Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX042418\

Quantitation Report (Not Reviewed)

Data File : VX001103.D
Acq On : 25 Apr 2018 03:25
Operator : JC/MD
Sample : J2463-06 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SS043MW014-180417

Quant Time: Apr 25 07:27:55 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 20 05:03:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.67	168	221281	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	309075	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	277454	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	160404	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	146566	52.25	ug/l		0.00
Spiked Amount 50.000			Recovery = 104.50%				
35) Dibromofluoromethane	5.51	113	110288	46.80	ug/l		0.00
Spiked Amount 50.000			Recovery = 93.60%				
50) Toluene-d8	8.72	98	437611	50.22	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.44%				
62) 4-Bromofluorobenzene	11.14	95	152356	41.66	ug/l		0.00
Spiked Amount 50.000			Recovery = 83.32%				
Target Compounds							Qvalue
4) Vinyl Chloride	1.41	62	39524	14.92	ug/l		98
5) Bromomethane	1.64	94	847	Below Cal			87
10) Methyl Iodide	2.51	142	504	7.79	ug/l	#	88
11) Tert butyl alcohol	3.09	59	320	0.76	ug/l	#	72
12) 1,1-Dichloroethene	2.37	96	1144	0.53	ug/l		93
13) Acrolein	2.28	56	80	11.51	ug/l	#	53
16) Acetone	2.46	43	855	0.81	ug/l		94
19) Methyl tert-butyl Ether	3.21	73	27932	3.85	ug/l		100
20) Methylene Chloride	2.86	84	771	Below Cal		#	92
21) trans-1,2-Dichloroethene	3.16	96	119896	49.95	ug/l		98
25) 2-Butanone	4.71	43	403	0.24	ug/l	#	50
27) cis-1,2-Dichloroethene	4.60	96	59885	22.40	ug/l		90
29) Tetrahydrofuran	5.18	42	877	0.84	ug/l	#	55
30) Chloroform	5.22	83	2758	0.63	ug/l		92
31) Cyclohexane	5.66	56	4026	1.02	ug/l	#	3
36) 1,1-Dichloropropene	5.67	75	14220	3.92	ug/l	#	49
38) Carbon Tetrachloride	5.67	117	19052	5.18	ug/l	#	17
39) Methylcyclohexane	7.22	83	15907	3.76	ug/l	#	1
42) 1,2-Dichloroethane	6.20	62	134011	34.58	ug/l		100
44) Trichloroethene	7.22	130	1441303	467.20	ug/l		99
45) 1,2-Dichloropropane	7.52	63	1018	0.40	ug/l		98
51) 4-Methyl-2-Pentanone	8.66	43	2162	0.62	ug/l		97
52) Toluene	8.79	92	2297	0.35	ug/l		94
55) 1,1,2-Trichloroethane	9.22	97	3072	1.17	ug/l		95
76) 1,2,3-Trichloropropane	11.14	75	79043	28.40	ug/l	#	38
81) trans-1,4-Dichloro-2-buten	11.14	75	79043	84.75	ug/l	#	8
91) 1,2-Dichlorobenzene	12.40	146	1296	0.23	ug/l		89

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

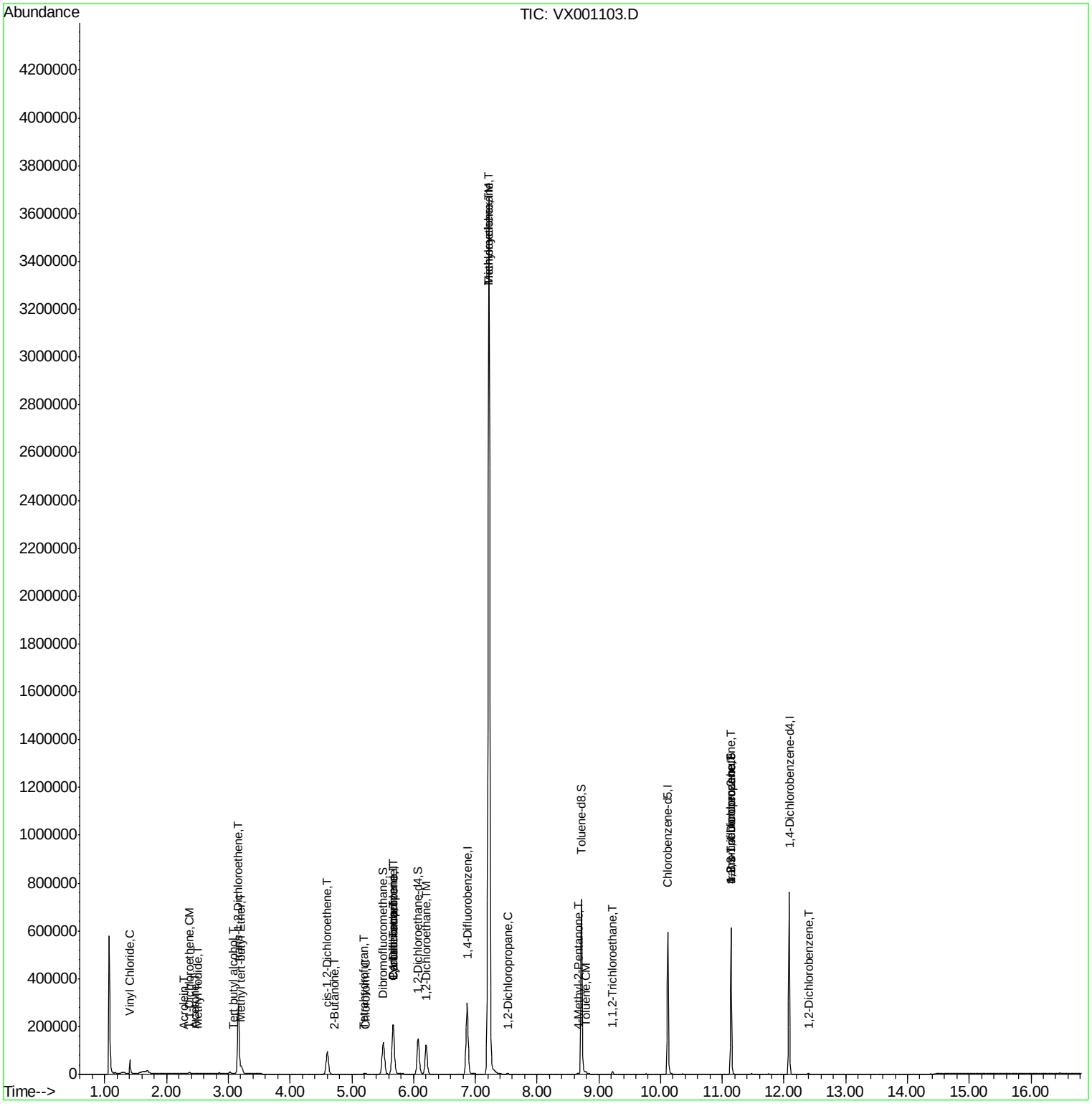
Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX042418\

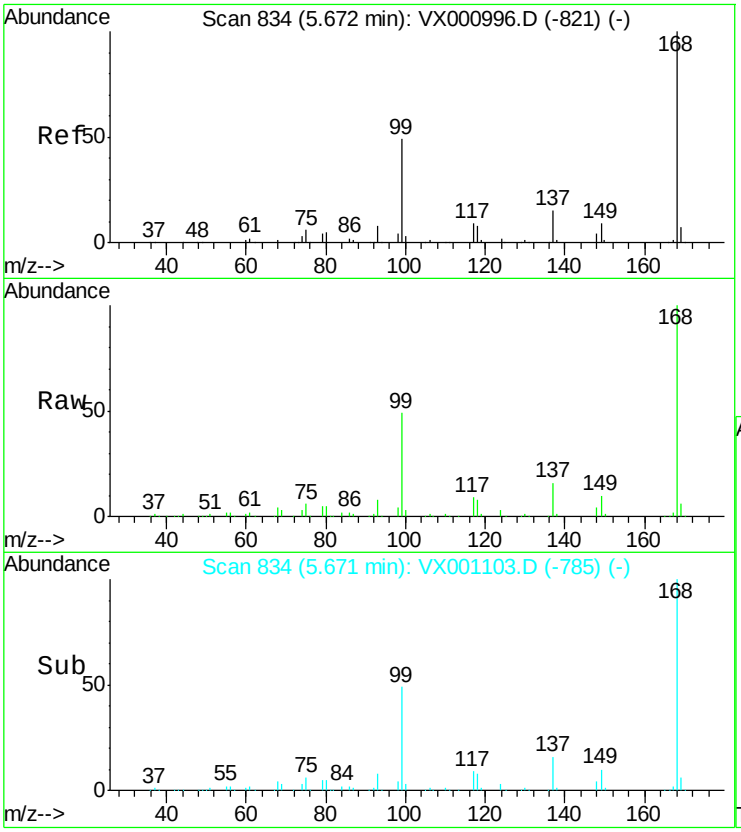
Quantitation Report (Not Reviewed)

Data File : VX001103.D
Acq On : 25 Apr 2018 03:25
Operator : JC/MD
Sample : J2463-06 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SS043MW014-180417

Quant Time: Apr 25 07:27:55 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 20 05:03:28 2018
Response via : Initial Calibration



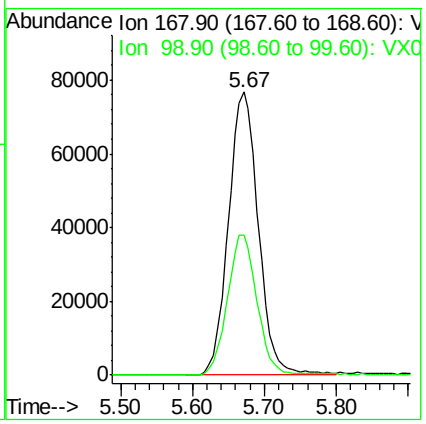


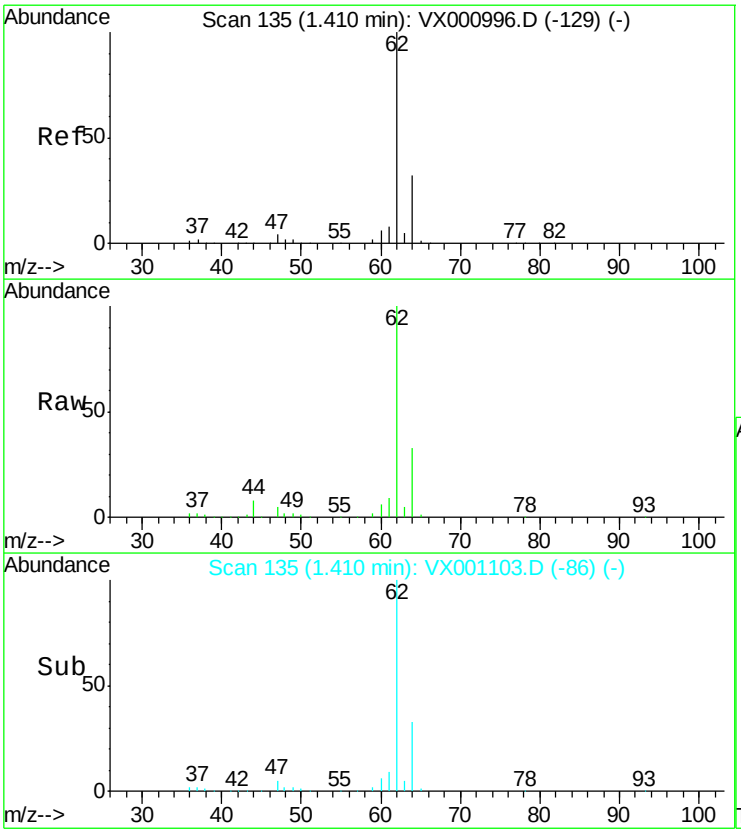
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.00 min
Lab File: VX001103.D
Acq: 25 Apr 2018 03:25

Instrument :
MSVOA_X
ClientSampleId :
SS043MW014-180417

Tgt Ion:168 Resp: 221281

Ion	Ratio	Lower	Upper
168	100		
99	49.3	39.2	58.8

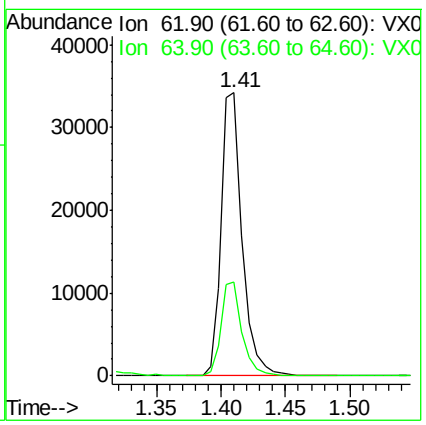


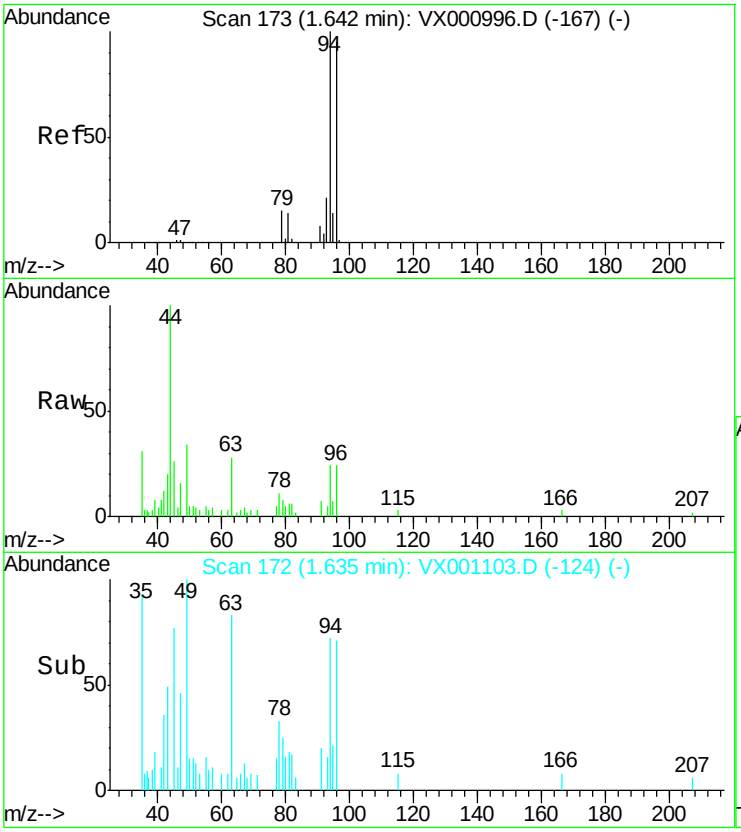


#4
Vinyl Chloride
Concen: 14.92 ug/l
RT: 1.41 min Scan# 135
Delta R.T. -0.00 min
Lab File: VX001103.D
Acq: 25 Apr 2018 03:25

