
142	100		
127	52.0	33.6	50.4#
141	2.0	11.4	17.2#



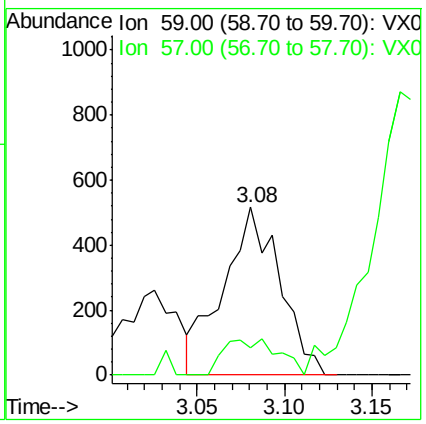


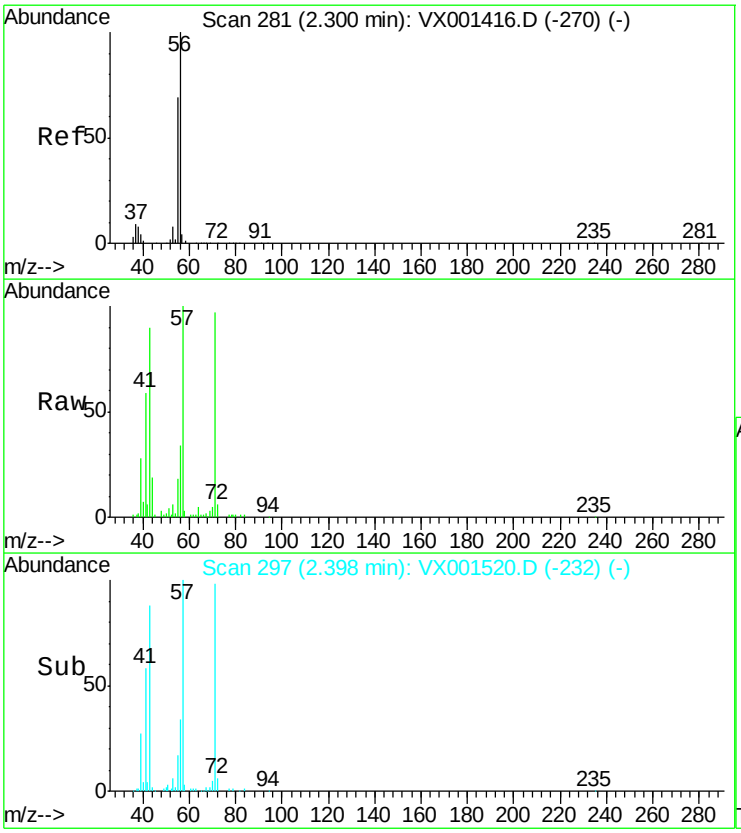
#11
Tert butyl alcohol
Concen: 1.66 ug/l
RT: 3.08 min Scan# 409
Delta R.T. -0.01 min
Lab File: VX001520.D
Acq: 08 May 2018 18:00

Instrument :
MSVOA_X
ClientSampleId :
SS037MW012-180426

Tgt Ion: 59 Resp: 1161

Ion	Ratio	Lower	Upper
59	100		
57	20.6	8.2	12.4#

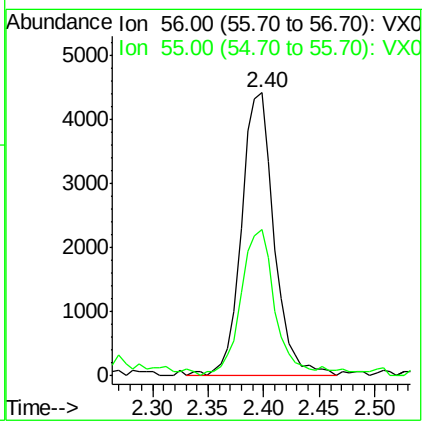


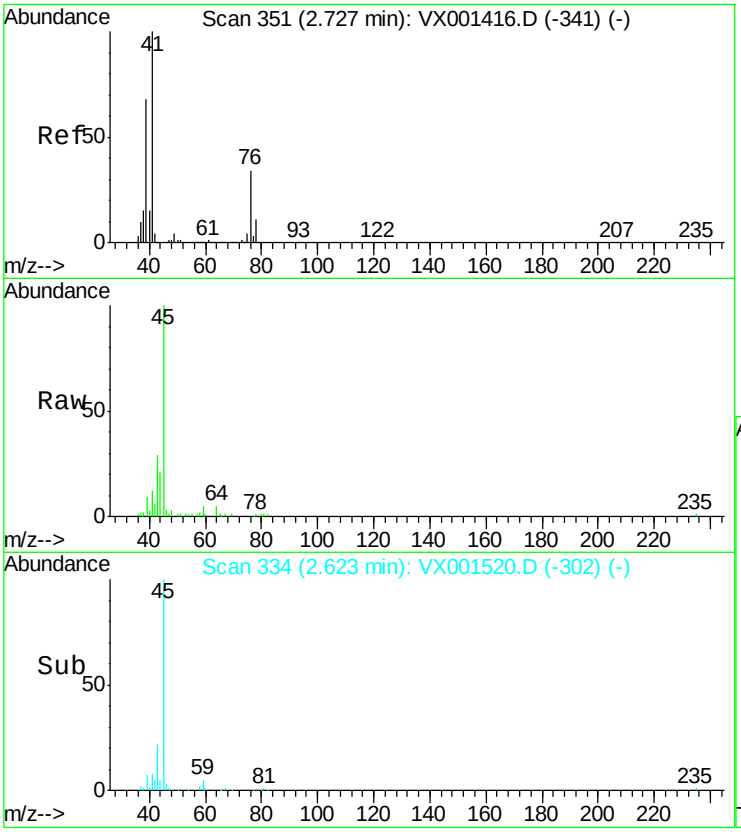


#13
Acrolein
Concen: 56.45 ug/l
RT: 2.40 min Scan# 297
Delta R.T. 0.10 min
Lab File: VX001520.D
Acq: 08 May 2018 18:00

Tgt Ion: 56 Resp: 9019

Ion	Ratio	Lower	Upper
56	100		
55	53.7	54.5	81.7#



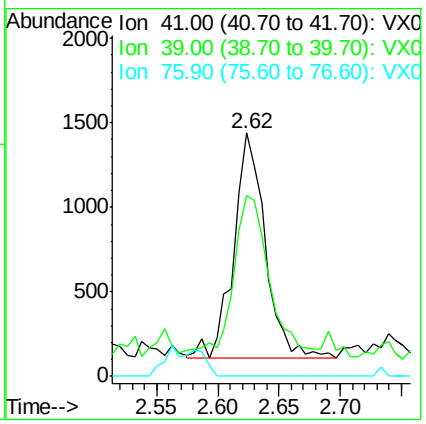


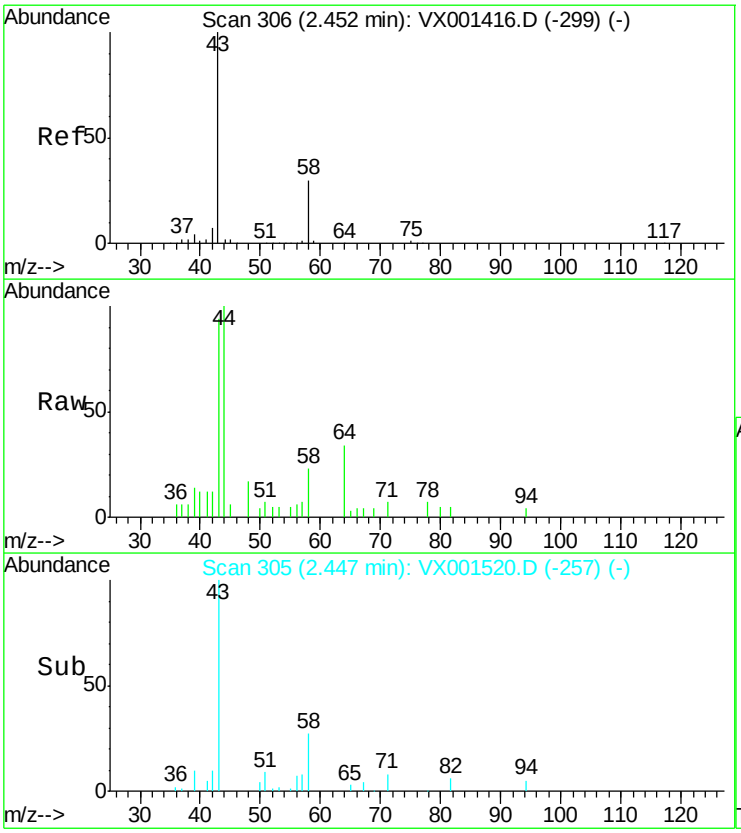
#14
Allyl chloride
Concen: 0.51 ug/l
RT: 2.62 min Scan# 334
Delta R.T. -0.10 min
Lab File: VX001520.D
Acq: 08 May 2018 18:00

Instrument :
MSVOA_X
ClientSampleId :
SS037MW012-180426

Tgt Ion: 41 Resp: 2411

Ion	Ratio	Lower	Upper
41	100		
39	70.3	52.4	78.6
76	0.0	25.8	38.6#

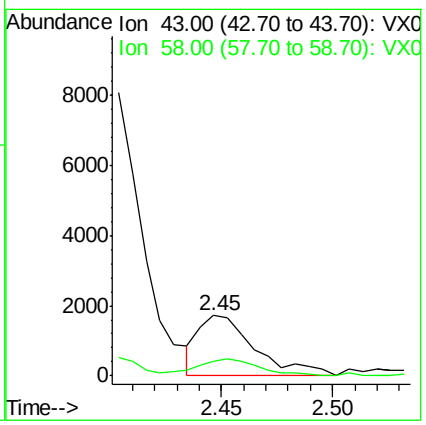


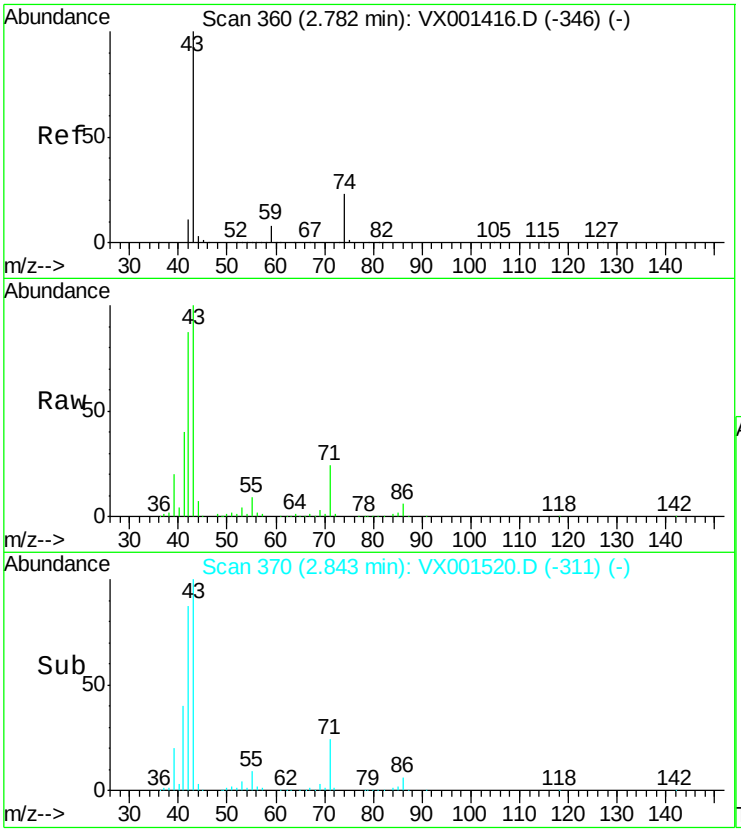


#16
Acetone
Concen: 2.01 ug/l
RT: 2.45 min Scan# 305
Delta R.T. -0.01 min
Lab File: VX001520.D
Acq: 08 May 2018 18:00

