Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX042318\
Data File : VX001070.D
Acq On : 23 Apr 2018 20:09
Operator : JC/MD
Sample : J2464-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : LF015RW050-180417

Quant Time: Apr 24 07:05:11 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	197839	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	272447	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	242131	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	136197	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.08	65	128612	51.28	ug/l		0.00
Spiked Amount 50.000			Recovery = 102.56%				
35) Dibromofluoromethane	5.51	113	98791	47.55	ug/l		0.00
Spiked Amount 50.000			Recovery = 95.10%				
50) Toluene-d8	8.72	98	380311	49.51	ug/l		0.00
Spiked Amount 50.000			Recovery = 99.02%				
62) 4-Bromofluorobenzene	11.14	95	132514	41.10	ug/l		0.00
Spiked Amount 50.000			Recovery = 82.20%				
Target Compounds							Qvalue
4) Vinyl Chloride	1.40	62	3187	1.35	ug/l	#	82
5) Bromomethane	1.65	94	207	Below Cal			87
6) Chloroethane	1.88	64	546	0.39	ug/l	#	44
11) Tert butyl alcohol	3.07	59	1641	4.34	ug/l	#	93
13) Acrolein	2.30	56	252	12.98	ug/l	#	29
16) Acetone	2.45	43	2403	2.54	ug/l		93
18) Methyl Acetate	2.62	43	4037	1.41	ug/l	#	53
20) Methylene Chloride	2.86	84	274	Below Cal		#	73
25) 2-Butanone	4.73	43	646	0.44	ug/l	#	50
27) cis-1,2-Dichloroethene	4.60	96	4775	2.00	ug/l		89
29) Tetrahydrofuran	5.20	42	259	0.28	ug/l	#	34
36) 1,1-Dichloropropene	5.67	75	12599	3.94	ug/l	#	49
38) Carbon Tetrachloride	5.68	117	17009	5.25	ug/l	#	16
40) Benzene	6.15	78	43959	4.94	ug/l		98
51) 4-Methyl-2-Pentanone	8.72	43	2120	0.69	ug/l	#	1
52) Toluene	8.79	92	2616	0.45	ug/l		98
65) Chlorobenzene	10.15	112	2151163	333.65	ug/l		98
76) 1,2,3-Trichloropropane	11.14	75	67484	28.56	ug/l	#	38
81) trans-1,4-Dichloro-2-buten	11.14	75	67484	85.20	ug/l	#	8
87) 1,3-Dichlorobenzene	12.03	146	10000	2.07	ug/l		99
88) 1,4-Dichlorobenzene	12.10	146	84200	16.95	ug/l		99
90) Hexachloroethane	12.76	117	357	0.30	ug/l	#	1
91) 1,2-Dichlorobenzene	12.40	146	46709	9.97	ug/l		99

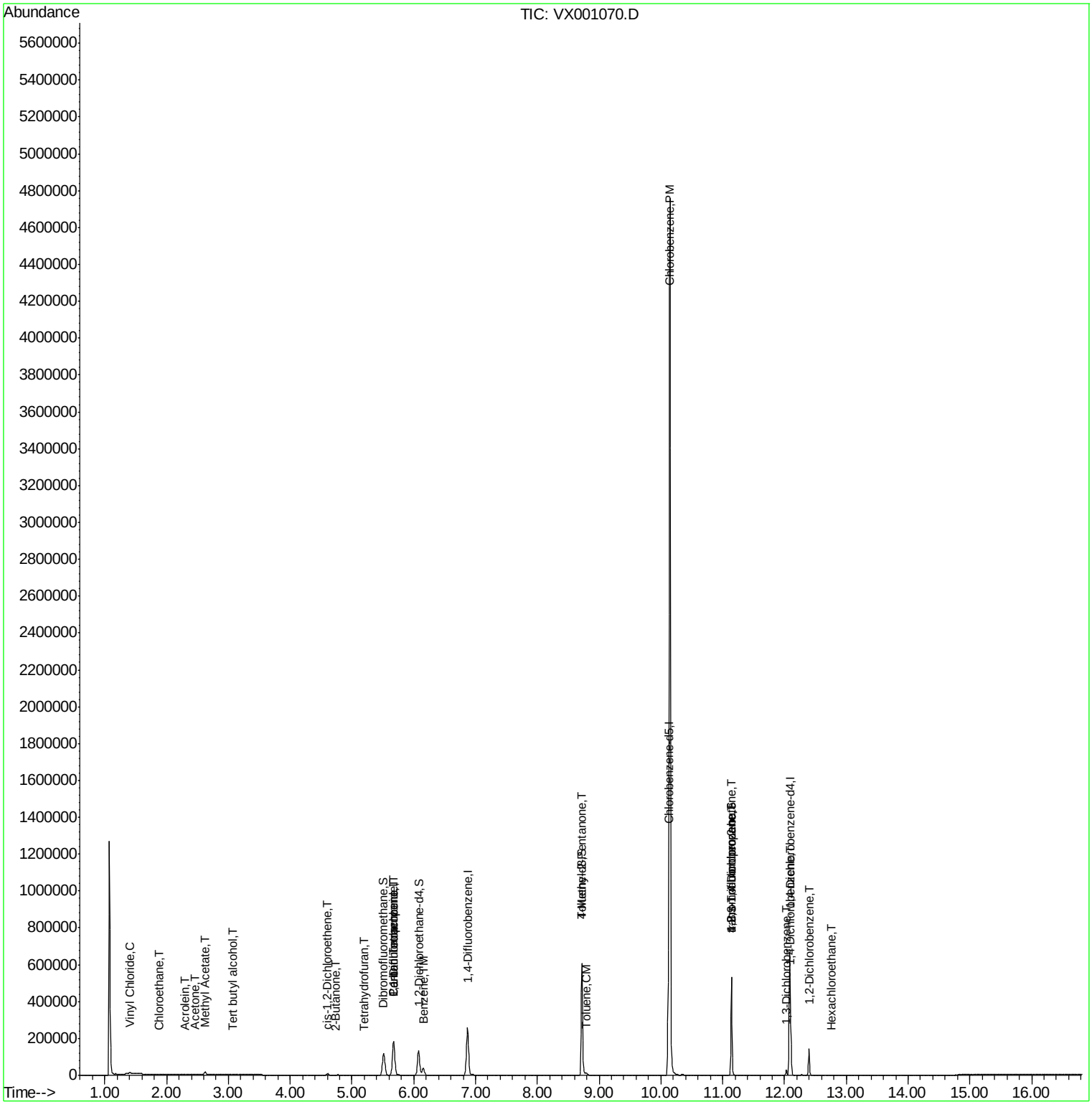
(#) = qualifier out of range (m) = manual integration (+) = signals summed

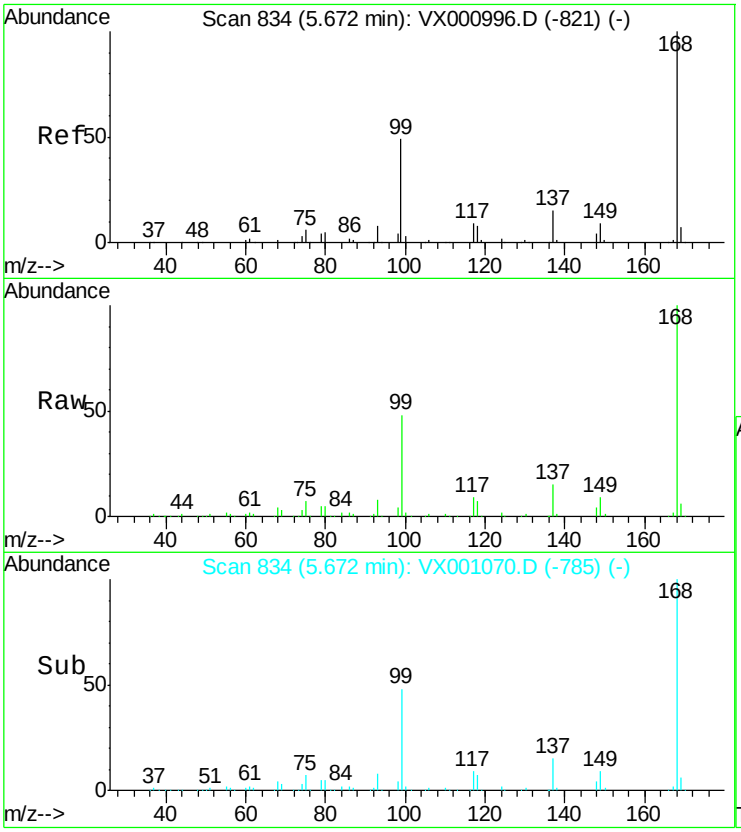
Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX042318\
Data File : VX001070.D
Acq On : 23 Apr 2018 20:09
Operator : JC/MD
Sample : J2464-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
LF015RW050-180417

Quant Time: Apr 24 07:05:11 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



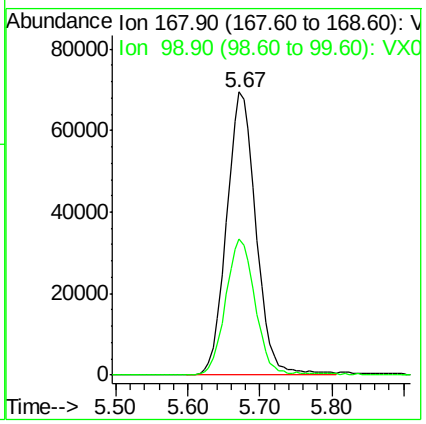


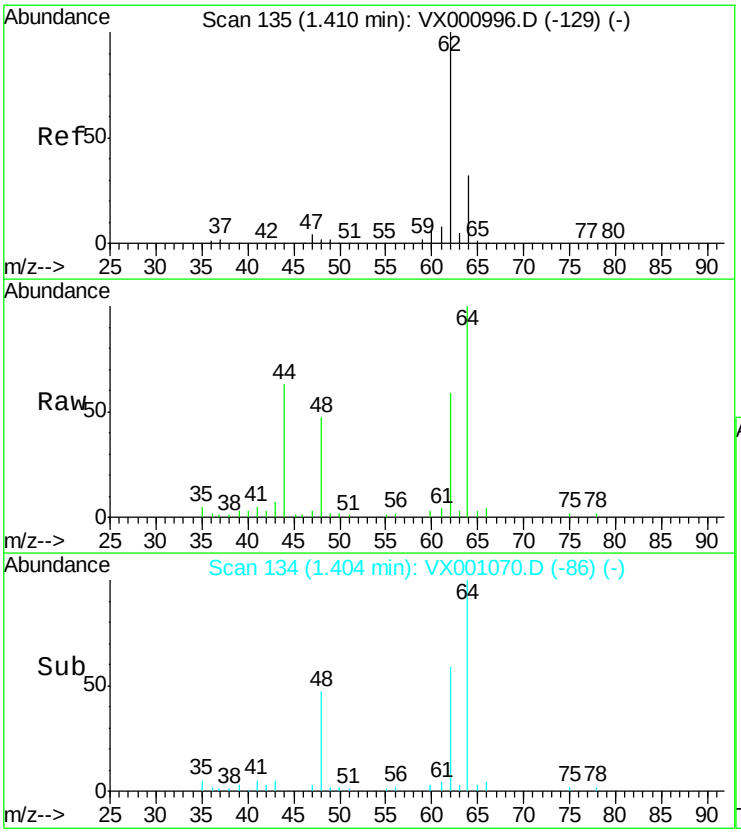
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.00 min
Lab File: VX001070.D
Acq: 23 Apr 2018 20:09