Tgt Ion: 62 Resp: 39524

Ion	Ratio	Lower	Upper
62	100		
64	32.9	25.6	38.4



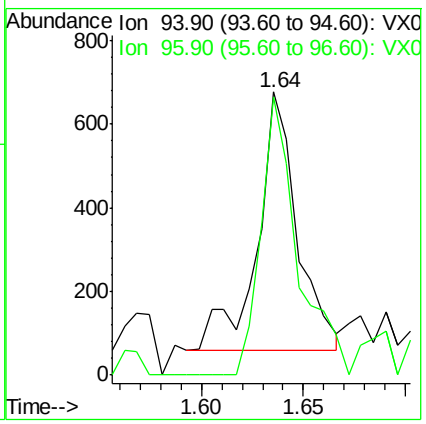


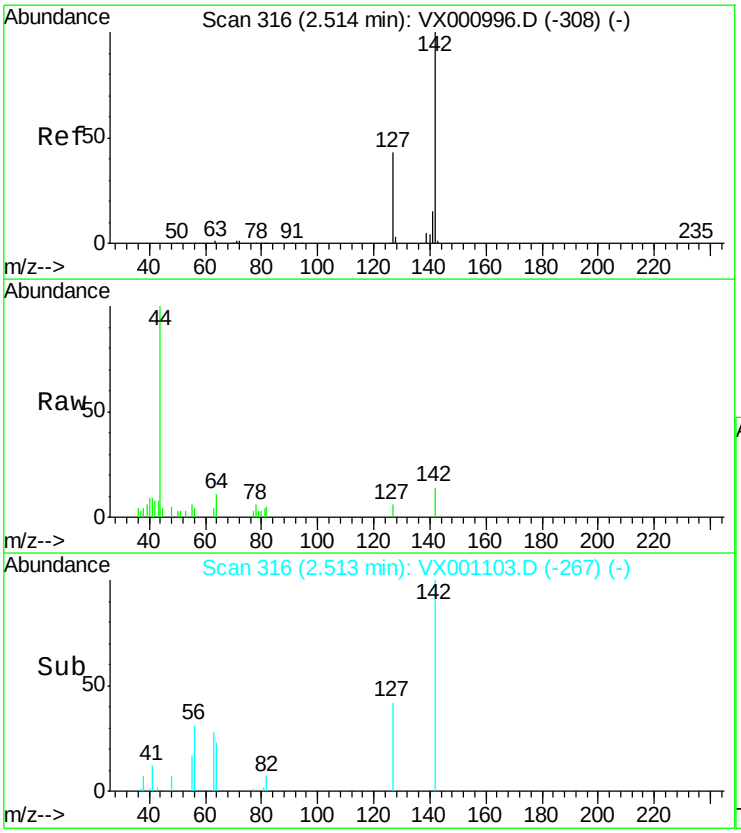
#5
Bromomethane
Concen: Below Cal
RT: 1.64 min Scan# 172
Delta R.T. -0.01 min
Lab File: VX001103.D
Acq: 25 Apr 2018 03:25

Instrument :
MSVOA_X
ClientSampleId :
SS043MW014-180417

Tgt Ion: 94 Resp: 847

Ion	Ratio	Lower	Upper
94	100		
96	107.6	76.0	114.0

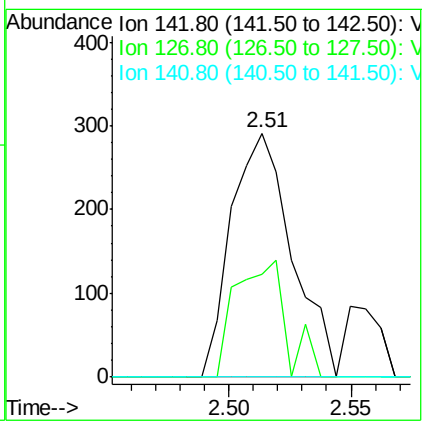


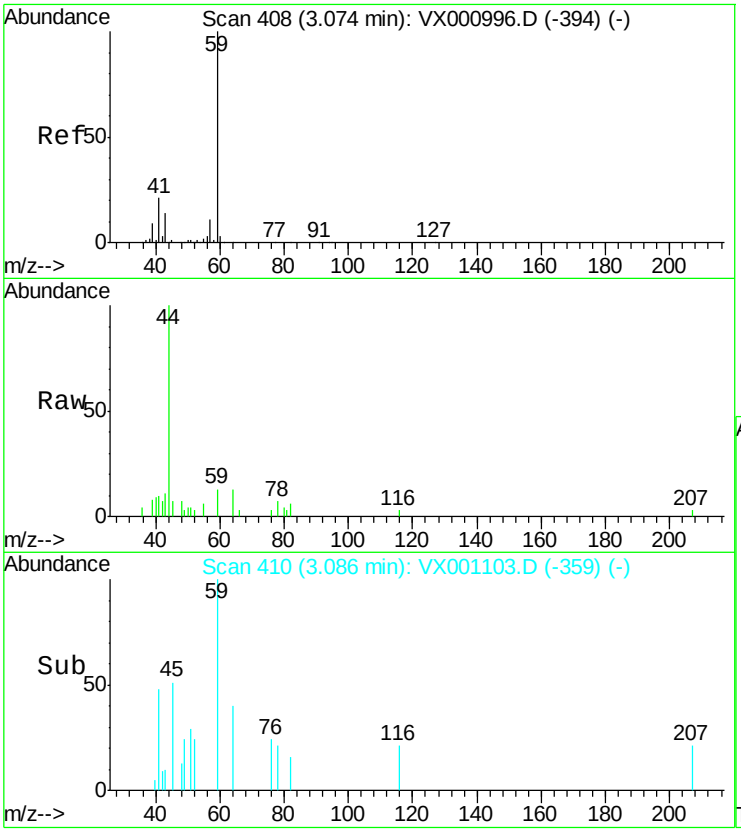


#10
Methyl Iodide
Concen: 7.79 ug/l
RT: 2.51 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX001103.D
Acq: 25 Apr 2018 03:25

Tgt Ion:142 Resp: 504

Ion	Ratio	Lower	Upper
142	100		
127	39.7	34.0	51.0
141	0.0	11.4	17.2#



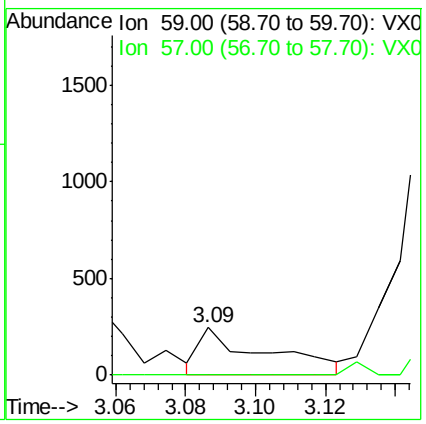


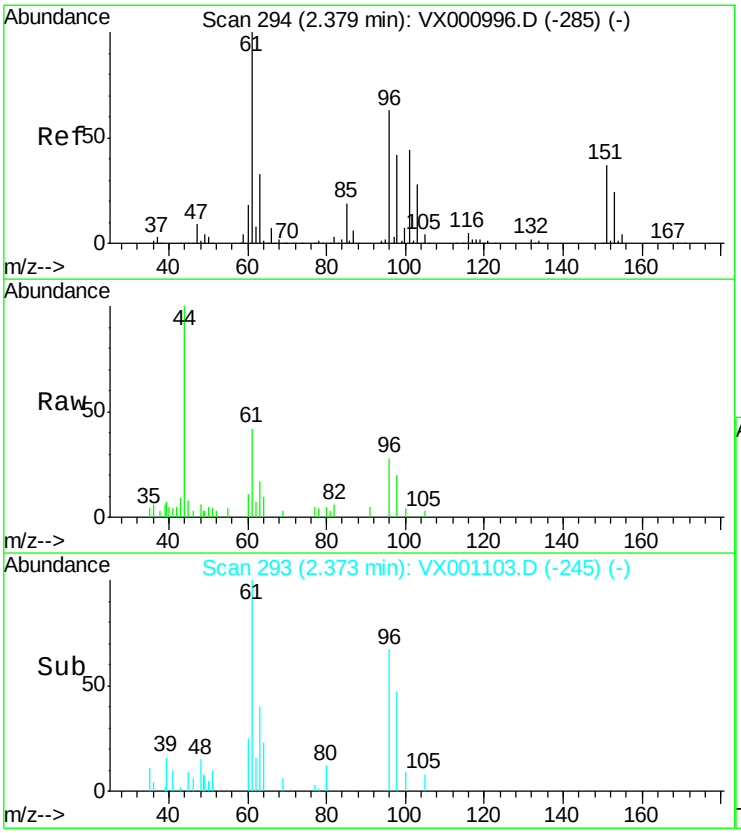
#11
Tert butyl alcohol
Concen: 0.76 ug/l
RT: 3.09 min Scan# 410
Delta R.T. 0.01 min
Lab File: VX001103.D
Acq: 25 Apr 2018 03:25

Instrument :
MSVOA_X
ClientSampleId :
SS043MW014-180417

Tgt Ion: 59 Resp: 320

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.3	12.5#

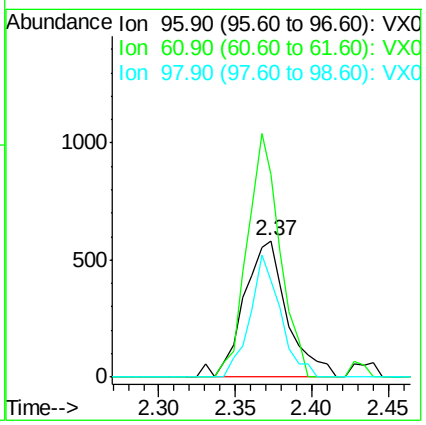


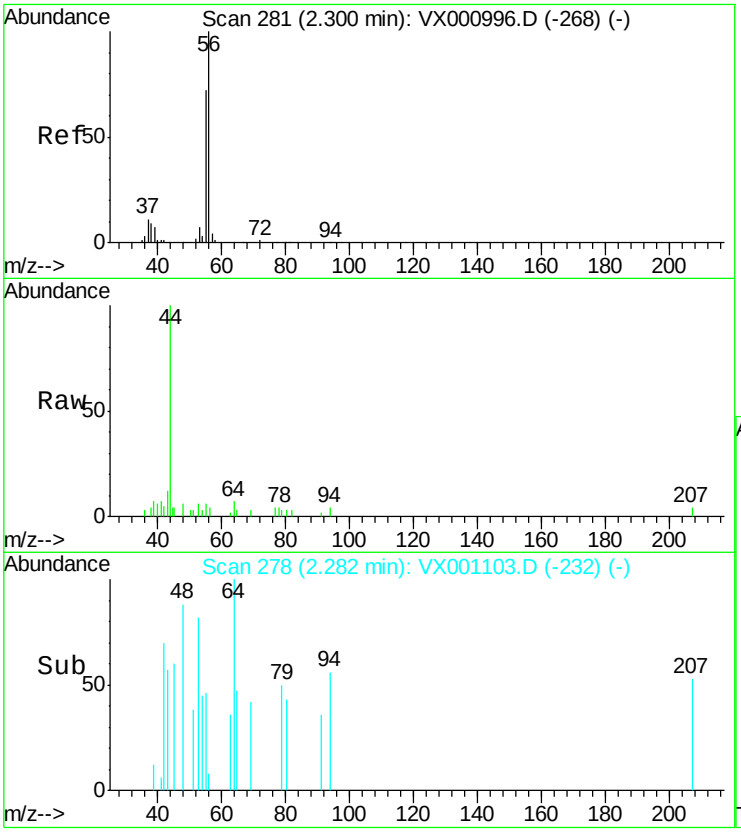


#12
1,1-Dichloroethene
Concen: 0.53 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.01 min
Lab File: VX001103.D
Acq: 25 Apr 2018 03:25

