Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX042818\

Quantitation Report (Not Reviewed)

Data File : VX001219.D
Acq On : 28 Apr 2018 17:39
Operator : JC/MD
Sample : J2547-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : WP022MW102-180423

Quant Time: Apr 30 01:32:57 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	177510	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	243194	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	213485	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	112162	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.08	65	133839	48.64	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.28%				
35) Dibromofluoromethane	5.51	113	106349	52.83	ug/l		0.00
Spiked Amount 50.000			Recovery = 105.66%				
50) Toluene-d8	8.72	98	401897	52.91	ug/l		0.00
Spiked Amount 50.000			Recovery = 105.82%				
62) 4-Bromofluorobenzene	11.14	95	131618	44.35	ug/l		0.00
Spiked Amount 50.000			Recovery = 88.70%				
Target Compounds							Qvalue
3) Chloromethane	1.32	50	477	0.24	ug/l	#	53
4) Vinyl Chloride	1.40	62	8883	4.29	ug/l		97
5) Bromomethane	1.65	94	1046	Below Cal			88
6) Chloroethane	1.73	64	316	0.24	ug/l		95
10) Methyl Iodide	2.51	142	420	7.43	ug/l	#	82
11) Tert butyl alcohol	3.08	59	19377	35.71	ug/l		99
13) Acrolein	2.29	56	322	1.57	ug/l	#	49
14) Allyl chloride	2.71	41	2517	0.77	ug/l	#	43
16) Acetone	2.45	43	52979	46.82	ug/l		99
17) Carbon Disulfide	2.57	76	3578	0.78	ug/l	#	83
21) trans-1,2-Dichloroethene	3.17	96	454	0.23	ug/l		90
24) 1,1-Dichloroethane	3.70	63	4868	1.41	ug/l		94
25) 2-Butanone	4.72	43	12328	7.28	ug/l		100
26) 2,2-Dichloropropane	4.79	77	7753	2.86	ug/l	#	53
27) cis-1,2-Dichloroethene	4.61	96	7962	3.66	ug/l		90
29) Tetrahydrofuran	5.20	42	331	0.30	ug/l	#	34
36) 1,1-Dichloropropene	5.68	75	11034	4.12	ug/l	#	49
37) Ethyl Acetate	4.72	43	12328	3.84	ug/l	#	69
38) Carbon Tetrachloride	5.67	117	15764	5.74	ug/l	#	16
40) Benzene	6.15	78	9663	1.25	ug/l		97
49) 1,4-Dioxane	7.77	88	309	5.76	ug/l	#	81
51) 4-Methyl-2-Pentanone	8.66	43	1472	0.44	ug/l		96
54) cis-1,3-Dichloropropene	9.05	75	54	3.20	ug/l	#	63
65) Chlorobenzene	10.15	112	243770	43.58	ug/l		98
74) N-amyl acetate	6.48	43	753	0.20	ug/l	#	58
76) 1,2,3-Trichloropropane	11.14	75	69363	30.37	ug/l	#	39
81) trans-1,4-Dichloro-2-buten	11.14	75	69363	91.76	ug/l	#	6
87) 1,3-Dichlorobenzene	12.03	146	1828	0.47	ug/l		97
88) 1,4-Dichlorobenzene	12.03	146	1828	0.45	ug/l		97
91) 1,2-Dichlorobenzene	12.40	146	5263	1.34	ug/l		95

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

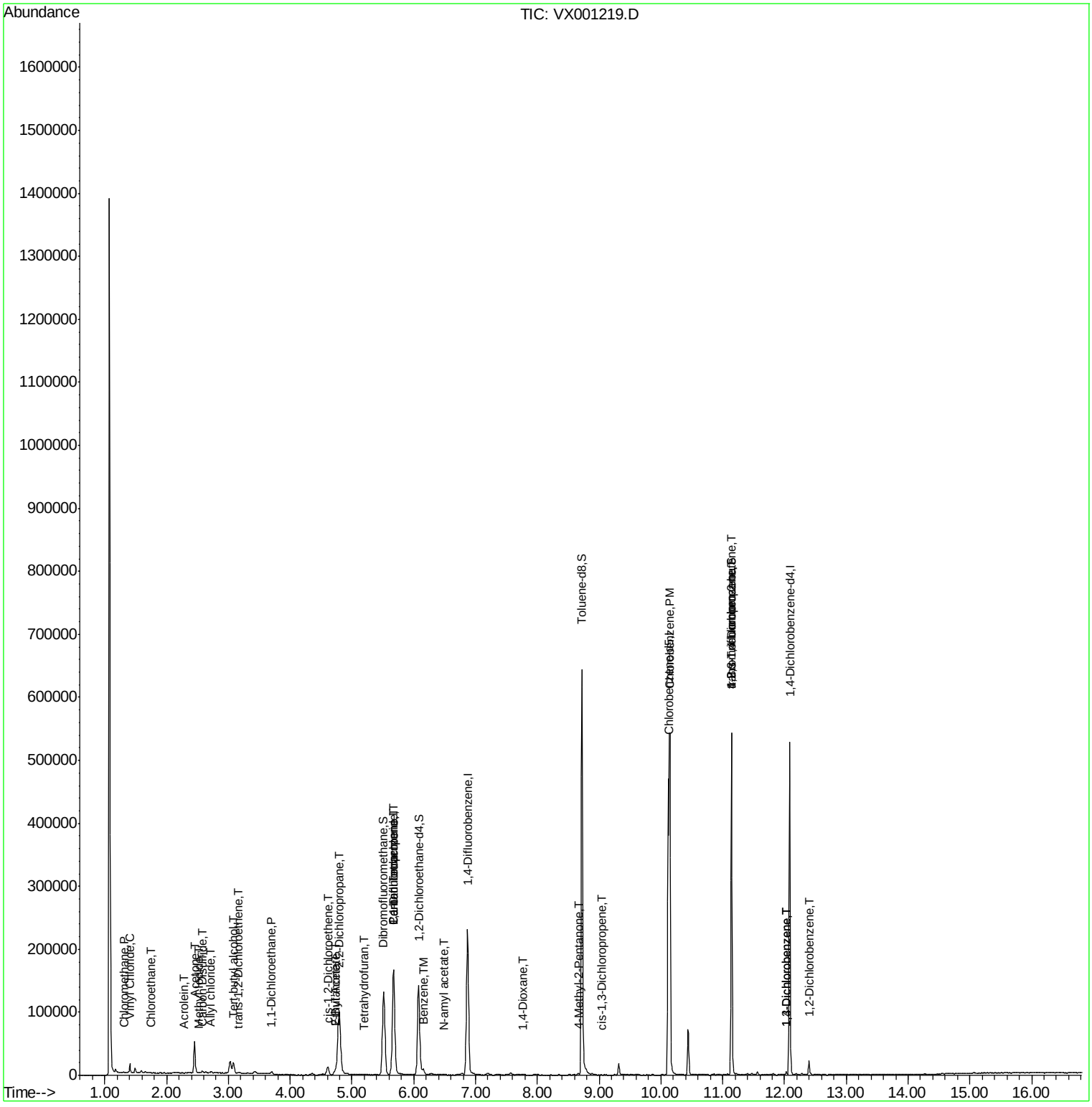
Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX042818\

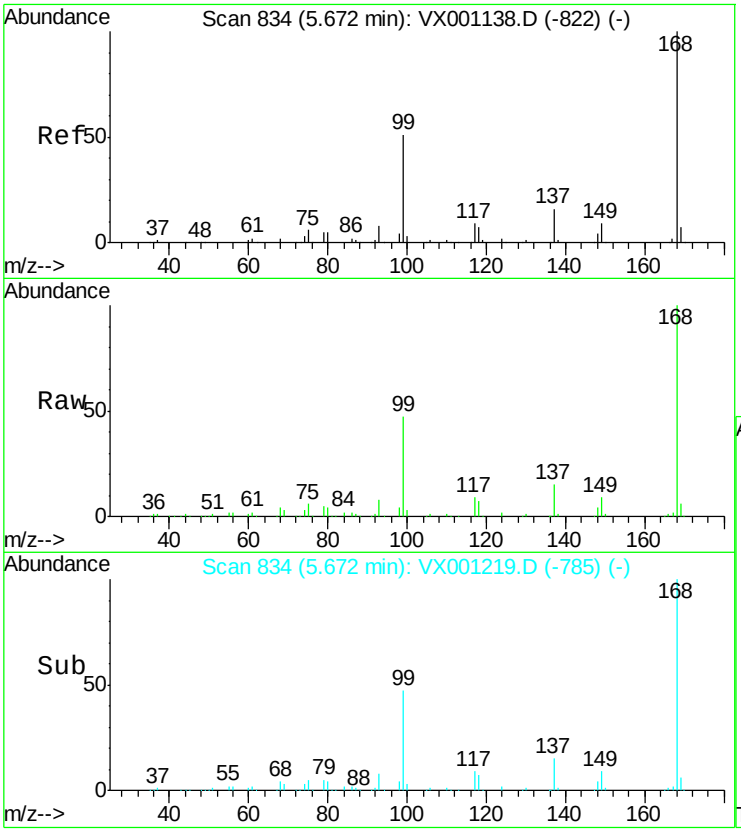
Quantitation Report (Not Reviewed)

Data File : VX001219.D
Acq On : 28 Apr 2018 17:39
Operator : JC/MD
Sample : J2547-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
WP022MW102-180423

Quant Time: Apr 30 01:32:57 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



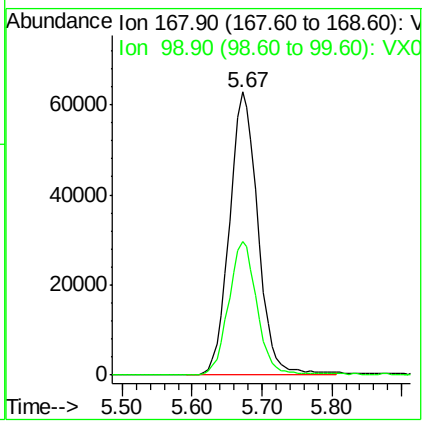


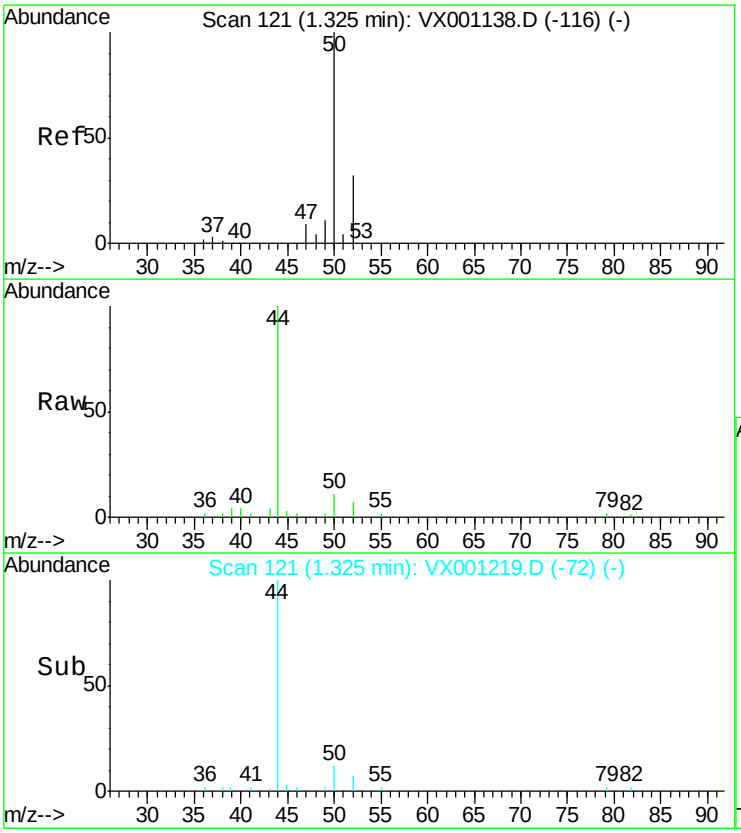
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.00 min
Lab File: VX001219.D
Acq: 28 Apr 2018 17:39

Instrument :
MSVOA_X
ClientSampleId :
WP022MW102-180423

Tgt Ion:168 Resp: 177510

Ion	Ratio	Lower	Upper
168	100		
99	47.2	40.6	60.8

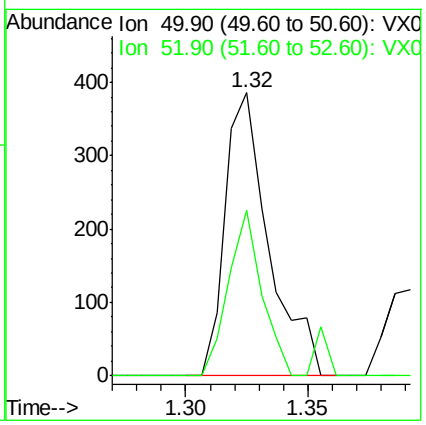


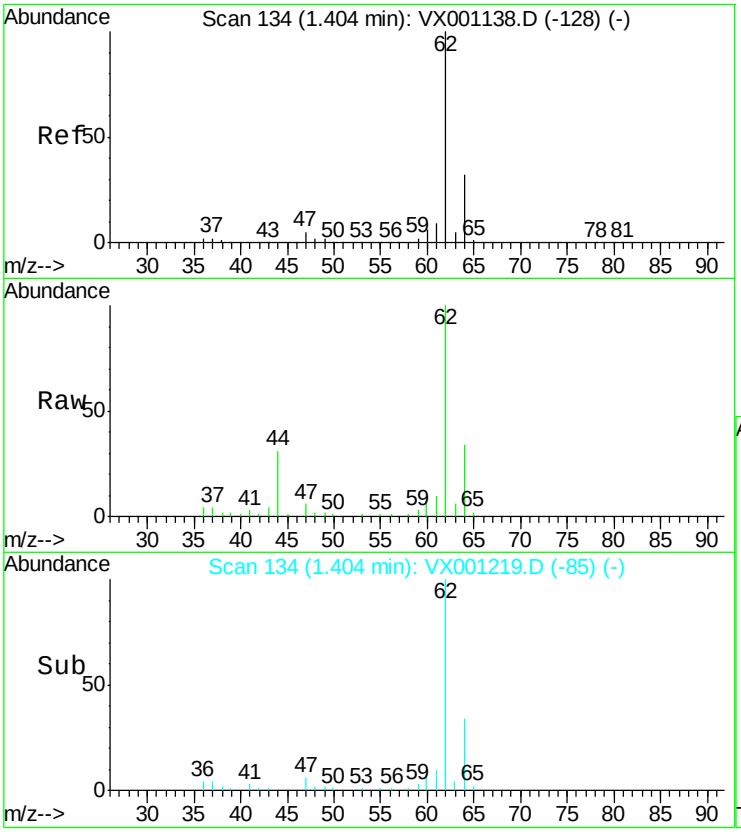


#3
Chloromethane
Concen: 0.24 ug/l
RT: 1.32 min Scan# 121
Delta R.T. -0.00 min
Lab File: VX001219.D
Acq: 28 Apr 2018 17:39