Instrument :
MSVOA_X
ClientSampleId :
LF015RW050-180417

Tgt Ion:168 Resp: 197839

Ion	Ratio	Lower	Upper
168	100		
99	48.2	39.2	58.8

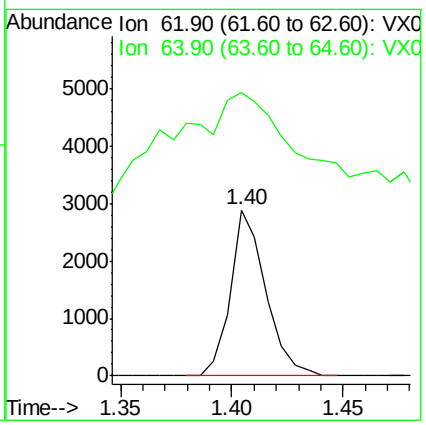


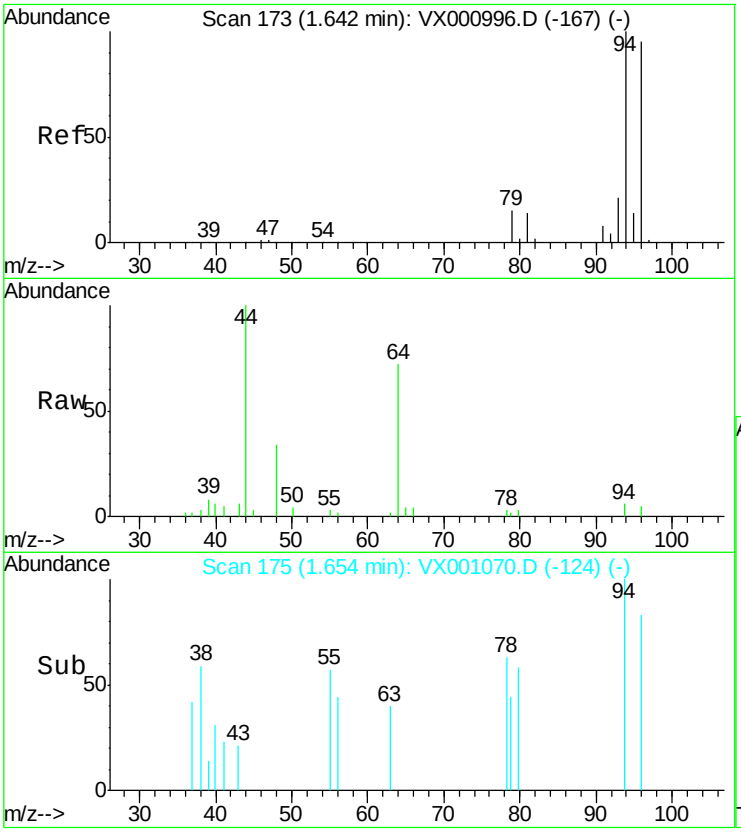


#4
Vinyl Chloride
Concen: 1.35 ug/l
RT: 1.40 min Scan# 134
Delta R.T. -0.01 min
Lab File: VX001070.D
Acq: 23 Apr 2018 20:09

Tgt Ion: 62 Resp: 3187

Ion	Ratio	Lower	Upper
62	100		
64	42.1	25.6	38.4#



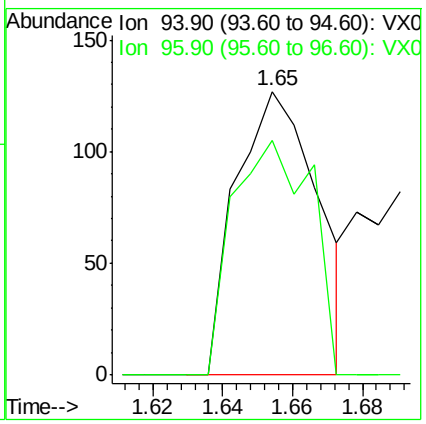


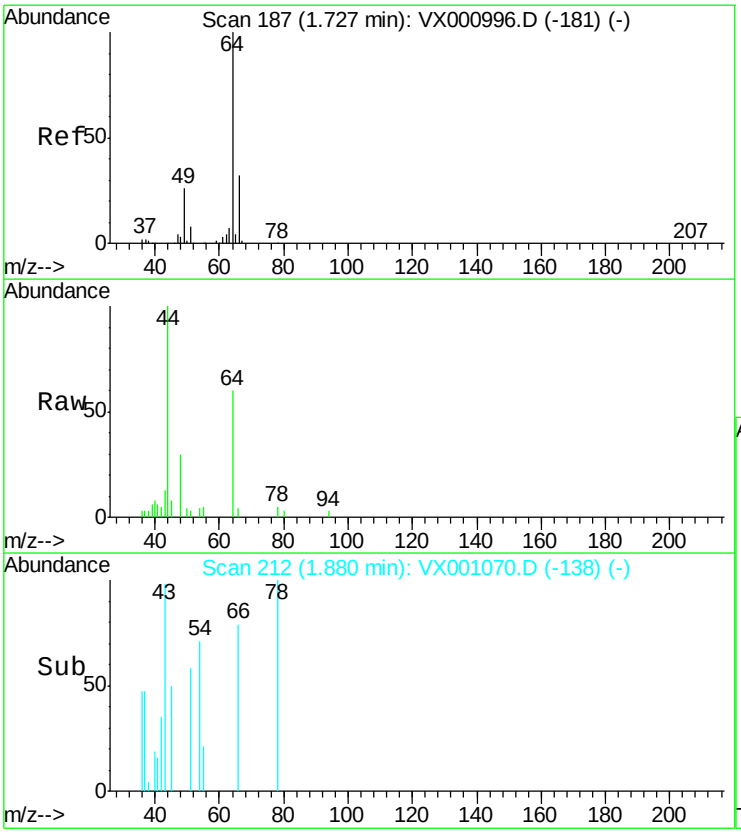
#5
Bromomethane
Concen: Below Cal
RT: 1.65 min Scan# 175
Delta R.T. 0.01 min
Lab File: VX001070.D
Acq: 23 Apr 2018 20:09

Instrument :
MSVOA_X
ClientSampleId :
LF015RW050-180417

Tgt Ion: 94 Resp: 207

Ion	Ratio	Lower	Upper
94	100		
96	82.7	76.0	114.0

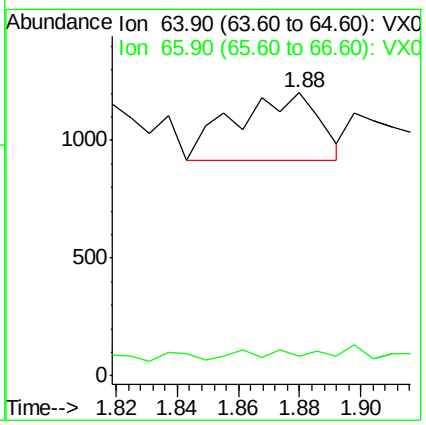


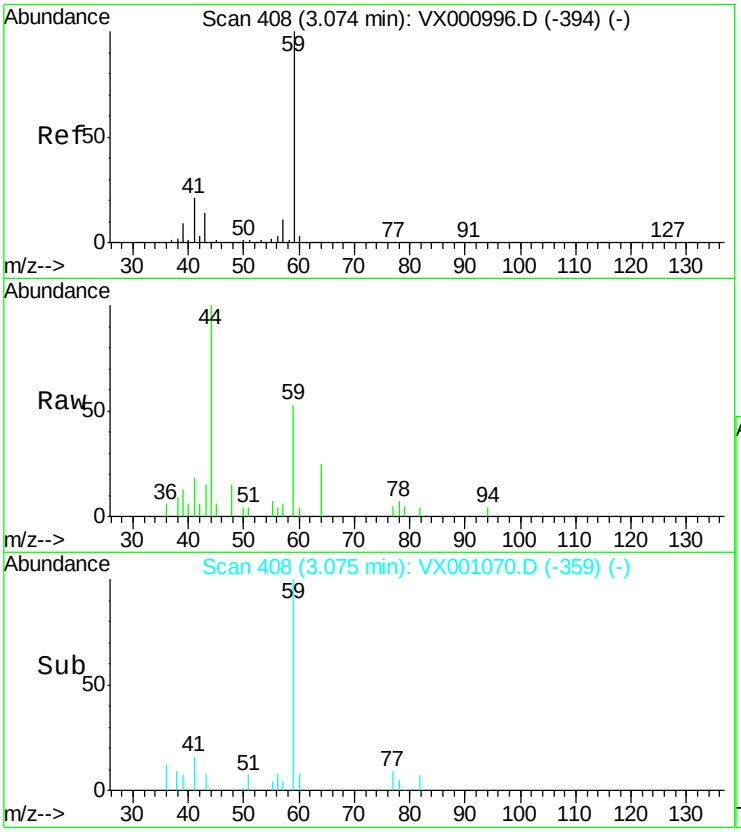


#6
Chloroethane
Concen: 0.39 ug/l
RT: 1.88 min Scan# 212
Delta R.T. 0.15 min
Lab File: VX001070.D
Acq: 23 Apr 2018 20:09

Tgt Ion: 64 Resp: 546

Ion	Ratio	Lower	Upper
64	100		
66	0.3	25.3	37.9#



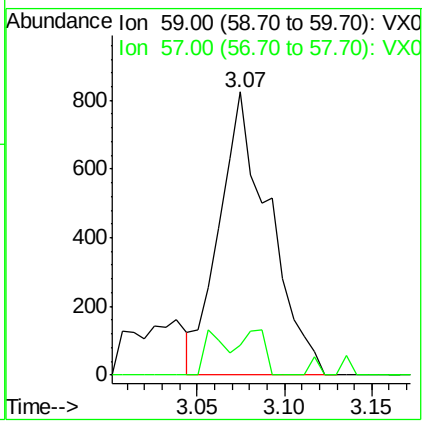


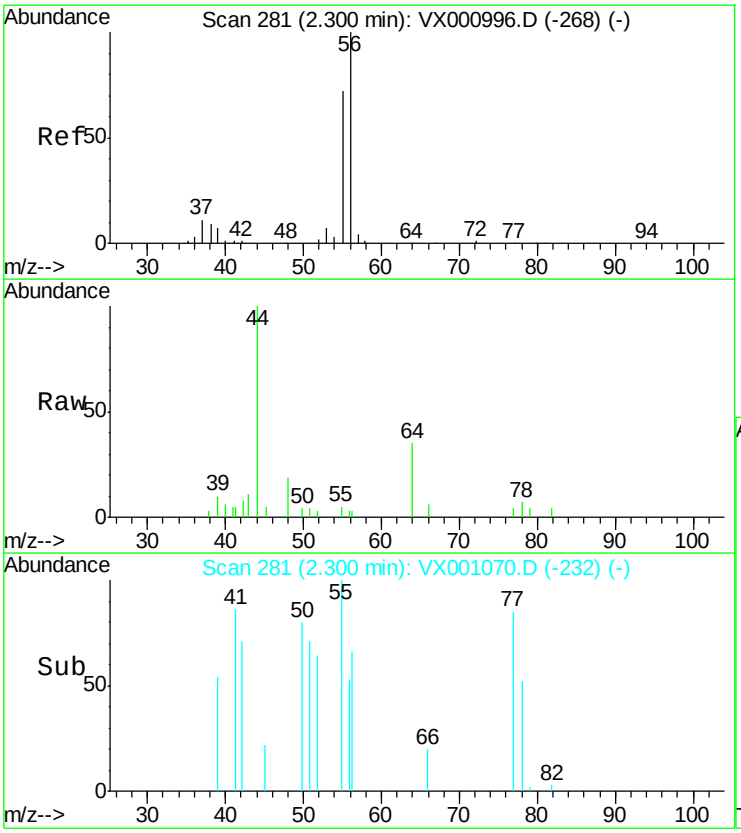
#11
Tert butyl alcohol
Concen: 4.34 ug/l
RT: 3.07 min Scan# 408
Delta R.T. 0.00 min
Lab File: VX001070.D
Acq: 23 Apr 2018 20:09