Tgt Ion: 96 Resp: 1144

Ion	Ratio	Lower	Upper
96	100		
61	149.1	126.4	189.6
98	70.4	52.6	78.8



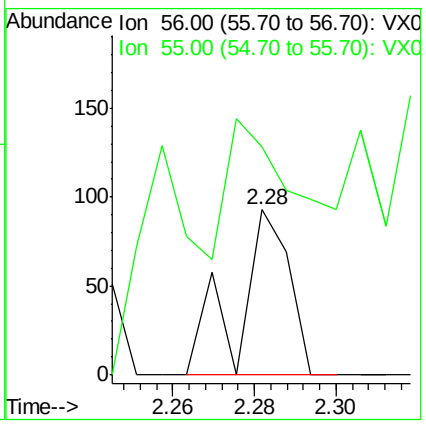


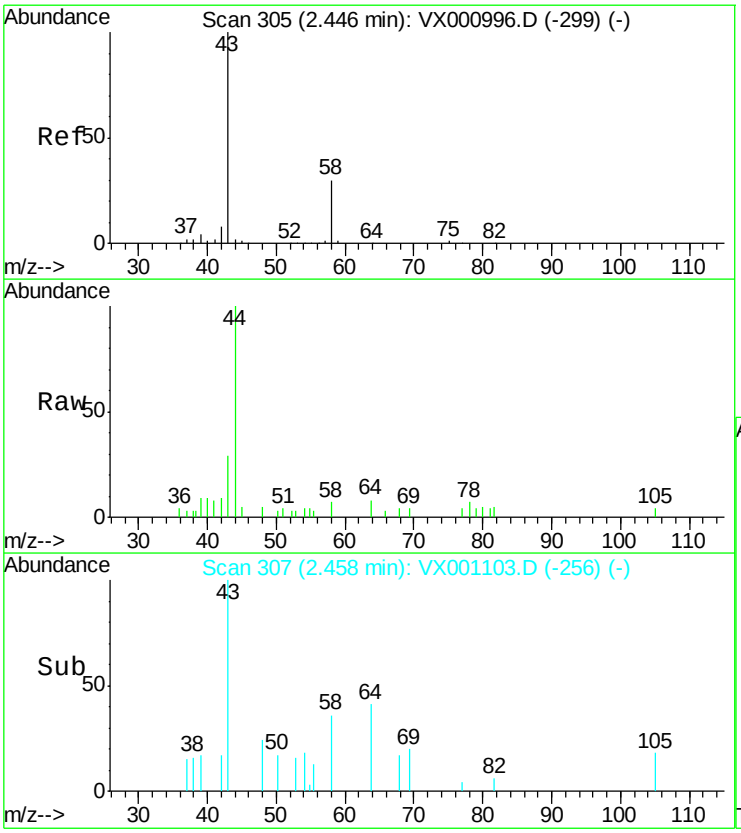
#13
Acrolein
Concen: 11.51 ug/l
RT: 2.28 min Scan# 278
Delta R.T. -0.02 min
Lab File: VX001103.D
Acq: 25 Apr 2018 03:25

Instrument :
MSVOA_X
ClientSampleId :
SS043MW014-180417

Tgt Ion: 56 Resp: 80

Ion	Ratio	Lower	Upper
56	100		
55	111.3	57.4	86.2#

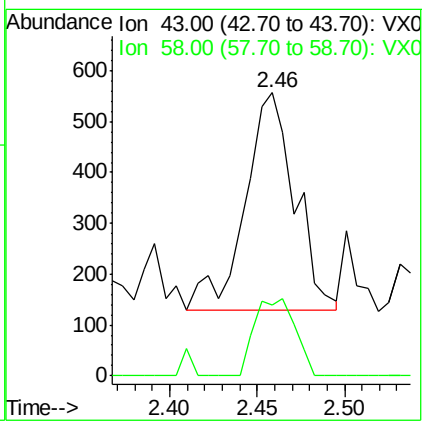


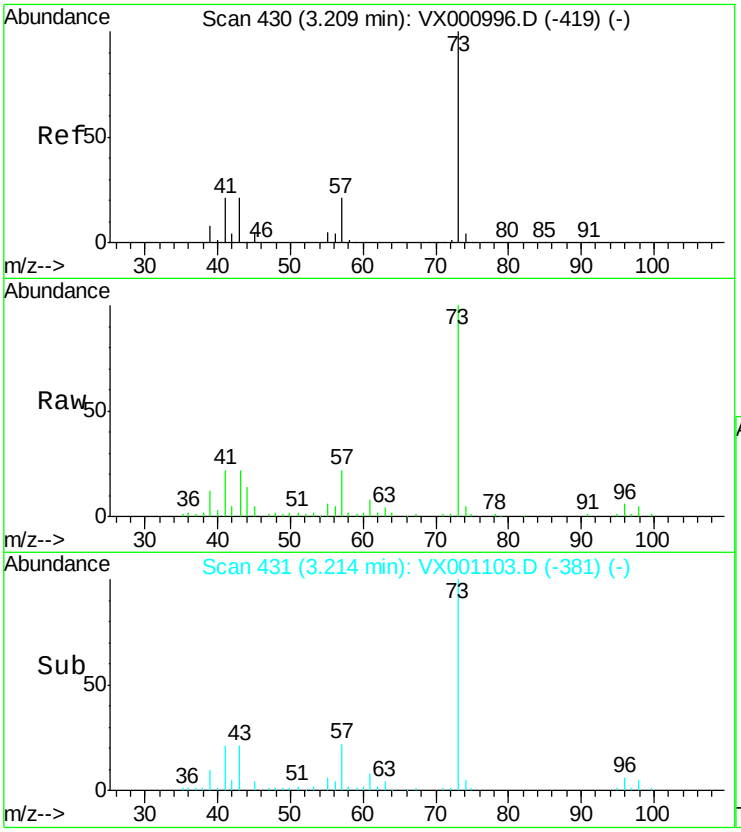


#16
Acetone
Concen: 0.81 ug/l
RT: 2.46 min Scan# 307
Delta R.T. 0.01 min
Lab File: VX001103.D
Acq: 25 Apr 2018 03:25

Tgt Ion: 43 Resp: 855

Ion	Ratio	Lower	Upper
43	100		
58	32.7	23.7	35.5



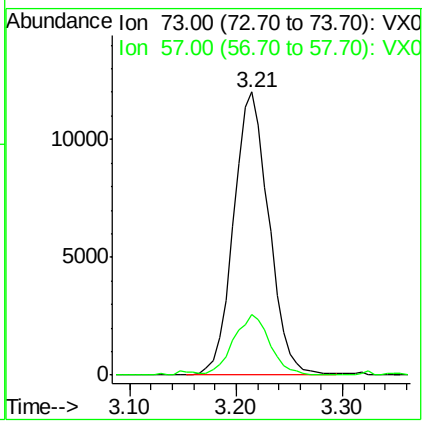


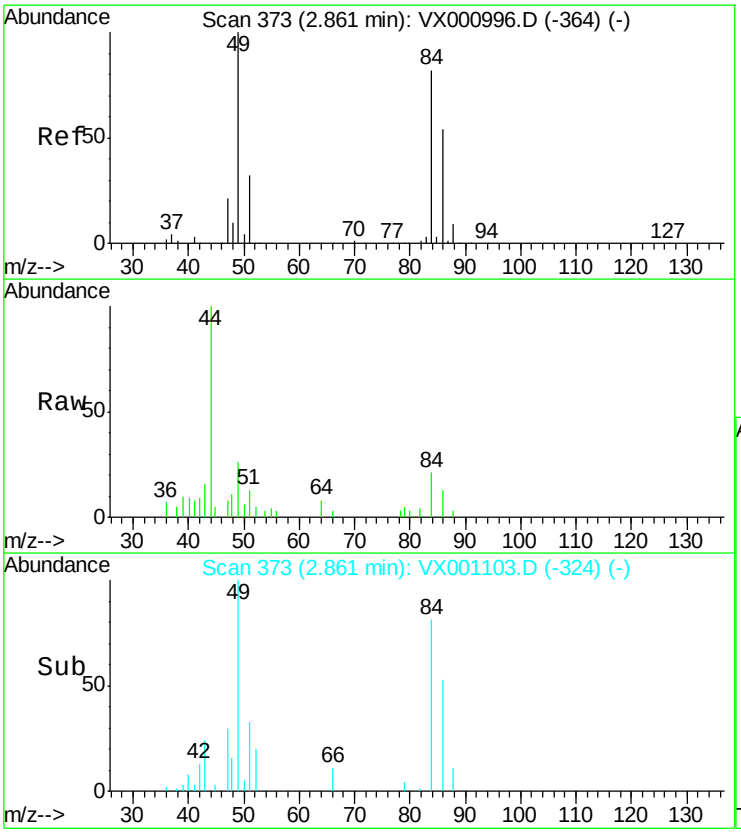
#19
Methyl tert-butyl Ether
Concen: 3.85 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.01 min
Lab File: VX001103.D
Acq: 25 Apr 2018 03:25

Instrument :
MSVOA_X
ClientSampleId :
SS043MW014-180417

Tgt Ion: 73 Resp: 27932

Ion	Ratio	Lower	Upper
73	100		
57	21.5	17.1	25.7

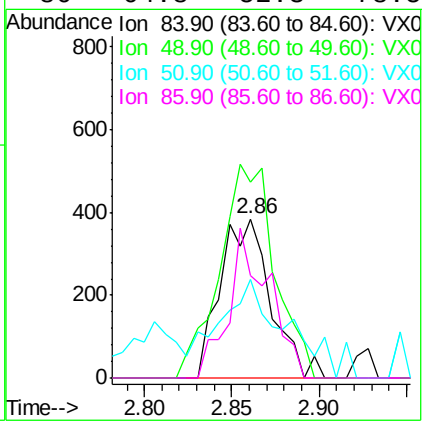


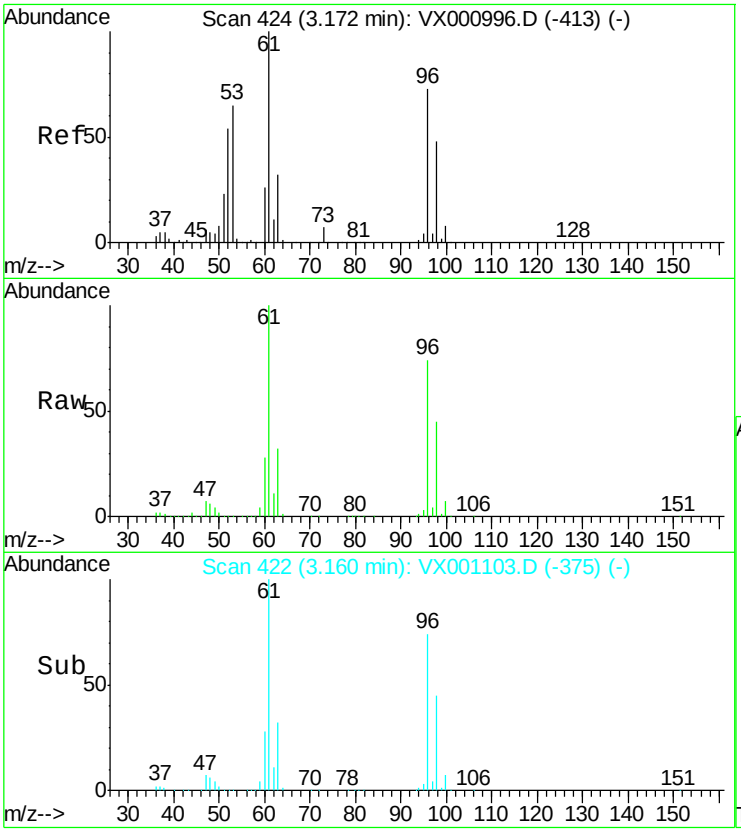


#20
Methylene Chloride
Concen: Below Cal
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX001103.D
Acq: 25 Apr 2018 03:25

Tgt Ion: 84 Resp: 771

Ion	Ratio	Lower	Upper
84	100		
49	123.4	97.1	145.7
51	62.5	30.8	46.2#
86	64.8	52.3	78.5



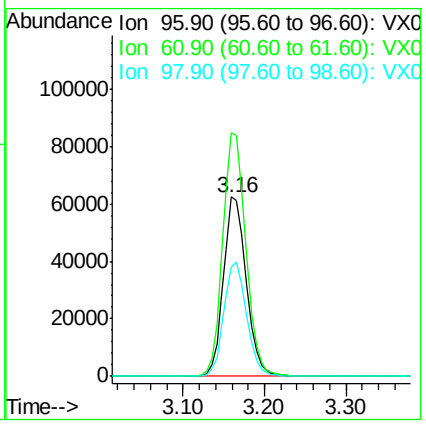


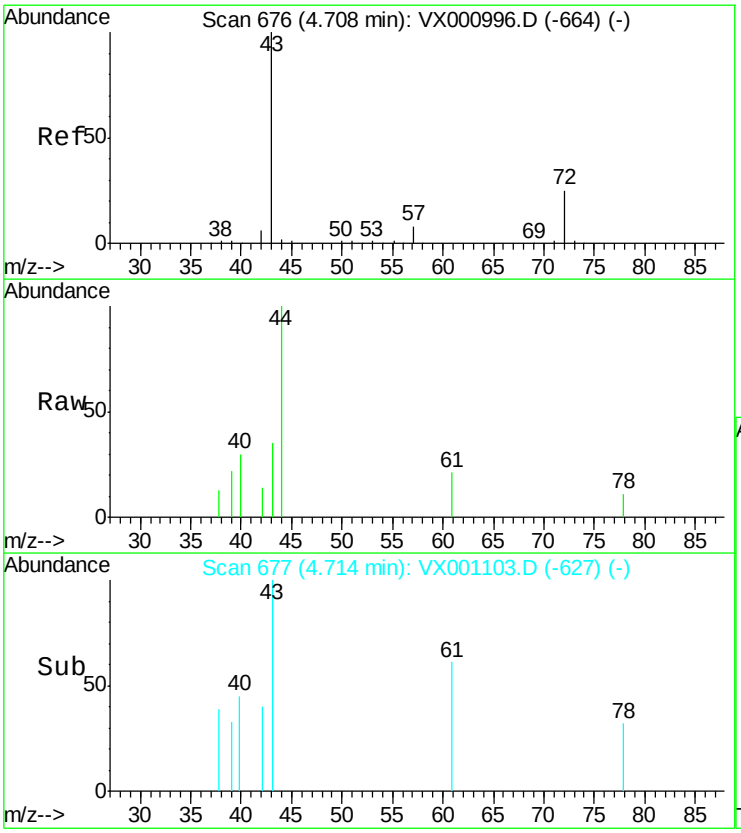
#21
trans-1,2-Dichloroethene
Concen: 49.95 ug/l
RT: 3.16 min Scan# 422
Delta R.T. -0.01 min
Lab File: VX001103.D
Acq: 25 Apr 2018 03:25

