Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX041418\
Data File : VX000871.D
Acq On : 14 Apr 2018 13:42
Operator : JC/MD
Sample : J2353-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : LF012MW003-180410

Quant Time: Apr 16 05:50:08 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 10 15:49:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.67	168	253017	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	340651	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	311590	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	206217	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	147495	46.23	ug/l		0.00
Spiked Amount 50.000			Recovery = 92.46%				
35) Dibromofluoromethane	5.51	113	119603	45.57	ug/l		0.00
Spiked Amount 50.000			Recovery = 91.14%				
50) Toluene-d8	8.72	98	465502	47.64	ug/l		0.00
Spiked Amount 50.000			Recovery = 95.28%				
62) 4-Bromofluorobenzene	11.15	95	181262	44.83	ug/l		0.00
Spiked Amount 50.000			Recovery = 89.66%				
Target Compounds							Qvalue
3) Chloromethane	1.32	50	1815	0.74	ug/l		94
4) Vinyl Chloride	1.40	62	3281	1.19	ug/l		94
5) Bromomethane	1.66	94	513	Below Cal		#	51
6) Chloroethane	1.73	64	490	0.29	ug/l	#	78
10) Methyl Iodide	2.53	142	391	8.40	ug/l	#	89
11) Tert butyl alcohol	3.07	59	363	0.64	ug/l	#	2
13) Acrolein	2.31	56	319	1.16	ug/l		84
15) Acrylonitrile	3.17	53	782	0.65	ug/l	#	76
16) Acetone	2.45	43	4612	4.19	ug/l		94
17) Carbon Disulfide	2.57	76	1441	0.20	ug/l	#	92
20) Methylene Chloride	2.86	84	781	0.31	ug/l	#	88
21) trans-1,2-Dichloroethene	3.16	96	682	0.27	ug/l	#	67
25) 2-Butanone	4.72	43	1170	0.64	ug/l	#	77
27) cis-1,2-Dichloroethene	4.60	96	74617	25.68	ug/l		89
29) Tetrahydrofuran	5.18	42	377	0.33	ug/l	#	46
36) 1,1-Dichloropropene	5.67	75	15651	4.17	ug/l	#	49
38) Carbon Tetrachloride	5.67	117	21972	5.23	ug/l	#	14
65) Chlorobenzene	10.15	112	33265	4.24	ug/l		99
76) 1,2,3-Trichloropropane	11.14	75	89441	25.15	ug/l	#	36
81) trans-1,4-Dichloro-2-buten	11.14	75	89441	69.18	ug/l	#	11
91) 1,2-Dichlorobenzene	12.40	146	9686	1.41	ug/l		97