Instrument :
MSVOA_X
ClientSampleId :
LF015RW050-180417

Tgt Ion: 59 Resp: 1641

Ion	Ratio	Lower	Upper
59	100		
57	7.7	8.3	12.5#

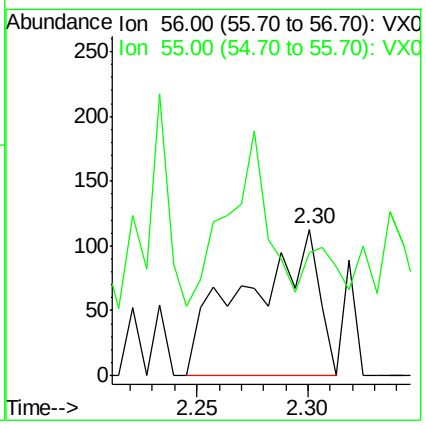


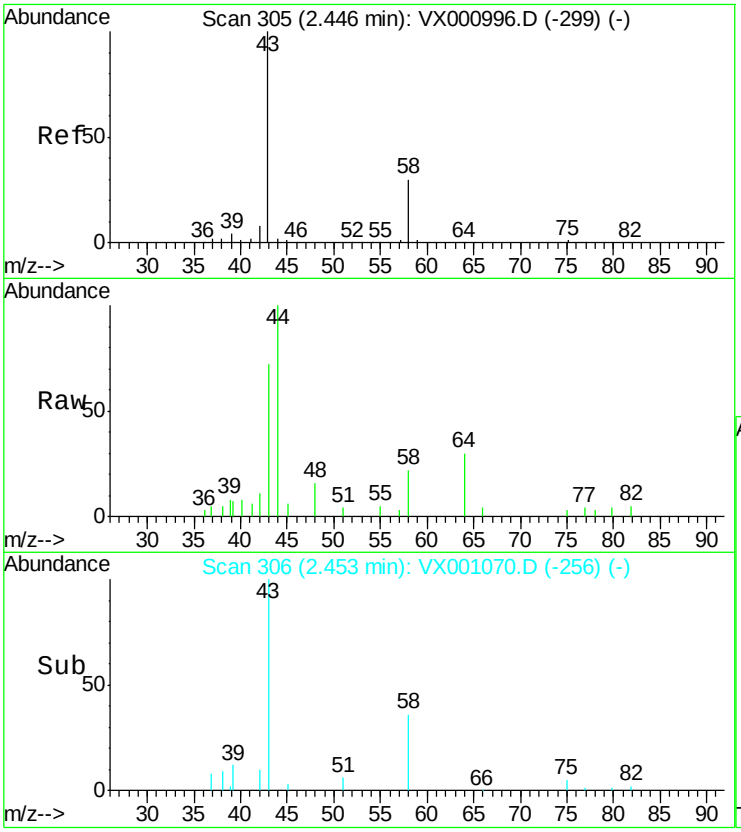


#13
Acrolein
Concen: 12.98 ug/l
RT: 2.30 min Scan# 281
Delta R.T. 0.00 min
Lab File: VX001070.D
Acq: 23 Apr 2018 20:09

Tgt Ion: 56 Resp: 252

Ion	Ratio	Lower	Upper
56	100		
55	12.7	57.4	86.2#



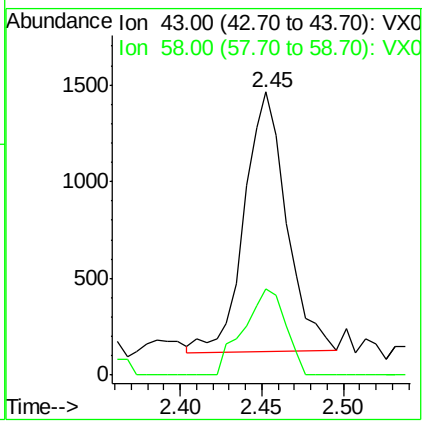


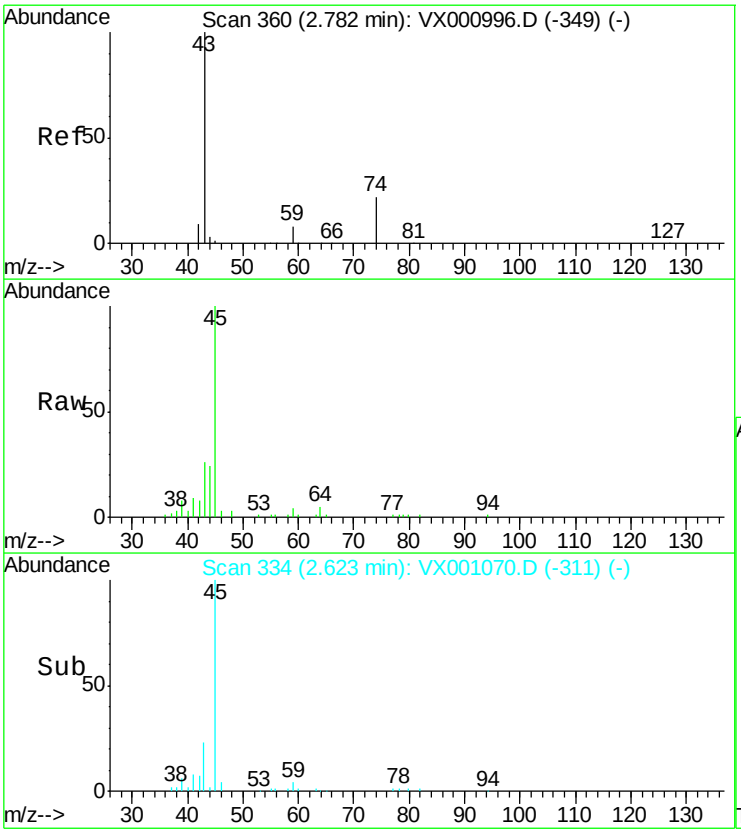
#16
Acetone
Concen: 2.54 ug/l
RT: 2.45 min Scan# 306
Delta R.T. 0.01 min
Lab File: VX001070.D
Acq: 23 Apr 2018 20:09

Instrument :
MSVOA_X
ClientSampleId :
LF015RW050-180417

Tgt Ion: 43 Resp: 2403

Ion	Ratio	Lower	Upper
43	100		
58	33.3	23.7	35.5

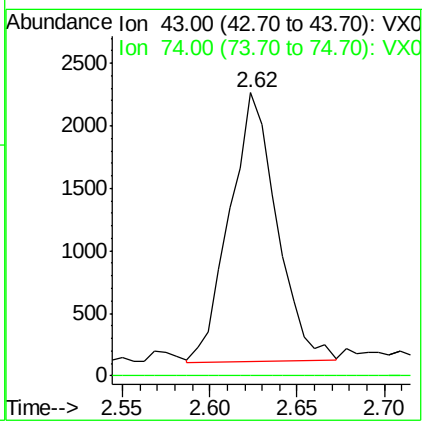


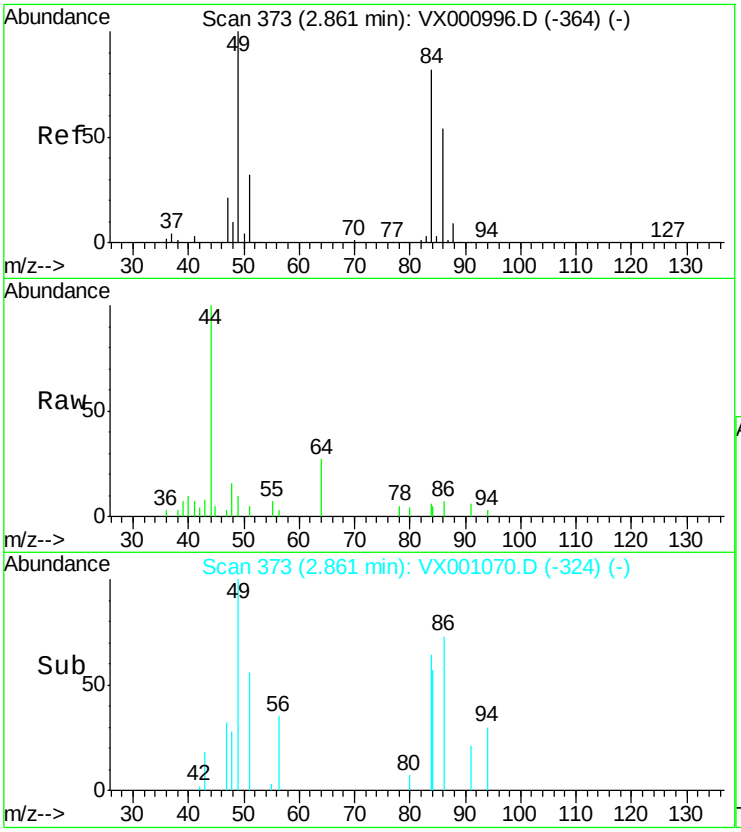


#18
Methyl Acetate
Concen: 1.41 ug/l
RT: 2.62 min Scan# 334
Delta R.T. -0.16 min
Lab File: VX001070.D
Acq: 23 Apr 2018 20:09

Tgt Ion: 43 Resp: 4037

Ion	Ratio	Lower	Upper
43	100		
74	0.0	18.3	27.5#



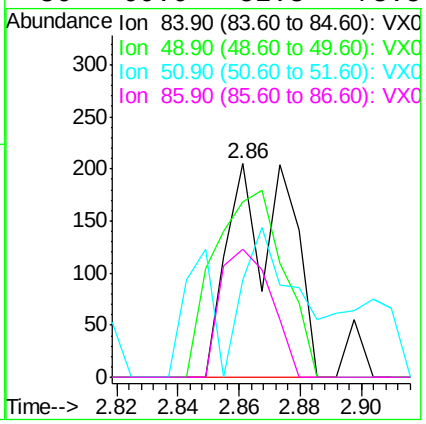


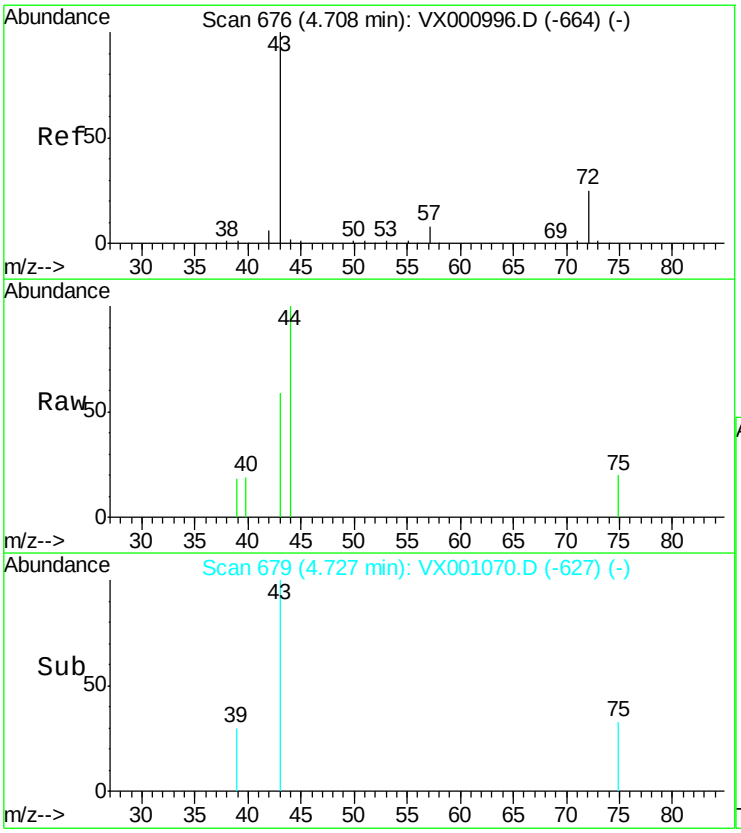
#20
Methylene Chloride
Concen: Below Cal
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001070.D
Acq: 23 Apr 2018 20:09

Instrument : MSVOA_X
ClientSampleId : LF015RW050-180417

Tgt Ion: 84 Resp: 274

Ion	Ratio	Lower	Upper
84	100		
49	82.4	97.1	145.7#
51	16.1	30.8	46.2#
86	60.0	52.3	78.5