Instrument :
MSVOA_X
ClientSampleId :
SS043MW014-180417

Tgt Ion: 96 Resp: 119896

Ion	Ratio	Lower	Upper
96	100		
61	135.9	109.4	164.2
98	61.0	52.6	78.8

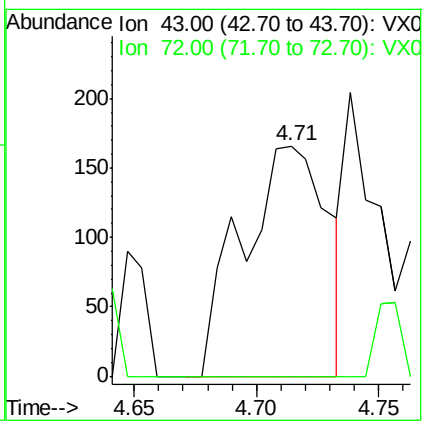


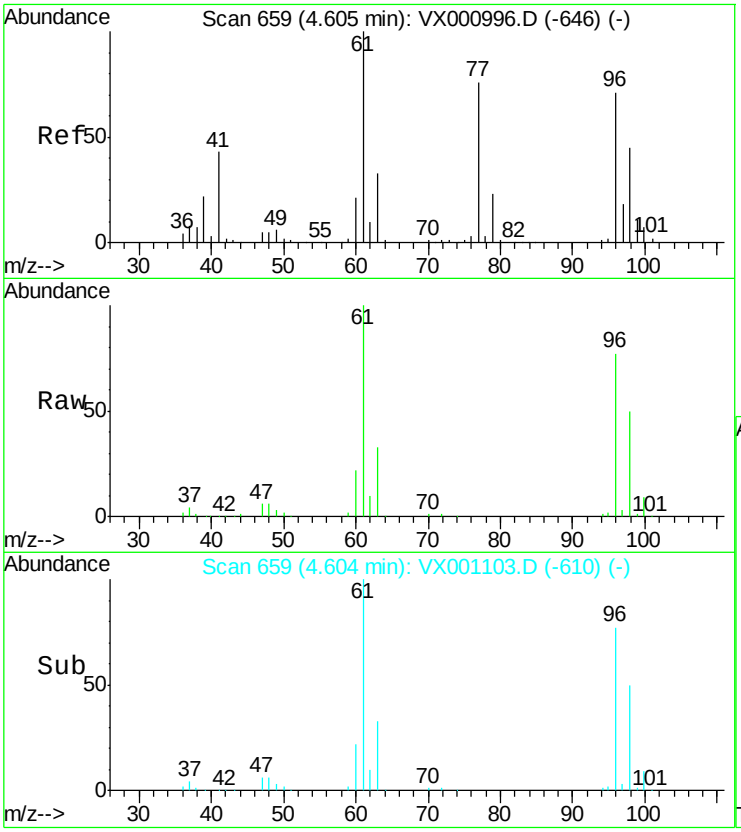


#25
2-Butanone
Concen: 0.24 ug/l
RT: 4.71 min Scan# 677
Delta R.T. 0.01 min
Lab File: VX001103.D
Acq: 25 Apr 2018 03:25

Tgt Ion: 43 Resp: 403

Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.9	29.9#



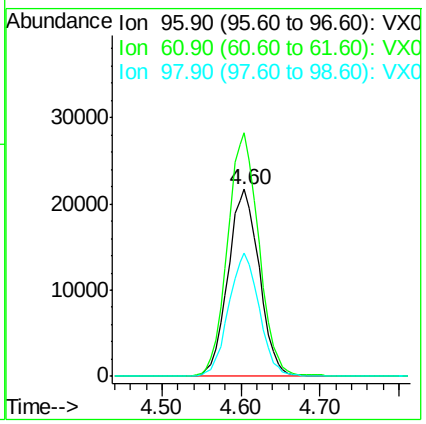


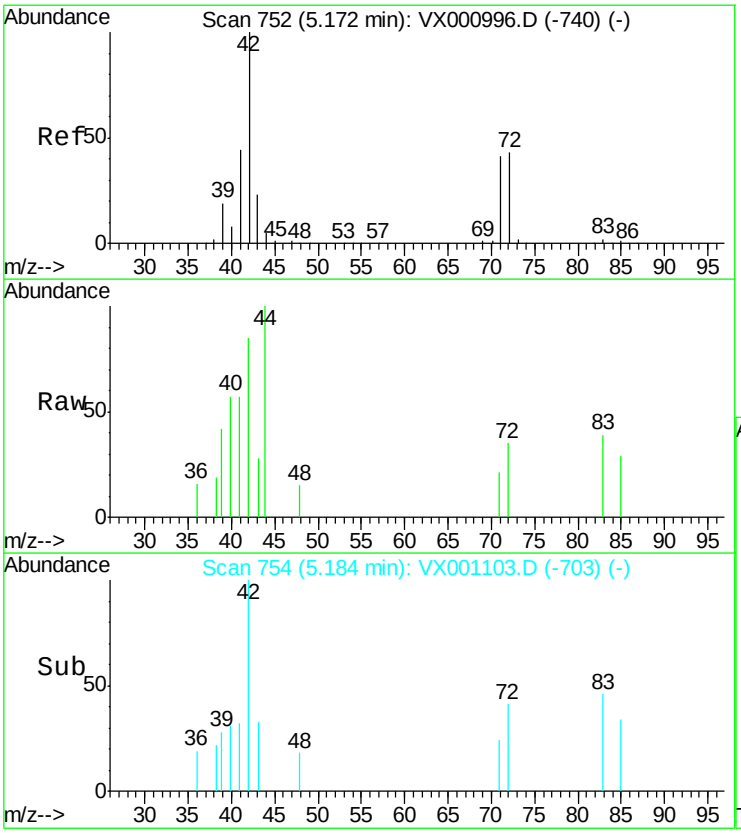
#27
cis-1,2-Dichloroethene
Concen: 22.40 ug/l
RT: 4.60 min Scan# 659
Delta R.T. -0.00 min
Lab File: VX001103.D
Acq: 25 Apr 2018 03:25

Instrument :
MSVOA_X
ClientSampleId :
SS043MW014-180417

Tgt Ion: 96 Resp: 59885

Ion	Ratio	Lower	Upper
96	100		
61	130.3	0.0	297.0
98	64.6	0.0	130.0

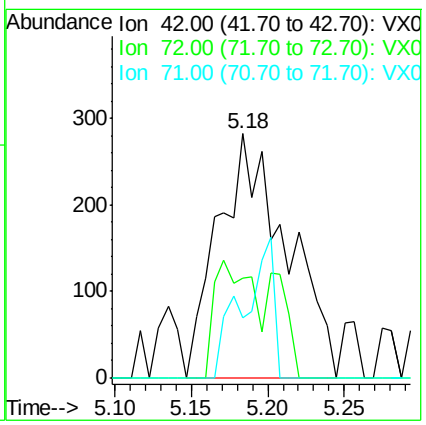


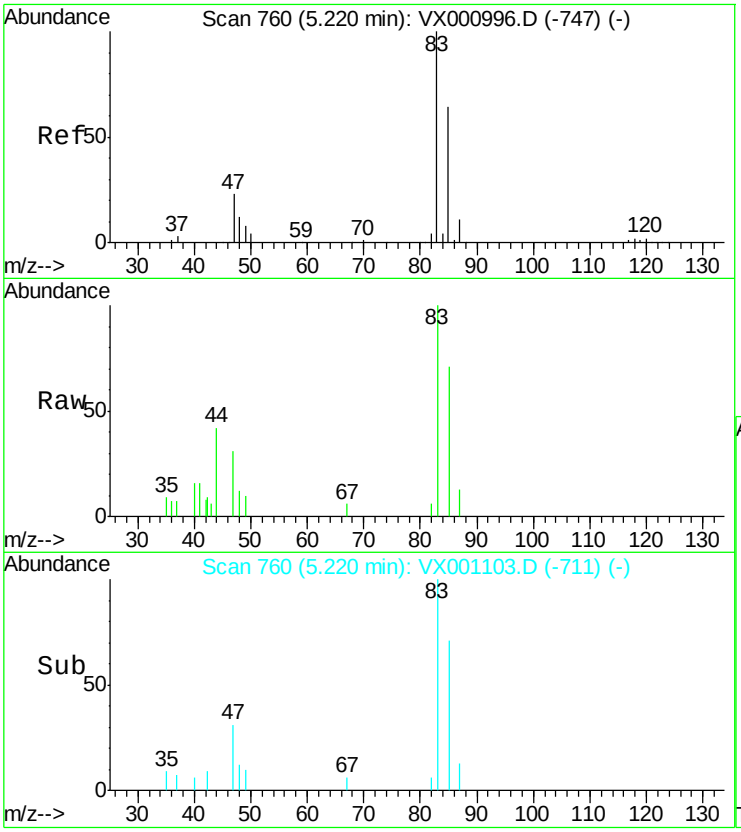


#29
Tetrahydrofuran
Concen: 0.84 ug/l
RT: 5.18 min Scan# 754
Delta R.T. 0.01 min
Lab File: VX001103.D
Acq: 25 Apr 2018 03:25

Tgt Ion: 42 Resp: 877

Ion	Ratio	Lower	Upper
42	100		
72	26.8	34.6	52.0#
71	0.0	32.6	49.0#



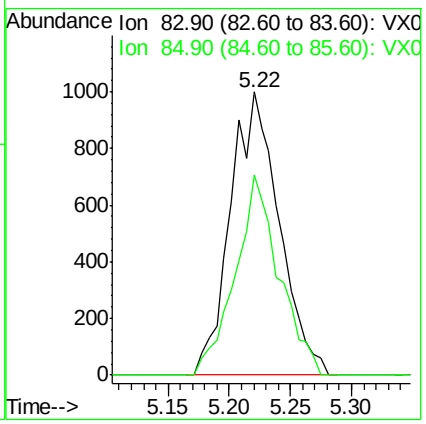


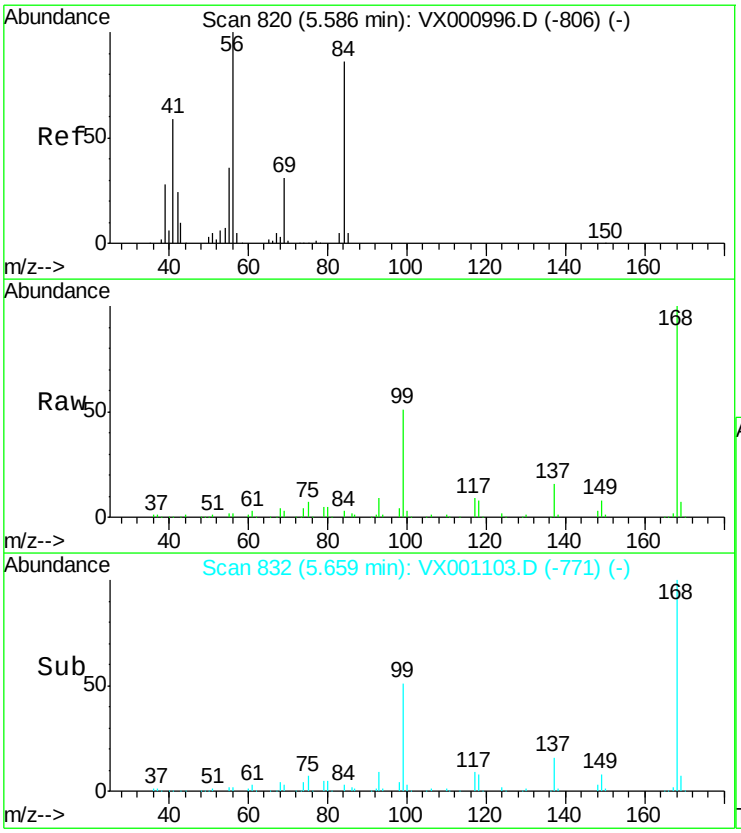
#30
Chloroform
Concen: 0.63 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX001103.D
Acq: 25 Apr 2018 03:25

Instrument :
MSVOA_X
ClientSampleId :
SS043MW014-180417

Tgt Ion: 83 Resp: 2758

Ion	Ratio	Lower	Upper
83	100		
85	70.6	51.3	76.9

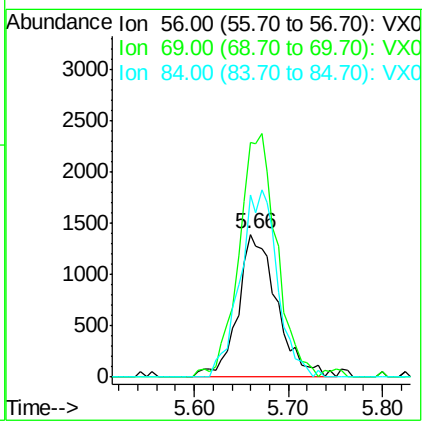


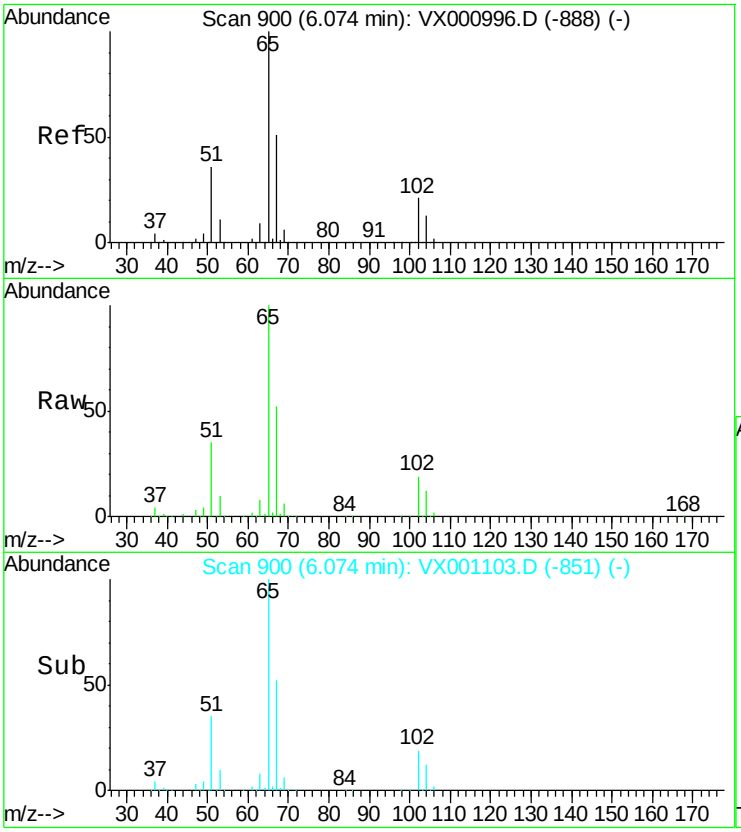


#31
Cyclohexane
Concen: 1.02 ug/l
RT: 5.66 min Scan# 832
Delta R.T. 0.07 min
Lab File: VX001103.D
Acq: 25 Apr 2018 03:25