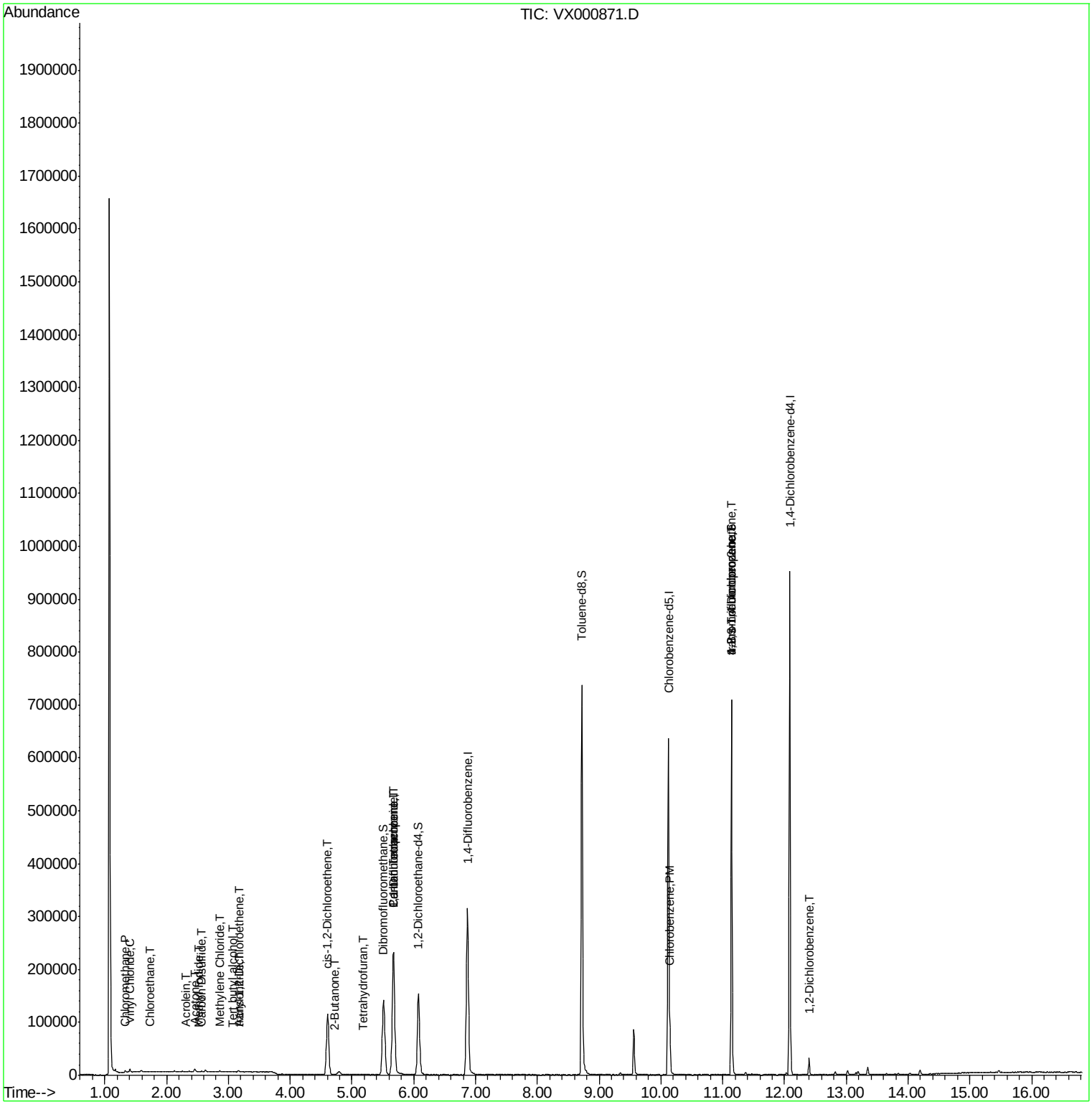
(#) = qualifier out of range (m) = manual integration (+) = signals summed

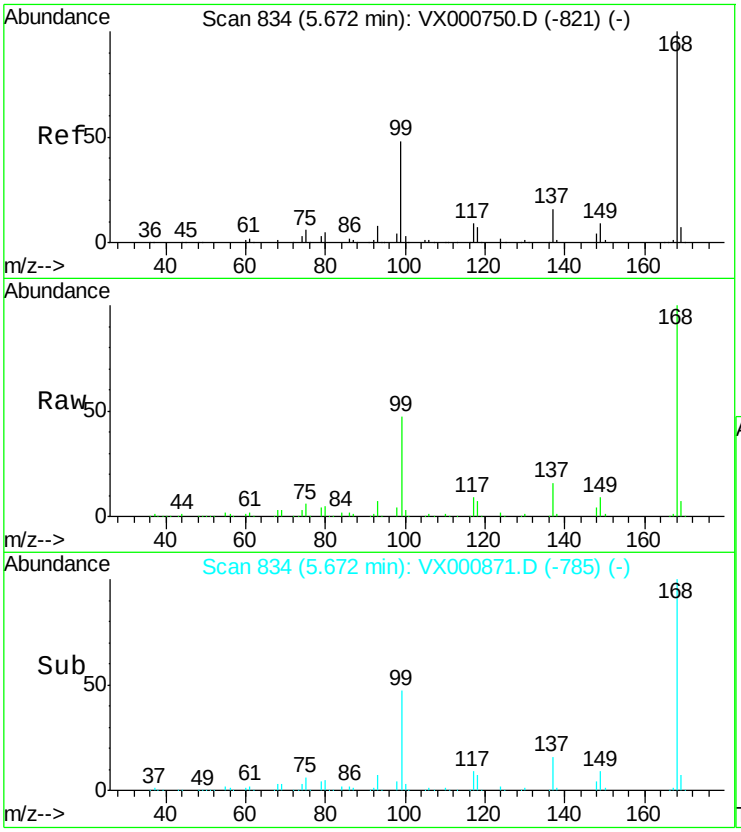
Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX041418\
Data File : VX000871.D
Acq On : 14 Apr 2018 13:42
Operator : JC/MD
Sample : J2353-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
LF012MW003-180410