Tgt Ion: 43 Resp: 3025

Ion	Ratio	Lower	Upper
43	100		
58	24.3	23.8	35.8



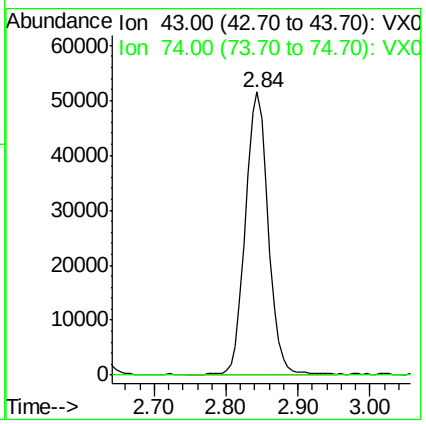


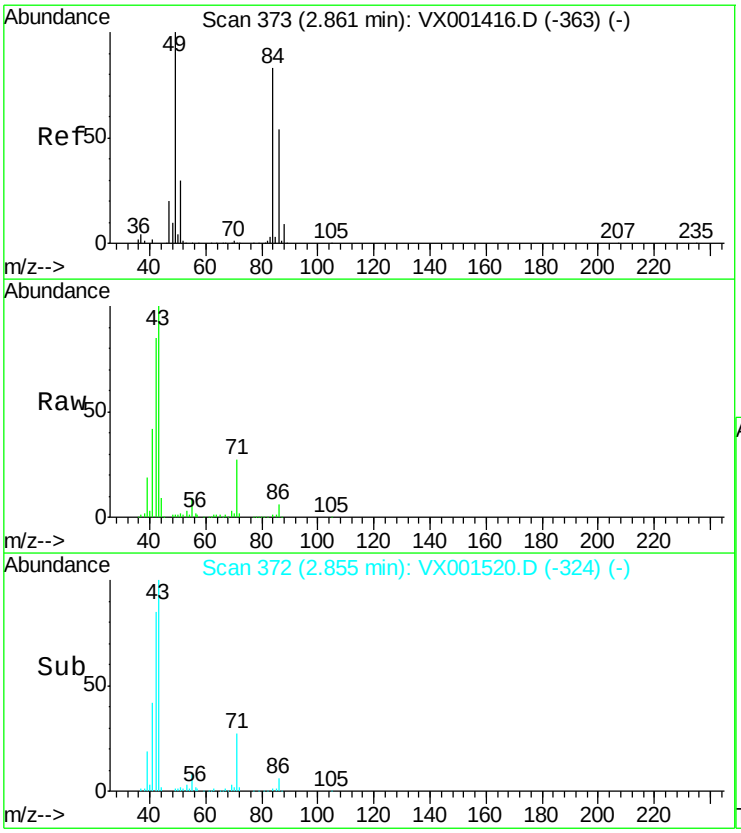
#18
Methyl Acetate
Concen: 28.55 ug/l
RT: 2.84 min Scan# 370
Delta R.T. 0.06 min
Lab File: VX001520.D
Acq: 08 May 2018 18:00

Instrument :
MSVOA_X
ClientSampleId :
SS037MW012-180426

Tgt Ion: 43 Resp: 112863

Ion	Ratio	Lower	Upper
43	100		
74	0.0	18.6	27.8#

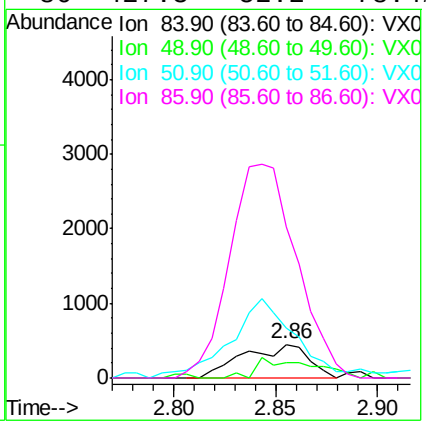


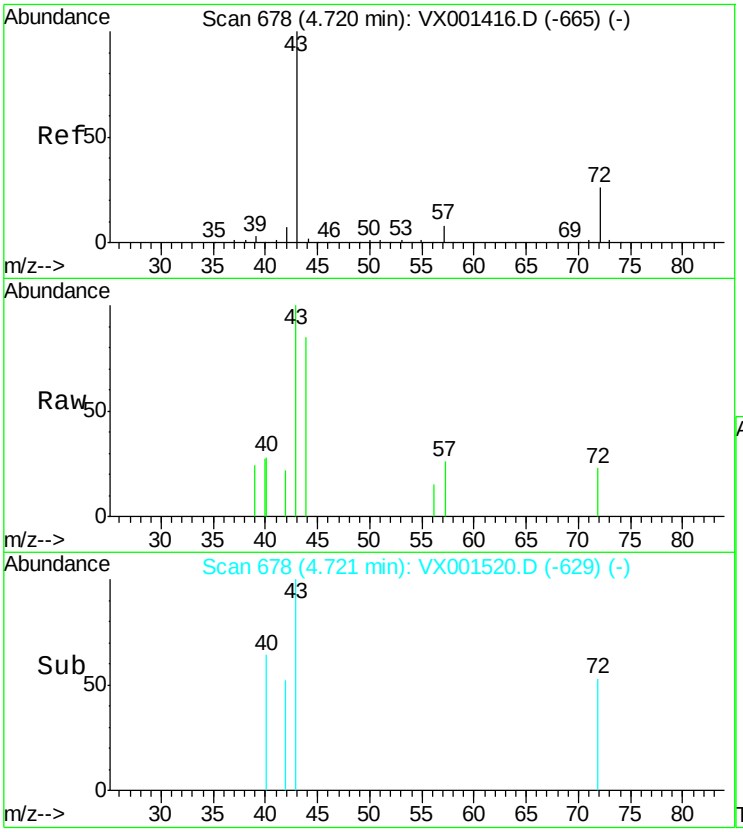


#20
Methylene Chloride
Concen: 0.34 ug/l
RT: 2.86 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX001520.D
Acq: 08 May 2018 18:00

Tgt Ion: 84 Resp: 1002

Ion	Ratio	Lower	Upper
84	100		
49	31.3	96.6	144.8#
51	130.8	29.0	43.4#
86	427.3	52.2	78.4#



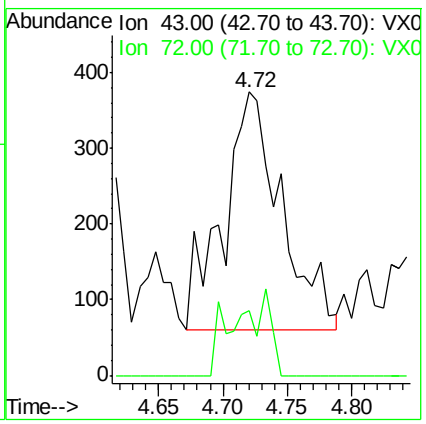


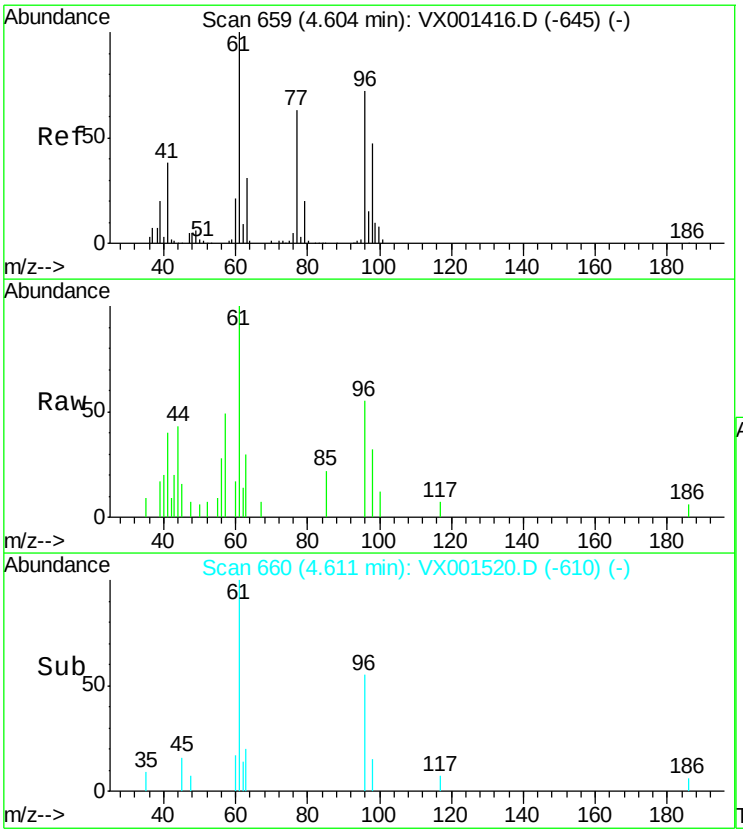
#25
2-Butanone
Concen: 0.45 ug/l
RT: 4.72 min Scan# 678
Delta R.T. 0.00 min
Lab File: VX001520.D
Acq: 08 May 2018 18:00