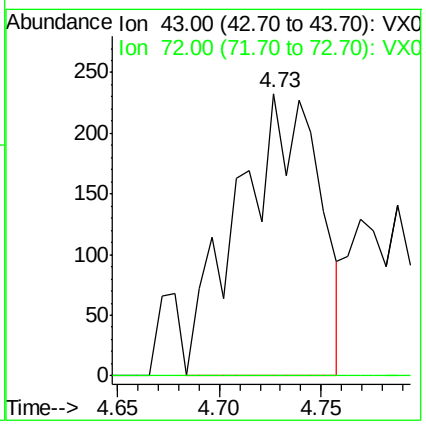


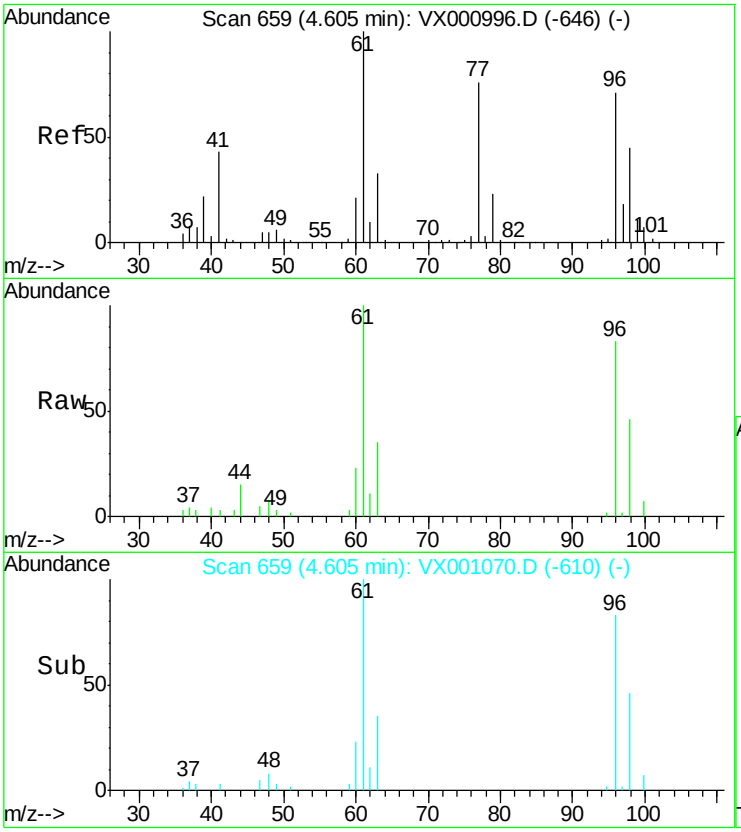


#25
2-Butanone
Concen: 0.44 ug/l
RT: 4.73 min Scan# 679
Delta R.T. 0.02 min
Lab File: VX001070.D
Acq: 23 Apr 2018 20:09

Tgt Ion: 43 Resp: 646

Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.9	29.9#



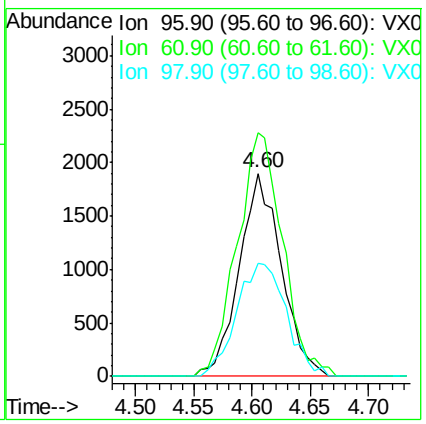


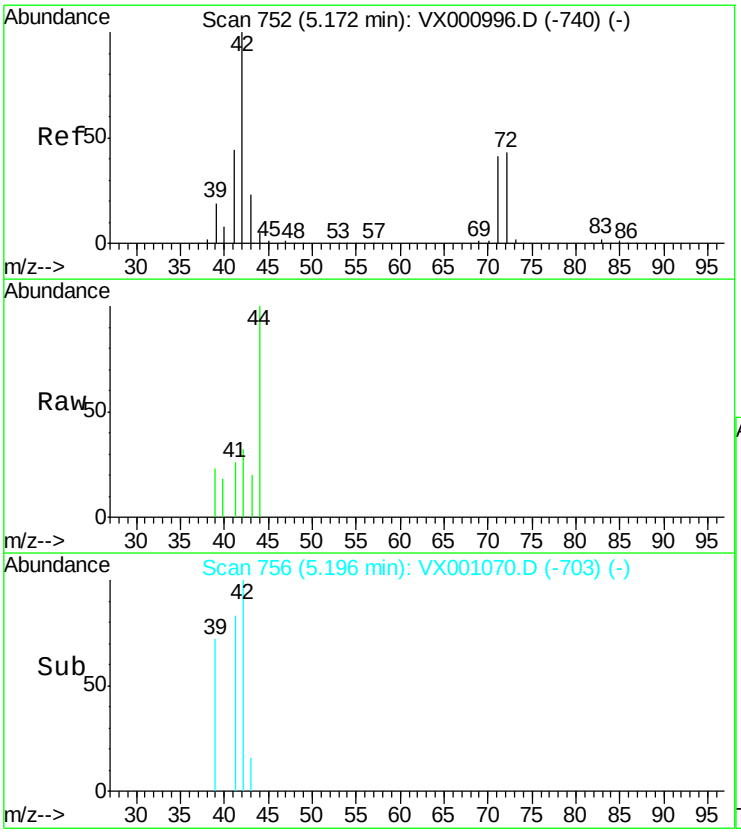
#27
cis-1,2-Dichloroethene
Concen: 2.00 ug/l
RT: 4.60 min Scan# 659
Delta R.T. 0.00 min
Lab File: VX001070.D
Acq: 23 Apr 2018 20:09

Instrument :
MSVOA_X
ClientSampleId :
LF015RW050-180417

Tgt Ion: 96 Resp: 4775

Ion	Ratio	Lower	Upper
96	100		
61	129.2	0.0	297.0
98	65.7	0.0	130.0

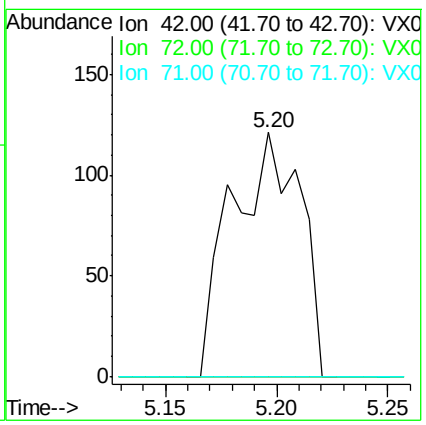


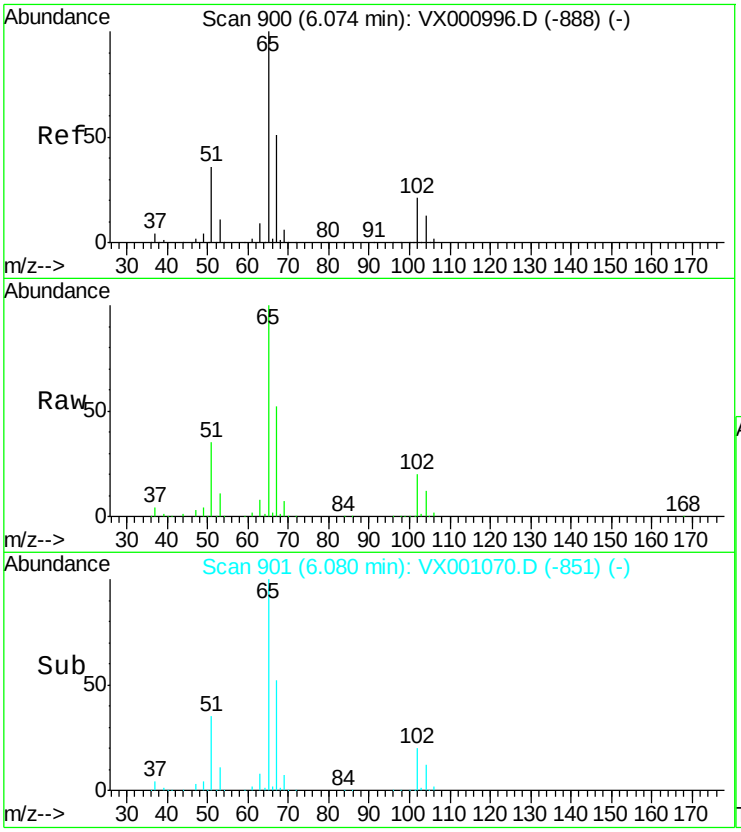


#29
Tetrahydrofuran
Concen: 0.28 ug/l
RT: 5.20 min Scan# 756
Delta R.T. 0.02 min
Lab File: VX001070.D
Acq: 23 Apr 2018 20:09

Tgt Ion: 42 Resp: 259

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



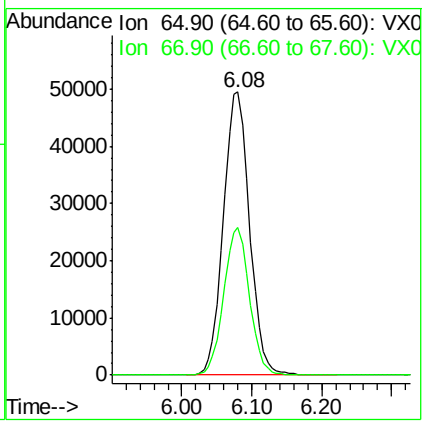


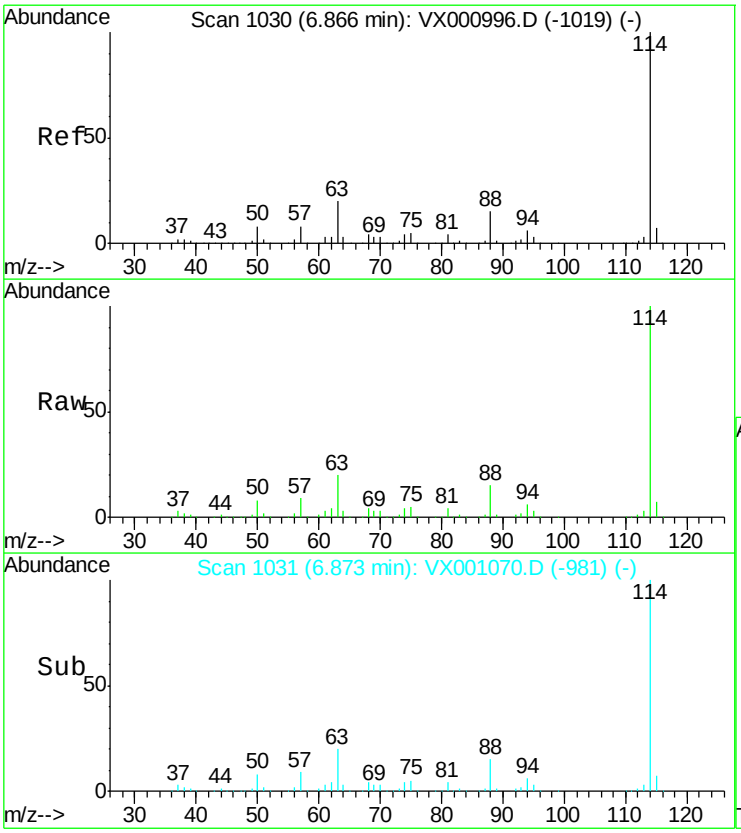
#33
1,2-Dichloroethane-d4
Concen: 51.28 ug/l
RT: 6.08 min Scan# 901
Delta R.T. 0.01 min
Lab File: VX001070.D
Acq: 23 Apr 2018 20:09

Instrument :
MSVOA_X
ClientSampleId :
LF015RW050-180417

Tgt Ion: 65 Resp: 128612

Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	102.6

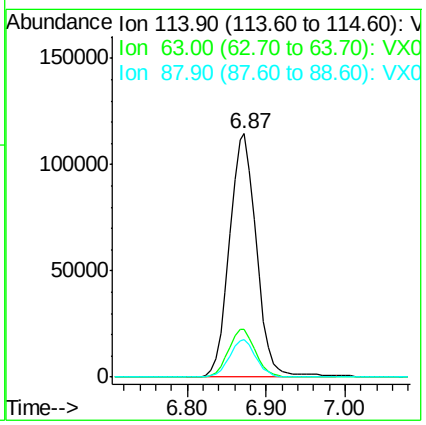


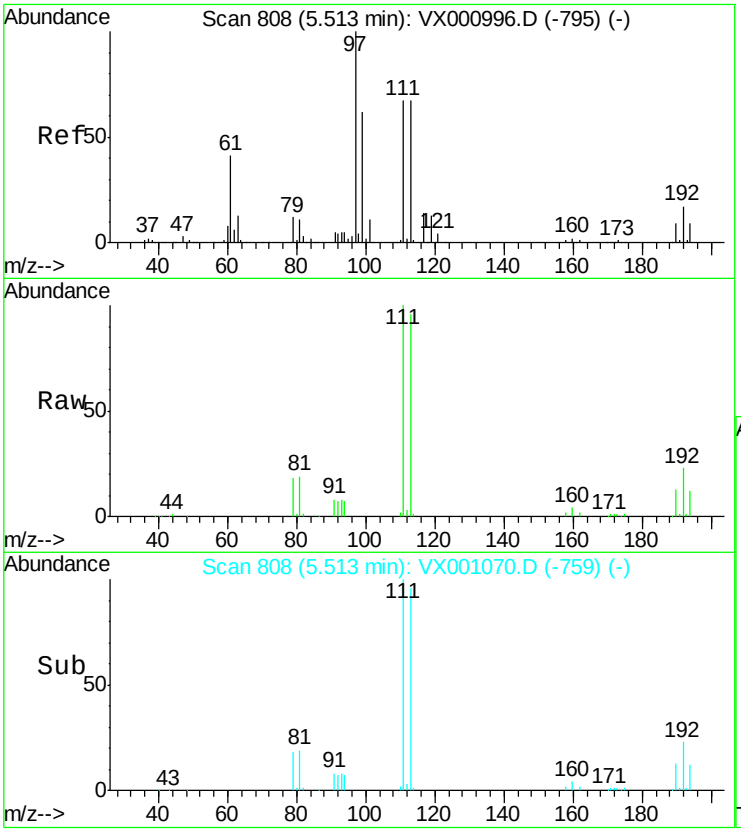


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VX001070.D
Acq: 23 Apr 2018 20:09