Quant Time: Apr 16 05:50:08 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 10 15:49:28 2018
Response via : Initial Calibration



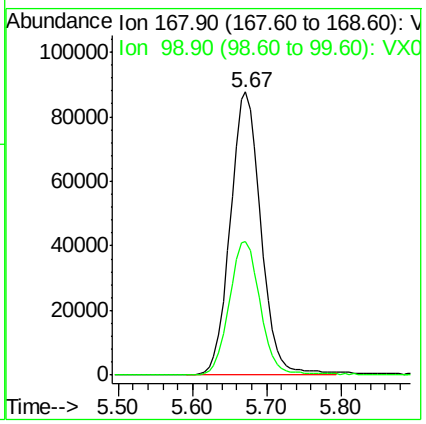


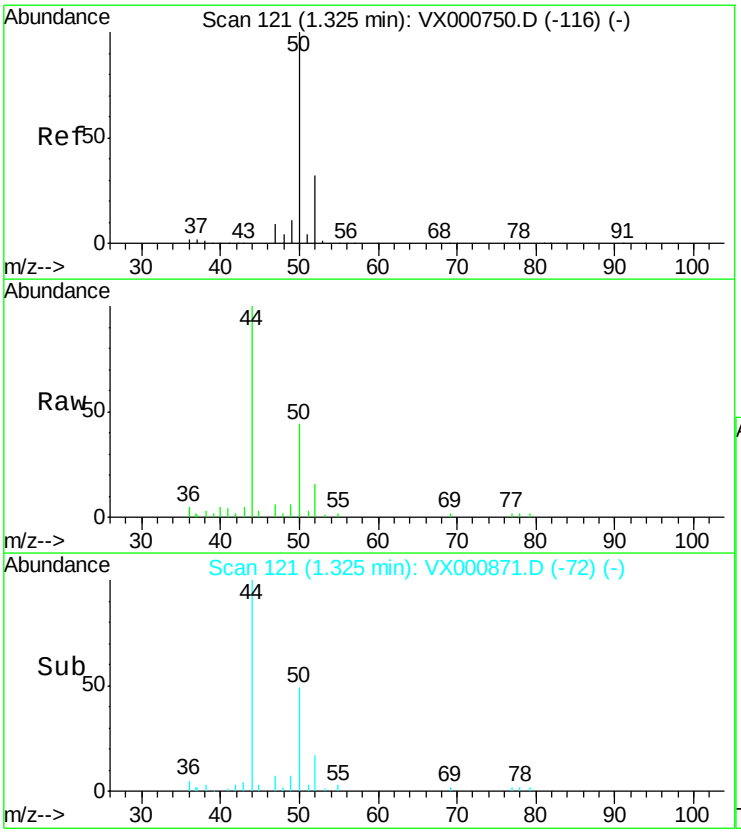
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.00 min
Lab File: VX000871.D
Acq: 14 Apr 2018 13:42