Instrument :
MSVOA_X
ClientSampleId :
SS037MW012-180426

Tgt Ion: 43 Resp: 983

Ion	Ratio	Lower	Upper
43	100		
72	27.1	20.7	31.1

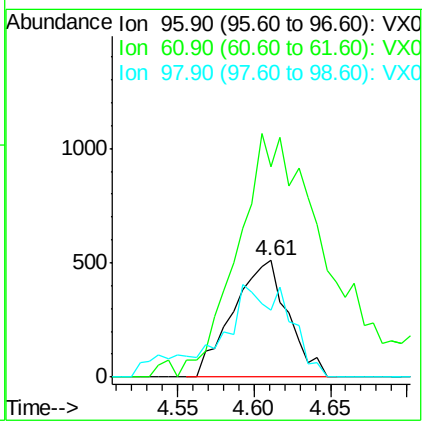


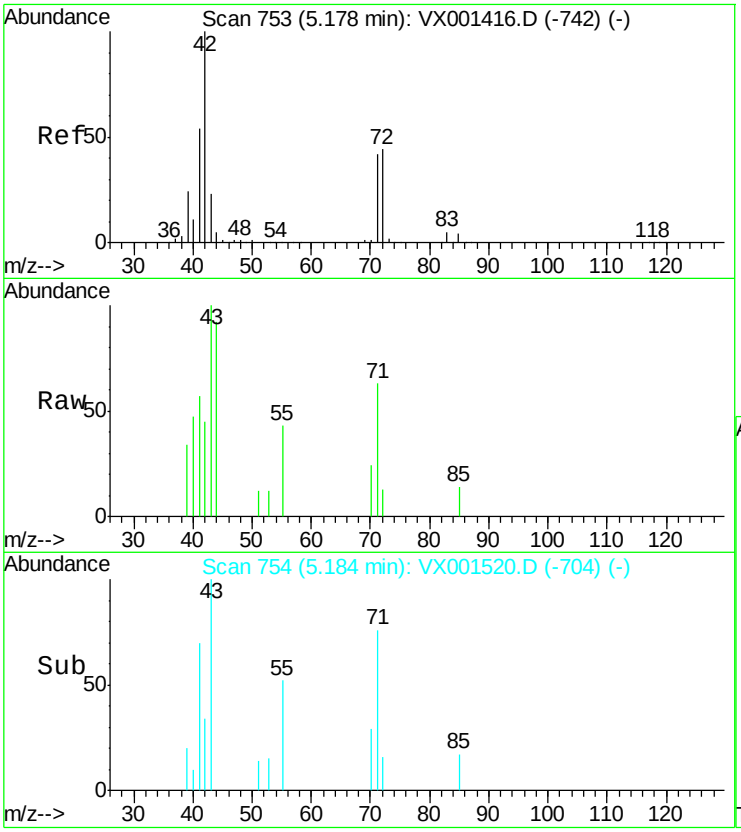


#27
cis-1,2-Dichloroethene
Concen: 0.42 ug/l
RT: 4.61 min Scan# 660
Delta R.T. 0.01 min
Lab File: VX001520.D
Acq: 08 May 2018 18:00

Tgt Ion: 96 Resp: 1272

Ion	Ratio	Lower	Upper
96	100		
61	333.6	0.0	301.6#
98	103.9	0.0	131.6



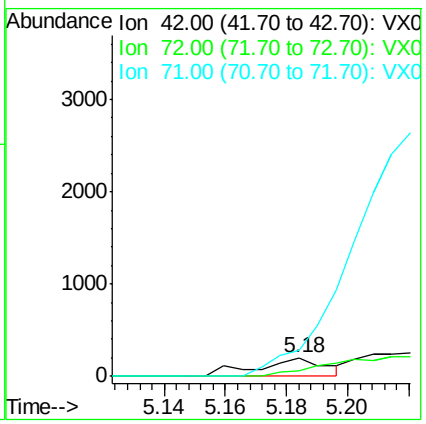


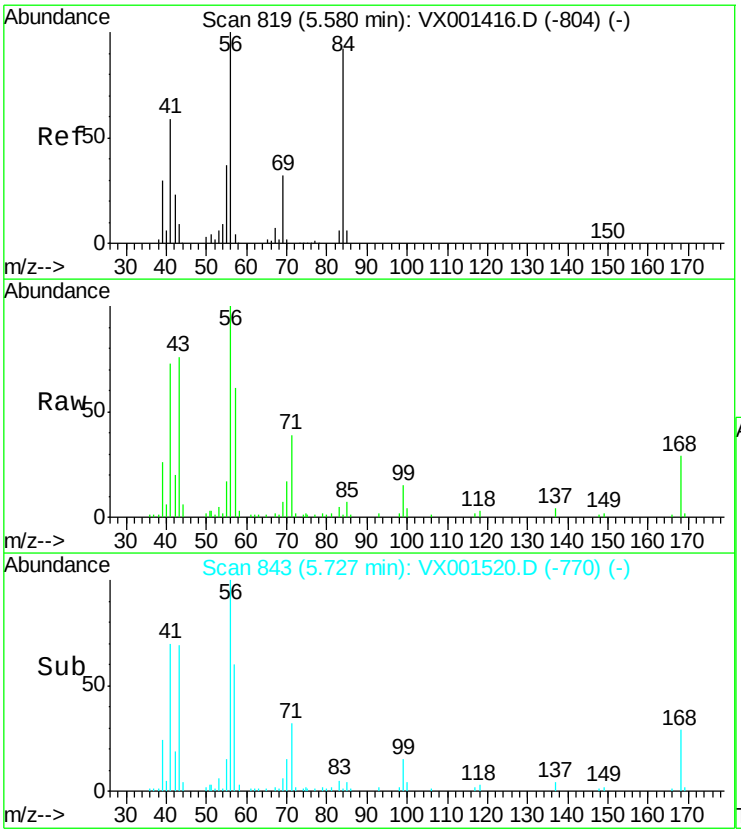
#29
Tetrahydrofuran
Concen: 0.22 ug/l
RT: 5.18 min Scan# 754
Delta R.T. 0.01 min
Lab File: VX001520.D
Acq: 08 May 2018 18:00

Instrument :
MSVOA_X
ClientSampleId :
SS037MW012-180426

Tgt Ion: 42 Resp: 307

Ion	Ratio	Lower	Upper
42	100		
72	0.0	35.4	53.2#
71	0.0	33.0	49.4#

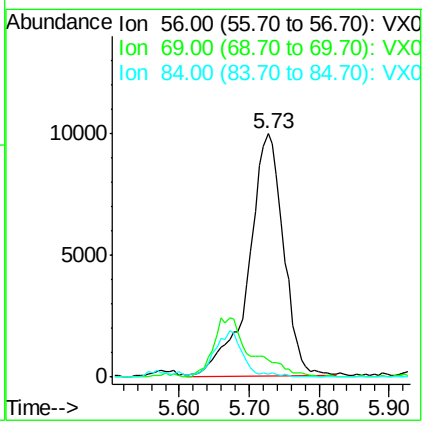


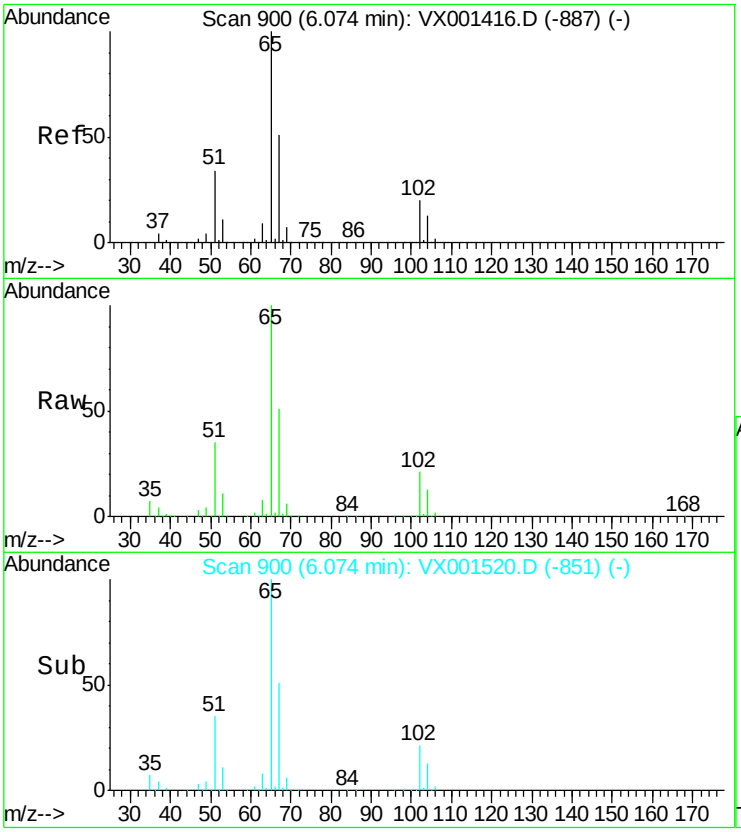


#31
Cyclohexane
Concen: 8.07 ug/l
RT: 5.73 min Scan# 843
Delta R.T. 0.15 min
Lab File: VX001520.D
Acq: 08 May 2018 18:00

Tgt Ion: 56 Resp: 34393

Ion	Ratio	Lower	Upper
56	100		
69	6.9	25.4	38.0#
84	1.2	73.8	110.8#



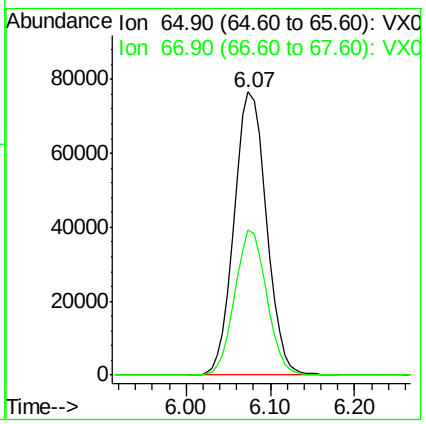


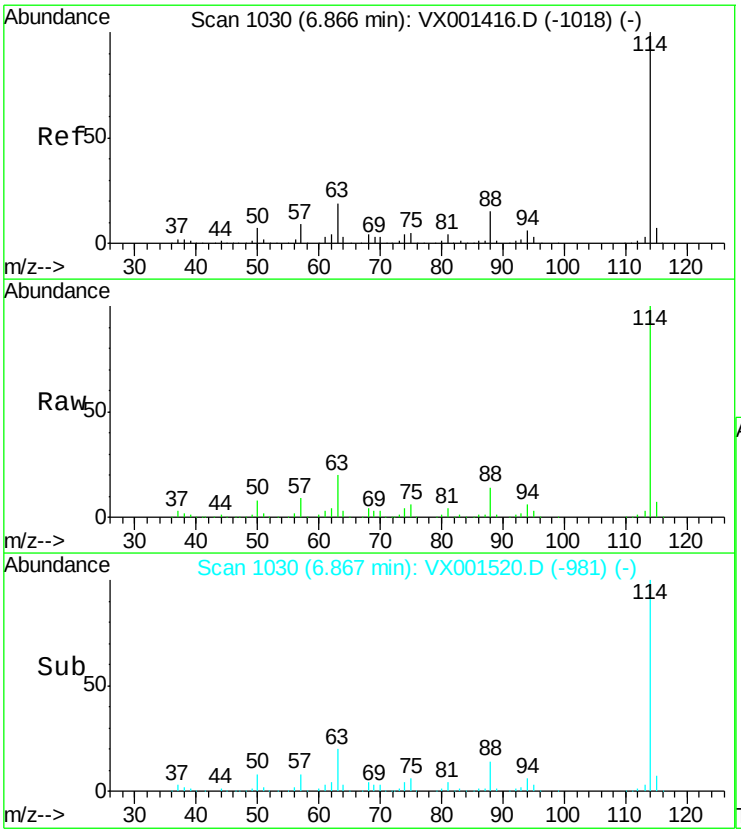
#33
1,2-Dichloroethane-d4
Concen: 60.02 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.00 min
Lab File: VX001520.D
Acq: 08 May 2018 18:00