Tgt Ion: 56 Resp: 4026

Ion	Ratio	Lower	Upper
56	100		
69	163.8	24.6	36.8#
84	127.1	69.0	103.6#



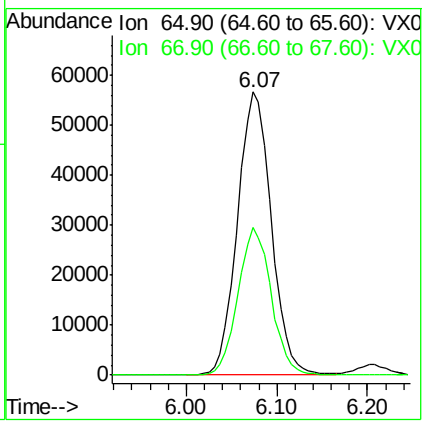


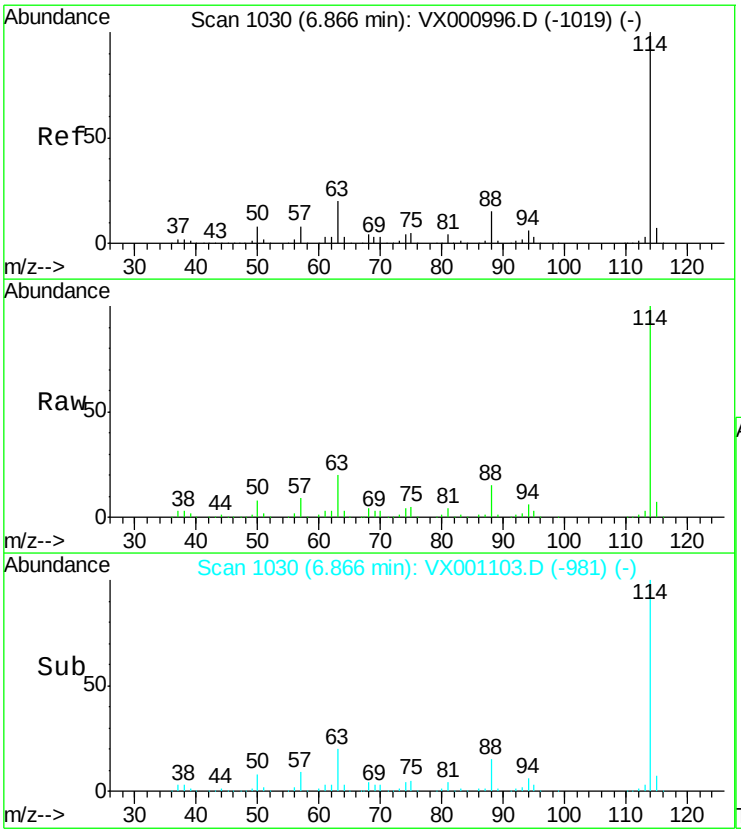
#33
1,2-Dichloroethane-d4
Concen: 52.25 ug/l
RT: 6.07 min Scan# 900
Delta R.T. -0.00 min
Lab File: VX001103.D
Acq: 25 Apr 2018 03:25

Instrument :
MSVOA_X
ClientSampleId :
SS043MW014-180417

Tgt Ion: 65 Resp: 146566

Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	102.6

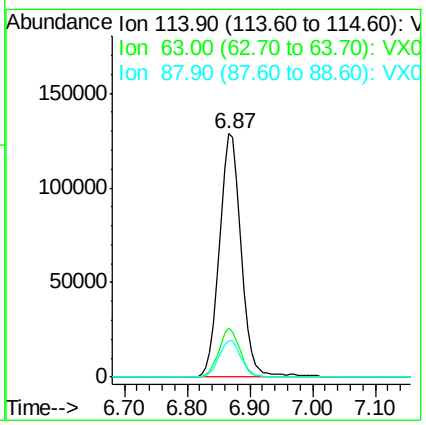


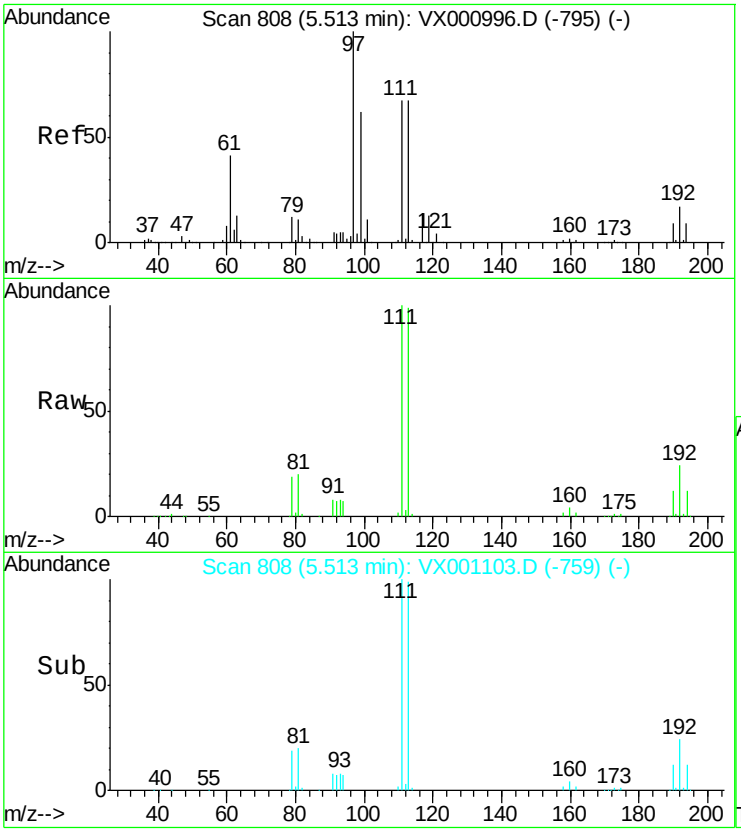


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VX001103.D
Acq: 25 Apr 2018 03:25

Tgt Ion:114 Resp: 309075

Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	39.4
88	14.6	0.0	29.8



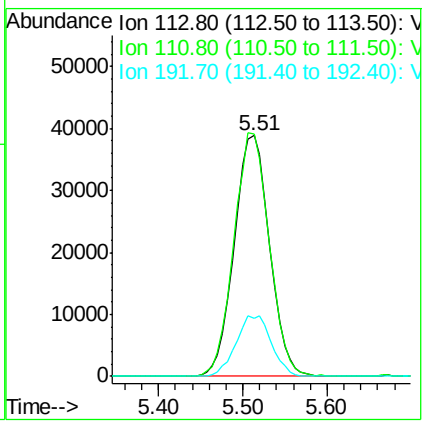


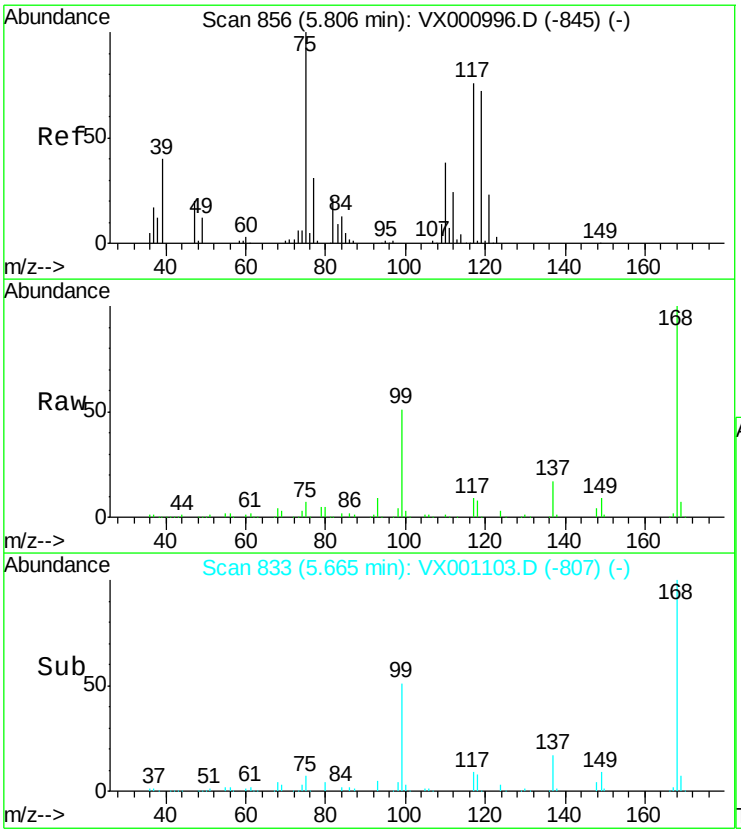
#35
Dibromofluoromethane
Concen: 46.80 ug/l
RT: 5.51 min Scan# 808
Delta R.T. -0.00 min
Lab File: VX001103.D
Acq: 25 Apr 2018 03:25

Instrument :
MSVOA_X
ClientSampleId :
SS043MW014-180417

Tgt Ion:113 Resp: 110288

Ion	Ratio	Lower	Upper
113	100		
111	101.1	81.4	122.2
192	25.4	20.4	30.6

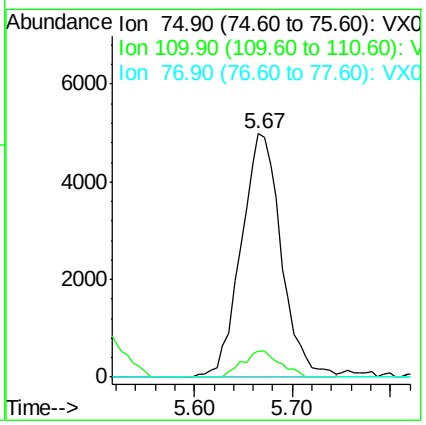


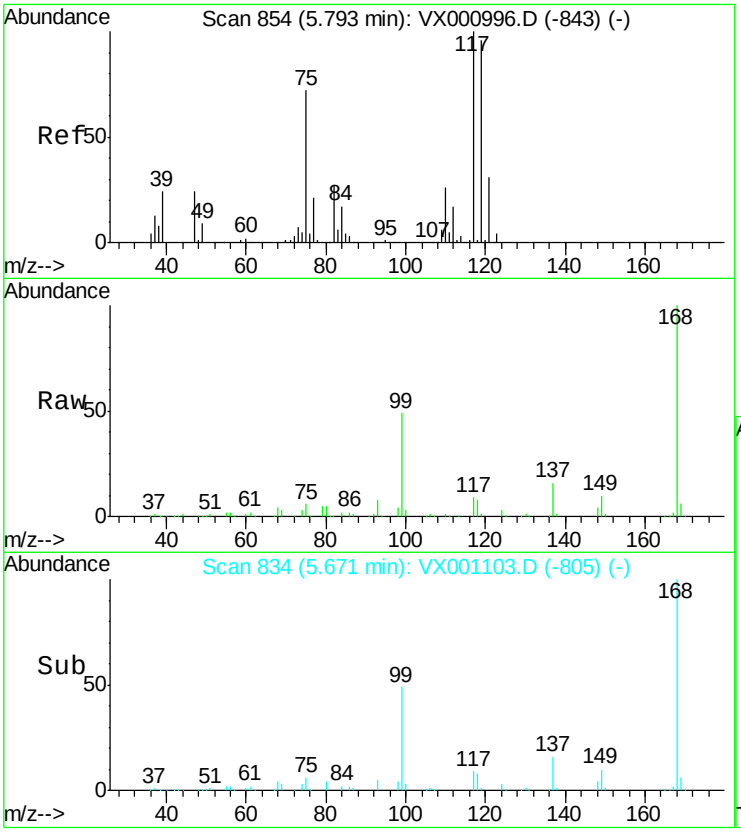


#36
1,1-Dichloropropene
Concen: 3.92 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.14 min
Lab File: VX001103.D
Acq: 25 Apr 2018 03:25