Tgt Ion: 50 Resp: 477

Ion	Ratio	Lower	Upper
50	100		
52	58.5	25.9	38.9#



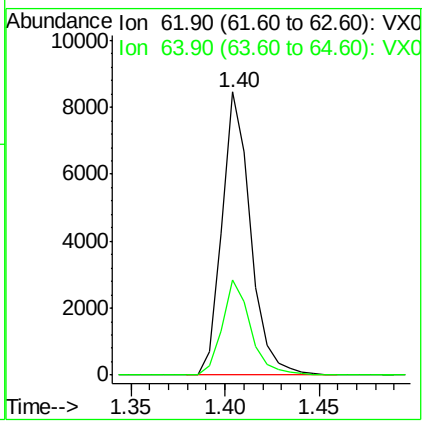


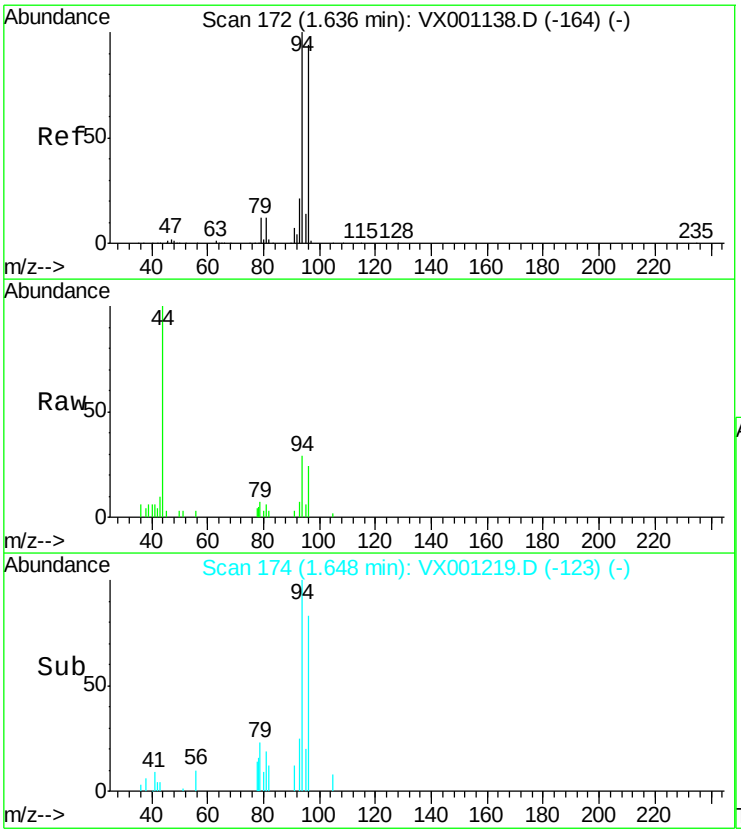
#4
Vinyl Chloride
Concen: 4.29 ug/l
RT: 1.40 min Scan# 134
Delta R.T. -0.00 min
Lab File: VX001219.D
Acq: 28 Apr 2018 17:39

Instrument :
MSVOA_X
ClientSampleId :
WP022MW102-180423

Tgt Ion: 62 Resp: 8883

Ion	Ratio	Lower	Upper
62	100		
64	33.8	25.6	38.4

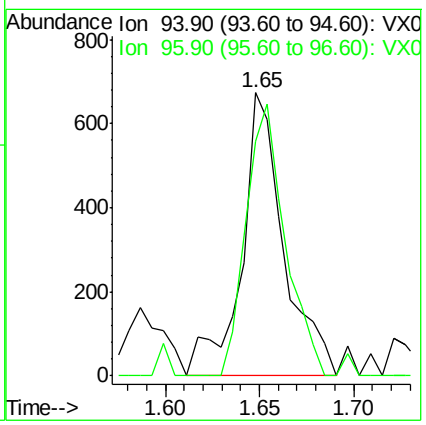


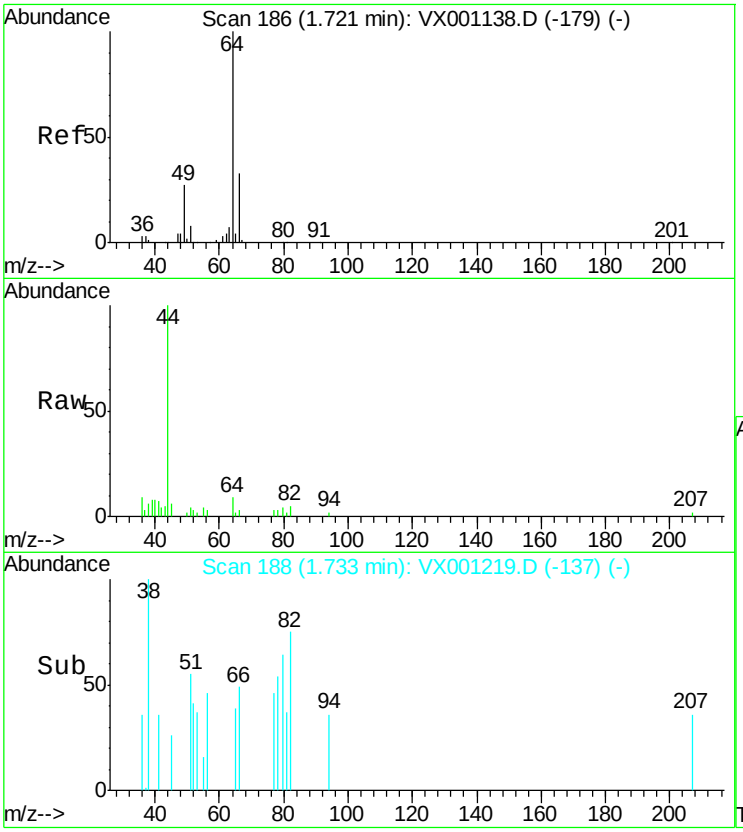


#5
Bromomethane
Concen: Below Cal
RT: 1.65 min Scan# 174
Delta R.T. 0.01 min
Lab File: VX001219.D
Acq: 28 Apr 2018 17:39

Tgt Ion: 94 Resp: 1046

Ion	Ratio	Lower	Upper
94	100		
96	82.9	75.3	112.9



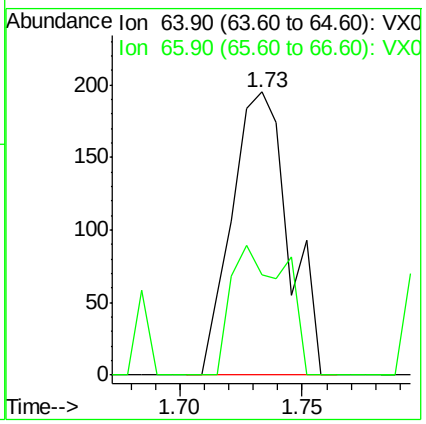


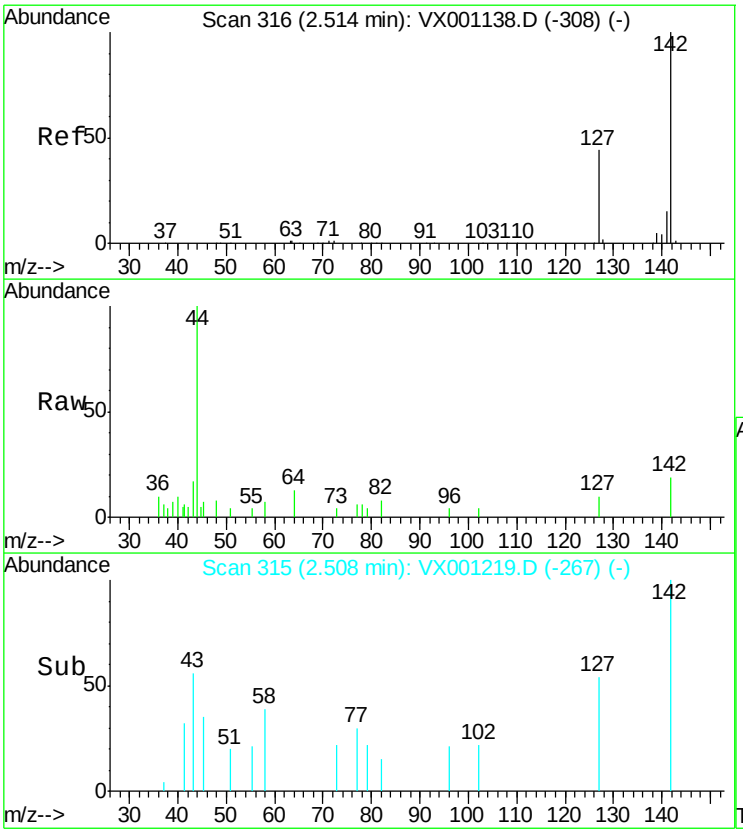
#6
Chloroethane
Concen: 0.24 ug/l
RT: 1.73 min Scan# 188
Delta R.T. 0.01 min
Lab File: VX001219.D
Acq: 28 Apr 2018 17:39

Instrument :
MSVOA_X
ClientSampleId :
WP022MW102-180423

Tgt Ion: 64 Resp: 316

Ion	Ratio	Lower	Upper
64	100		
66	35.4	26.1	39.1

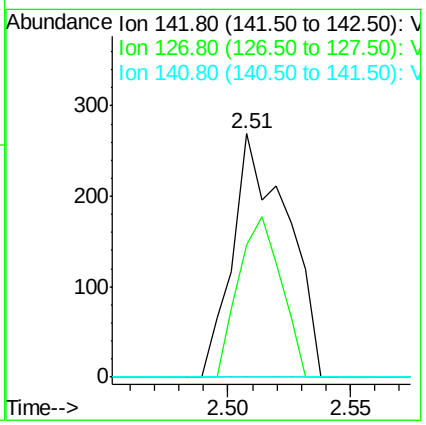


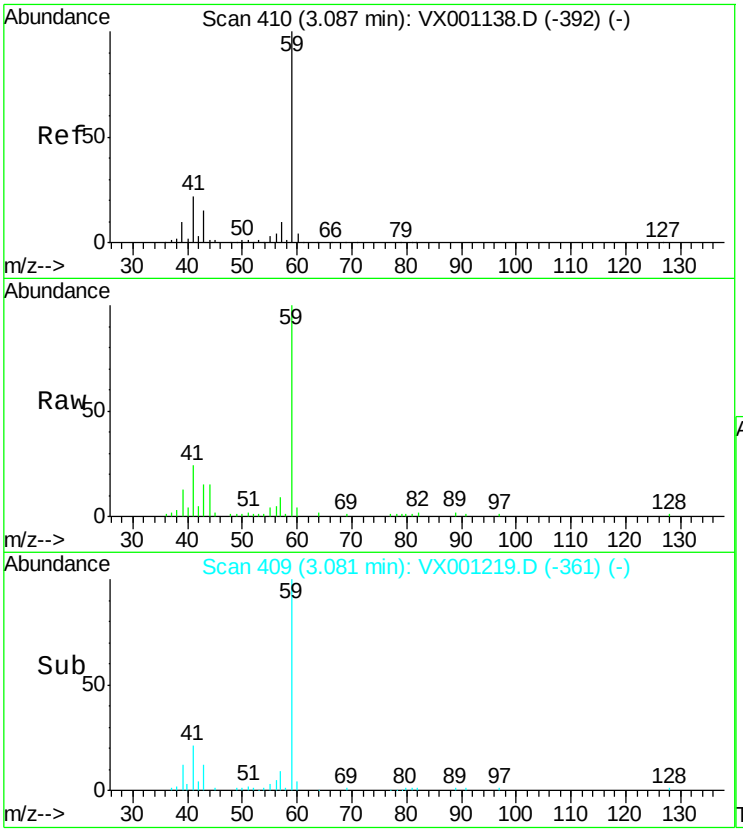


#10
Methyl Iodide
Concen: 7.43 ug/l
RT: 2.51 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX001219.D
Acq: 28 Apr 2018 17:39

Tgt Ion:142 Resp: 420

Ion	Ratio	Lower	Upper
142	100		
127	51.4	34.7	52.1
141	0.0	11.6	17.4#



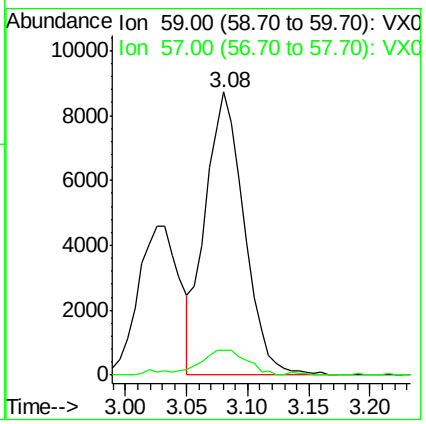


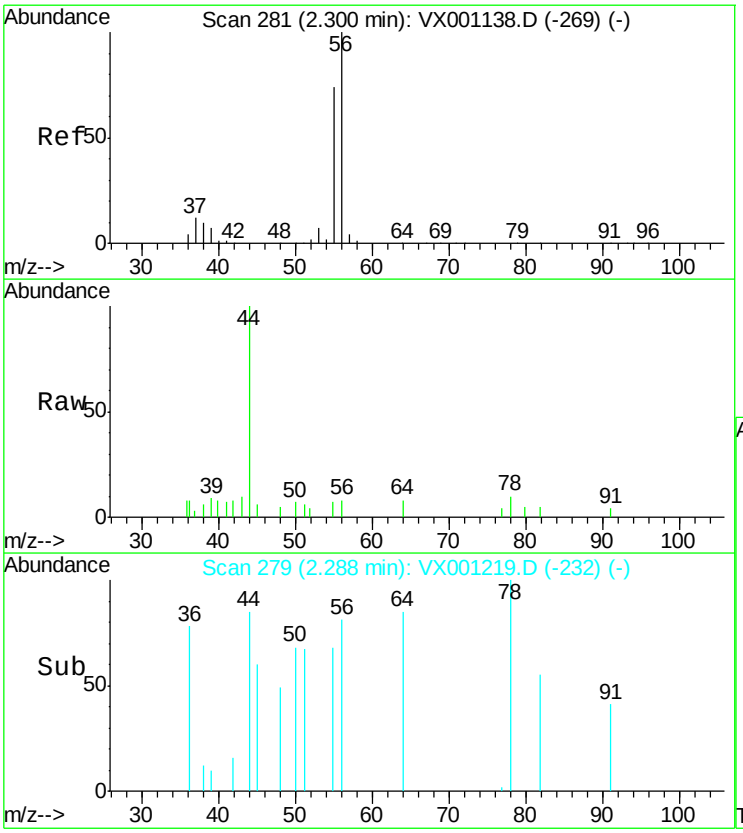
#11
Tert butyl alcohol
Concen: 35.71 ug/l
RT: 3.08 min Scan# 409
Delta R.T. -0.01 min
Lab File: VX001219.D
Acq: 28 Apr 2018 17:39