Tgt Ion:114 Resp: 272447

Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	39.4
88	15.2	0.0	29.8



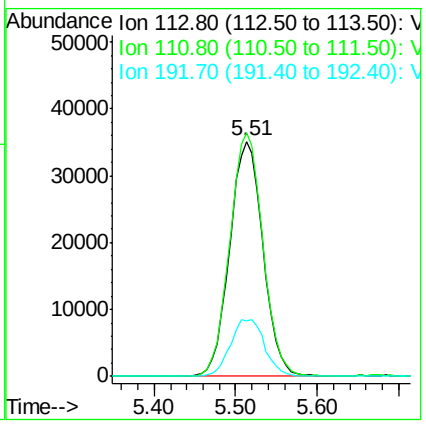


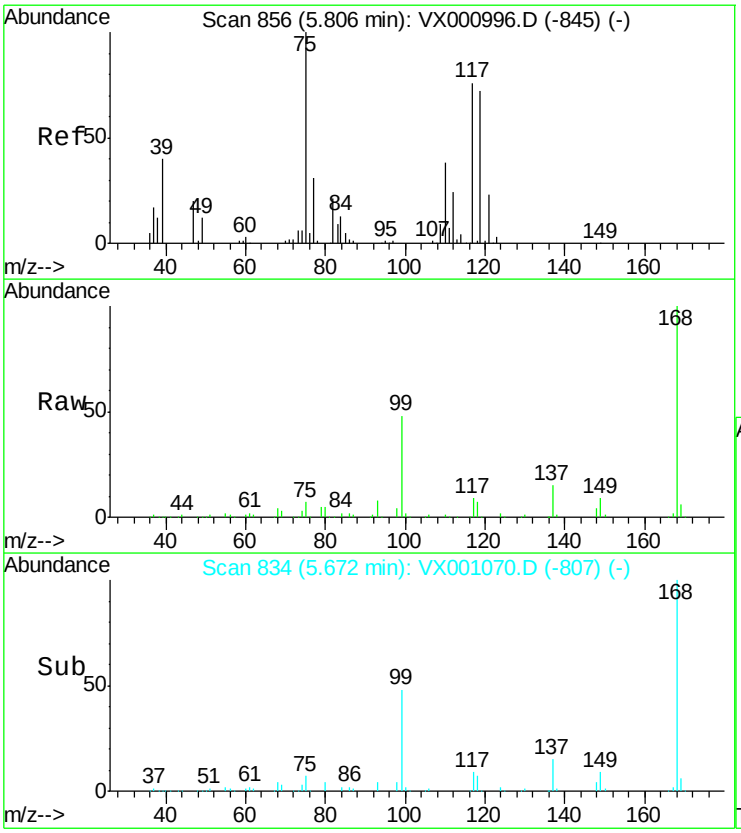
#35
Dibromofluoromethane
Concen: 47.55 ug/l
RT: 5.51 min Scan# 808
Delta R.T. 0.00 min
Lab File: VX001070.D
Acq: 23 Apr 2018 20:09

Instrument :
MSVOA_X
ClientSampleId :
LF015RW050-180417

Tgt Ion:113 Resp: 98791

Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.4	122.2
192	25.0	20.4	30.6

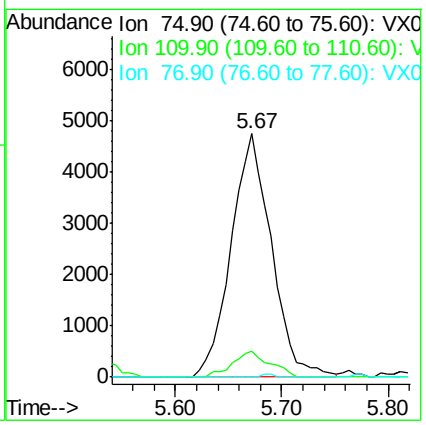


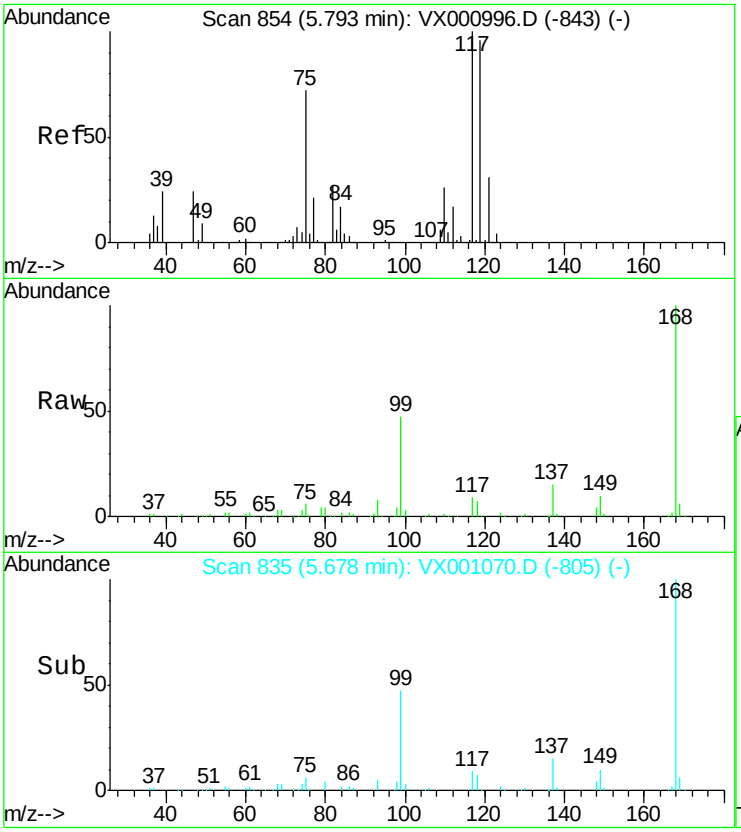


#36
1,1-Dichloropropene
Concen: 3.94 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.13 min
Lab File: VX001070.D
Acq: 23 Apr 2018 20:09

Tgt Ion: 75 Resp: 12599

Ion	Ratio	Lower	Upper
75	100		
110	9.9	18.7	56.1#
77	0.3	25.0	37.4#



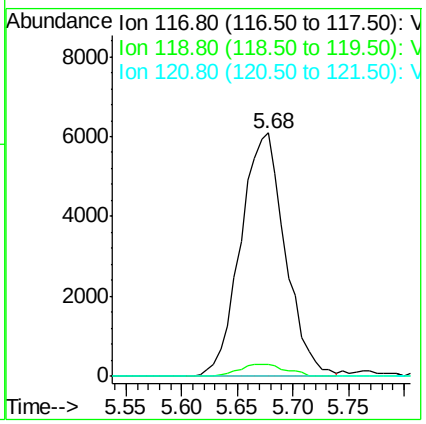


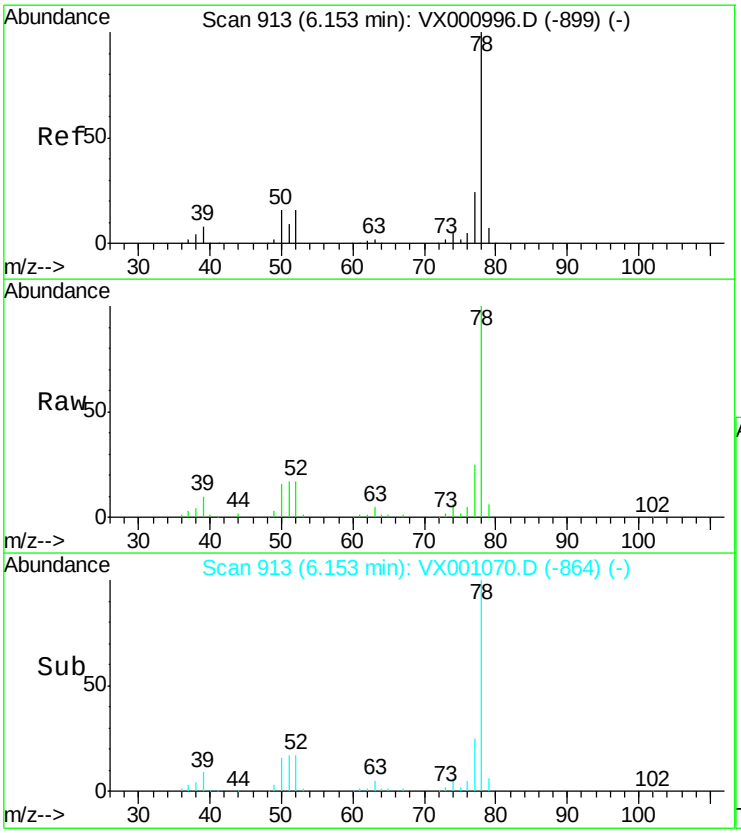
#38
Carbon Tetrachloride
Concen: 5.25 ug/l
RT: 5.68 min Scan# 835
Delta R.T. -0.12 min
Lab File: VX001070.D
Acq: 23 Apr 2018 20:09

Instrument :
MSVOA_X
ClientSampleId :
LF015RW050-180417

Tgt Ion:117 Resp: 17009

Ion	Ratio	Lower	Upper
117	100		
119	4.8	76.5	114.7#
121	0.0	24.5	36.7#

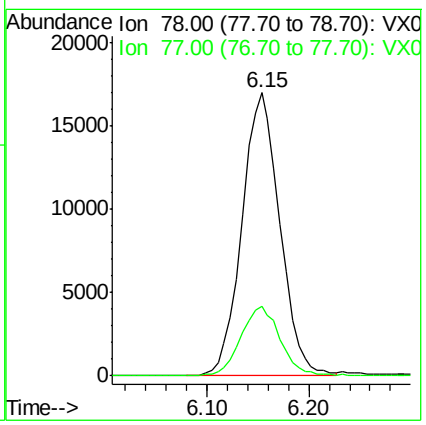


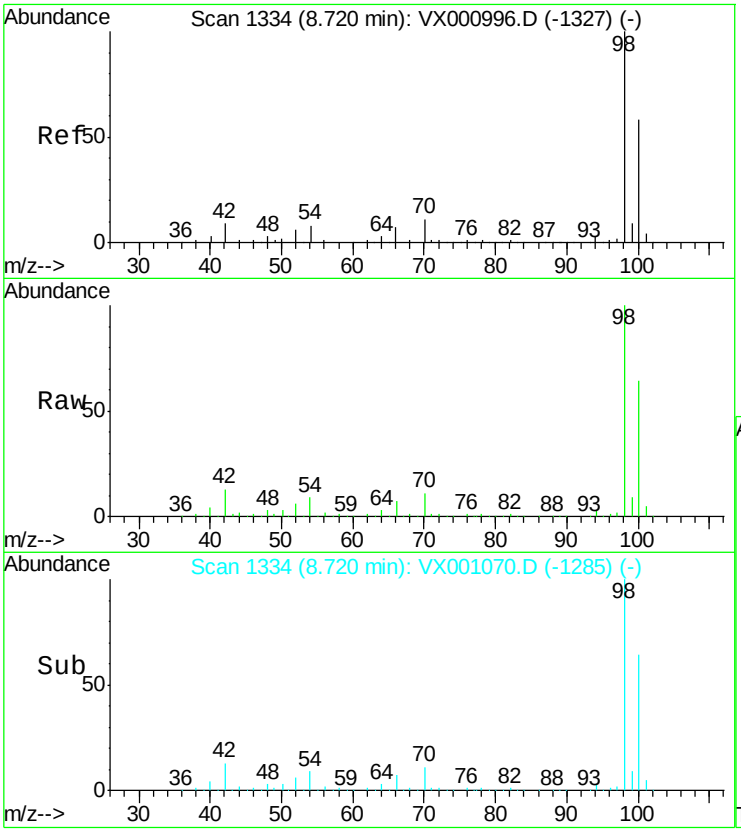


#40
Benzene
Concen: 4.94 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.00 min
Lab File: VX001070.D
Acq: 23 Apr 2018 20:09