Tgt Ion: 75 Resp: 14220

Ion	Ratio	Lower	Upper
75	100		
110	10.0	18.7	56.1#
77	0.0	25.0	37.4#



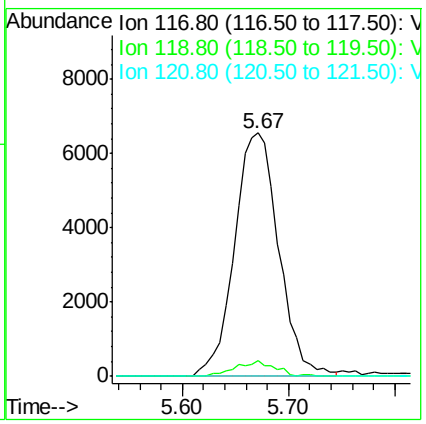


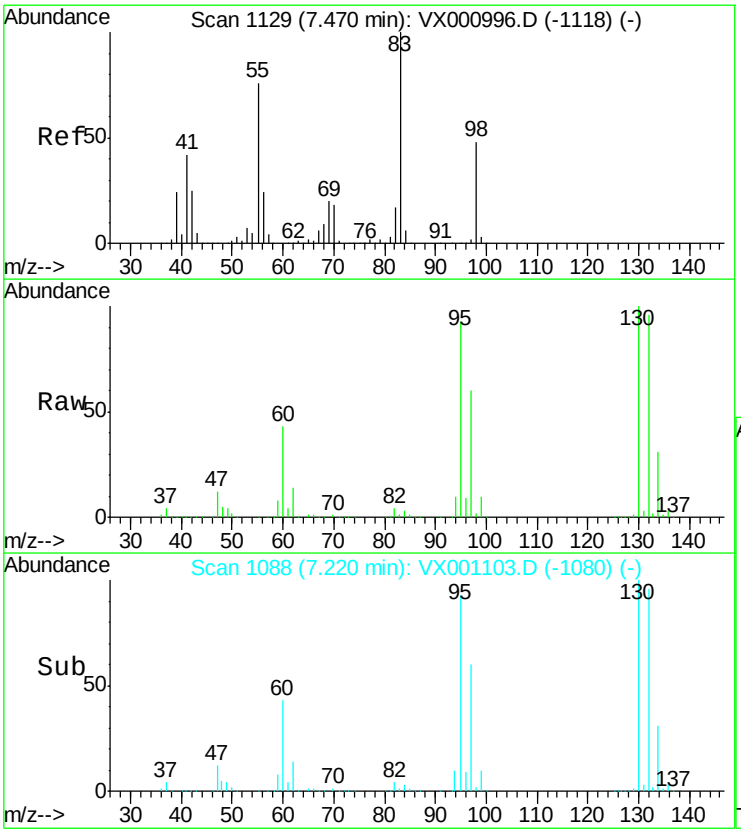
#38
Carbon Tetrachloride
Concen: 5.18 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.12 min
Lab File: VX001103.D
Acq: 25 Apr 2018 03:25

Instrument :
MSVOA_X
ClientSampleId :
SS043MW014-180417

Tgt Ion:117 Resp: 19052

Ion	Ratio	Lower	Upper
117	100		
119	6.5	76.5	114.7#
121	0.0	24.5	36.7#

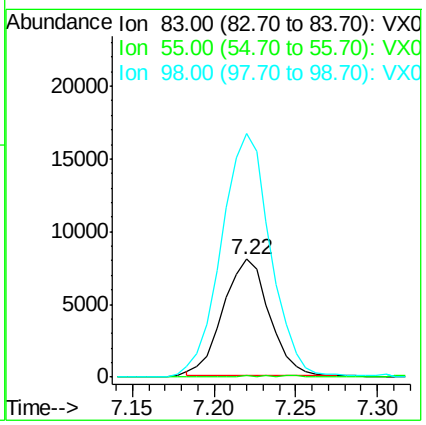


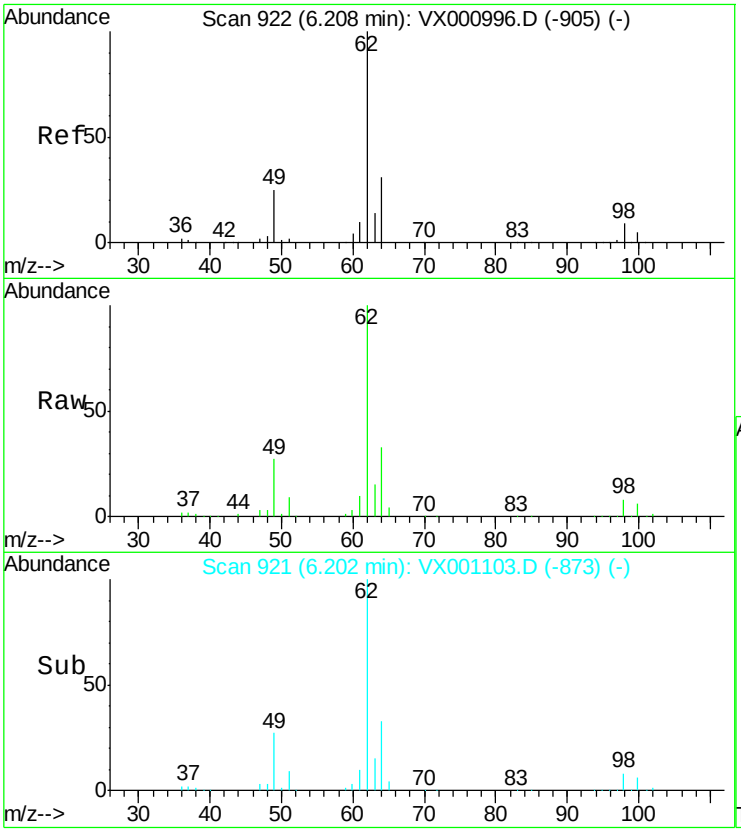


#39
Methylcyclohexane
Concen: 3.76 ug/l
RT: 7.22 min Scan# 1088
Delta R.T. -0.25 min
Lab File: VX001103.D
Acq: 25 Apr 2018 03:25

Tgt Ion: 83 Resp: 15907

Ion	Ratio	Lower	Upper
83	100		
55	0.9	60.6	91.0#
98	206.4	38.2	57.4#



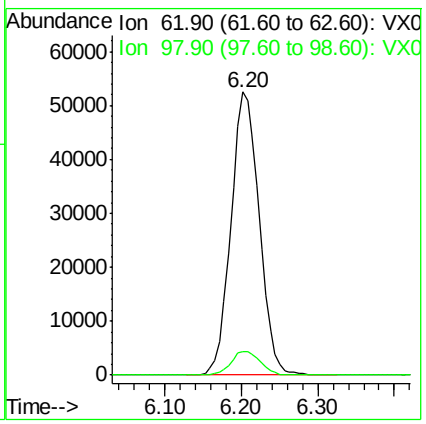


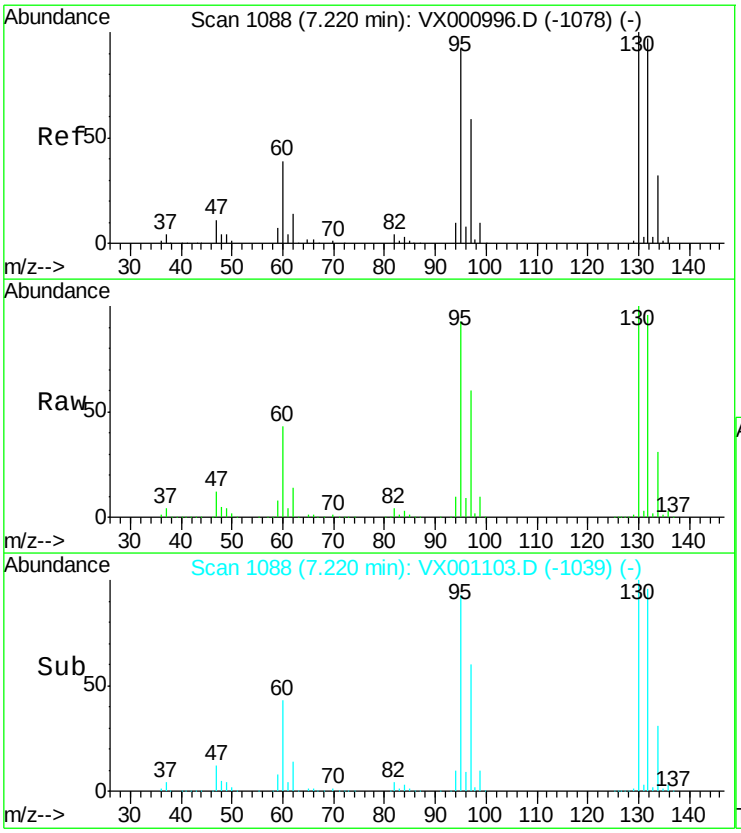
#42
1,2-Dichloroethane
Concen: 34.58 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.01 min
Lab File: VX001103.D
Acq: 25 Apr 2018 03:25

Instrument :
MSVOA_X
ClientSampleId :
SS043MW014-180417

Tgt Ion: 62 Resp: 134011

Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	17.6

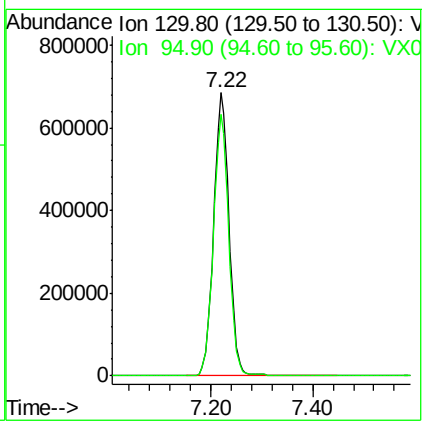


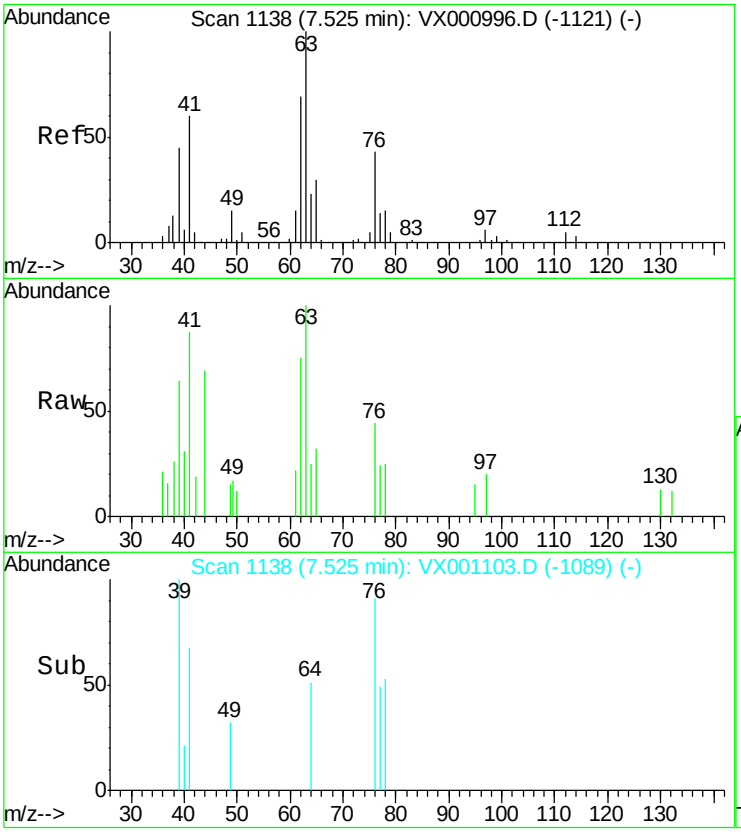


#44
Trichloroethene
Concen: 467.20 ug/l
RT: 7.22 min Scan# 1088
Delta R.T. -0.00 min
Lab File: VX001103.D
Acq: 25 Apr 2018 03:25

Tgt Ion:130 Resp: 1441303

Ion	Ratio	Lower	Upper
130	100		
95	92.6	0.0	184.2



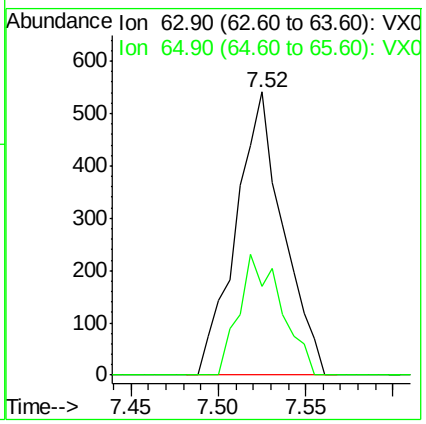


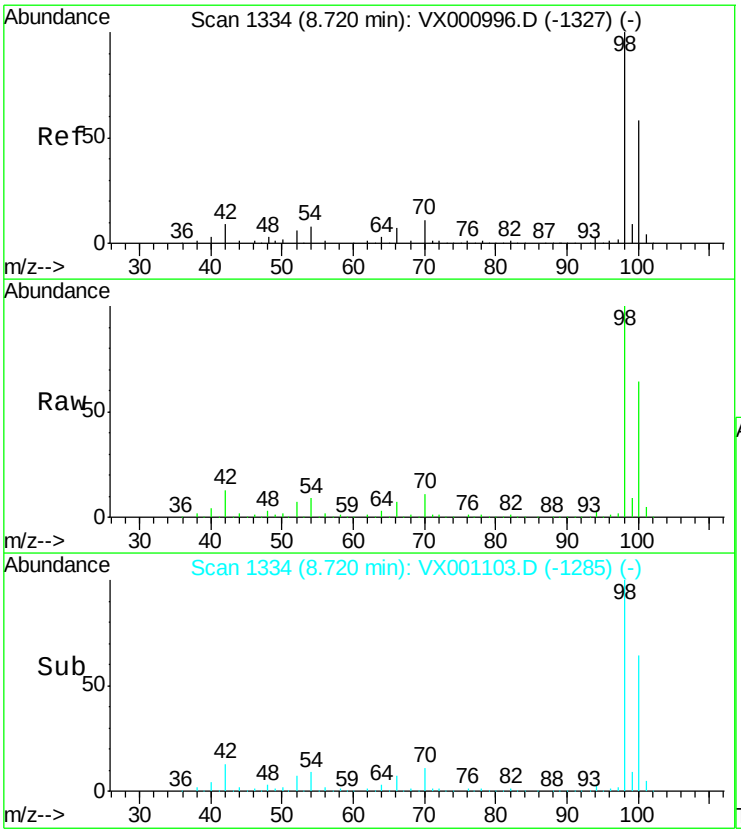
#45
1,2-Dichloropropane
Concen: 0.40 ug/l
RT: 7.52 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VX001103.D
Acq: 25 Apr 2018 03:25