Instrument :
MSVOA_X
ClientSampleId :
WP022MW102-180423

Tgt Ion: 59 Resp: 19377

Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.2	12.4

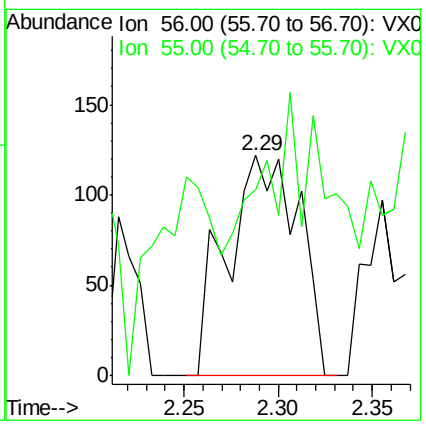


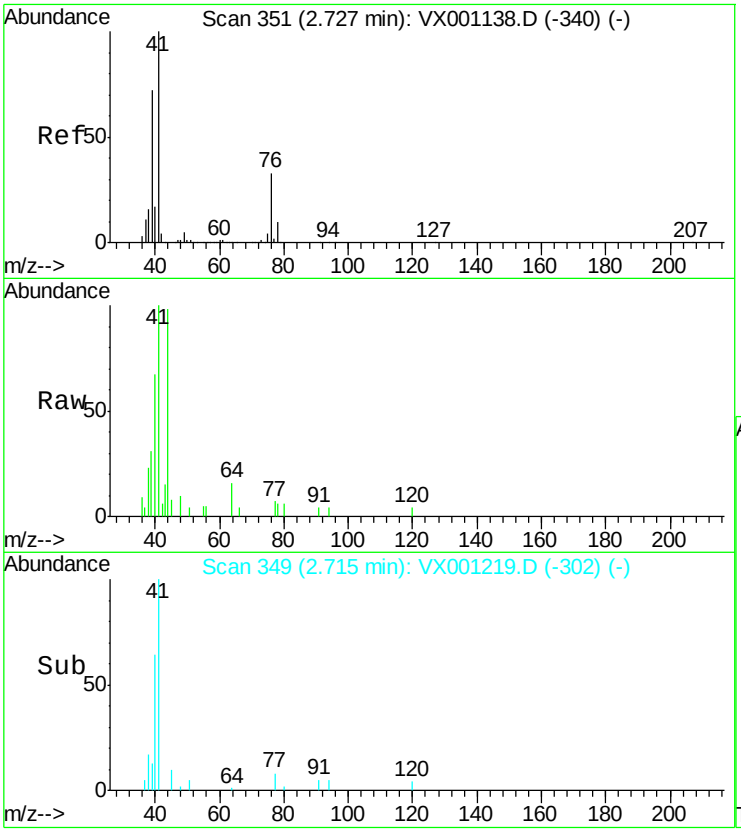


#13
Acrolein
Concen: 1.57 ug/l
RT: 2.29 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX001219.D
Acq: 28 Apr 2018 17:39

Tgt Ion: 56 Resp: 322

Ion	Ratio	Lower	Upper
56	100		
55	29.2	57.2	85.8#



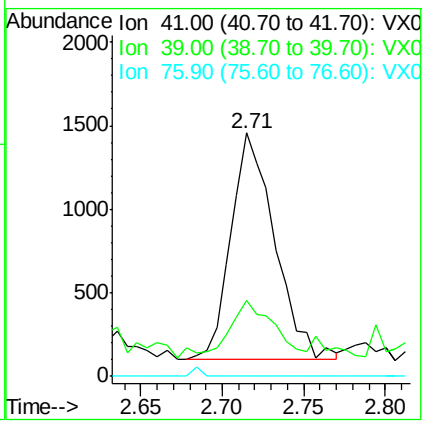


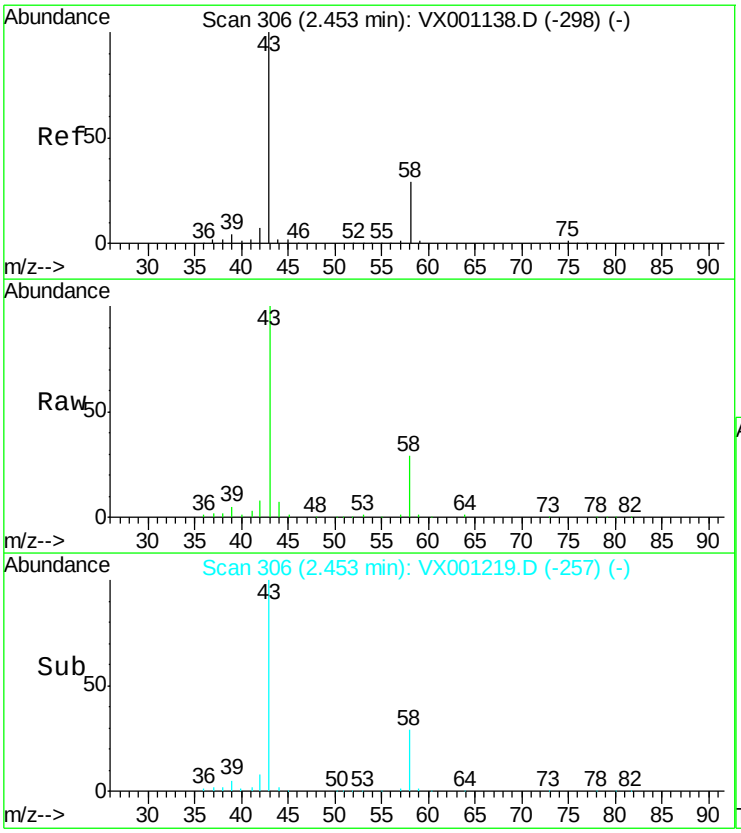
#14
Allyl chloride
Concen: 0.77 ug/l
RT: 2.71 min Scan# 349
Delta R.T. -0.01 min
Lab File: VX001219.D
Acq: 28 Apr 2018 17:39

Instrument :
MSVOA_X
ClientSampleId :
WP022MW102-180423

Tgt Ion: 41 Resp: 2517

Ion	Ratio	Lower	Upper
41	100		
39	22.2	55.6	83.4#
76	0.0	24.8	37.2#

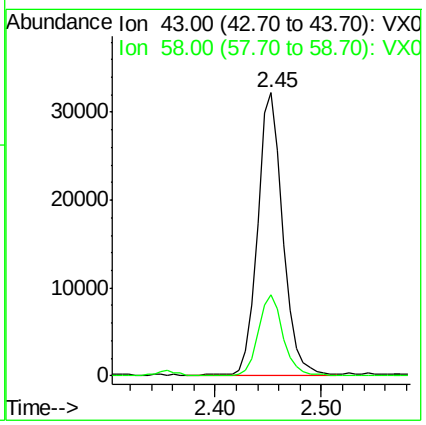


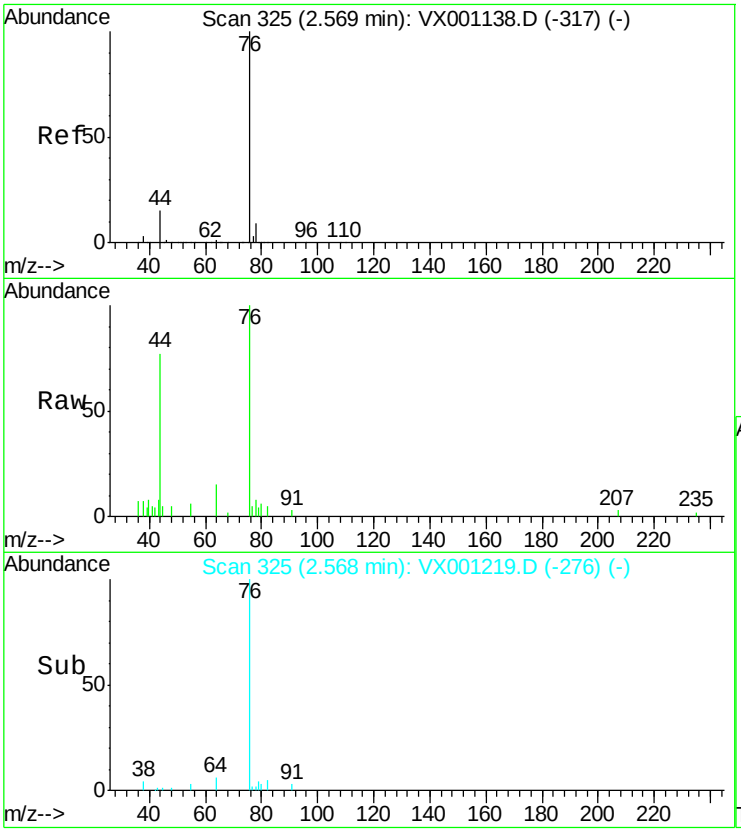


#16
Acetone
Concen: 46.82 ug/l
RT: 2.45 min Scan# 306
Delta R.T. -0.00 min
Lab File: VX001219.D
Acq: 28 Apr 2018 17:39

Tgt Ion: 43 Resp: 52979

Ion	Ratio	Lower	Upper
43	100		
58	28.5	23.0	34.6



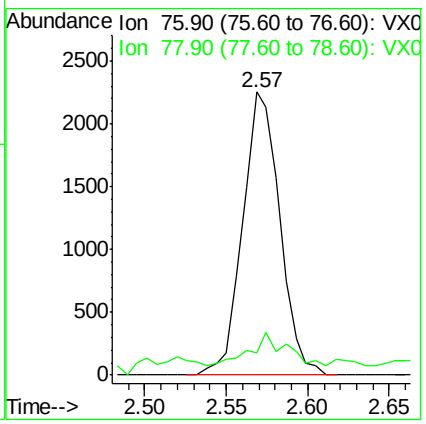


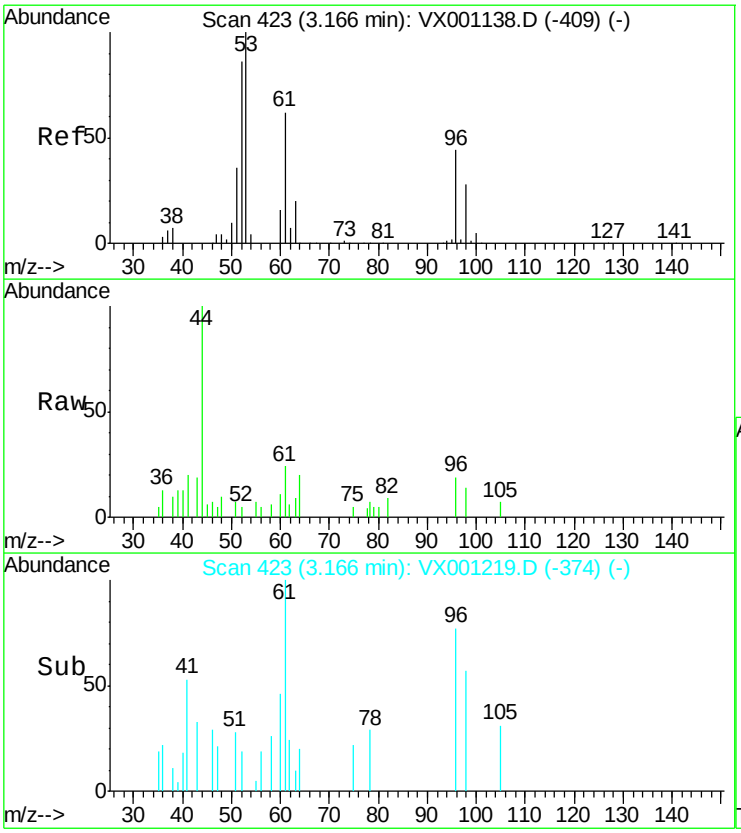
#17
Carbon Disulfide
Concen: 0.78 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX001219.D
Acq: 28 Apr 2018 17:39

Instrument :
MSVOA_X
ClientSampleId :
WP022MW102-180423

Tgt Ion: 76 Resp: 3578

Ion	Ratio	Lower	Upper
76	100		
78	2.8	7.3	10.9#

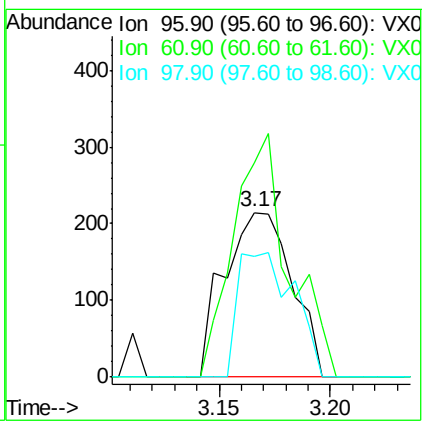


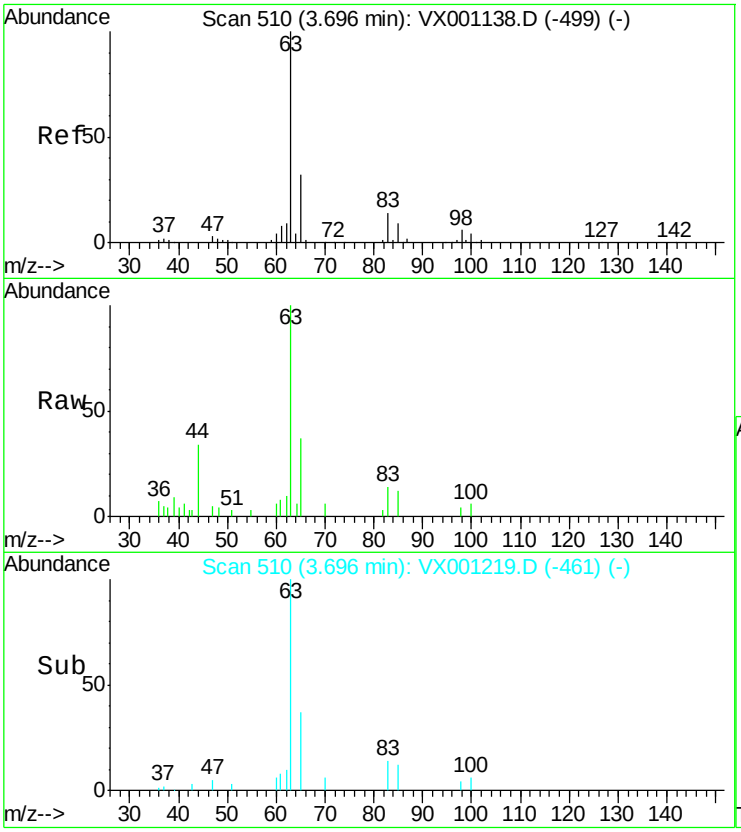


#21
trans-1,2-Dichloroethene
Concen: 0.23 ug/l
RT: 3.17 min Scan# 423
Delta R.T. -0.00 min
Lab File: VX001219.D
Acq: 28 Apr 2018 17:39