Tgt Ion: 78 Resp: 43959

Ion	Ratio	Lower	Upper
78	100		
77	24.6	18.9	28.3



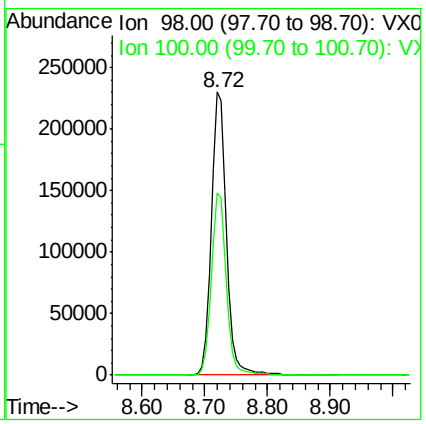


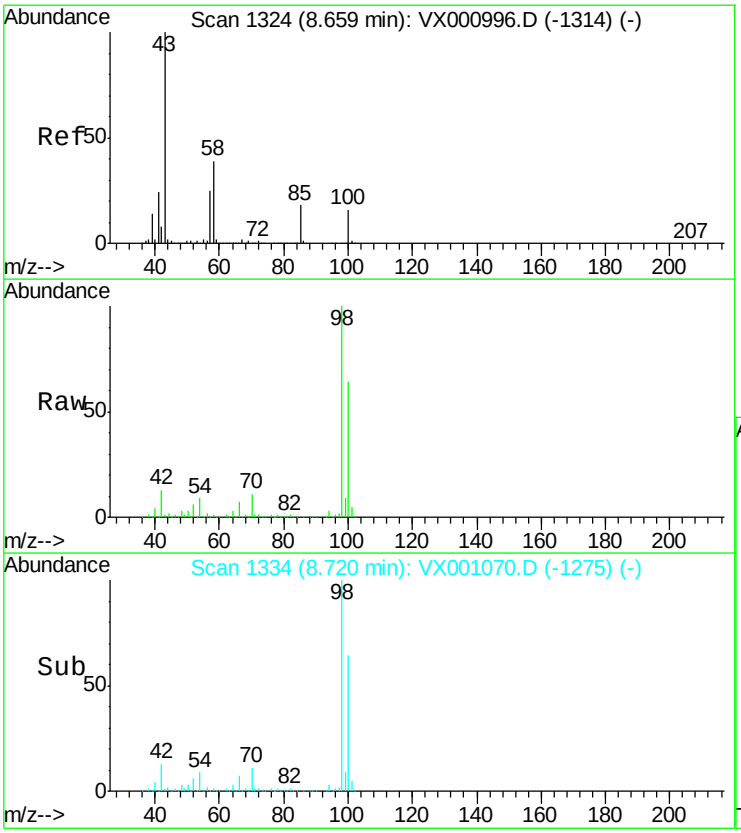
#50
Toluene-d8
Concen: 49.51 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001070.D
Acq: 23 Apr 2018 20:09

Instrument :
MSVOA_X
ClientSampleId :
LF015RW050-180417

Tgt Ion: 98 Resp: 380311

Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.9	77.9

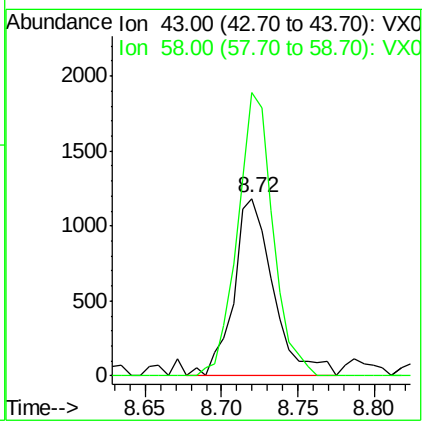


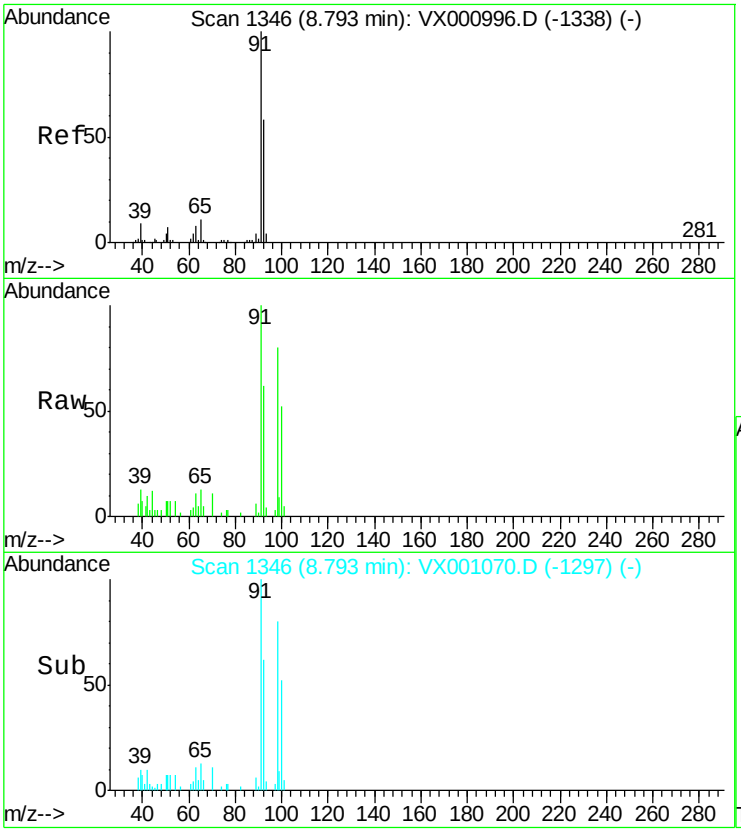


#51
4-Methyl-2-Pentanone
Concen: 0.69 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.06 min
Lab File: VX001070.D
Acq: 23 Apr 2018 20:09

Tgt Ion: 43 Resp: 2120

Ion	Ratio	Lower	Upper
43	100		
58	143.3	30.2	45.4#



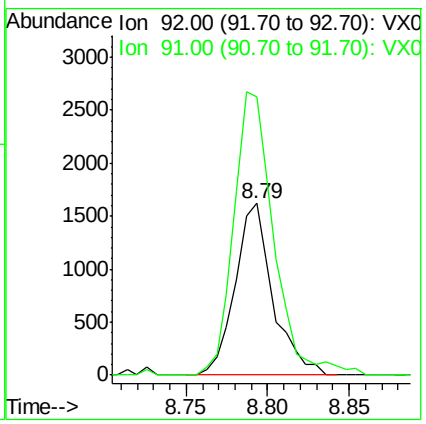


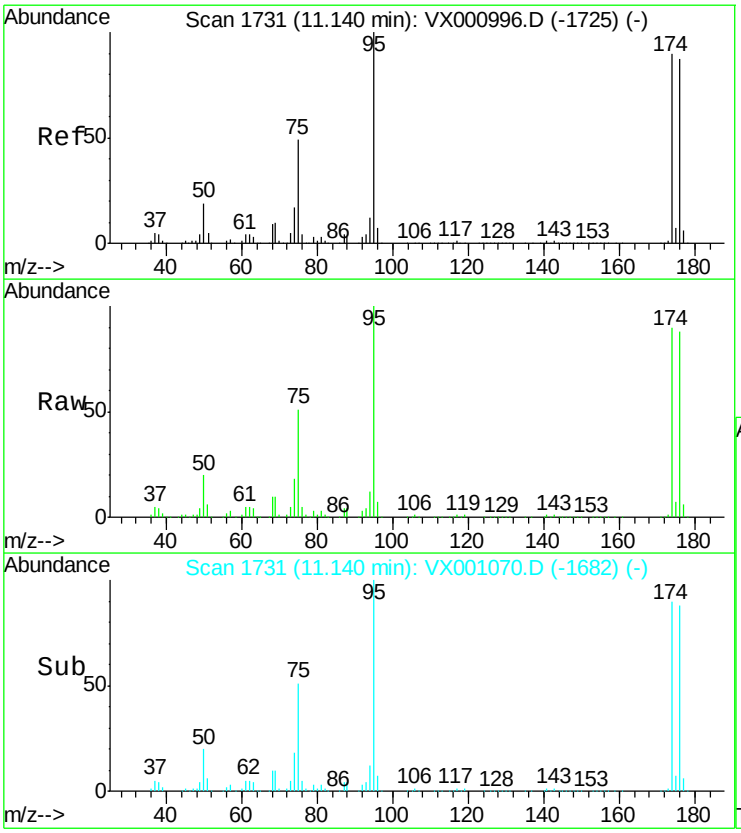
#52
Toluene
Concen: 0.45 ug/l
RT: 8.79 min Scan# 1346
Delta R.T. 0.00 min
Lab File: VX001070.D
Acq: 23 Apr 2018 20:09

Instrument :
MSVOA_X
ClientSampleId :
LF015RW050-180417

Tgt Ion: 92 Resp: 2616

Ion	Ratio	Lower	Upper
92	100		
91	174.9	138.2	207.4

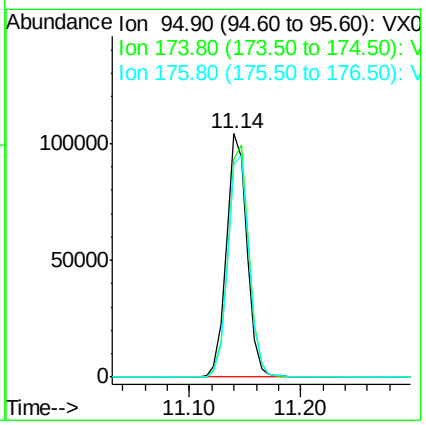


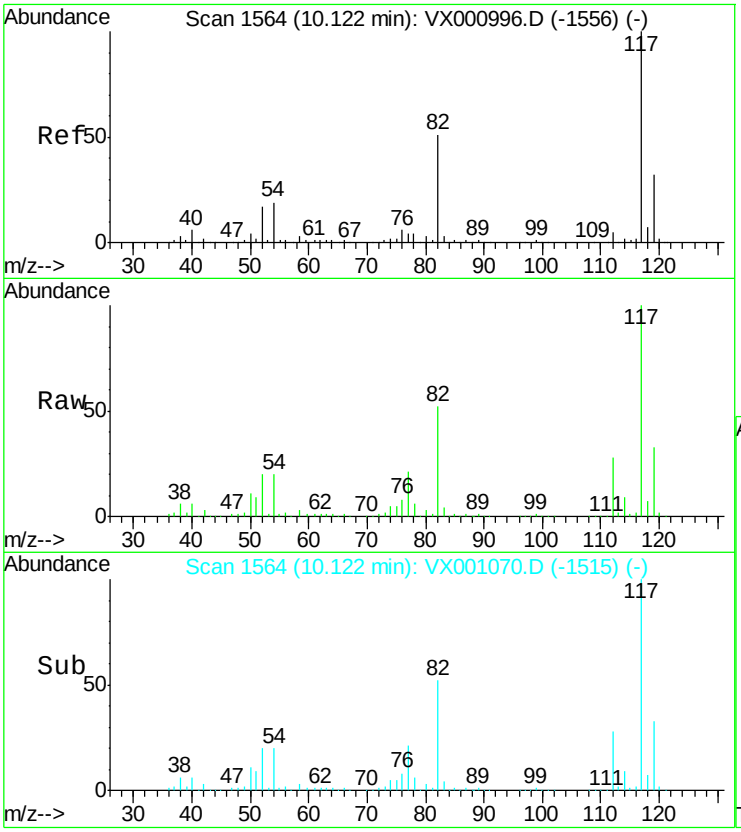


#62
4-Bromofluorobenzene
Concen: 41.10 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX001070.D
Acq: 23 Apr 2018 20:09