Instrument :
MSVOA_X
ClientSampleId :
SS043MW014-180417

Tgt Ion: 63 Resp: 1018

Ion	Ratio	Lower	Upper
63	100		
65	31.6	24.4	36.6

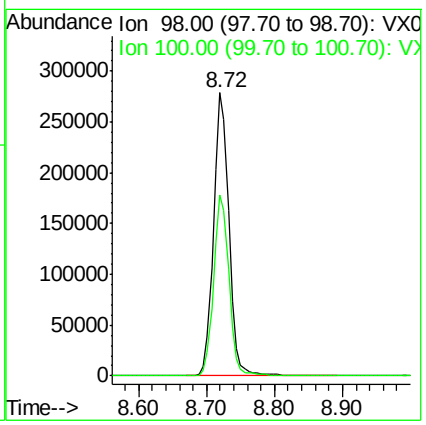


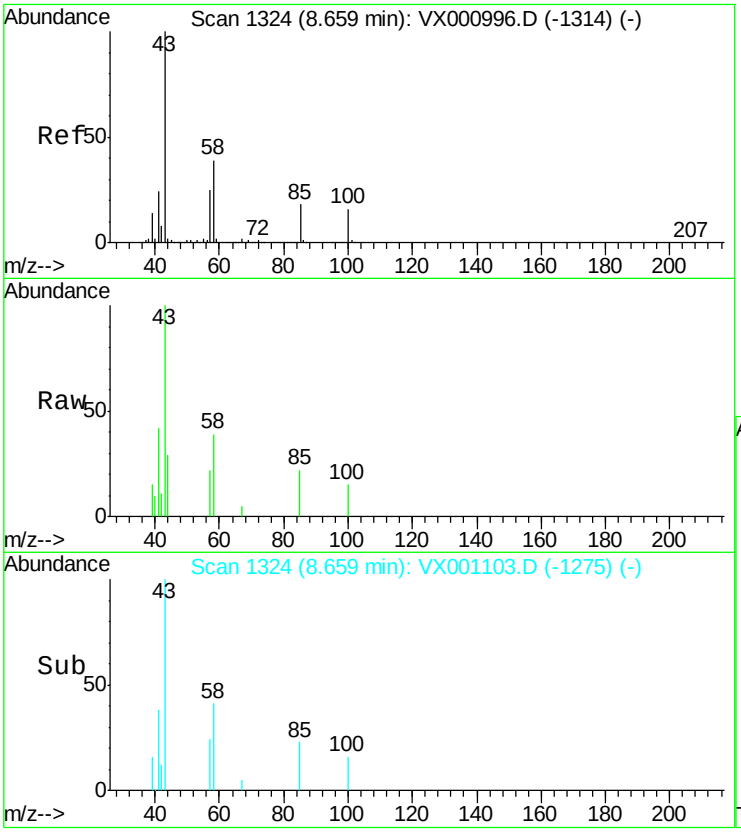


#50
Toluene-d8
Concen: 50.22 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX001103.D
Acq: 25 Apr 2018 03:25

Tgt Ion: 98 Resp: 437611

Ion	Ratio	Lower	Upper
98	100		
100	63.5	51.9	77.9



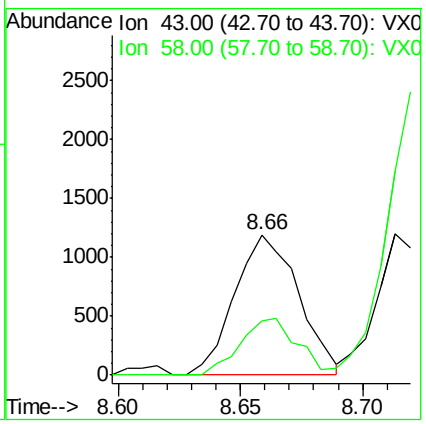


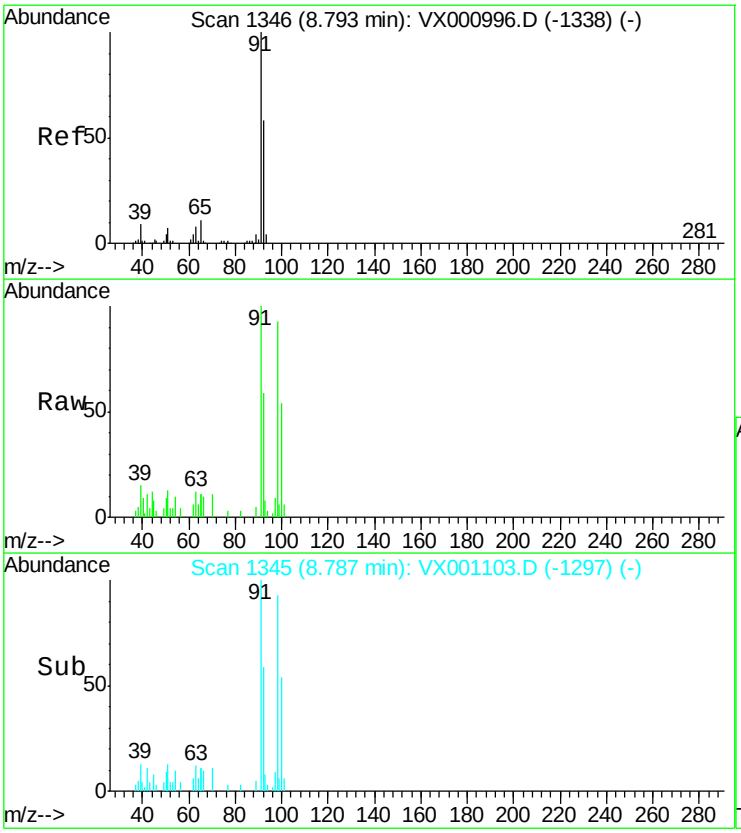
#51
4-Methyl-2-Pentanone
Concen: 0.62 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. -0.00 min
Lab File: VX001103.D
Acq: 25 Apr 2018 03:25

Instrument :
MSVOA_X
ClientSampleId :
SS043MW014-180417

Tgt Ion: 43 Resp: 2162

Ion	Ratio	Lower	Upper
43	100		
58	35.8	30.2	45.4

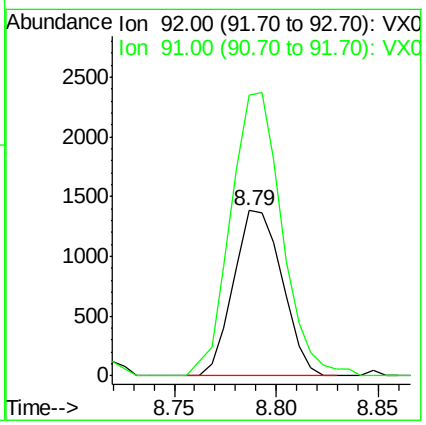


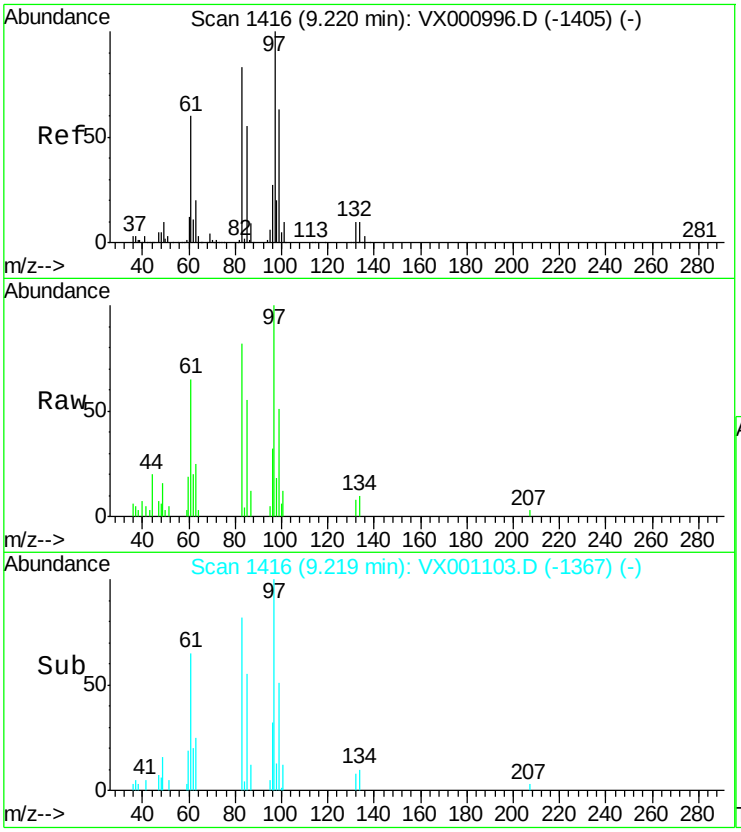


#52
Toluene
Concen: 0.35 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. -0.01 min
Lab File: VX001103.D
Acq: 25 Apr 2018 03:25

Tgt Ion: 92 Resp: 2297

Ion	Ratio	Lower	Upper
92	100		
91	180.5	138.2	207.4



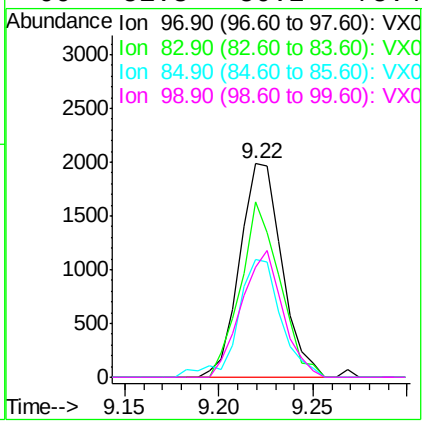


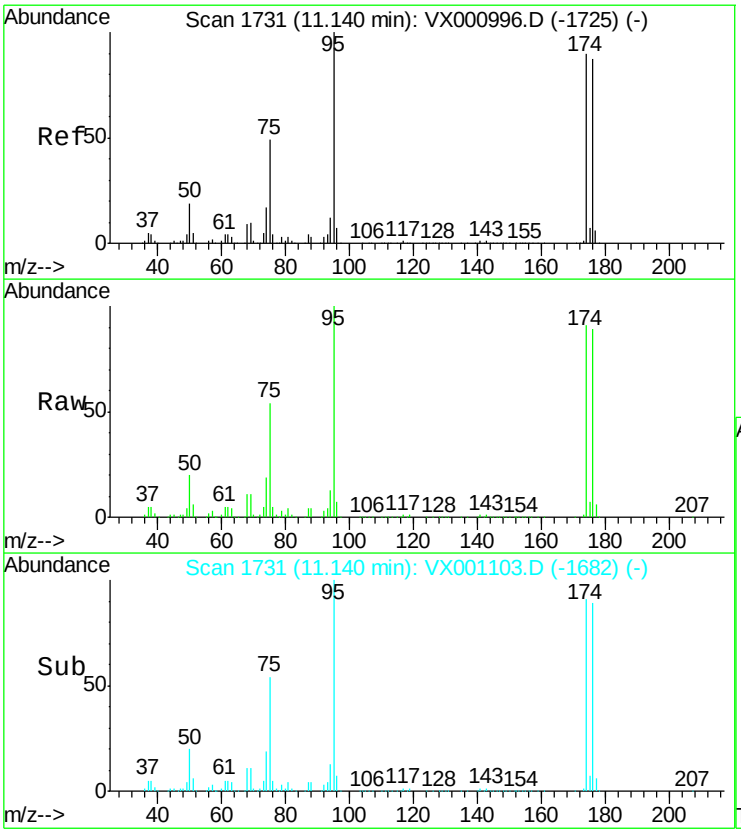
#55
1,1,2-Trichloroethane
Concen: 1.17 ug/l
RT: 9.22 min Scan# 1416
Delta R.T. -0.00 min
Lab File: VX001103.D
Acq: 25 Apr 2018 03:25

Instrument :
MSVOA_X
ClientSampleId :
SS043MW014-180417

Tgt Ion: 97 Resp: 3072

Ion	Ratio	Lower	Upper
97	100		
83	81.9	66.2	99.4
85	55.4	44.2	66.4
99	51.3	50.2	75.4