Instrument :
MSVOA_X
ClientSampleId :
LF012MW003-180410

Tgt Ion:168 Resp: 253017

Ion	Ratio	Lower	Upper
168	100		
99	47.2	38.3	57.5

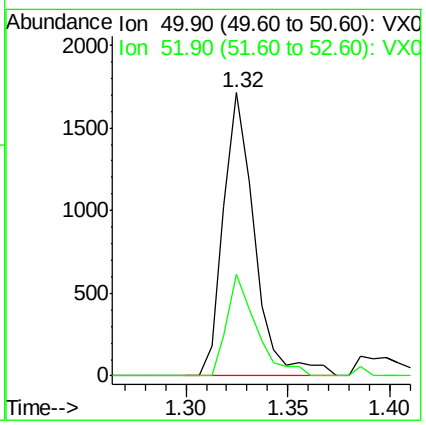


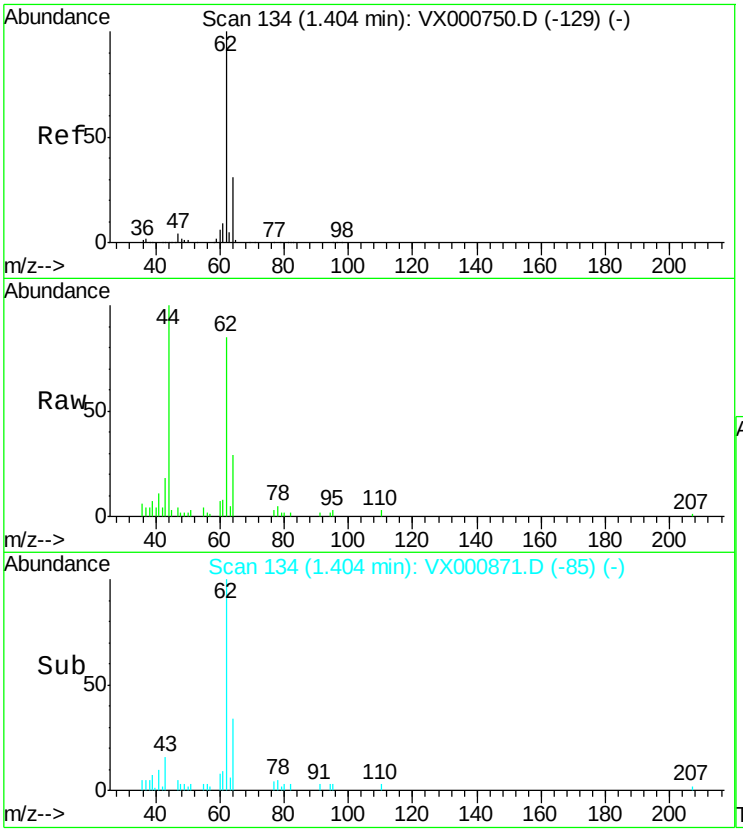


#3
Chloromethane
Concen: 0.74 ug/l
RT: 1.32 min Scan# 121
Delta R.T. -0.00 min
Lab File: VX000871.D
Acq: 14 Apr 2018 13:42