Instrument :
MSVOA_X
ClientSampleId :
SS037MW012-180426

Tgt Ion: 65 Resp: 198896

Ion	Ratio	Lower	Upper
65	100		
67	50.5	0.0	101.8

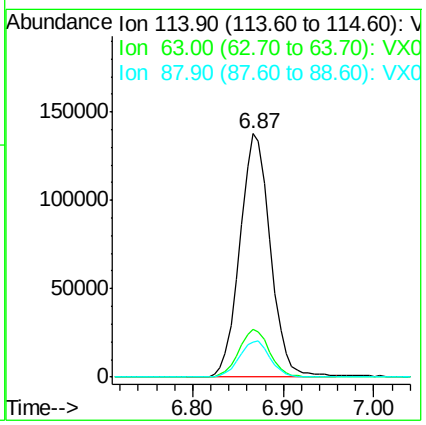


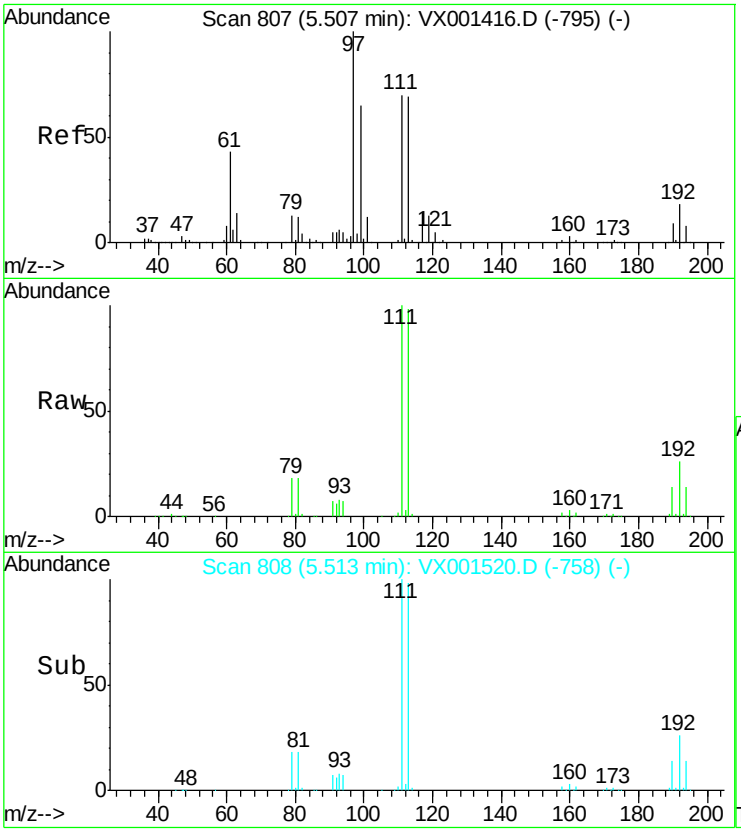


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VX001520.D
Acq: 08 May 2018 18:00

Tgt Ion:114 Resp: 321457

Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	38.6
88	14.3	0.0	30.8



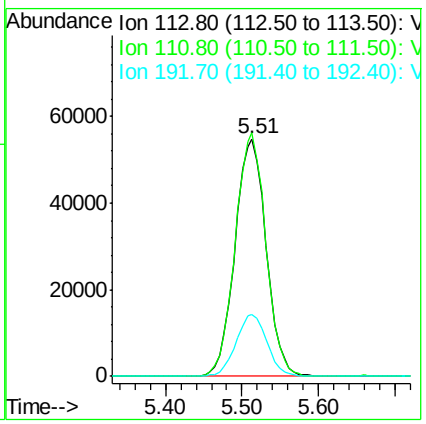


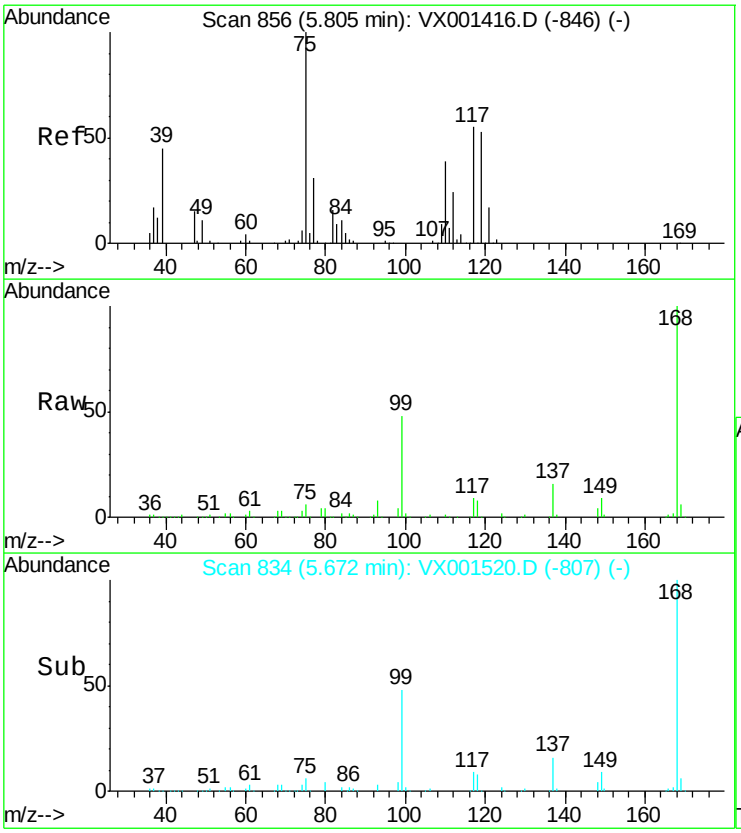
#35
Dibromofluoromethane
Concen: 54.12 ug/l
RT: 5.51 min Scan# 808
Delta R.T. 0.01 min
Lab File: VX001520.D
Acq: 08 May 2018 18:00

Instrument :
MSVOA_X
ClientSampleId :
SS037MW012-180426

Tgt Ion:113 Resp: 154744

Ion	Ratio	Lower	Upper
113	100		
111	101.1	82.2	123.2
192	25.8	21.4	32.0

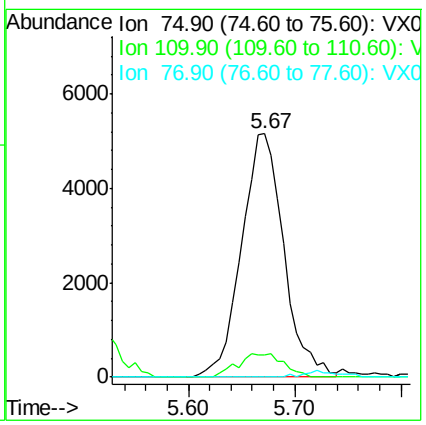


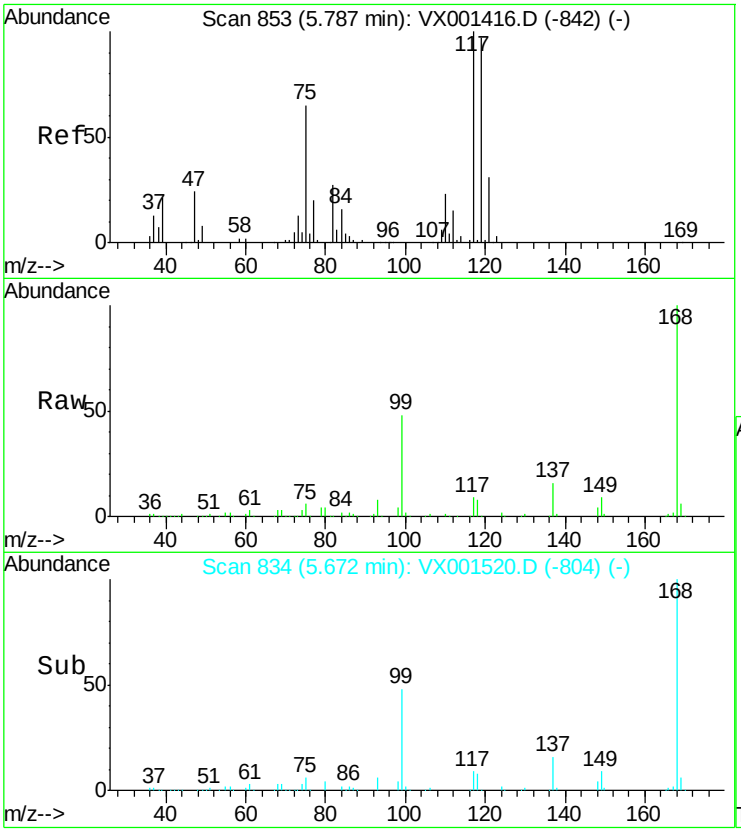


#36
1,1-Dichloropropene
Concen: 3.51 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.13 min
Lab File: VX001520.D
Acq: 08 May 2018 18:00

Tgt Ion: 75 Resp: 14345

Ion	Ratio	Lower	Upper
75	100		
110	10.5	18.9	56.7#
77	0.0	24.9	37.3#



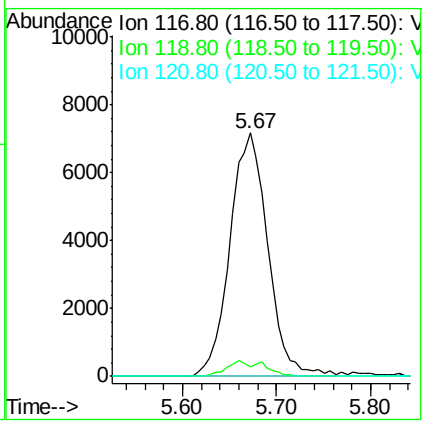


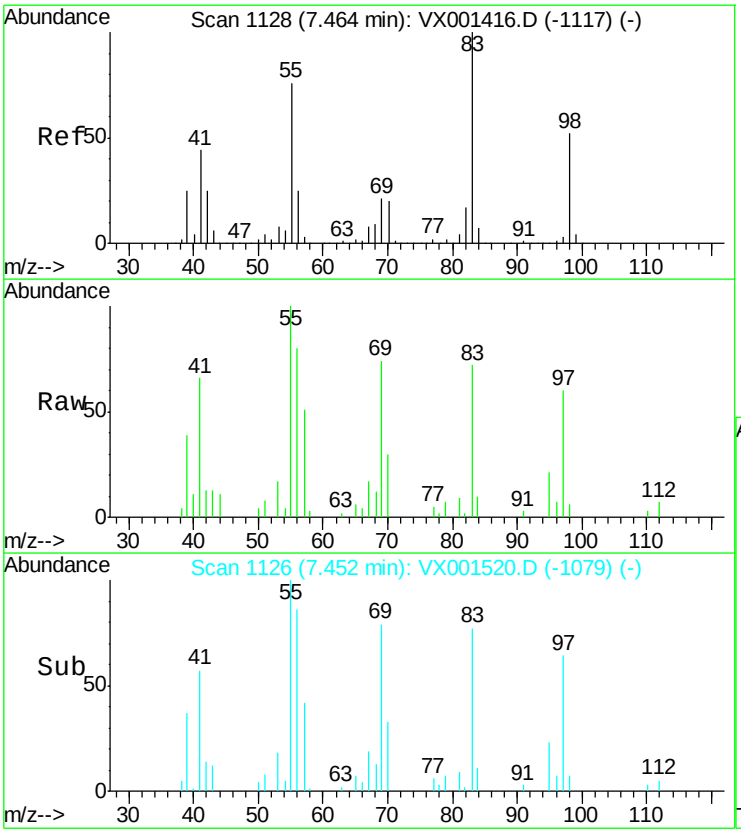
#38
Carbon Tetrachloride
Concen: 4.59 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.12 min
Lab File: VX001520.D
Acq: 08 May 2018 18:00