Tgt Ion: 96 Resp: 454

Ion	Ratio	Lower	Upper
96	100		
61	129.8	111.9	167.9
98	73.5	51.1	76.7



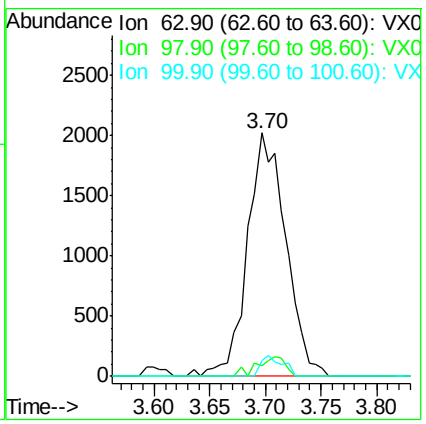


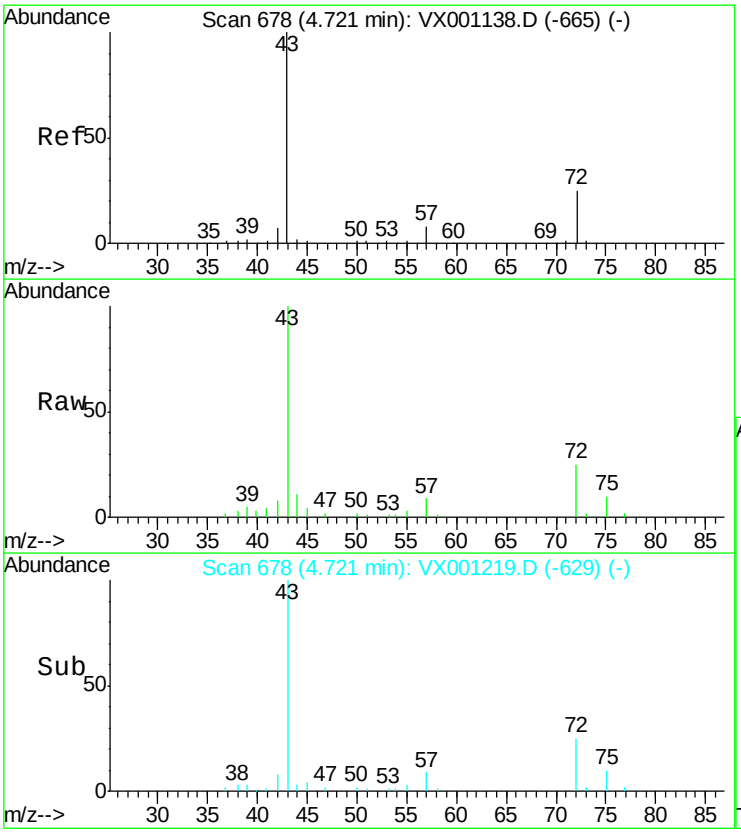
#24
1,1-Dichloroethane
Concen: 1.41 ug/l
RT: 3.70 min Scan# 510
Delta R.T. -0.00 min
Lab File: VX001219.D
Acq: 28 Apr 2018 17:39

Instrument :
MSVOA_X
ClientSampleId :
WP022MW102-180423

Tgt Ion: 63 Resp: 4868

Ion	Ratio	Lower	Upper
63	100		
98	4.5	3.1	9.4
100	6.3	2.1	6.5

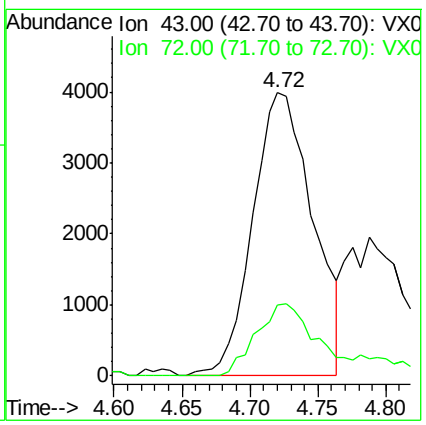


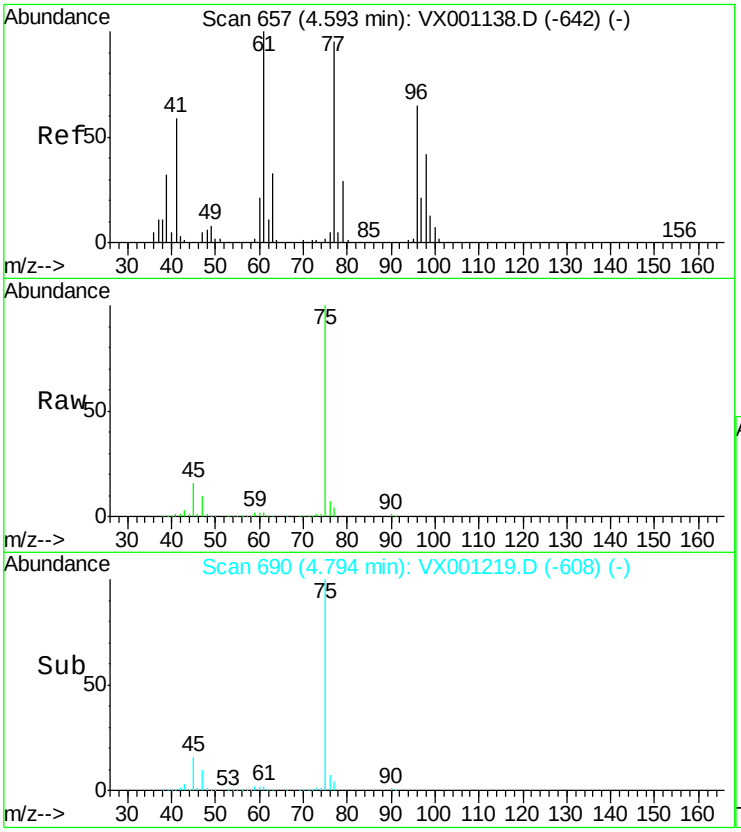


#25
2-Butanone
Concen: 7.28 ug/l
RT: 4.72 min Scan# 678
Delta R.T. -0.00 min
Lab File: VX001219.D
Acq: 28 Apr 2018 17:39

Tgt Ion: 43 Resp: 12328

Ion	Ratio	Lower	Upper
43	100		
72	25.1	20.0	30.0



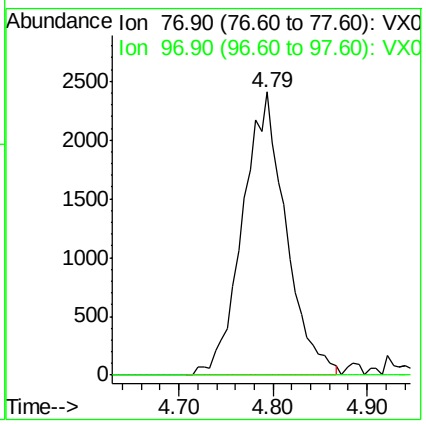


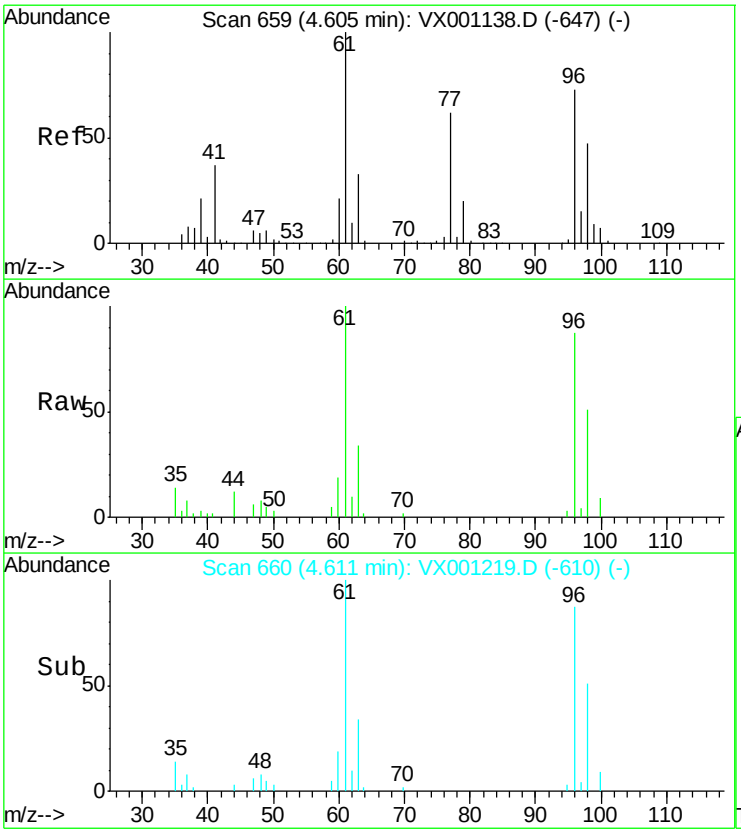
#26
2,2-Dichloropropane
Concen: 2.86 ug/l
RT: 4.79 min Scan# 690
Delta R.T. 0.20 min
Lab File: VX001219.D
Acq: 28 Apr 2018 17:39

Instrument :
MSVOA_X
ClientSampleId :
WP022MW102-180423

Tgt Ion: 77 Resp: 7753

Ion	Ratio	Lower	Upper
77	100		
97	0.0	11.4	34.2#

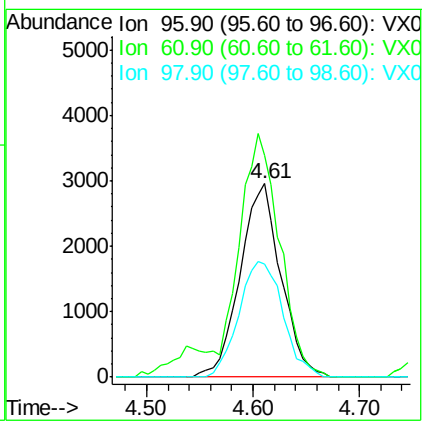


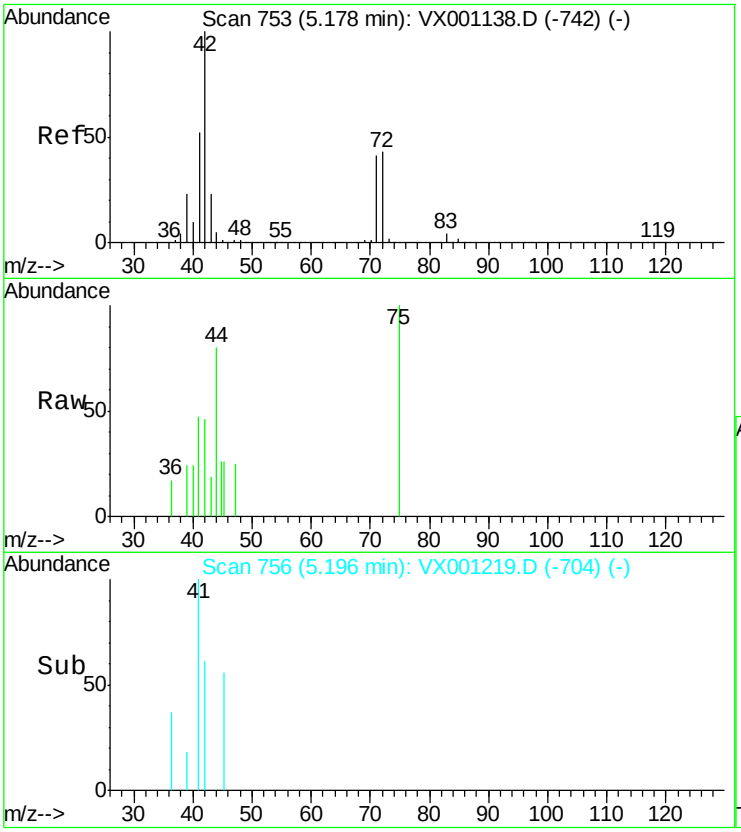


#27
cis-1,2-Dichloroethene
Concen: 3.66 ug/l
RT: 4.61 min Scan# 660
Delta R.T. 0.01 min
Lab File: VX001219.D
Acq: 28 Apr 2018 17:39

Tgt Ion: 96 Resp: 7962

Ion	Ratio	Lower	Upper
96	100		
61	125.9	0.0	289.0
98	64.3	0.0	128.2



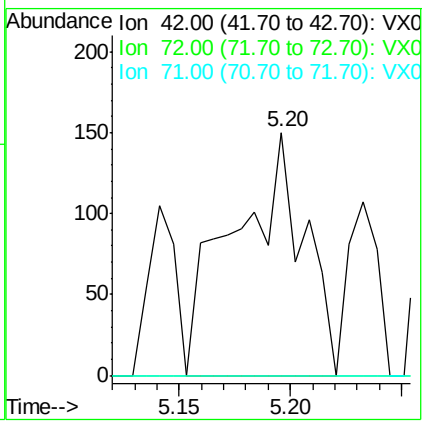


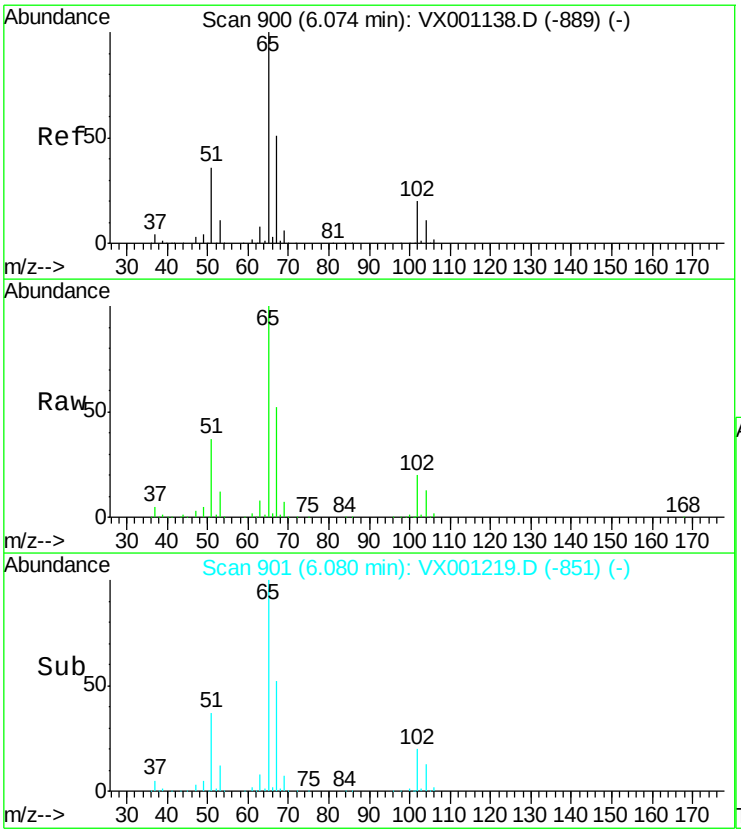
#29
Tetrahydrofuran
Concen: 0.30 ug/l
RT: 5.20 min Scan# 756
Delta R.T. 0.02 min
Lab File: VX001219.D
Acq: 28 Apr 2018 17:39