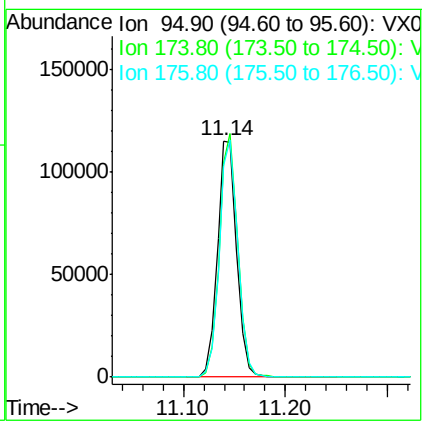


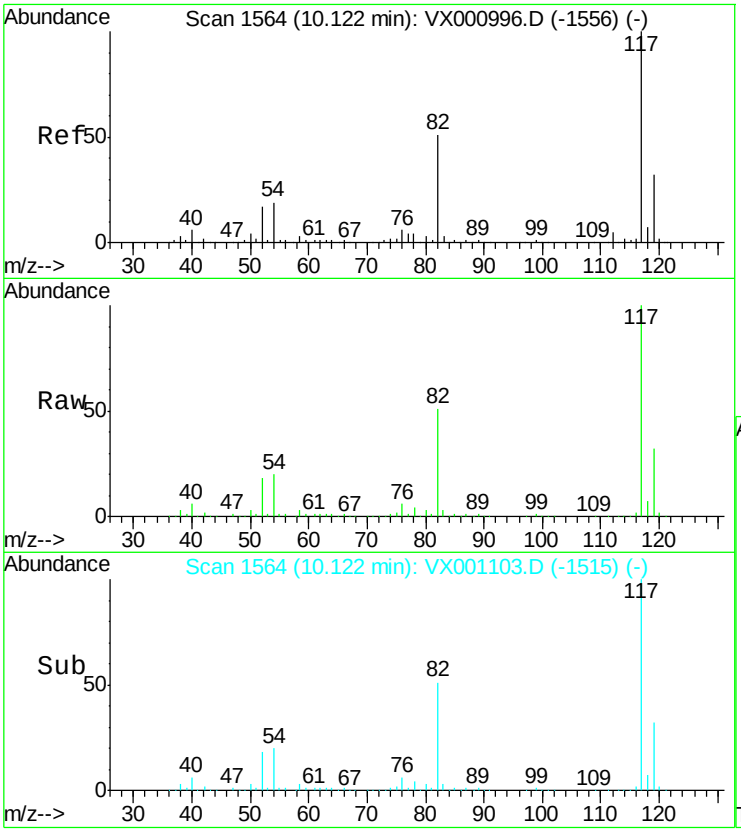


#62
4-Bromofluorobenzene
Concen: 41.66 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX001103.D
Acq: 25 Apr 2018 03:25

Tgt Ion: 95 Resp: 152356

Ion	Ratio	Lower	Upper
95	100		
174	98.1	0.0	198.4
176	96.2	0.0	192.0



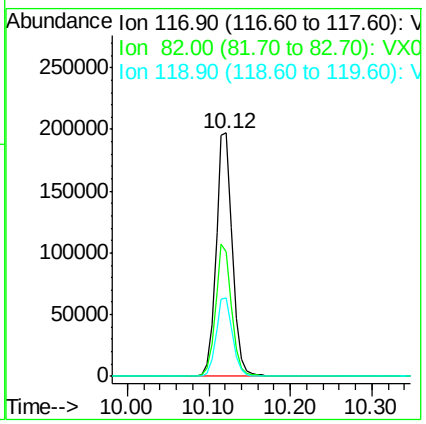


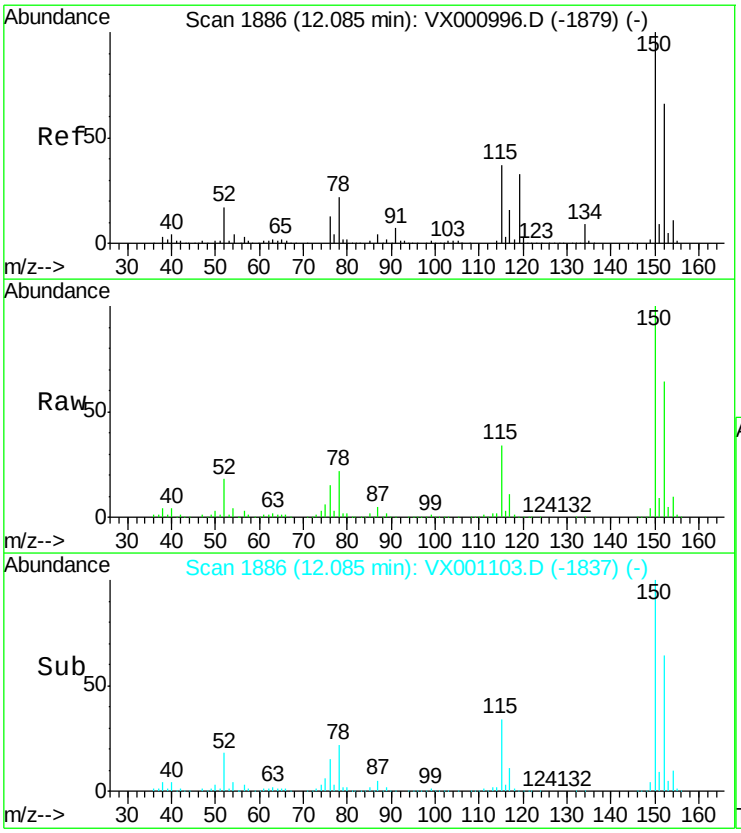
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX001103.D
Acq: 25 Apr 2018 03:25

Instrument :
MSVOA_X
ClientSampleId :
SS043MW014-180417

Tgt Ion:117 Resp: 277454

Ion	Ratio	Lower	Upper
117	100		
82	51.4	40.6	60.8
119	32.3	26.0	39.0

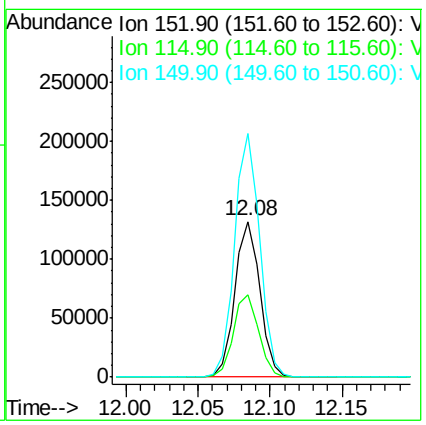


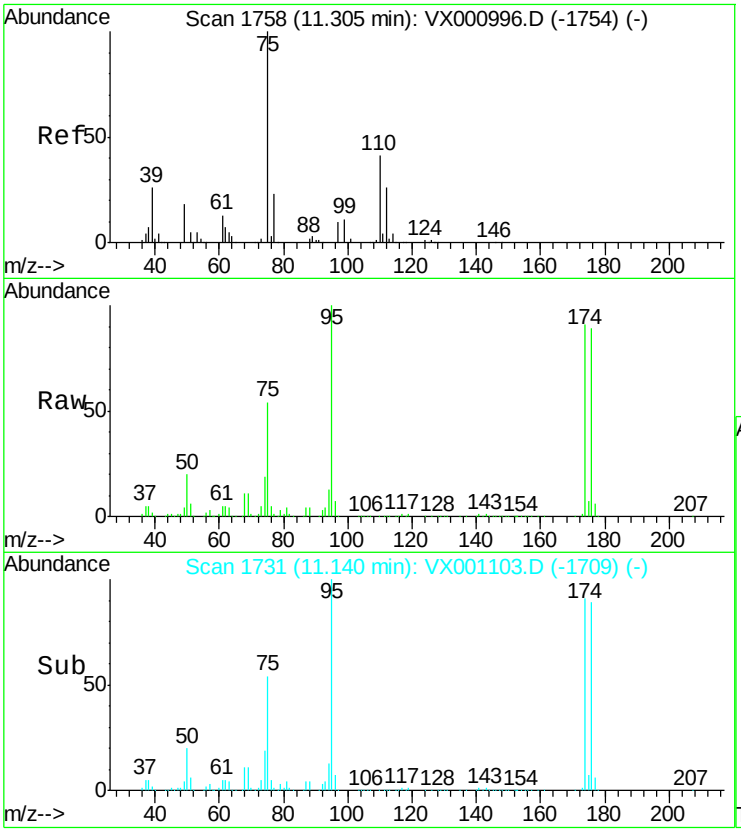


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX001103.D
Acq: 25 Apr 2018 03:25

Tgt Ion:152 Resp: 160404

Ion	Ratio	Lower	Upper
152	100		
115	53.6	38.2	114.6
150	157.3	0.0	350.4



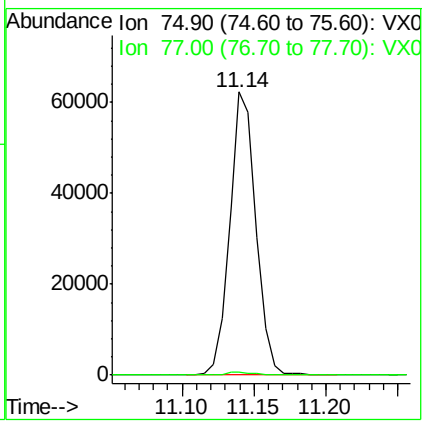


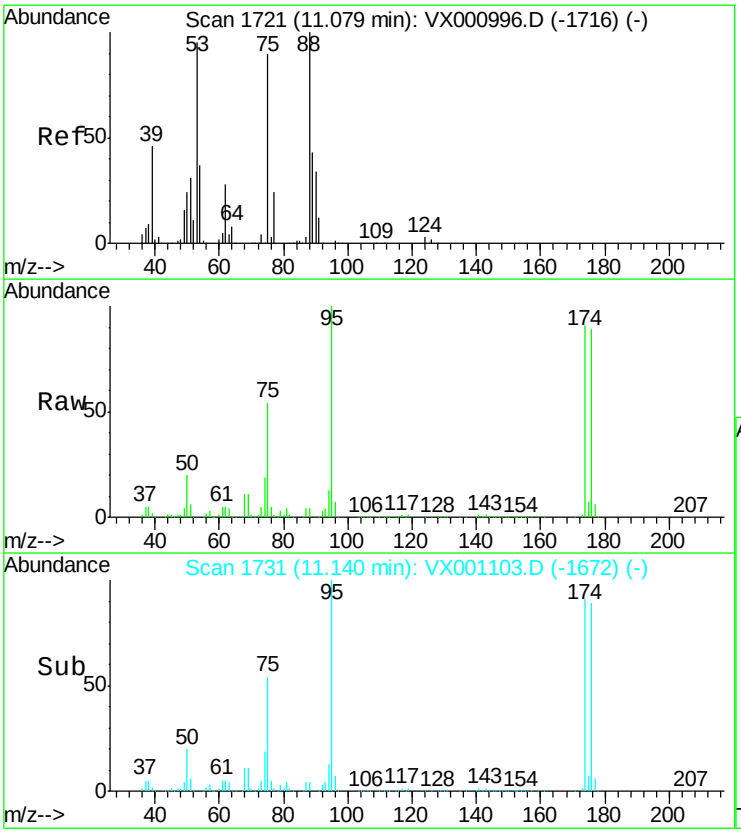
#76
1,2,3-Trichloropropane
Concen: 28.40 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX001103.D
Acq: 25 Apr 2018 03:25

Instrument :
MSVOA_X
ClientSampleId :
SS043MW014-180417

Tgt Ion: 75 Resp: 79043

Ion	Ratio	Lower	Upper
75	100		
77	1.2	19.6	58.7#

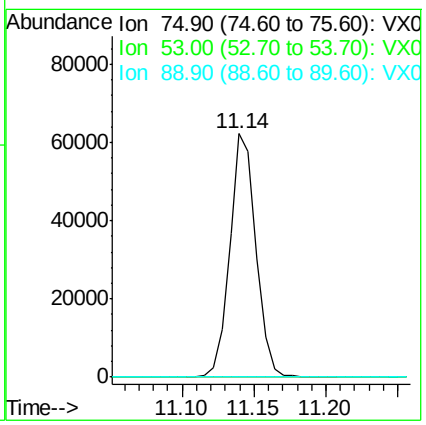


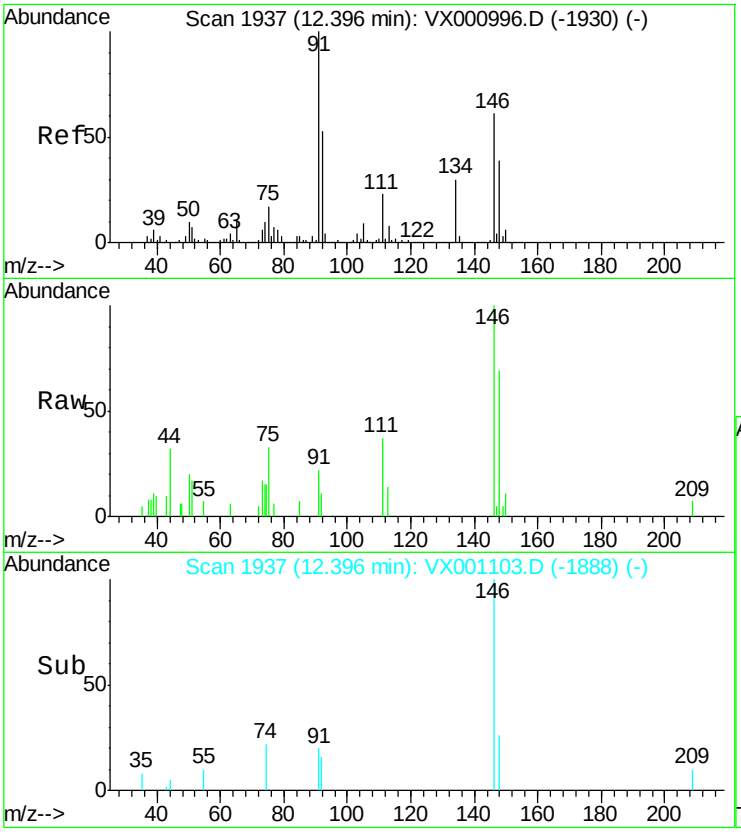


#81
trans-1,4-Dichloro-2-butene
Concen: 84.75 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX001103.D
Acq: 25 Apr 2018 03:25

Tgt Ion: 75 Resp: 79043

Ion	Ratio	Lower	Upper
75	100		
53	0.0	83.4	125.2#
89	0.0	39.7	59.5#





#91
1,2-Dichlorobenzene
Concen: 0.23 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX001103.D
Acq: 25 Apr 2018 03:25

Instrument :
MSVOA_X
ClientSampleId :
SS043MW014-180417

Tgt Ion:146 Resp: 1296

Ion	Ratio	Lower	Upper
146	100		
111	32.0	18.6	56.0
148	54.7	32.3	96.8