Instrument :
MSVOA_X
ClientSampleId :
SS037MW012-180426

Tgt Ion:117 Resp: 20014

Ion	Ratio	Lower	Upper
117	100		
119	3.8	77.0	115.6#
121	0.0	25.1	37.7#

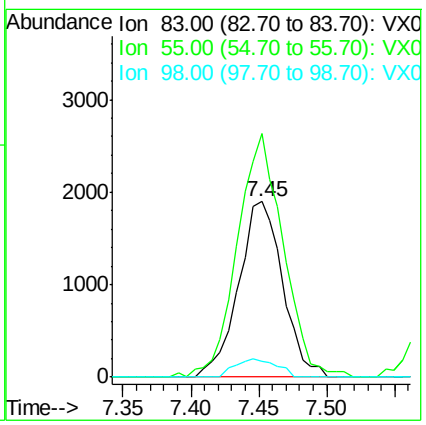


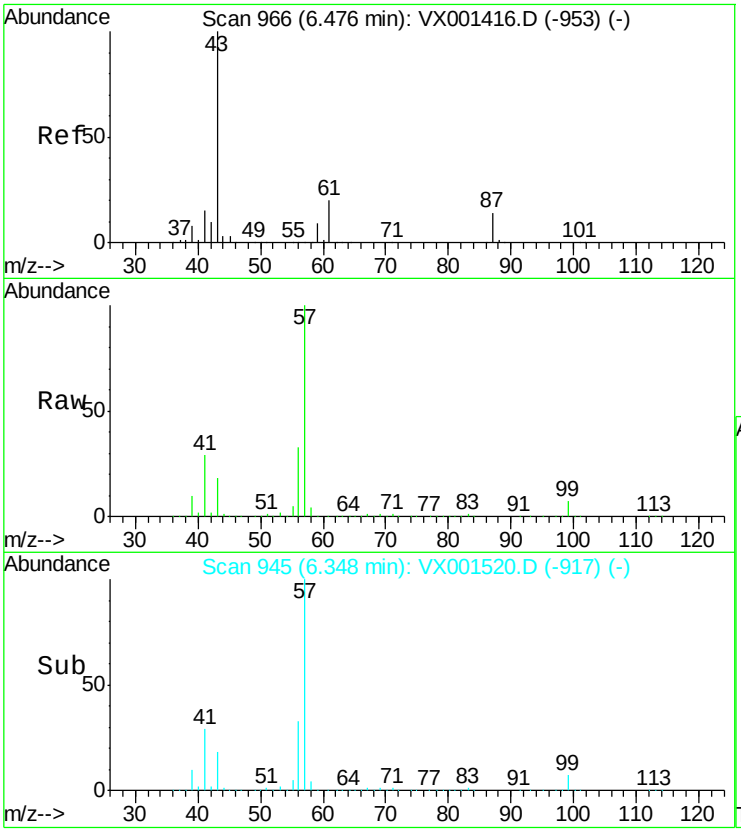


#39
Methylcyclohexane
Concen: 0.89 ug/l
RT: 7.45 min Scan# 1126
Delta R.T. -0.01 min
Lab File: VX001520.D
Acq: 08 May 2018 18:00

Tgt Ion: 83 Resp: 4313

Ion	Ratio	Lower	Upper
83	100		
55	138.7	60.9	91.3#
98	8.7	41.9	62.9#



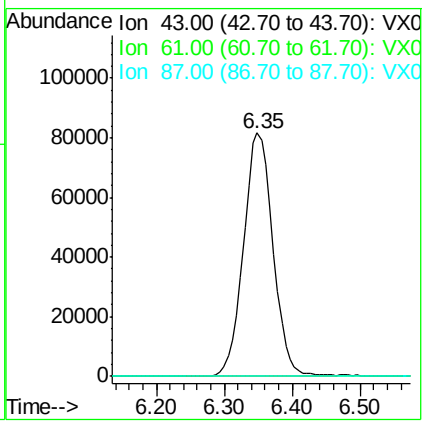


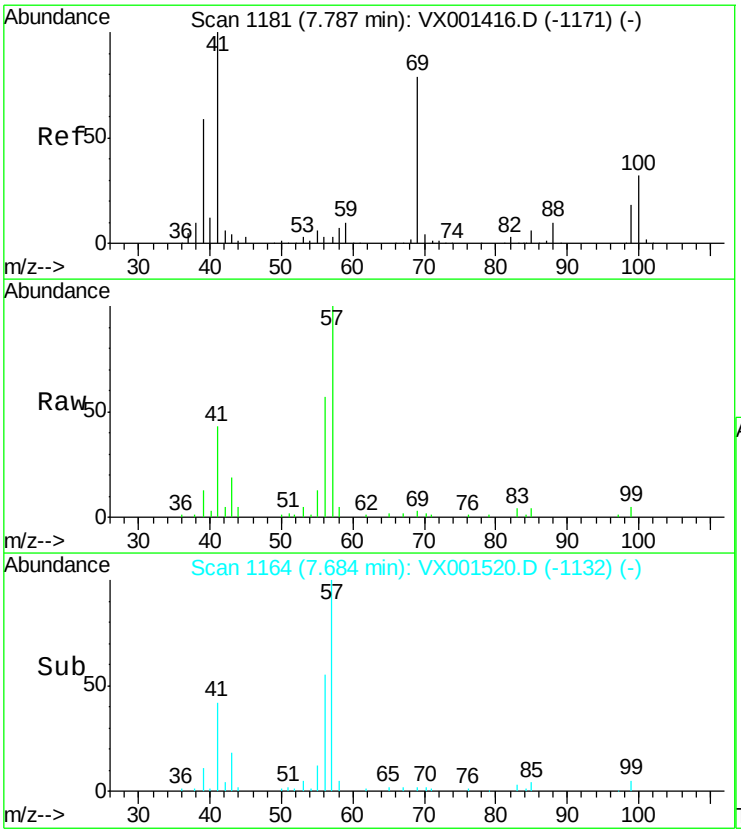
#43
Isopropyl Acetate
Concen: 35.78 ug/l
RT: 6.35 min Scan# 945
Delta R.T. -0.13 min
Lab File: VX001520.D
Acq: 08 May 2018 18:00

Instrument :
MSVOA_X
ClientSampleId :
SS037MW012-180426

Tgt Ion: 43 Resp: 246171

Ion	Ratio	Lower	Upper
43	100		
61	0.1	15.4	23.0#
87	0.0	10.8	16.2#

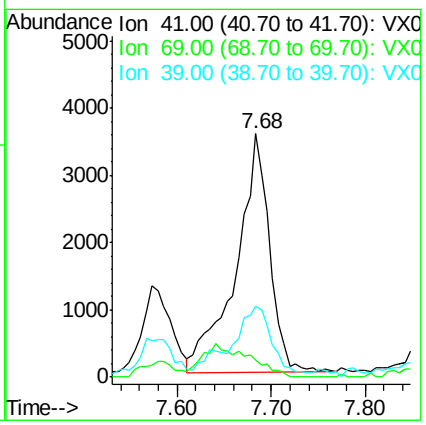


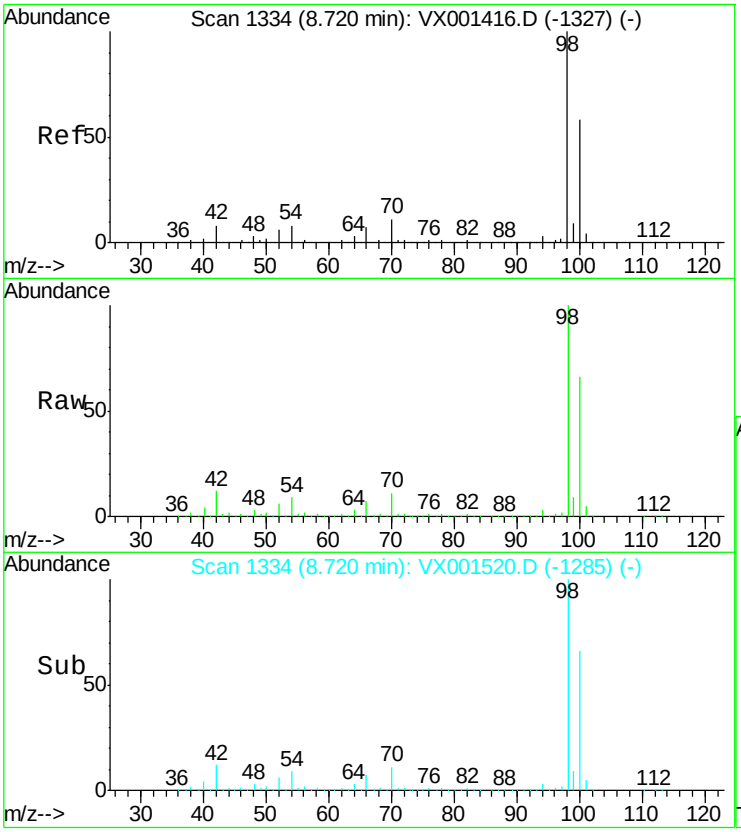


#48
Methyl methacrylate
Concen: 2.38 ug/l
RT: 7.68 min Scan# 1164
Delta R.T. -0.10 min
Lab File: VX001520.D
Acq: 08 May 2018 18:00