Instrument :
MSVOA_X
ClientSampleId :
WP022MW102-180423

Tgt Ion: 42 Resp: 331

Ion	Ratio	Lower	Upper
42	100		
72	0.0	34.4	51.6#
71	0.0	32.1	48.1#

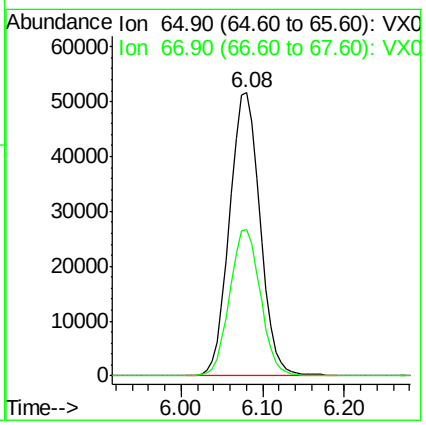


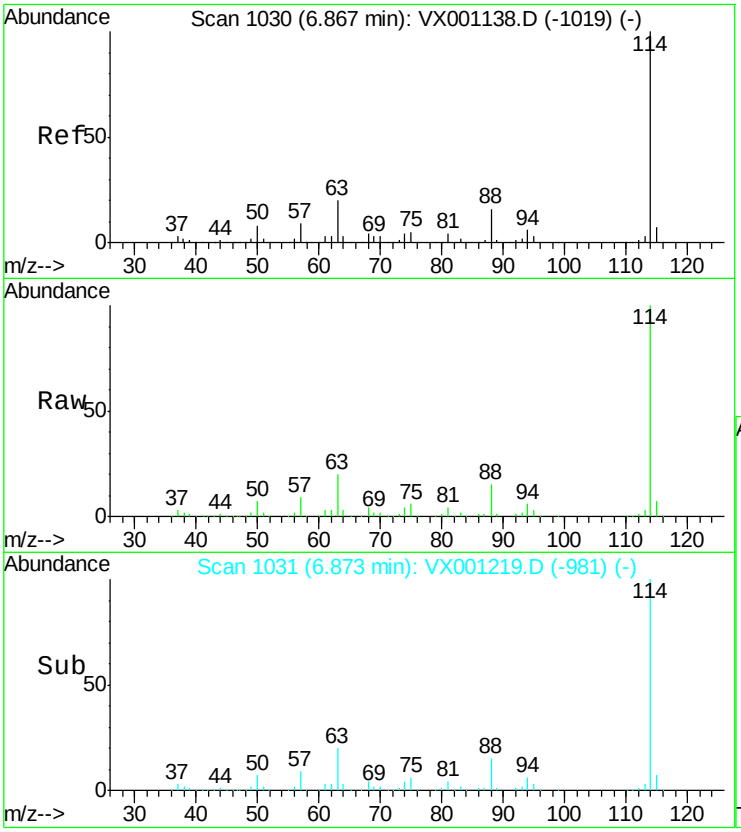


#33
1,2-Dichloroethane-d4
Concen: 48.64 ug/l
RT: 6.08 min Scan# 901
Delta R.T. 0.01 min
Lab File: VX001219.D
Acq: 28 Apr 2018 17:39

Tgt Ion: 65 Resp: 133839

Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	102.2



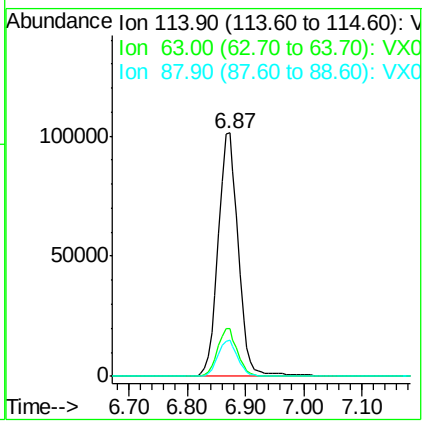


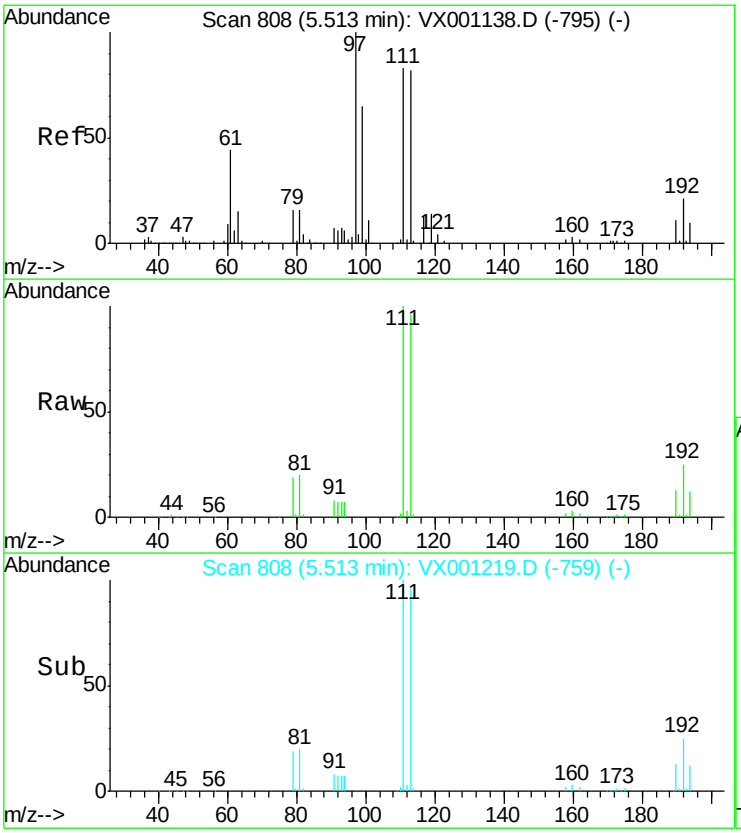
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VX001219.D
Acq: 28 Apr 2018 17:39

Instrument :
MSVOA_X
ClientSampleId :
WP022MW102-180423

Tgt Ion:114 Resp: 243194

Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	40.4
88	14.8	0.0	31.8

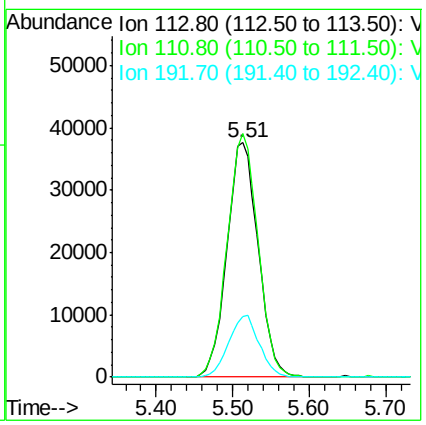


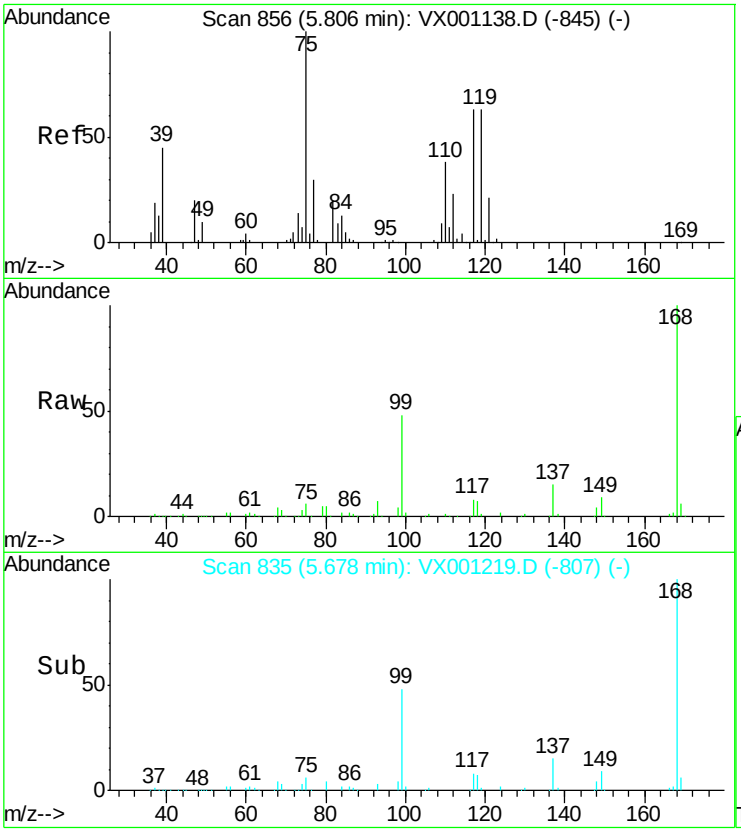


#35
Dibromofluoromethane
Concen: 52.83 ug/l
RT: 5.51 min Scan# 808
Delta R.T. -0.00 min
Lab File: VX001219.D
Acq: 28 Apr 2018 17:39

Tgt Ion:113 Resp: 106349

Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.2	123.4
192	26.0	20.6	30.8



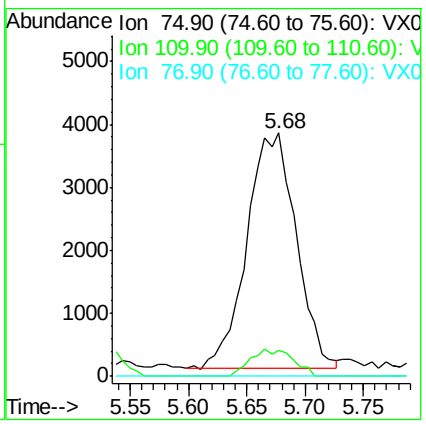


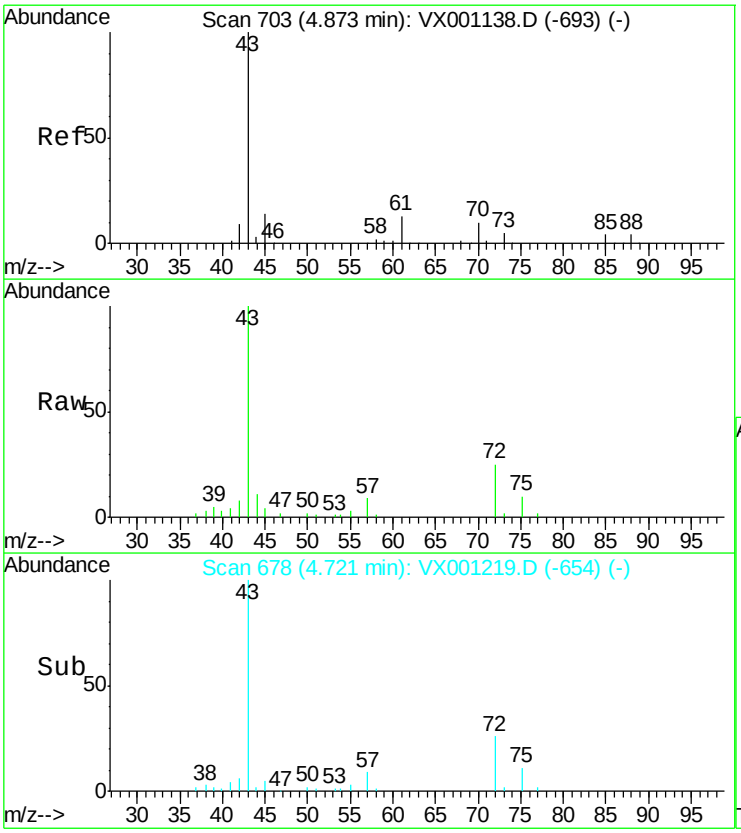
#36
1,1-Dichloropropene
Concen: 4.12 ug/l
RT: 5.68 min Scan# 835
Delta R.T. -0.13 min
Lab File: VX001219.D
Acq: 28 Apr 2018 17:39

Instrument :
MSVOA_X
ClientSampleId :
WP022MW102-180423

Tgt Ion: 75 Resp: 11034

Ion	Ratio	Lower	Upper
75	100		
110	9.9	19.0	57.0#
77	0.0	24.8	37.2#

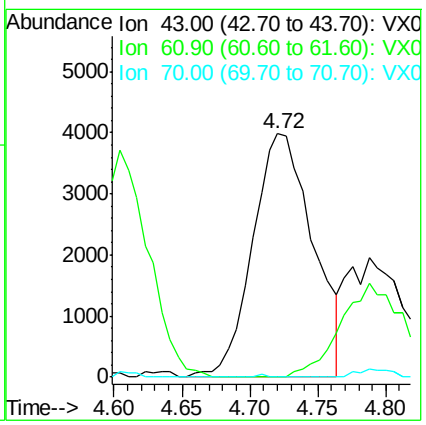


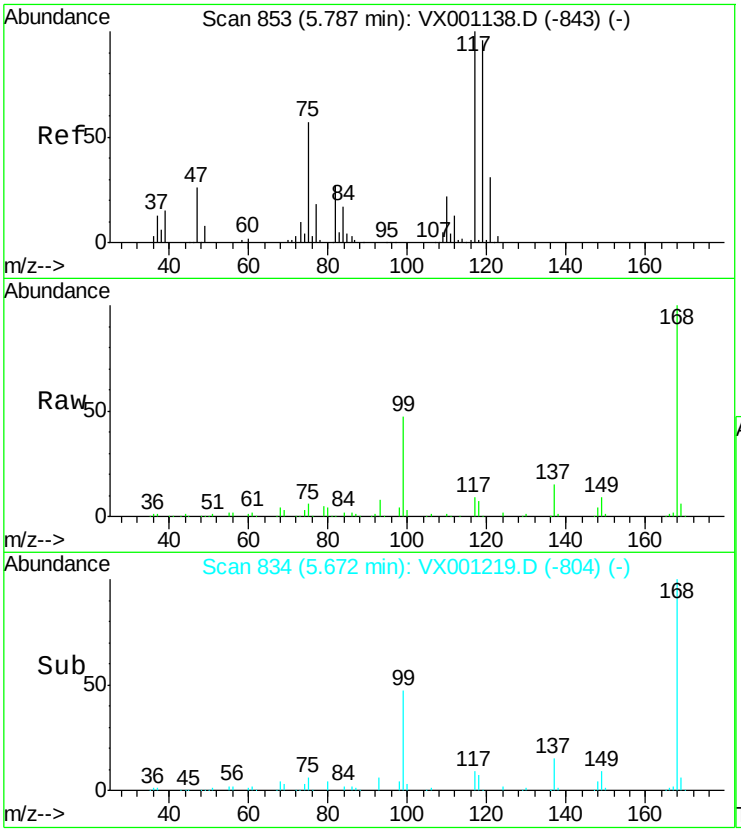


#37
Ethyl Acetate
Concen: 3.84 ug/l
RT: 4.72 min Scan# 678
Delta R.T. -0.15 min
Lab File: VX001219.D
Acq: 28 Apr 2018 17:39