Tgt Ion: 50 Resp: 1815

Ion	Ratio	Lower	Upper
50	100		
52	35.7	25.8	38.8



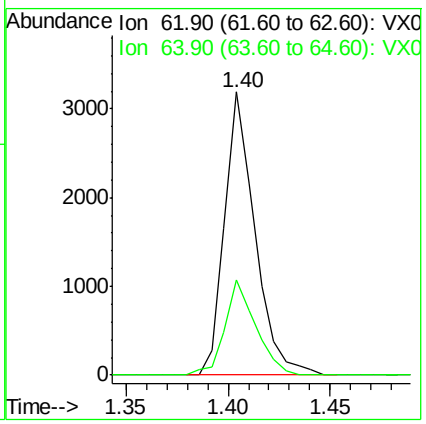


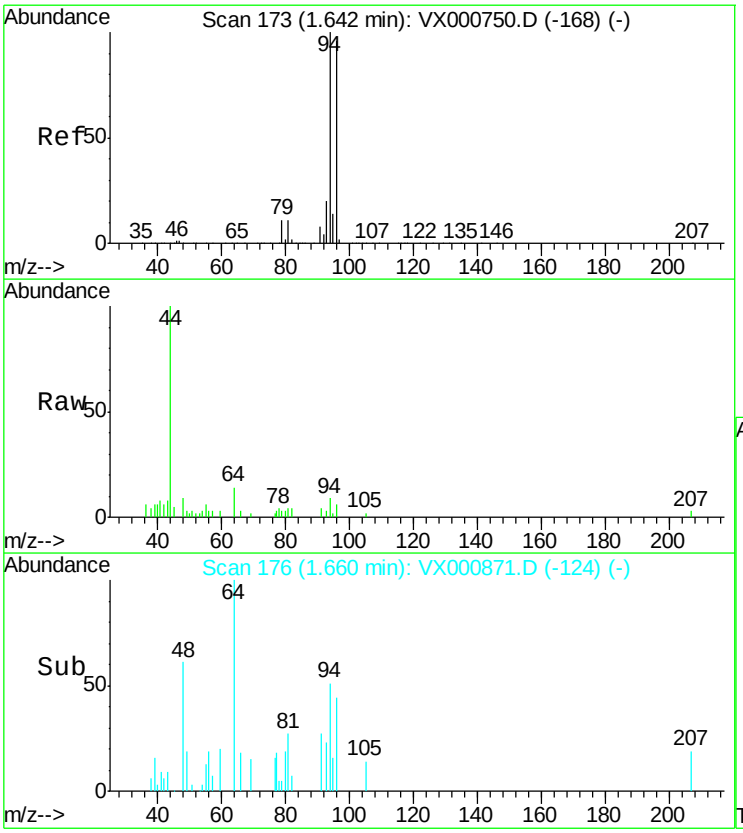
#4
Vinyl Chloride
Concen: 1.19 ug/l
RT: 1.40 min Scan# 134
Delta R.T. -0.00 min
Lab File: VX000871.D
Acq: 14 Apr 2018 13:42