Tgt Ion: 41 Resp: 8912

Ion	Ratio	Lower	Upper
41	100		
69	0.0	63.4	95.2#
39	24.9	47.0	70.4#



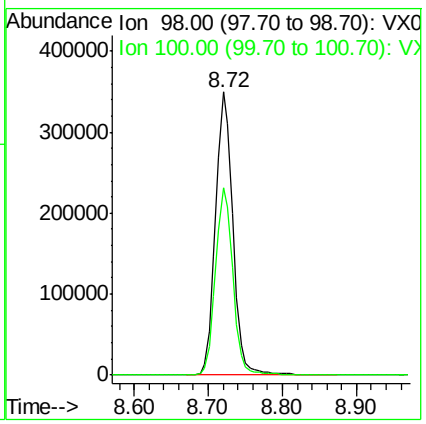


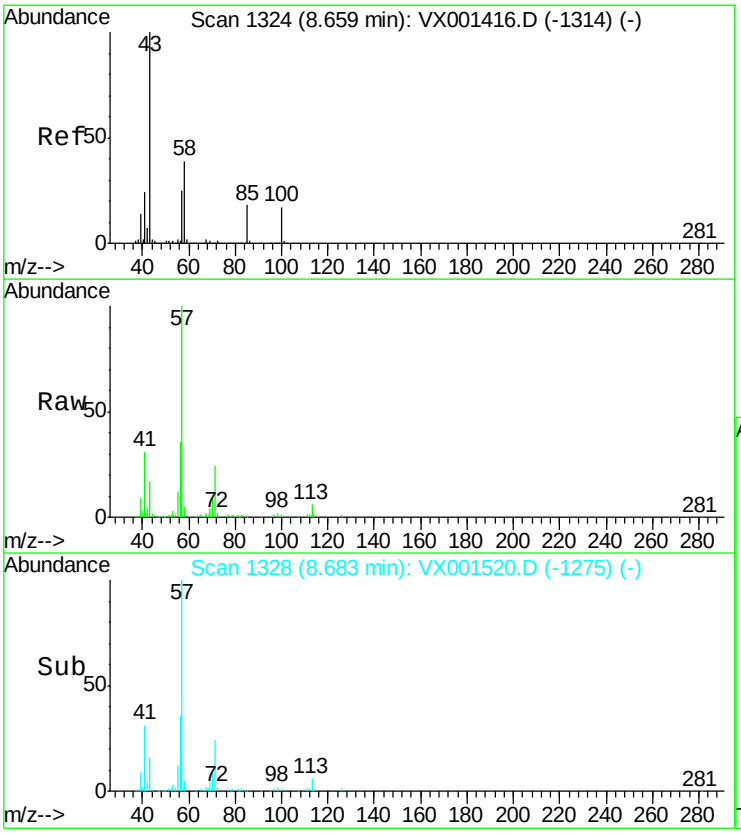
#50
Toluene-d8
Concen: 53.84 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001520.D
Acq: 08 May 2018 18:00

Instrument :
MSVOA_X
ClientSampleId :
SS037MW012-180426

Tgt Ion: 98 Resp: 561925

Ion	Ratio	Lower	Upper
98	100		
100	66.4	54.0	81.0

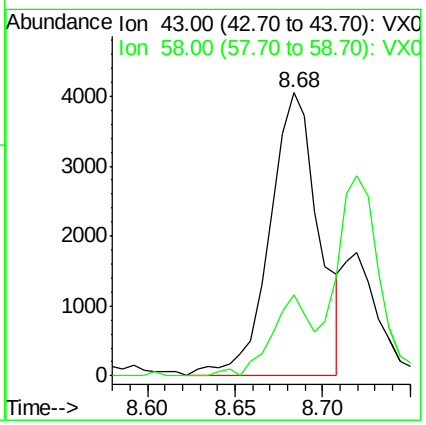


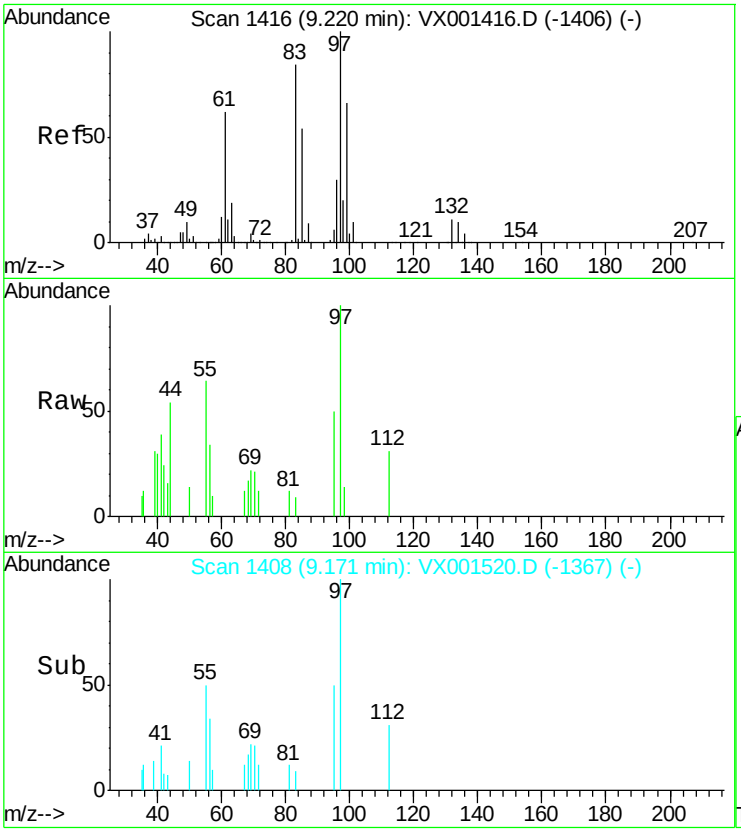


#51
4-Methyl-2-Pentanone
Concen: 1.73 ug/l
RT: 8.68 min Scan# 1328
Delta R.T. 0.02 min
Lab File: VX001520.D
Acq: 08 May 2018 18:00

Tgt Ion: 43 Resp: 7908

Ion	Ratio	Lower	Upper
43	100		
58	22.6	30.8	46.2#



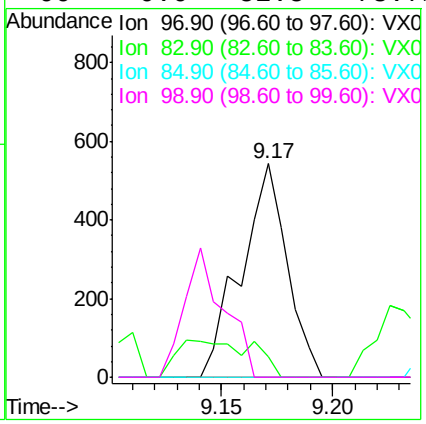


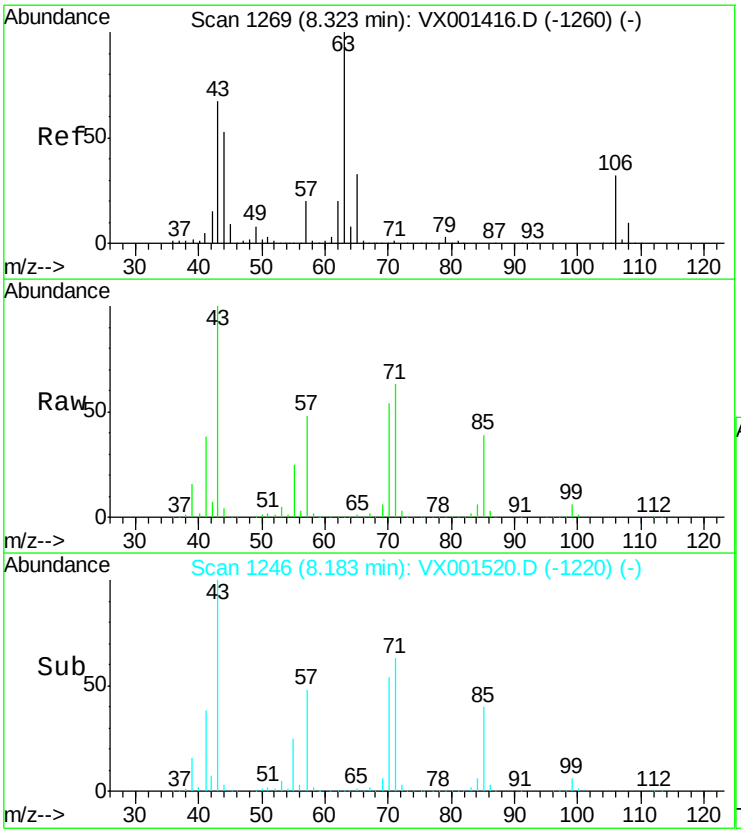
#55
1,1,2-Trichloroethane
Concen: 0.25 ug/l
RT: 9.17 min Scan# 1408
Delta R.T. -0.05 min
Lab File: VX001520.D
Acq: 08 May 2018 18:00

Instrument : MSVOA_X
ClientSampleId : SS037MW012-180426

Tgt Ion: 97 Resp: 780

Ion	Ratio	Lower	Upper
97	100		
83	9.4	67.4	101.0#
85	0.0	43.3	64.9#
99	0.0	52.5	78.7#

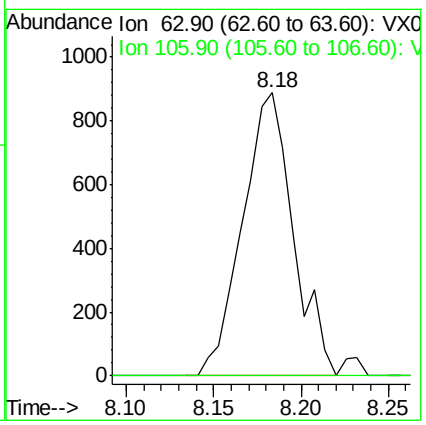


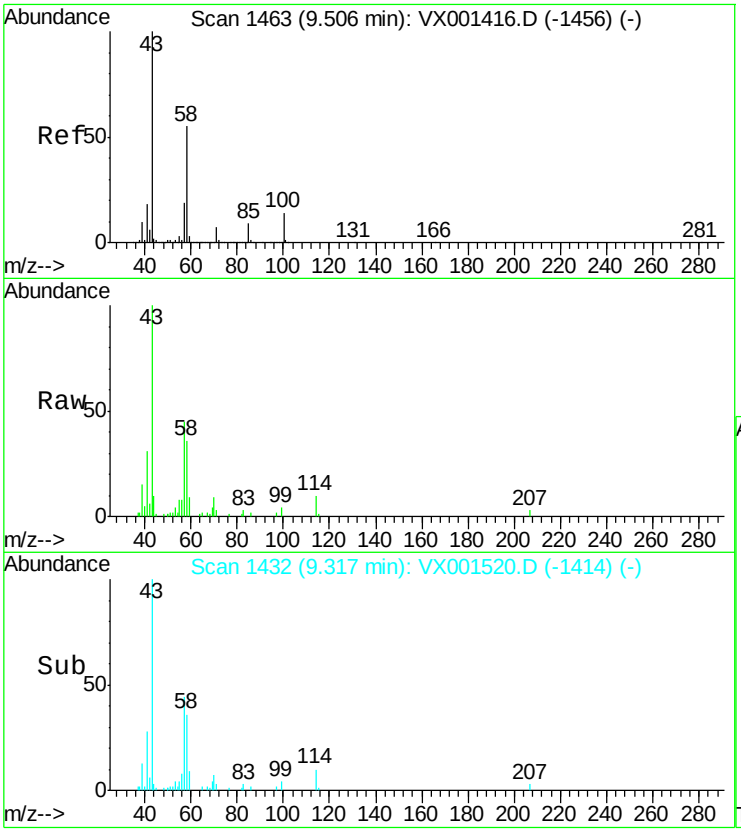


#58
2-Chloroethyl Vinyl ether
Concen: 0.81 ug/l
RT: 8.18 min Scan# 1246
Delta R.T. -0.14 min
Lab File: VX001520.D
Acq: 08 May 2018 18:00