Tgt Ion: 43 Resp: 12328

Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.0	16.6#
70	0.2	8.2	12.2#



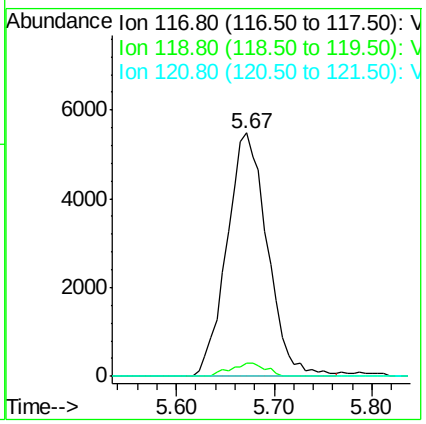


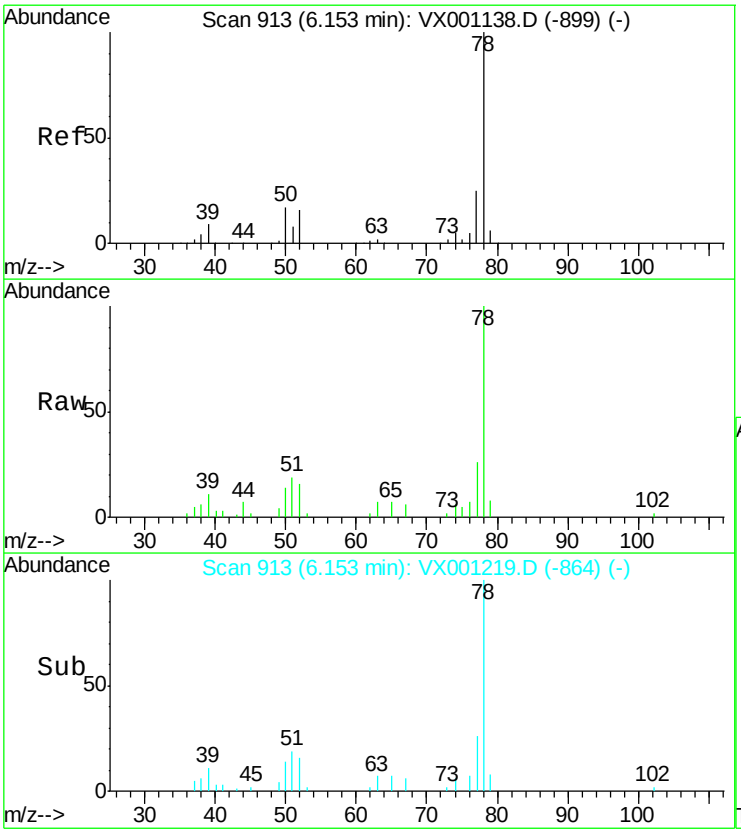
#38
Carbon Tetrachloride
Concen: 5.74 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.12 min
Lab File: VX001219.D
Acq: 28 Apr 2018 17:39

Instrument :
MSVOA_X
ClientSampleId :
WP022MW102-180423

Tgt Ion:117 Resp: 15764

Ion	Ratio	Lower	Upper
117	100		
119	5.5	76.5	114.7#
121	0.0	24.6	37.0#

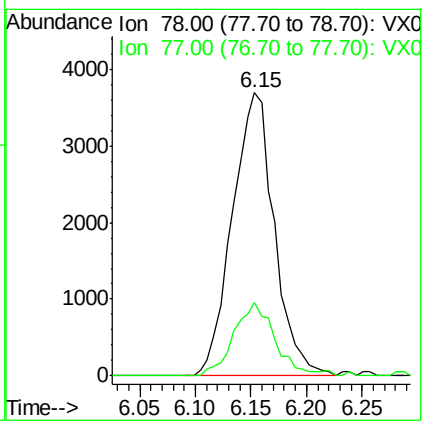


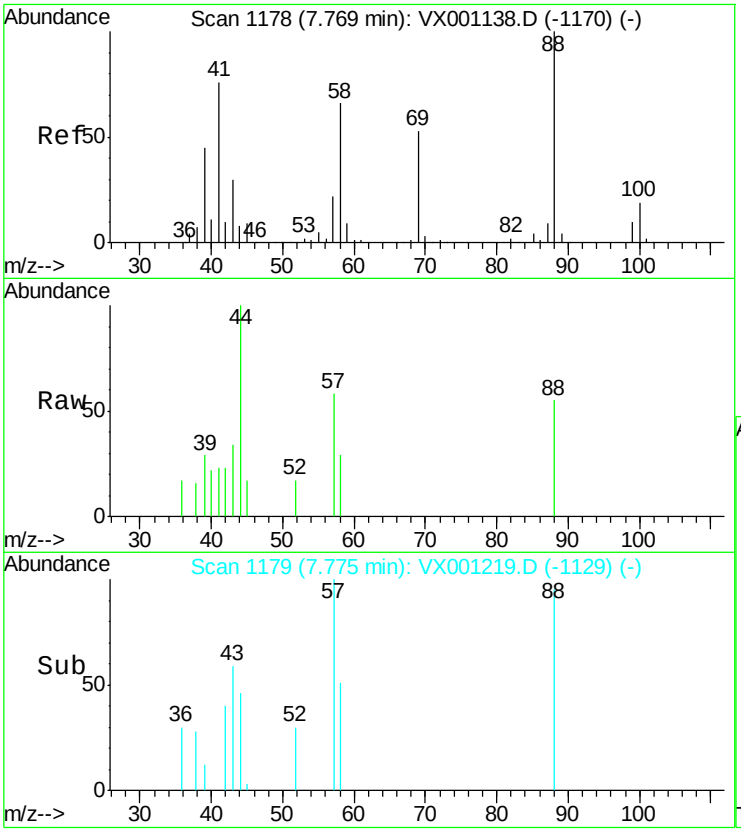


#40
Benzene
Concen: 1.25 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX001219.D
Acq: 28 Apr 2018 17:39

Tgt Ion: 78 Resp: 9663

Ion	Ratio	Lower	Upper
78	100		
77	26.0	19.7	29.5



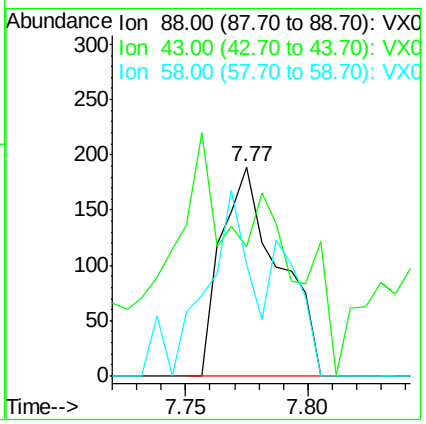


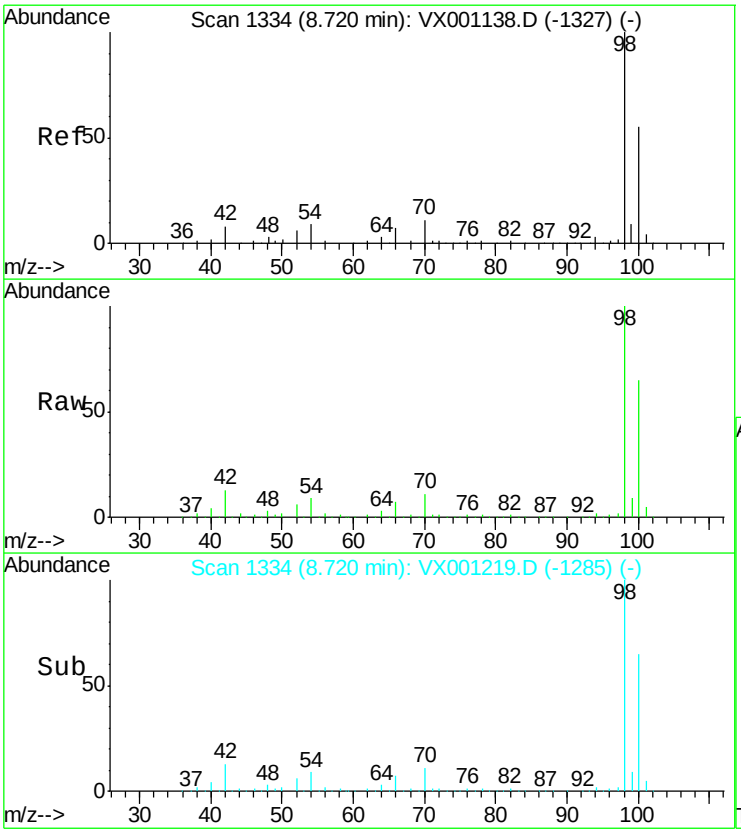
#49
1,4-Dioxane
Concen: 5.76 ug/l
RT: 7.77 min Scan# 1179
Delta R.T. 0.01 min
Lab File: VX001219.D
Acq: 28 Apr 2018 17:39

Instrument :
MSVOA_X
ClientSampleId :
WP022MW102-180423

Tgt Ion: 88 Resp: 309

Ion	Ratio	Lower	Upper
88	100		
43	61.8	27.3	40.9#
58	70.9	54.2	81.4

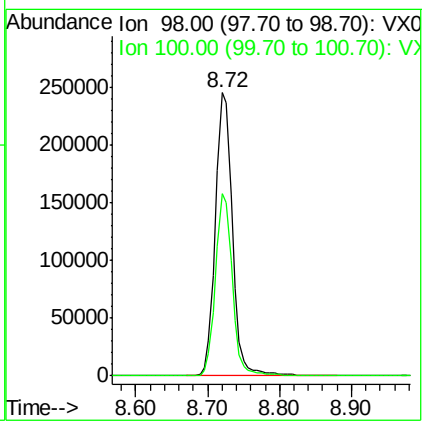


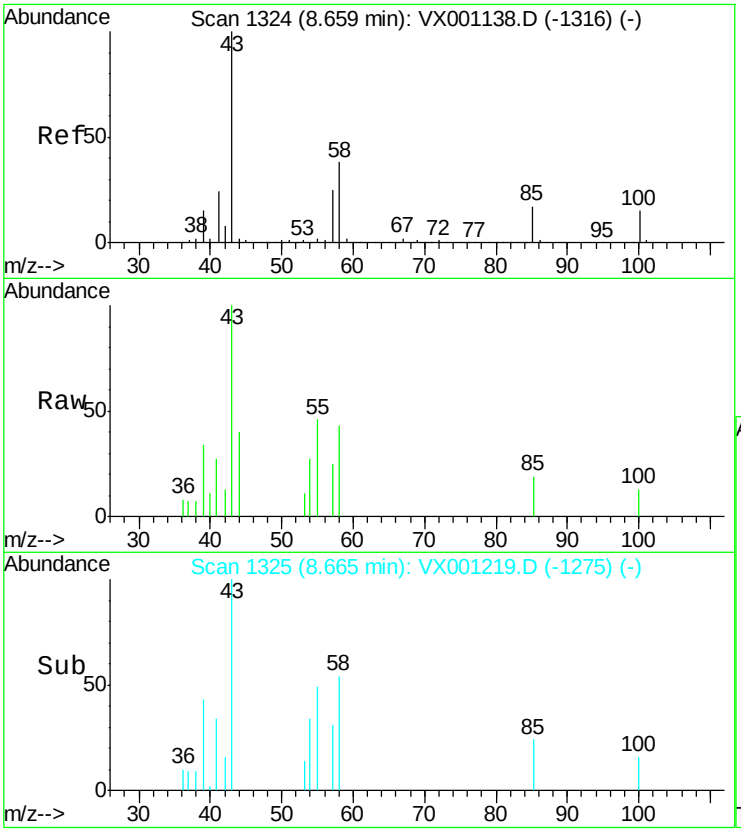


#50
Toluene-d8
Concen: 52.91 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX001219.D
Acq: 28 Apr 2018 17:39

Tgt Ion: 98 Resp: 401897

Ion	Ratio	Lower	Upper
98	100		
100	63.8	51.8	77.6



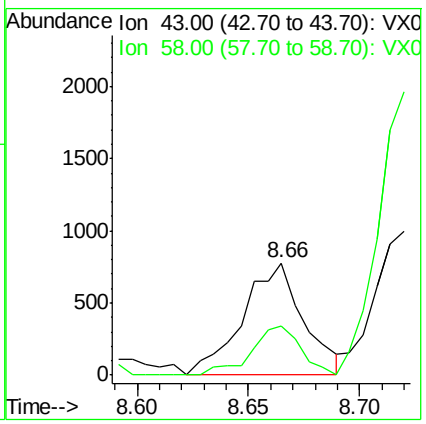


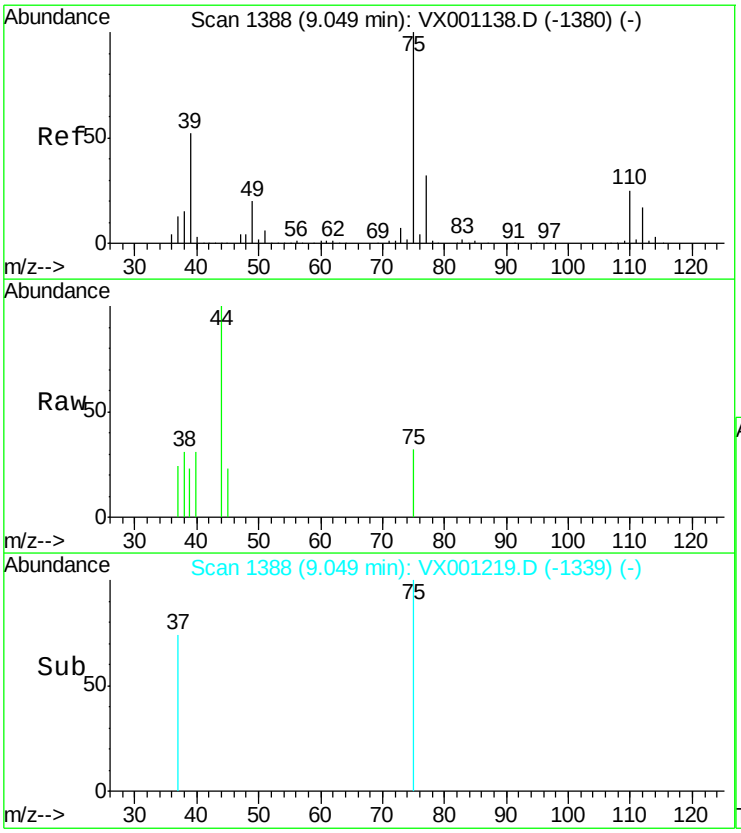
#51
4-Methyl-2-Pentanone
Concen: 0.44 ug/l
RT: 8.66 min Scan# 1325
Delta R.T. 0.01 min
Lab File: VX001219.D
Acq: 28 Apr 2018 17:39