Instrument :
MSVOA_X
ClientSampleId :
LF012MW003-180410

Tgt Ion: 62 Resp: 3281

Ion	Ratio	Lower	Upper
62	100		
64	33.7	24.6	36.8

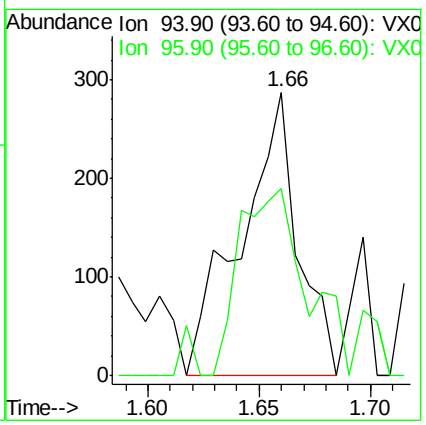


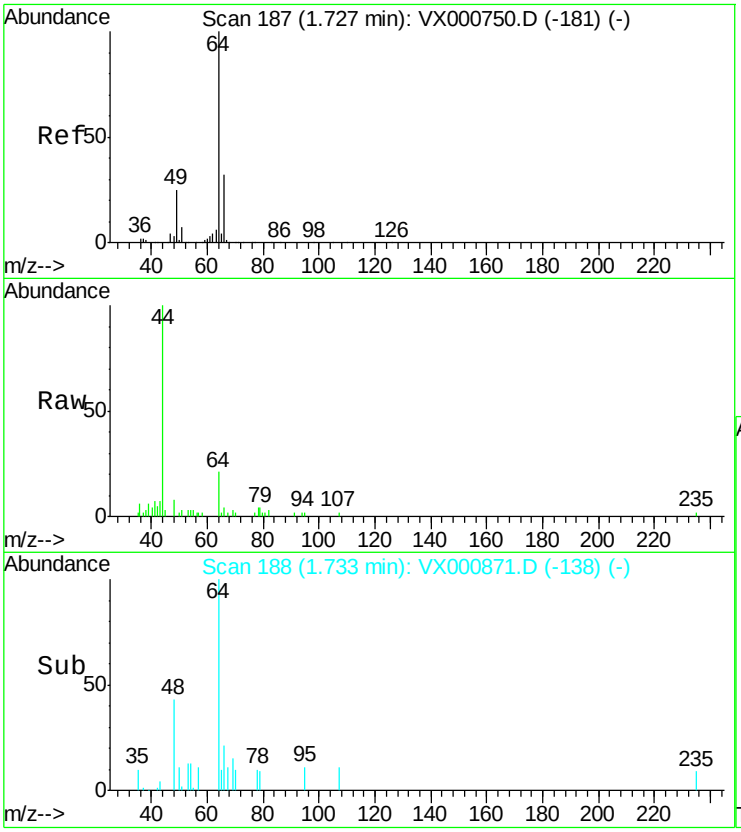


#5
Bromomethane
Concen: Below Cal
RT: 1.66 min Scan# 176
Delta R.T. 0.02 min
Lab File: VX000871.D
Acq: 14 Apr 2018 13:42

Tgt Ion: 94 Resp: 513

Ion	Ratio	Lower	Upper
94	100		
96	48.1	77.0	115.6#



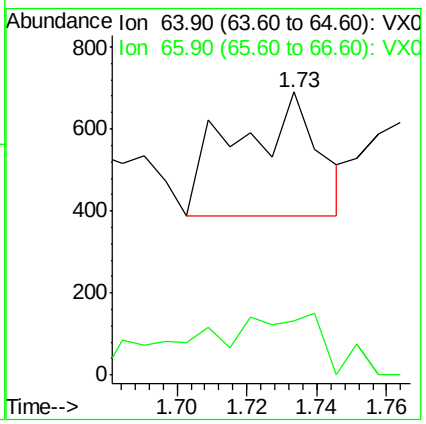


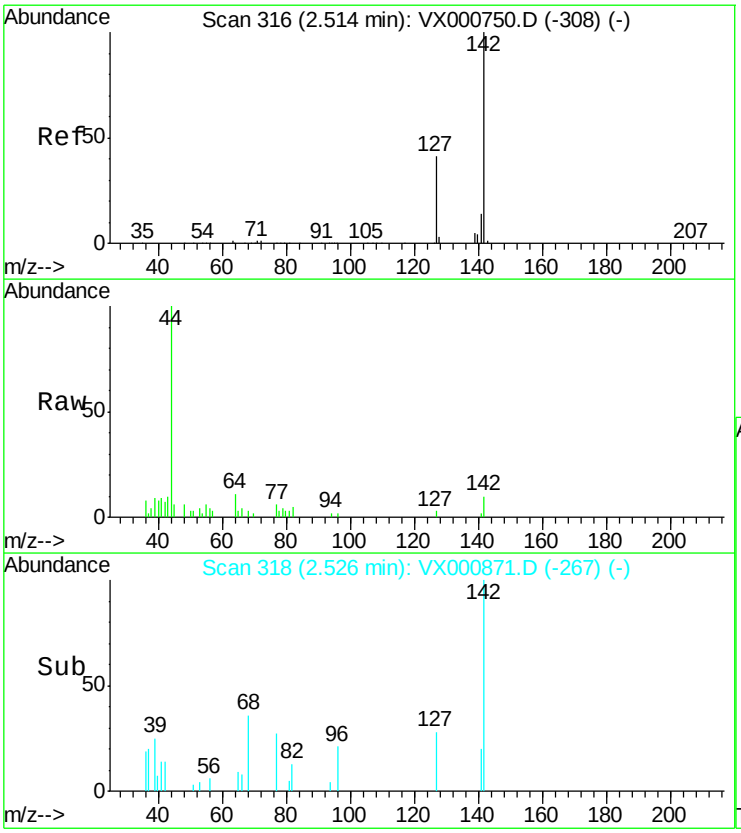
#6
Chloroethane
Concen: 0.29 ug/l
RT: 1.73 min Scan# 188
Delta R.T. 0.01 min
Lab File: VX000871.D
Acq: 14 Apr 2018 13:42