Tgt Ion: 63 Resp: 1792

Ion	Ratio	Lower	Upper
63	100		
106	0.0	25.4	38.0#



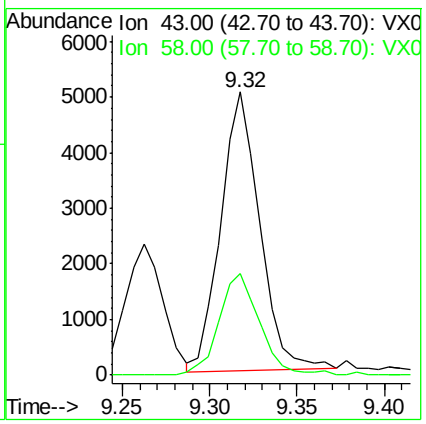


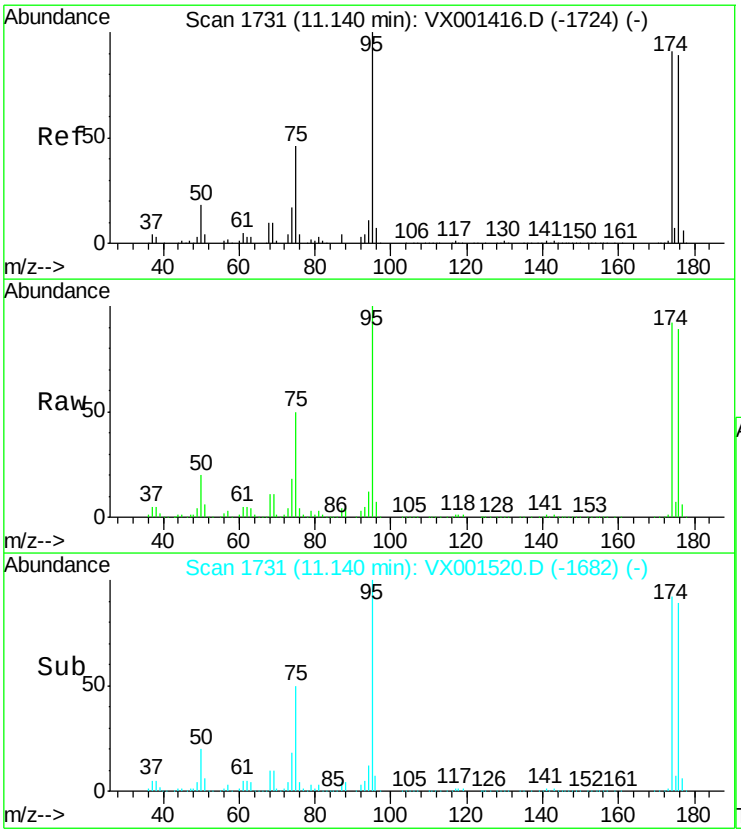
#59
2-Hexanone
Concen: 2.22 ug/l
RT: 9.32 min Scan# 1432
Delta R.T. -0.19 min
Lab File: VX001520.D
Acq: 08 May 2018 18:00

Instrument :
MSVOA_X
ClientSampleId :
SS037MW012-180426

Tgt Ion: 43 Resp: 7785

Ion	Ratio	Lower	Upper
43	100		
58	37.8	27.1	81.2

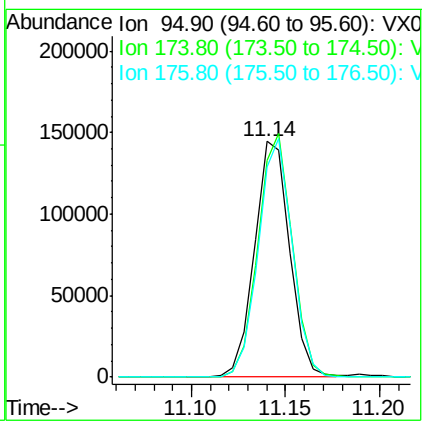


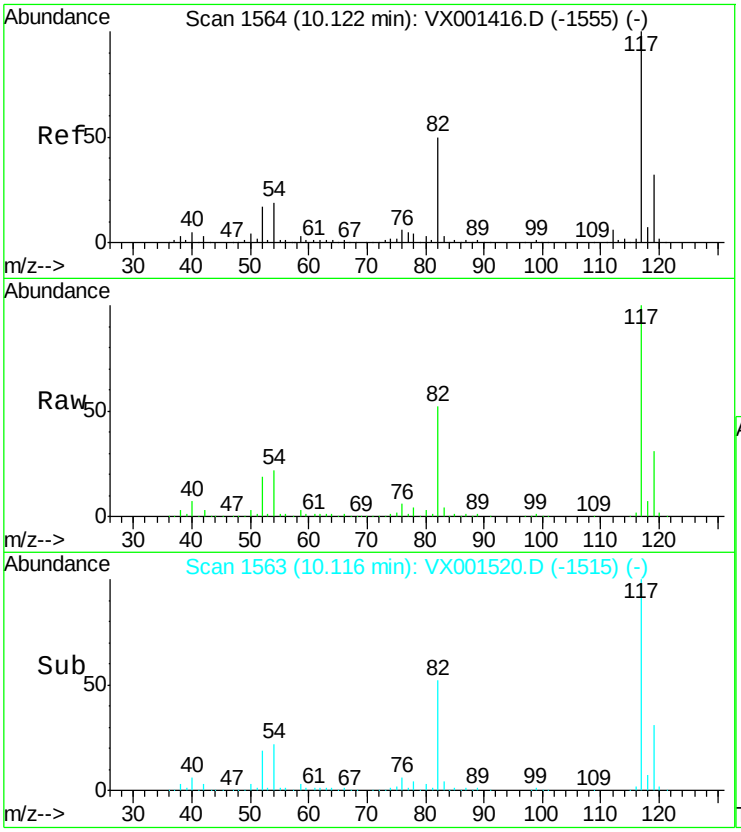


#62
4-Bromofluorobenzene
Concen: 46.36 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX001520.D
Acq: 08 May 2018 18:00

Tgt Ion: 95 Resp: 185755

Ion	Ratio	Lower	Upper
95	100		
174	101.3	0.0	202.0
176	97.9	0.0	197.4



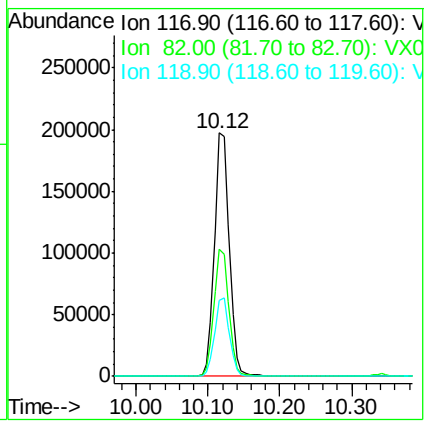


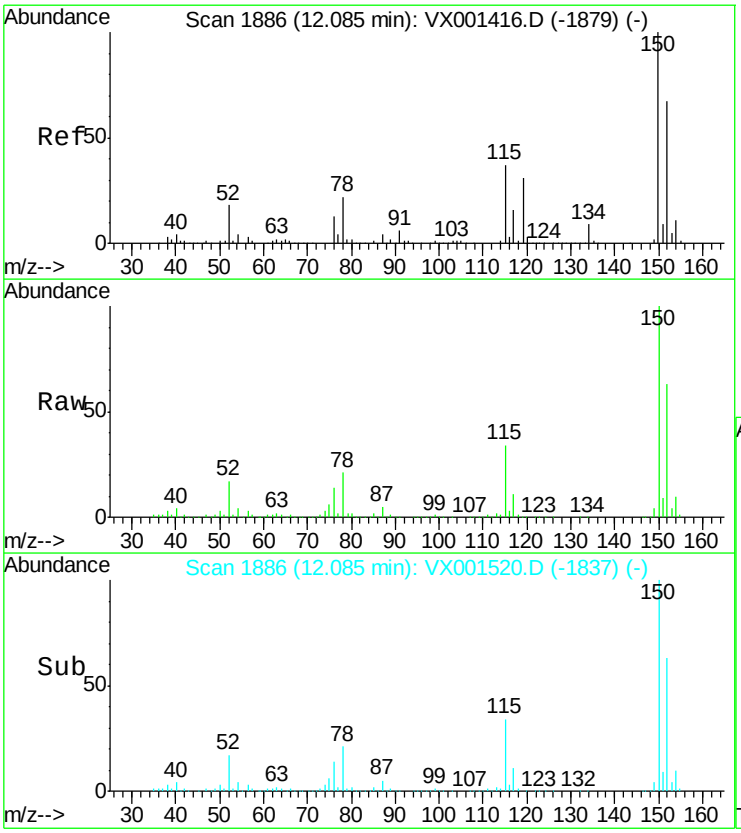
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001520.D
Acq: 08 May 2018 18:00

Instrument :
MSVOA_X
ClientSampleId :
SS037MW012-180426

Tgt Ion:117 Resp: 281783

Ion	Ratio	Lower	Upper
117	100		
82	52.2	40.0	60.0
119	31.3	25.8	38.8

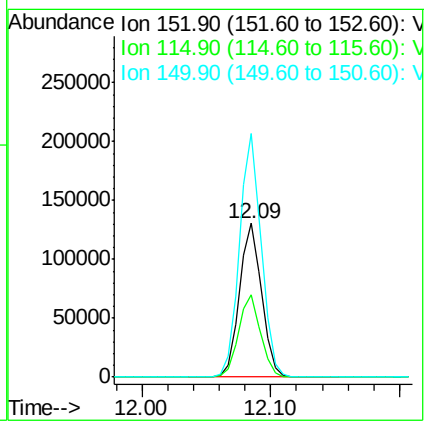


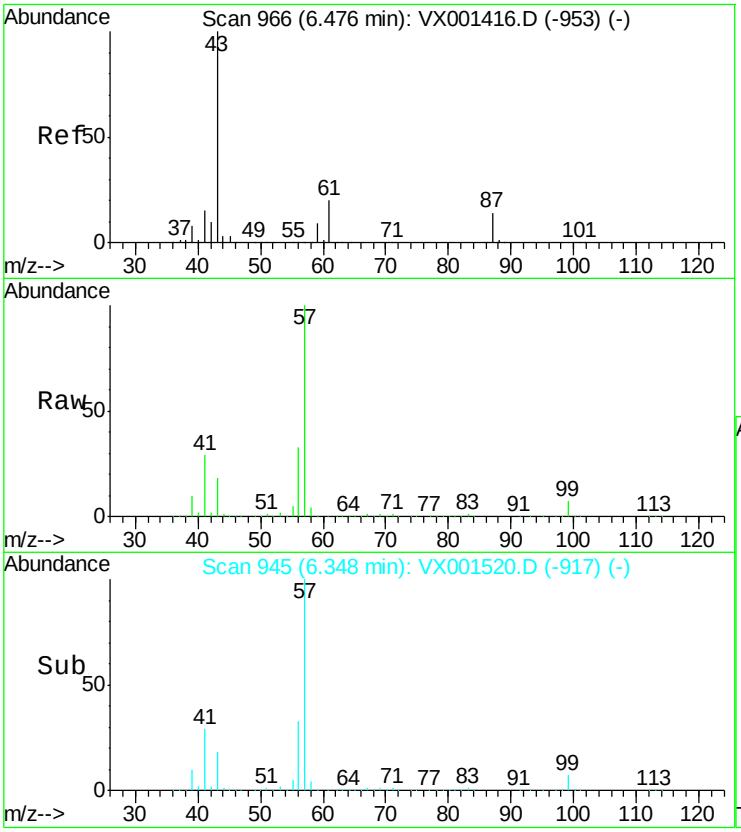


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001520.D
Acq: 08 May 2018 18:00