Instrument :
MSVOA_X
ClientSampleId :
WP022MW102-180423

Tgt Ion: 43 Resp: 1472

Ion	Ratio	Lower	Upper
43	100		
58	35.5	30.2	45.2

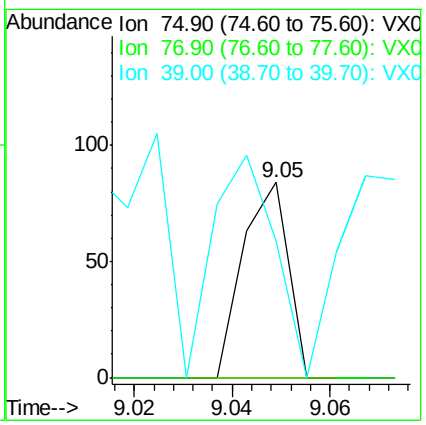


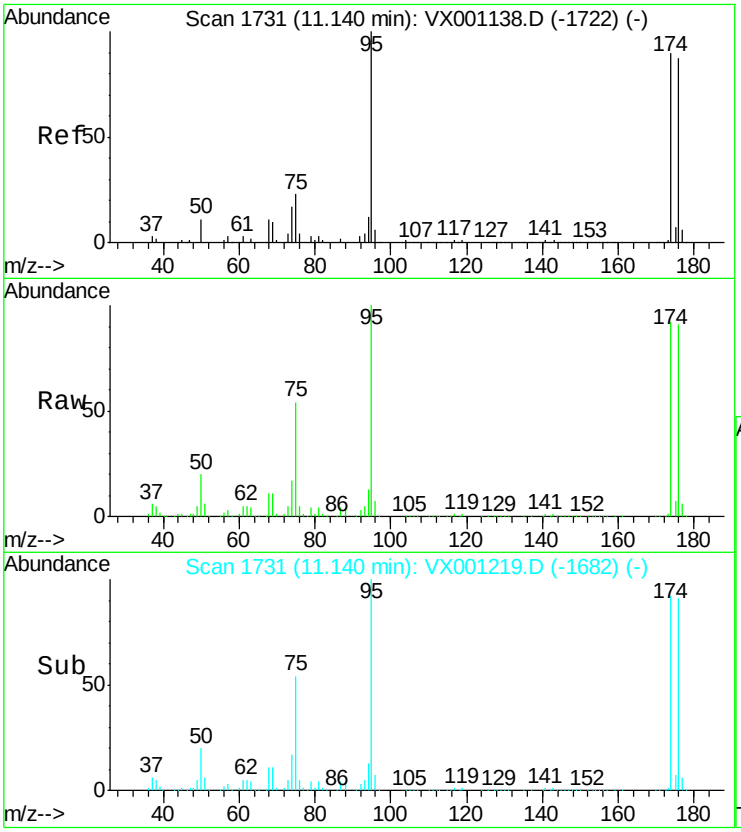


#54
cis-1,3-Dichloropropene
Concen: 3.20 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. 0.00 min
Lab File: VX001219.D
Acq: 28 Apr 2018 17:39

Tgt Ion: 75 Resp: 54

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.4	38.2#
39	70.2	42.0	63.0#



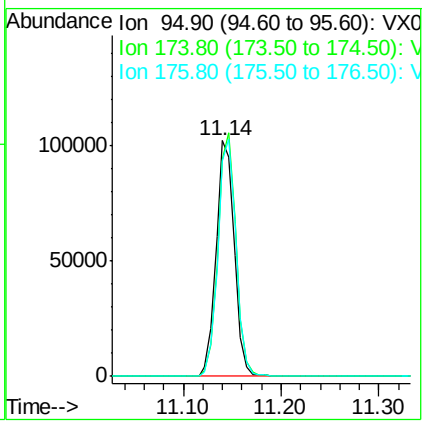


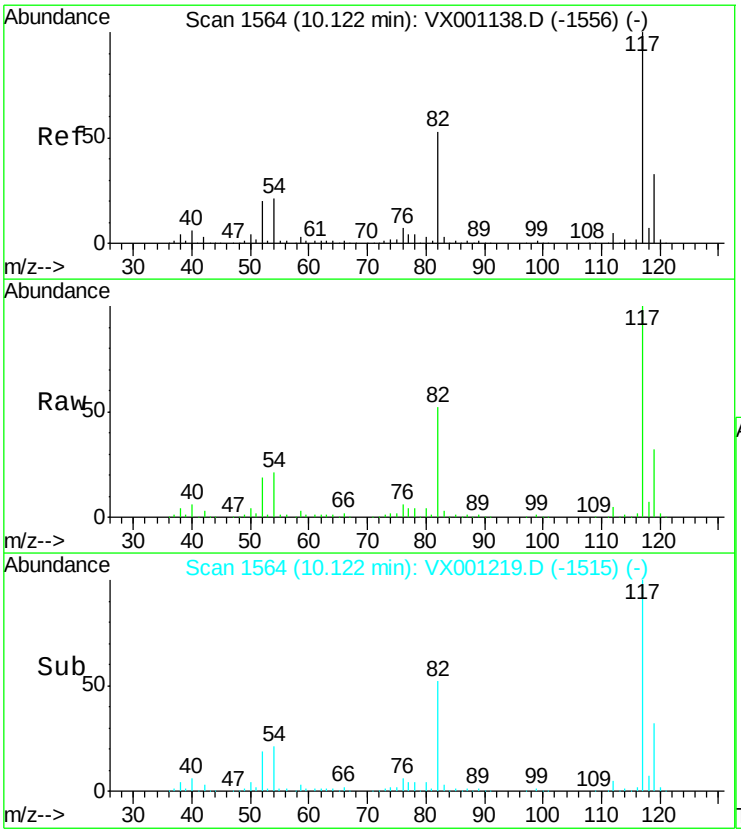
#62
4-Bromofluorobenzene
Concen: 44.35 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX001219.D
Acq: 28 Apr 2018 17:39

Instrument :
MSVOA_X
ClientSampleId :
WP022MW102-180423

Tgt Ion: 95 Resp: 131618

Ion	Ratio	Lower	Upper
95	100		
174	102.2	0.0	194.4
176	100.0	0.0	190.2

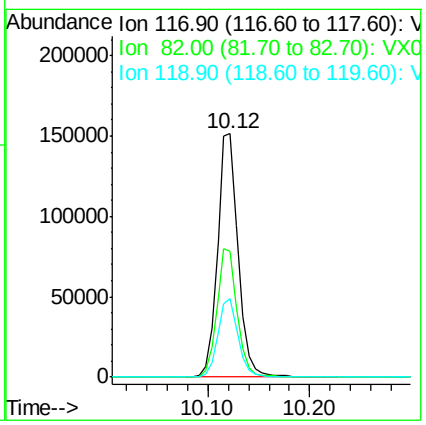


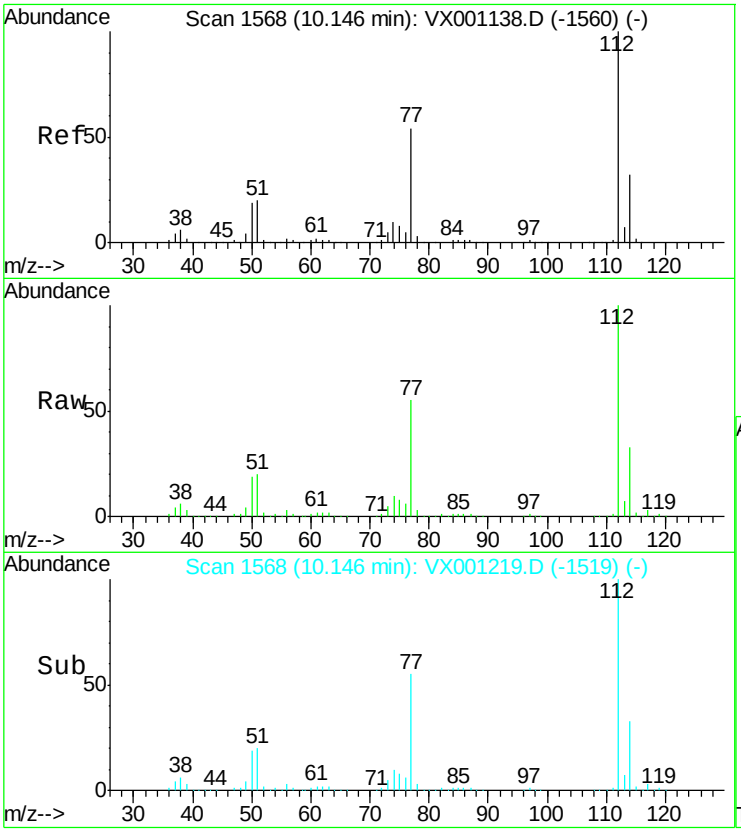


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX001219.D
Acq: 28 Apr 2018 17:39

Tgt Ion:117 Resp: 213485

Ion	Ratio	Lower	Upper
117	100		
82	51.7	42.1	63.1
119	32.0	26.1	39.1



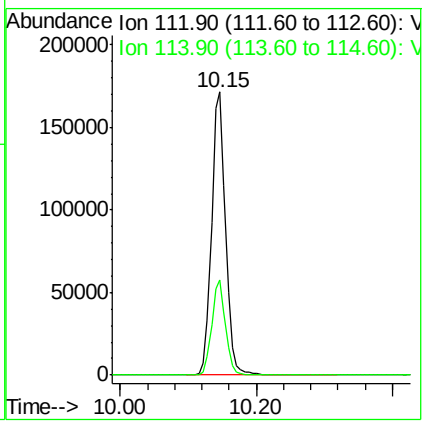


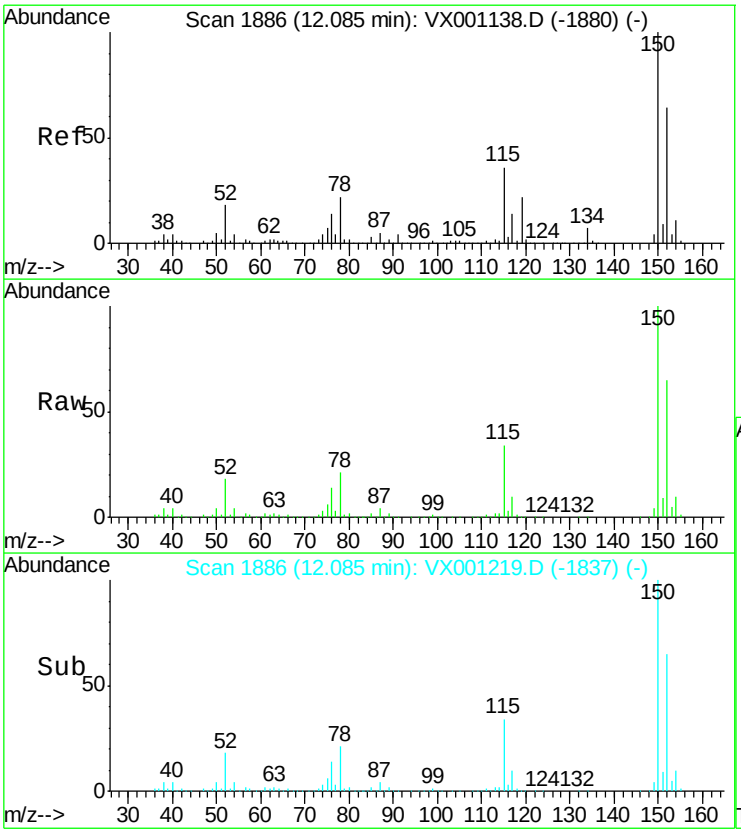
#65
Chlorobenzene
Concen: 43.58 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX001219.D
Acq: 28 Apr 2018 17:39

Instrument :
MSVOA_X
ClientSampleId :
WP022MW102-180423

Tgt Ion:112 Resp: 243770

Ion	Ratio	Lower	Upper
112	100		
114	33.5	25.7	38.5

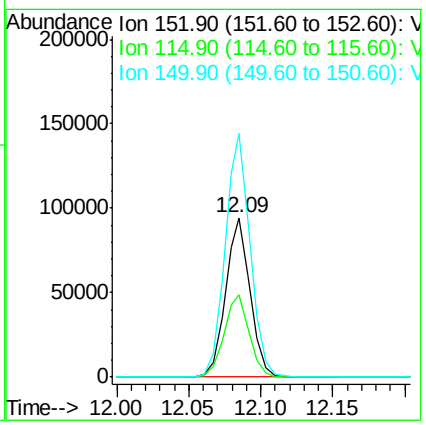


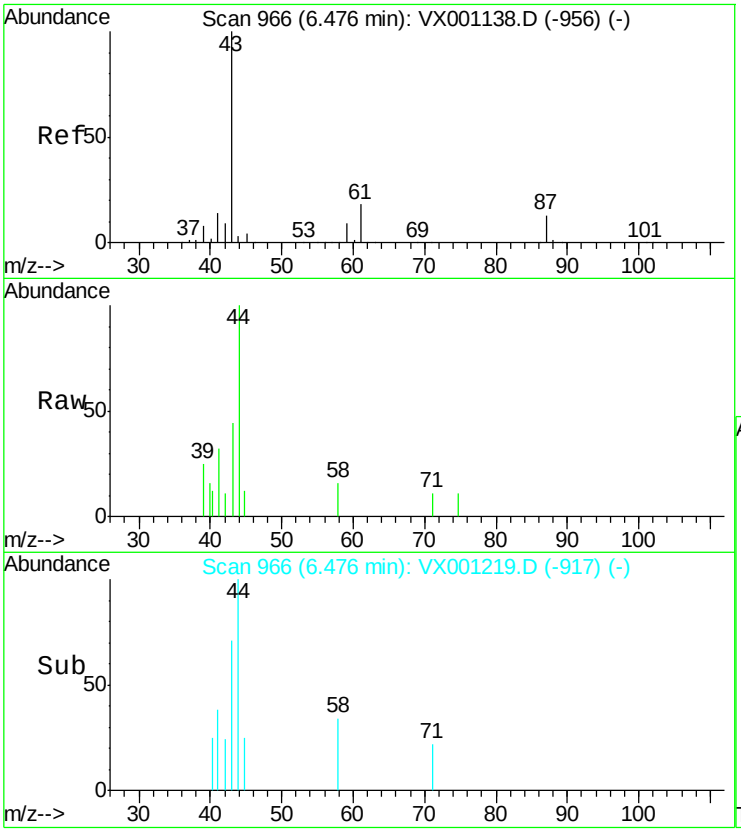


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX001219.D
Acq: 28 Apr 2018 17:39