Instrument :
MSVOA_X
ClientSampleId :
LF012MW003-180410

Tgt Ion: 64 Resp: 490

Ion	Ratio	Lower	Upper
64	100		
66	44.0	25.3	37.9#

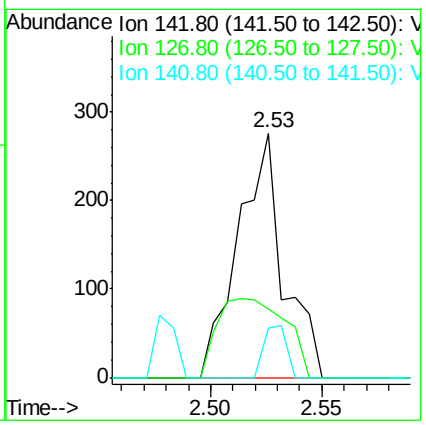


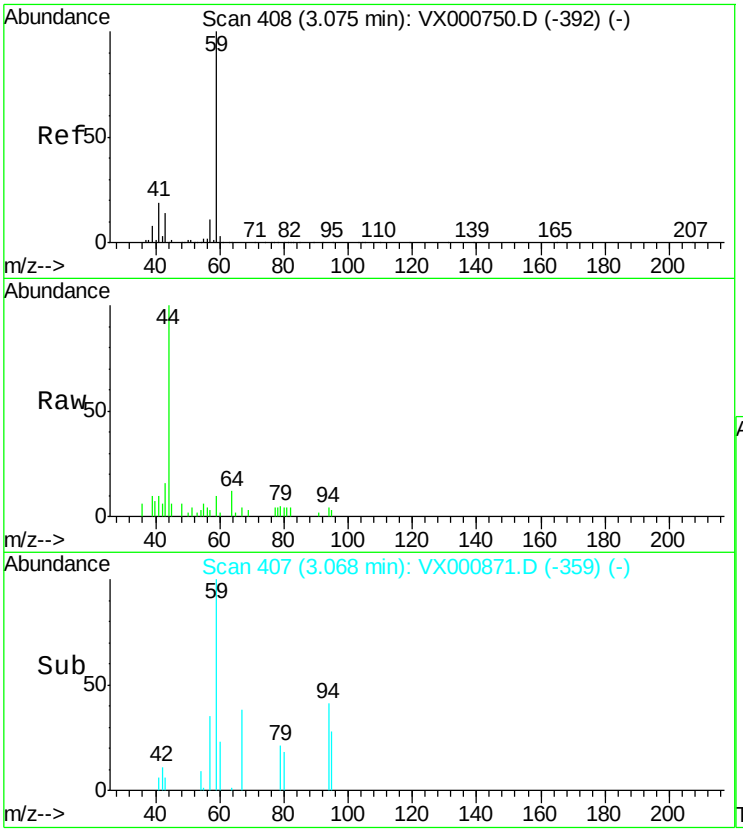


#10
Methyl Iodide
Concen: 8.40 ug/l
RT: 2.53 min Scan# 318
Delta R.T. 0.01 min
Lab File: VX000871.D
Acq: 14 Apr 2018 13:42