Tgt Ion: 95 Resp: 132514

Ion	Ratio	Lower	Upper
95	100		
174	97.3	0.0	198.4
176	94.2	0.0	192.0



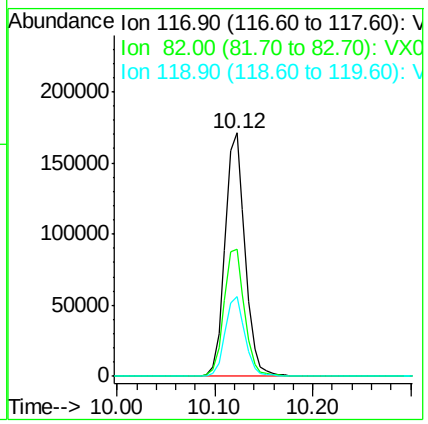


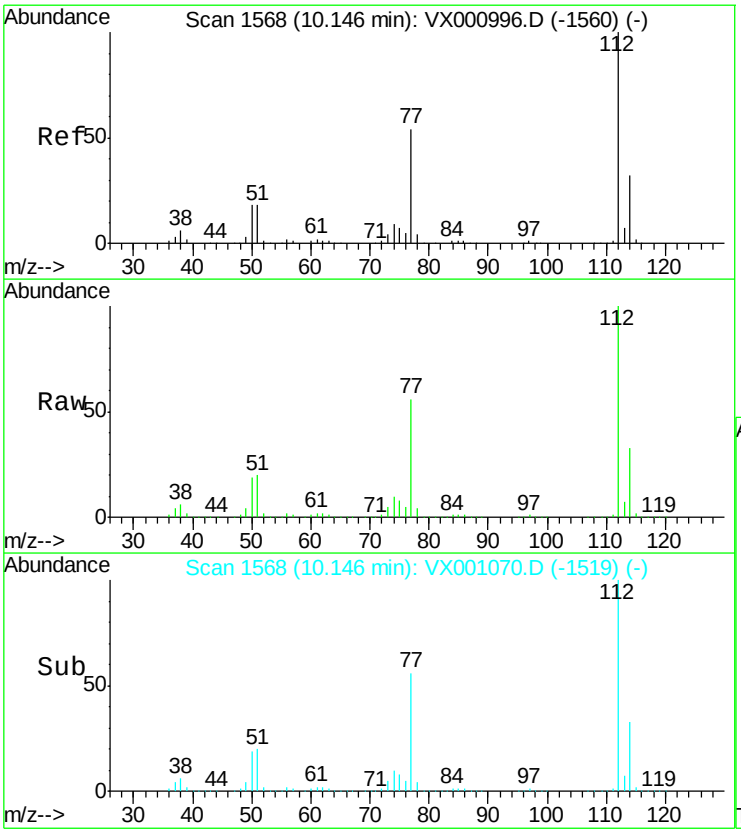
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX001070.D
Acq: 23 Apr 2018 20:09

Instrument :
MSVOA_X
ClientSampleId :
LF015RW050-180417

Tgt Ion:117 Resp: 242131

Ion	Ratio	Lower	Upper
117	100		
82	52.2	40.6	60.8
119	32.6	26.0	39.0

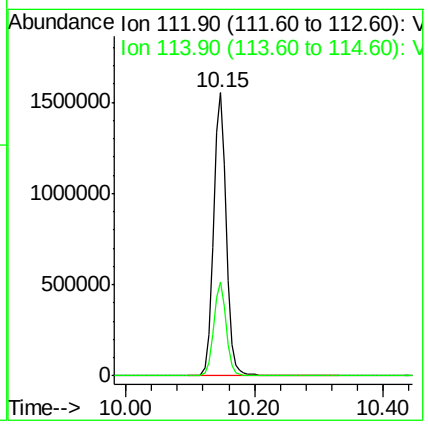


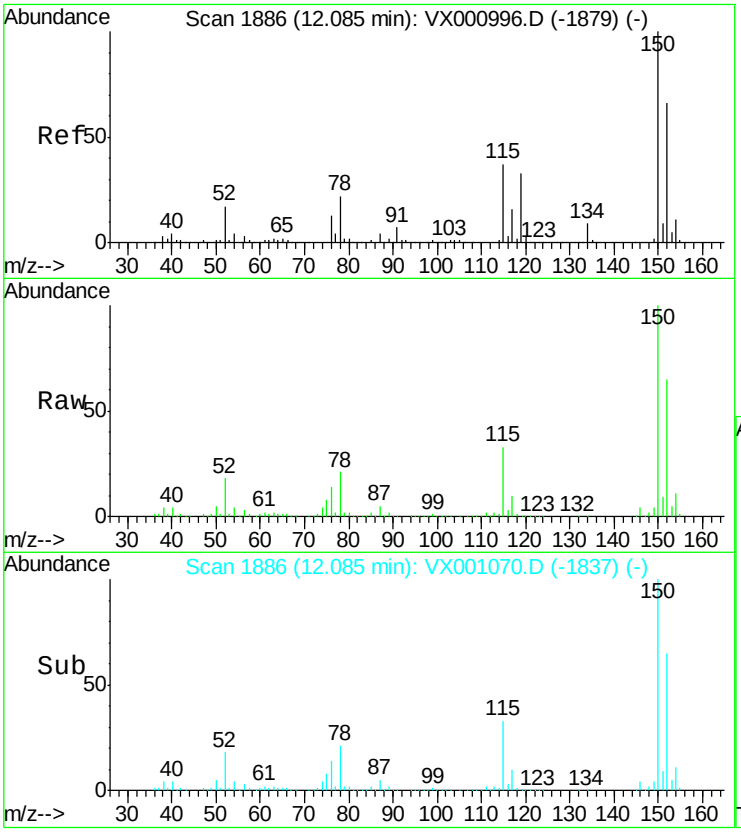


#65
Chlorobenzene
Concen: 333.65 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX001070.D
Acq: 23 Apr 2018 20:09

Tgt Ion:112 Resp: 2151163

Ion	Ratio	Lower	Upper
112	100		
114	33.0	25.5	38.3



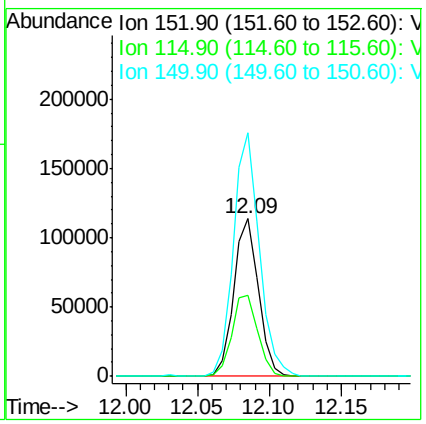


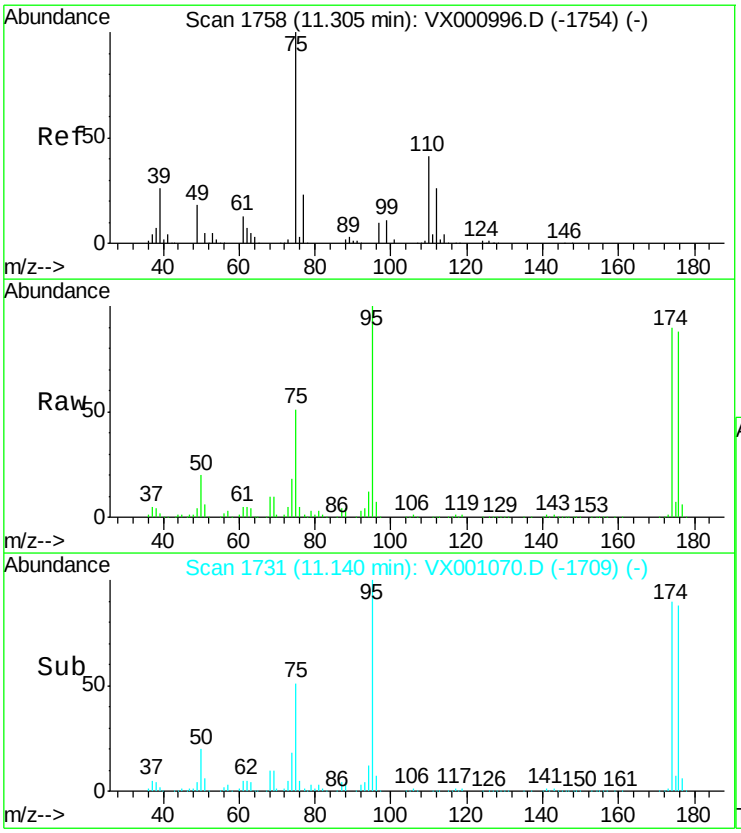
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001070.D
Acq: 23 Apr 2018 20:09

Instrument :
MSVOA_X
ClientSampleId :
LF015RW050-180417

Tgt Ion:152 Resp: 136197

Ion	Ratio	Lower	Upper
152	100		
115	54.3	38.2	114.6
150	161.7	0.0	350.4

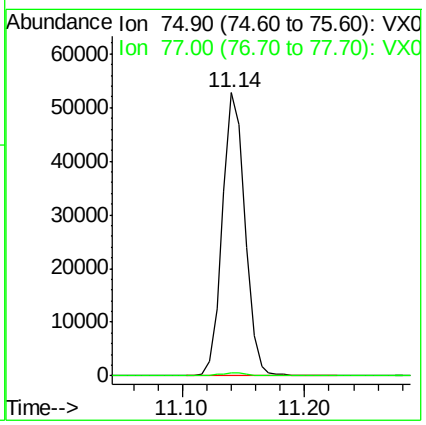


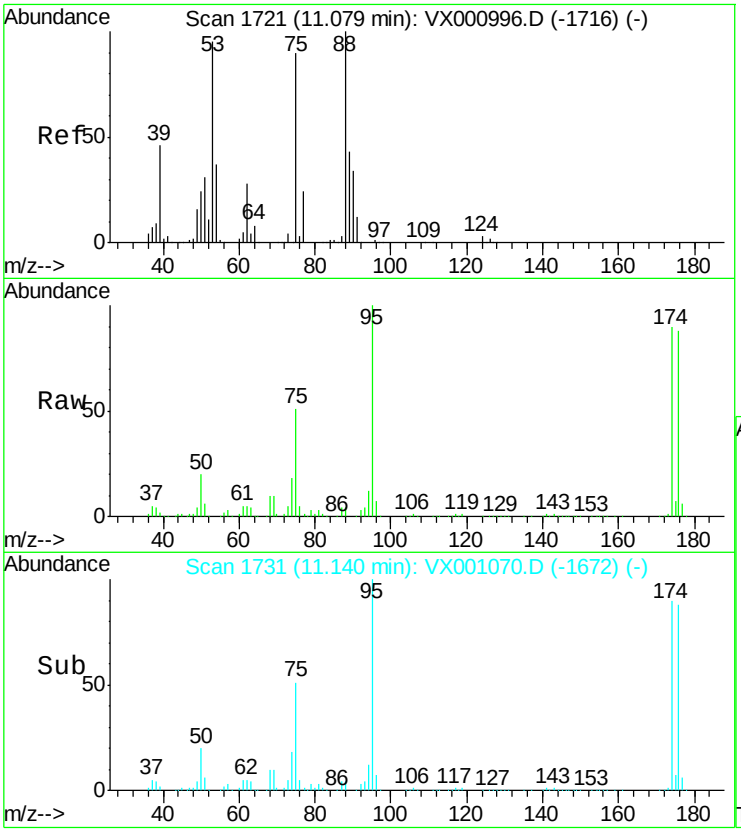


#76
1,2,3-Trichloropropane
Concen: 28.56 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX001070.D
Acq: 23 Apr 2018 20:09