Tgt Ion:152 Resp: 154798

Ion	Ratio	Lower	Upper
152	100		
115	53.3	37.7	113.1
150	156.6	0.0	349.4



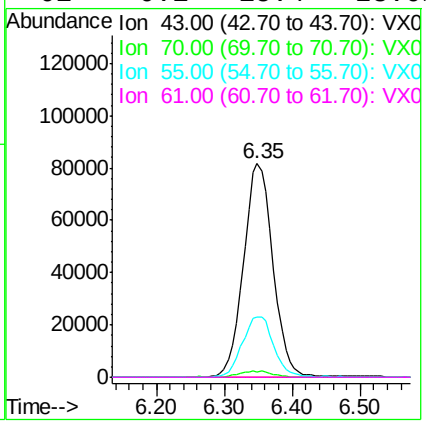


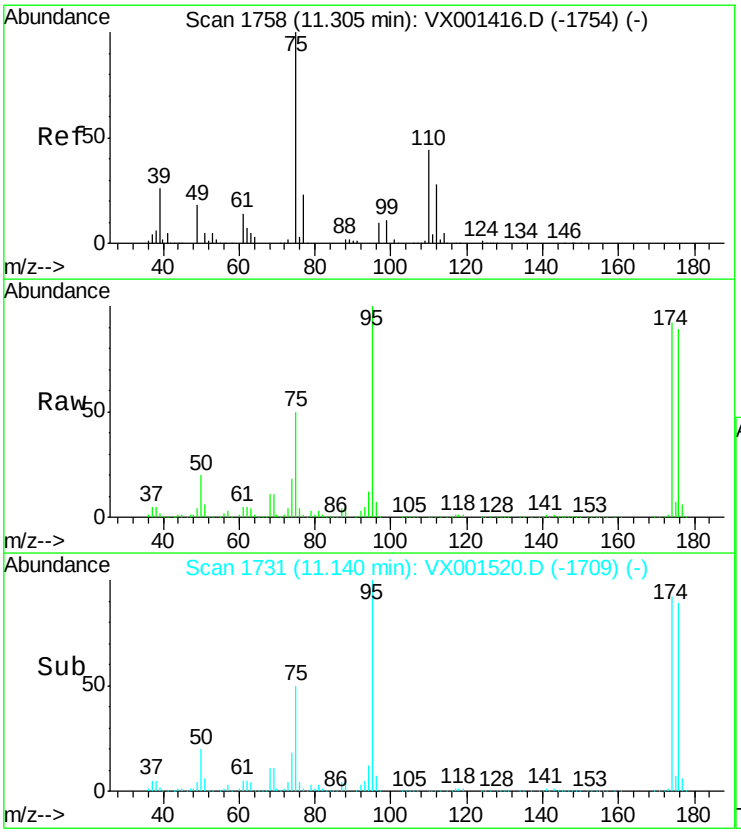
#74
N-amyl acetate
Concen: 50.58 ug/l
RT: 6.35 min Scan# 945
Delta R.T. -0.13 min
Lab File: VX001520.D
Acq: 08 May 2018 18:00

Instrument :
MSVOA_X
ClientSampleId :
SS037MW012-180426

Tgt Ion: 43 Resp: 246171

Ion	Ratio	Lower	Upper
43	100		
70	3.1	0.0	0.0#
55	29.9	0.1	0.1#
61	0.1	15.4	23.0#

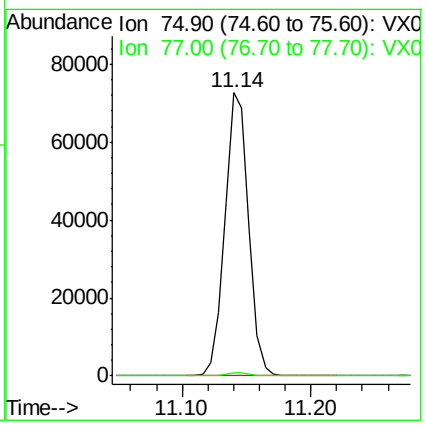


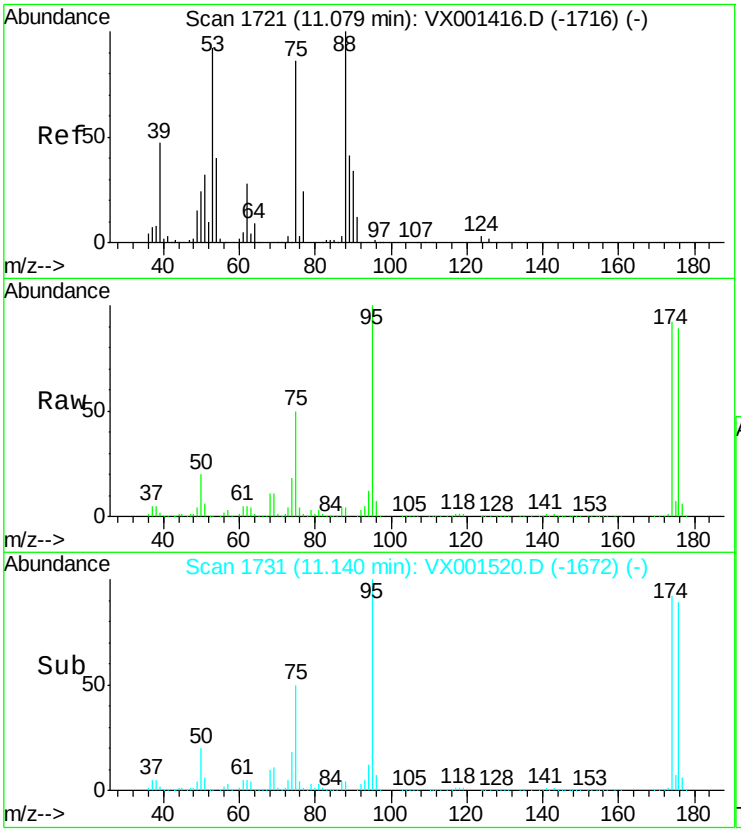


#76
1,2,3-Trichloropropane
Concen: 29.90 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX001520.D
Acq: 08 May 2018 18:00

Tgt Ion: 75 Resp: 93866

Ion	Ratio	Lower	Upper
75	100		
77	1.3	19.6	58.7#



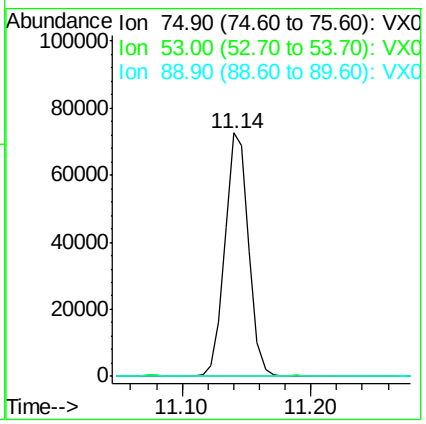


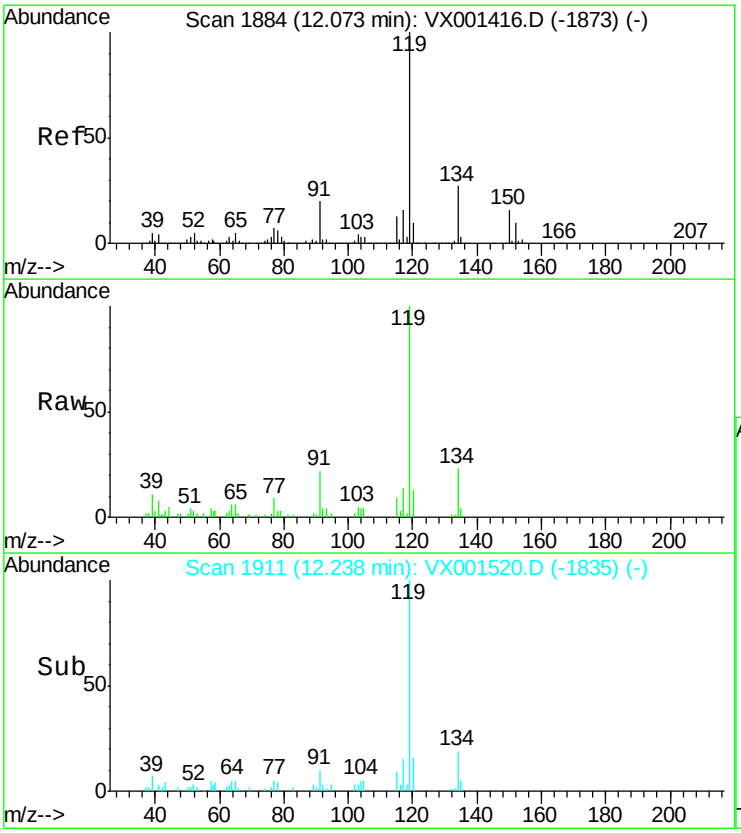
#81
trans-1,4-Dichloro-2-butene
Concen: 91.44 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX001520.D
Acq: 08 May 2018 18:00

Instrument :
MSVOA_X
ClientSampleId :
SS037MW012-180426

Tgt Ion: 75 Resp: 93866

Ion	Ratio	Lower	Upper
75	100		
53	0.2	84.5	126.7#
89	0.0	39.5	59.3#





#86
p-Isopropyltoluene
Concen: 0.51 ug/l
RT: 12.24 min Scan# 1911
Delta R.T. 0.16 min
Lab File: VX001520.D
Acq: 08 May 2018 18:00

Tgt Ion:119 Resp: 4954

Ion	Ratio	Lower	Upper
119	100		
134	28.6	13.6	40.8
91	26.2	10.8	32.3