Tgt Ion:152 Resp: 112162

Ion	Ratio	Lower	Upper
152	100		
115	52.9	38.0	114.0
150	156.3	0.0	349.6



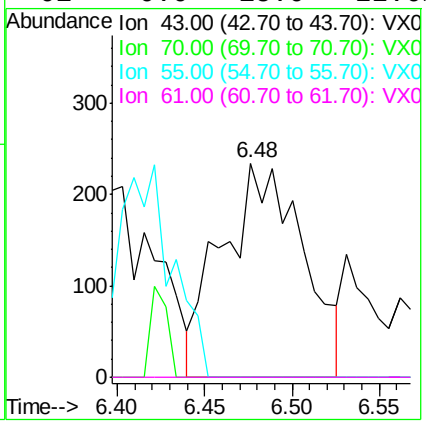


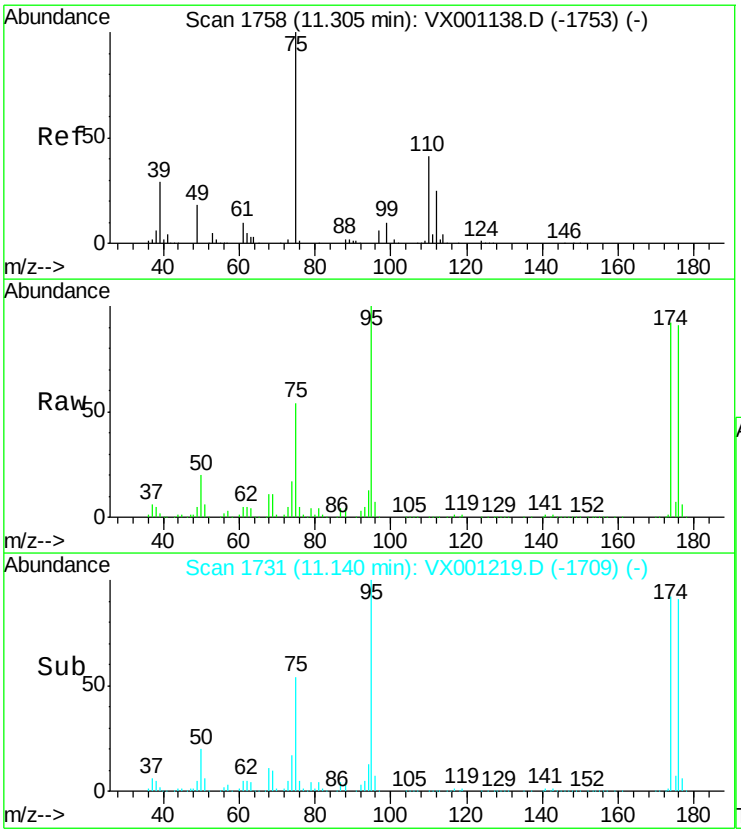
#74
N-amyl acetate
Concen: 0.20 ug/l
RT: 6.48 min Scan# 966
Delta R.T. -0.00 min
Lab File: VX001219.D
Acq: 28 Apr 2018 17:39

Instrument :
MSVOA_X
ClientSampleId :
WP022MW102-180423

Tgt Ion: 43 Resp: 753

Ion	Ratio	Lower	Upper
43	100		
70	0.0	0.0	0.0
55	0.0	0.0	0.0
61	0.0	15.0	22.6#

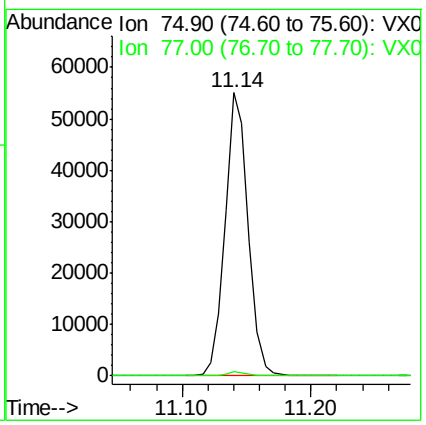


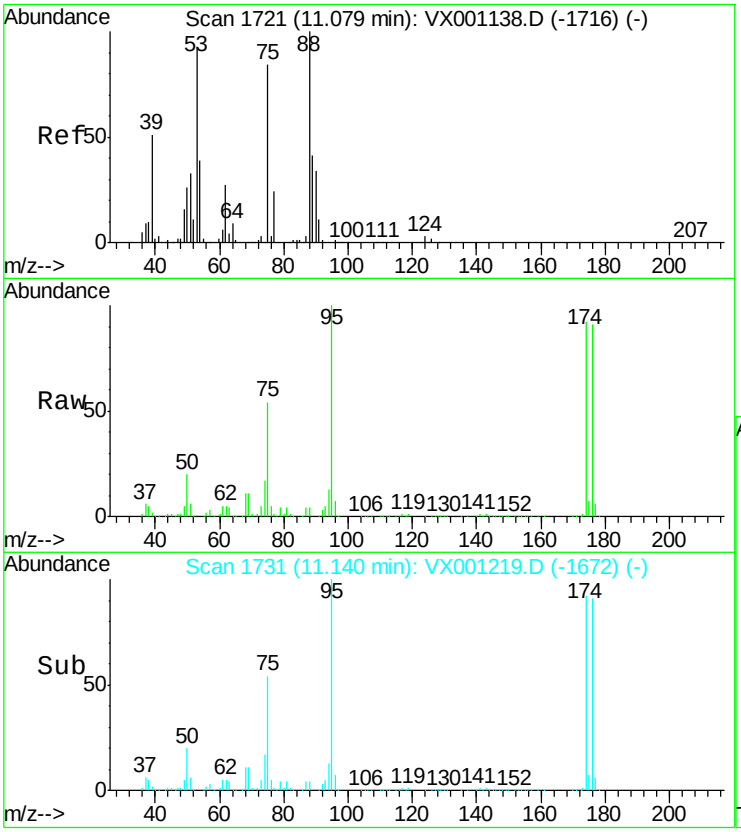


#76
1,2,3-Trichloropropane
Concen: 30.37 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX001219.D
Acq: 28 Apr 2018 17:39

Tgt Ion: 75 Resp: 69363

Ion	Ratio	Lower	Upper
75	100		
77	1.4	18.9	56.9#



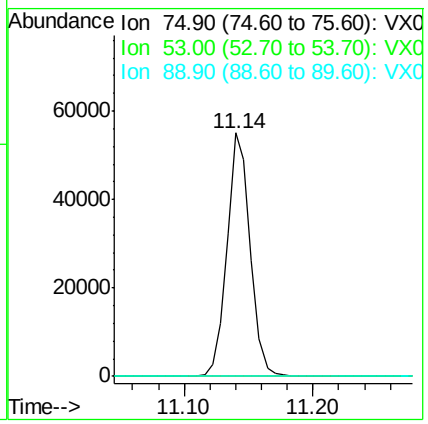


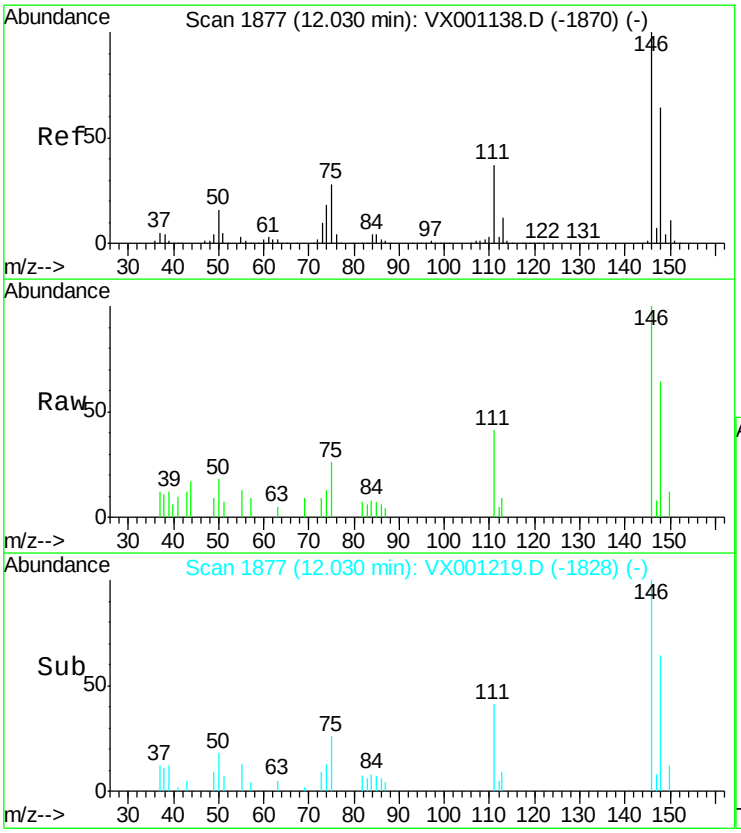
#81
trans-1,4-Dichloro-2-butene
Concen: 91.76 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX001219.D
Acq: 28 Apr 2018 17:39

Instrument :
MSVOA_X
ClientSampleId :
WP022MW102-180423

Tgt Ion: 75 Resp: 69363

Ion	Ratio	Lower	Upper
75	100		
53	0.1	87.9	131.9#
89	0.0	37.7	56.5#

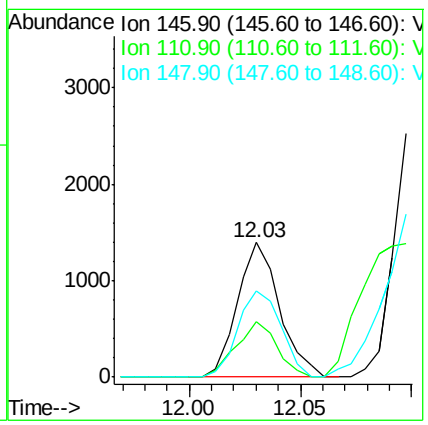


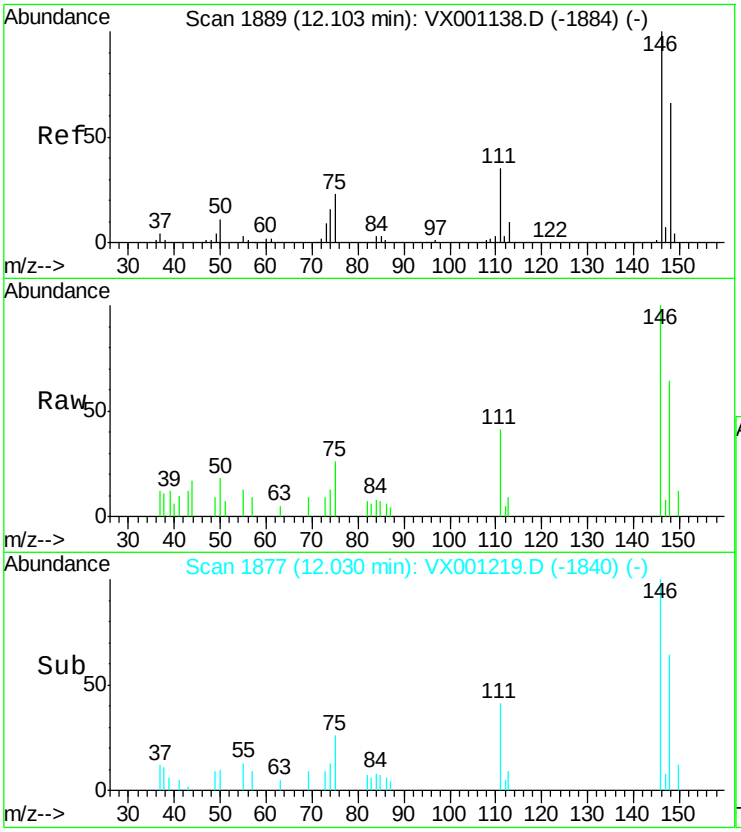


#87
1,3-Dichlorobenzene
Concen: 0.47 ug/l
RT: 12.03 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX001219.D
Acq: 28 Apr 2018 17:39

Tgt Ion:146 Resp: 1828

Ion	Ratio	Lower	Upper
146	100		
111	39.7	18.6	56.0
148	66.1	32.3	96.8



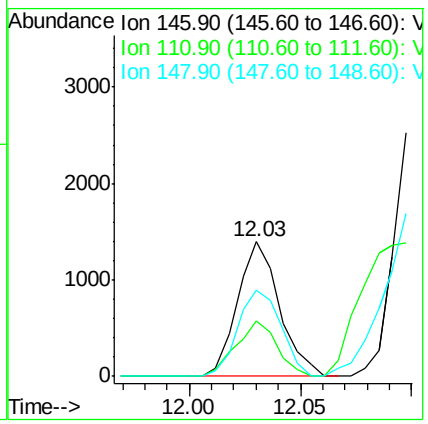


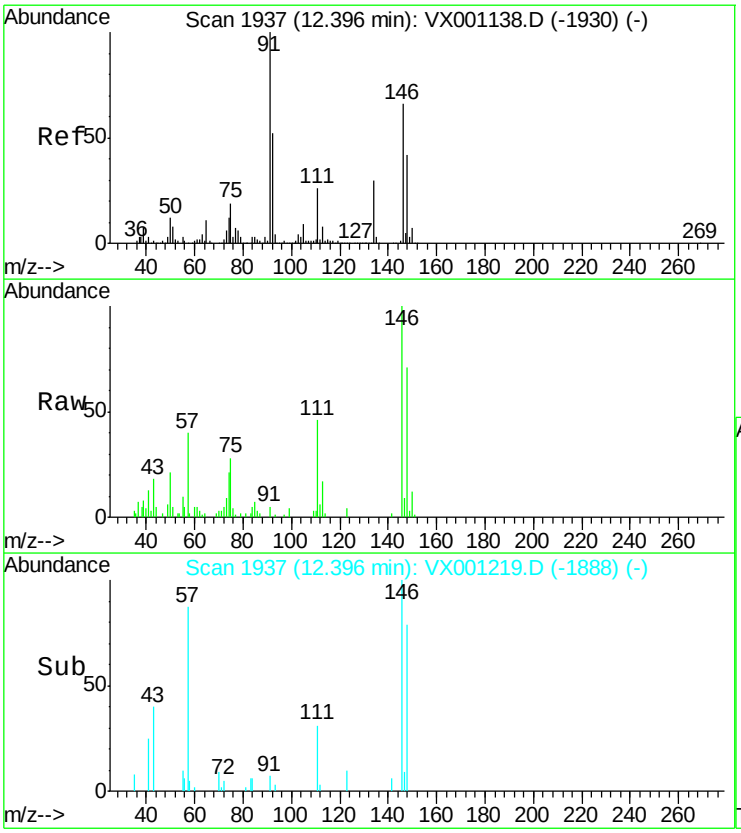
#88
1,4-Dichlorobenzene
Concen: 0.45 ug/l
RT: 12.03 min Scan# 1877
Delta R.T. -0.07 min
Lab File: VX001219.D
Acq: 28 Apr 2018 17:39

Instrument :
MSVOA_X
ClientSampleId :
WP022MW102-180423

Tgt Ion:146 Resp: 1828

Ion	Ratio	Lower	Upper
146	100		
111	39.7	18.0	54.0
148	66.1	32.5	97.5





#91
1,2-Dichlorobenzene
Concen: 1.34 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX001219.D
Acq: 28 Apr 2018 17:39

Tgt Ion:146 Resp: 5263

Ion	Ratio	Lower	Upper
146	100		
111	41.3	19.1	57.3
148	68.5	32.2	96.6