Tgt Ion: 75 Resp: 67484

Ion	Ratio	Lower	Upper
75	100		
77	1.2	19.6	58.7#



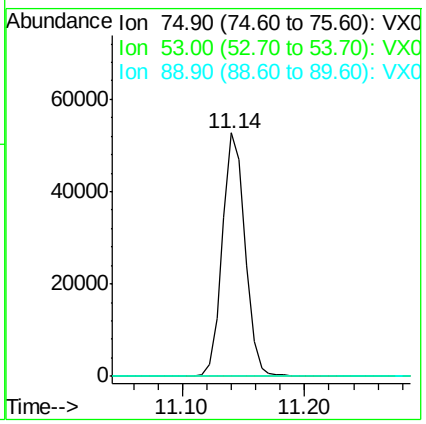


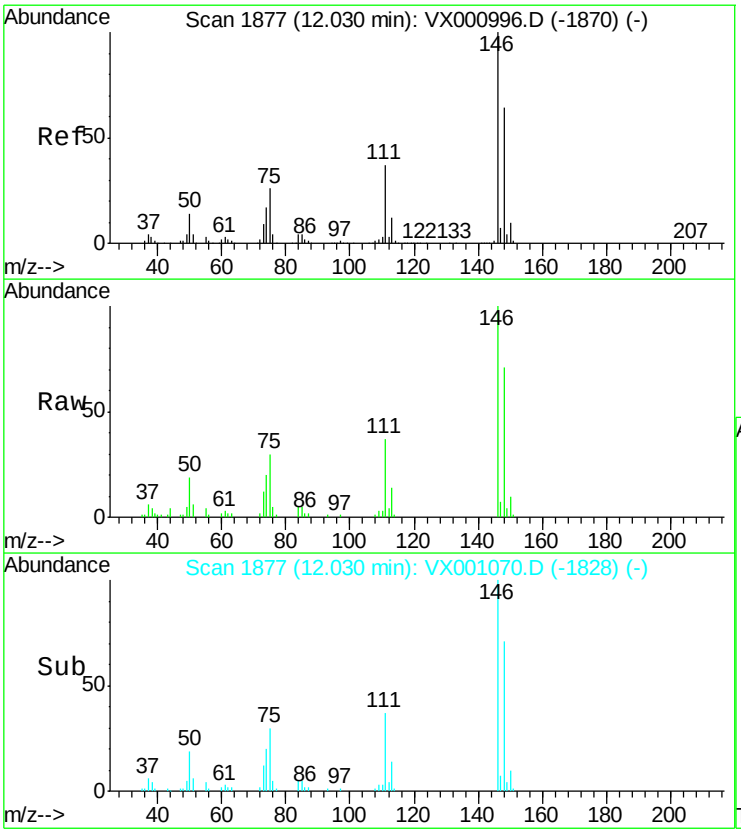
#81
trans-1,4-Dichloro-2-butene
Concen: 85.20 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX001070.D
Acq: 23 Apr 2018 20:09

Instrument :
MSVOA_X
ClientSampleId :
LF015RW050-180417

Tgt Ion: 75 Resp: 67484

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

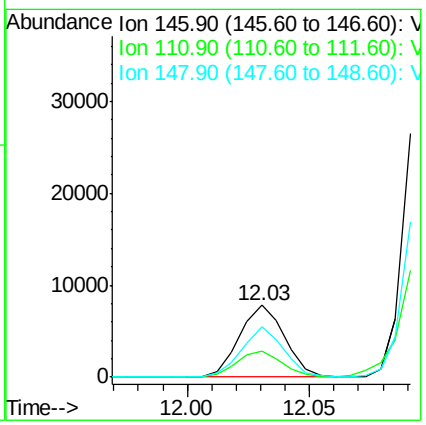


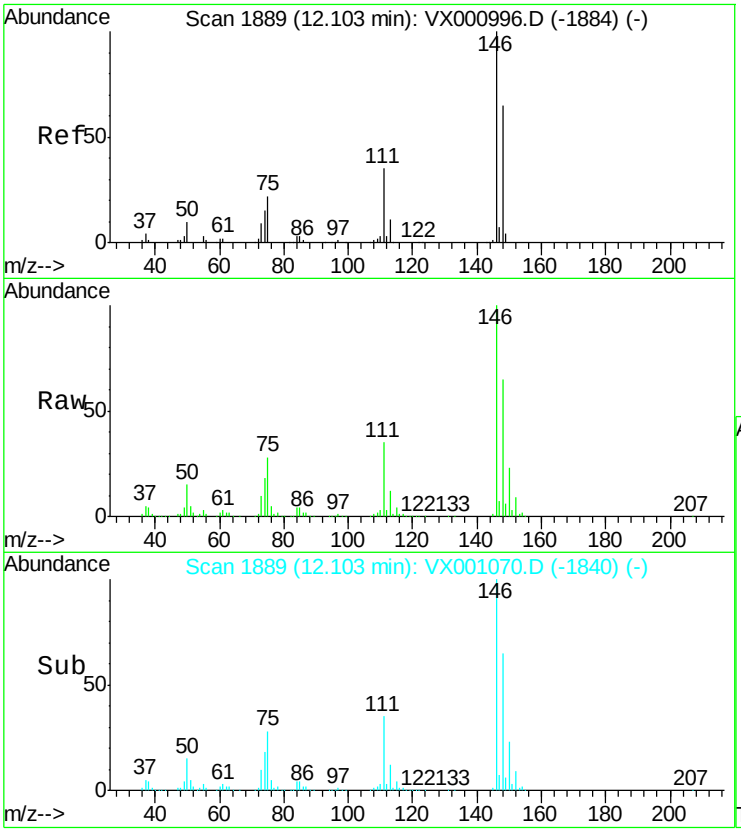


#87
1,3-Dichlorobenzene
Concen: 2.07 ug/l
RT: 12.03 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX001070.D
Acq: 23 Apr 2018 20:09

Tgt Ion:146 Resp: 10000

Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.3	54.8
148	65.2	32.2	96.6



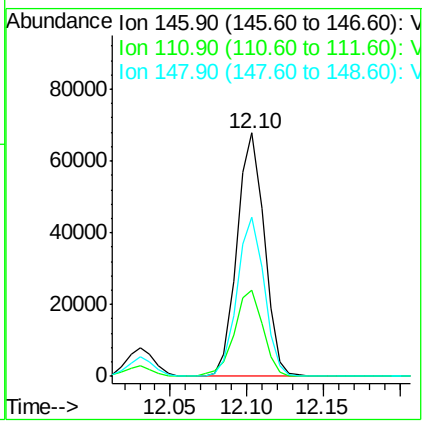


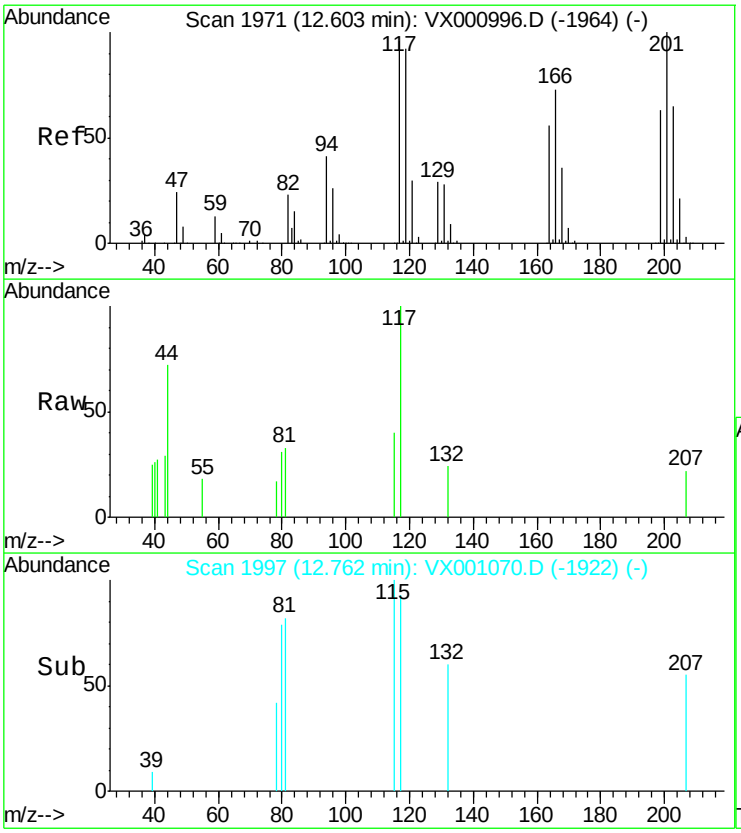
#88
1,4-Dichlorobenzene
Concen: 16.95 ug/l
RT: 12.10 min Scan# 1889
Delta R.T. 0.00 min
Lab File: VX001070.D
Acq: 23 Apr 2018 20:09

Instrument :
MSVOA_X
ClientSampleId :
LF015RW050-180417

Tgt Ion:146 Resp: 84200

Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.0	54.0
148	65.1	32.4	97.0

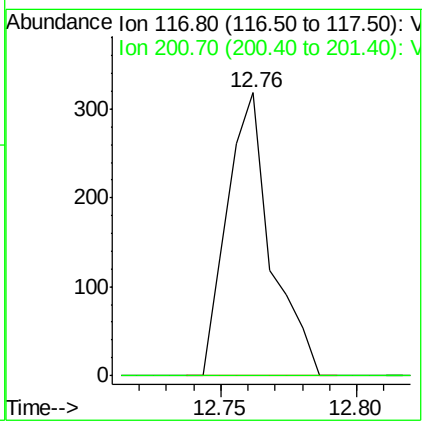


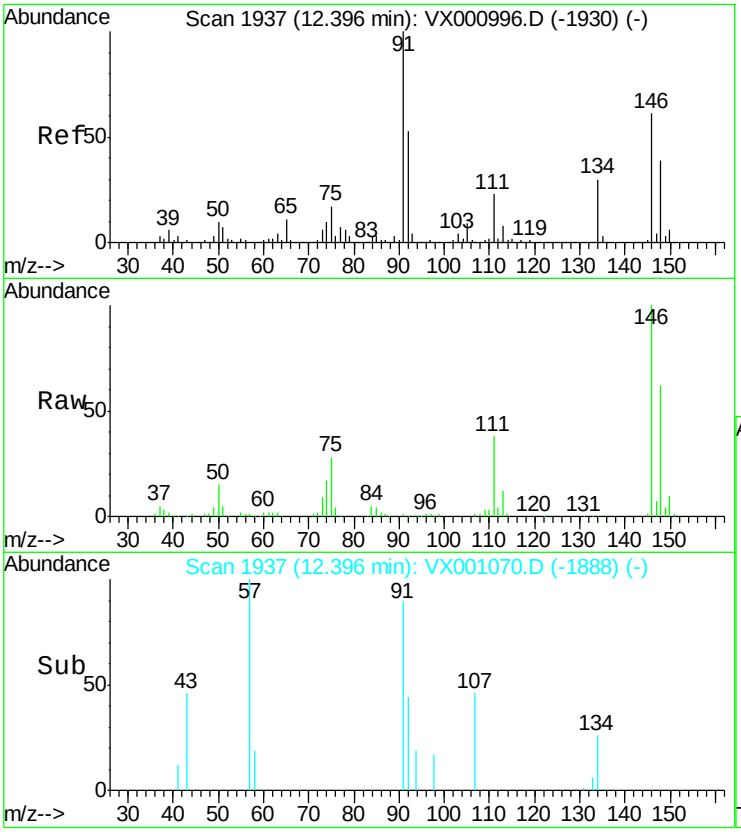


#90
Hexachloroethane
Concen: 0.30 ug/l
RT: 12.76 min Scan# 1997
Delta R.T. 0.16 min
Lab File: VX001070.D
Acq: 23 Apr 2018 20:09

Tgt Ion:117 Resp: 357

Ion	Ratio	Lower	Upper
117	100		
201	0.0	52.3	157.1#





#91
1,2-Dichlorobenzene
Concen: 9.97 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX001070.D
Acq: 23 Apr 2018 20:09

Instrument :
MSVOA_X
ClientSampleId :
LF015RW050-180417

Tgt Ion:146 Resp: 46709

Ion	Ratio	Lower	Upper
146	100		
111	38.6	18.6	56.0
148	64.2	32.3	96.8