Tgt Ion:142 Resp: 391

Ion	Ratio	Lower	Upper
142	100		
127	48.3	32.6	49.0
141	10.7	11.5	17.3#



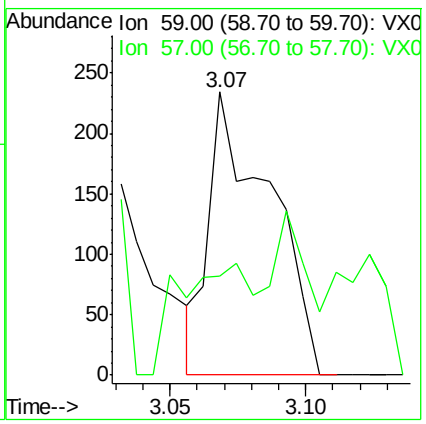


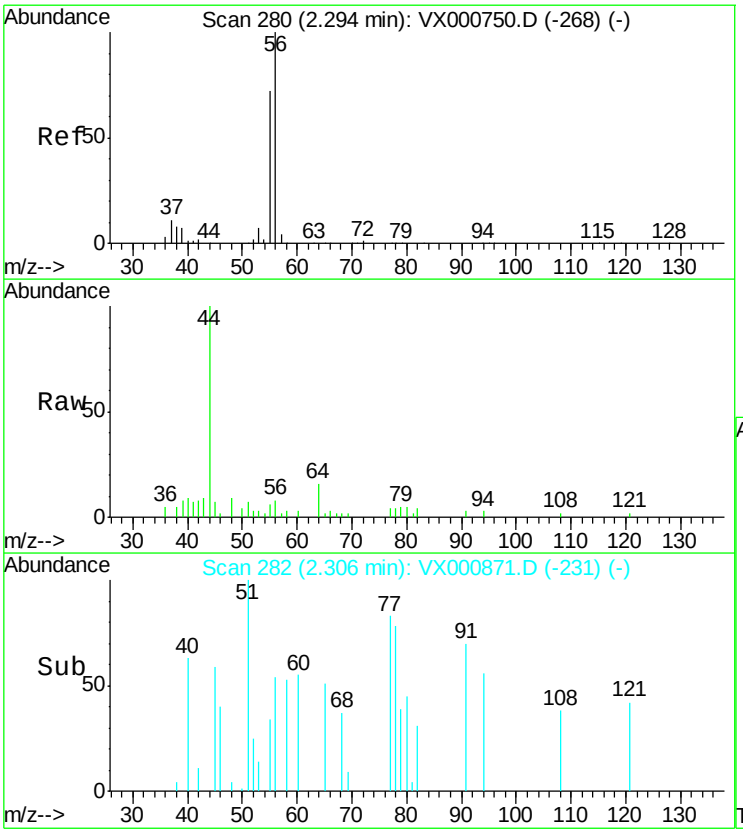
#11
Tert butyl alcohol
Concen: 0.64 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.01 min
Lab File: VX000871.D
Acq: 14 Apr 2018 13:42

Instrument :
MSVOA_X
ClientSampleId :
LF012MW003-180410

Tgt Ion: 59 Resp: 363

Ion	Ratio	Lower	Upper
59	100		
57	47.4	8.4	12.6#

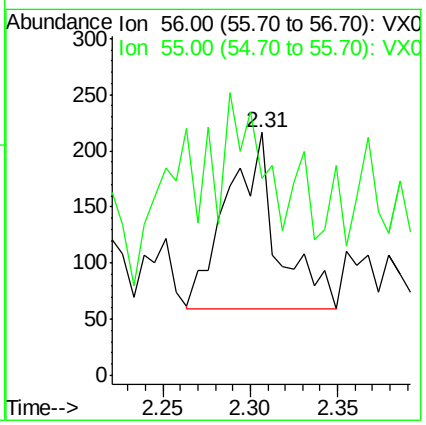


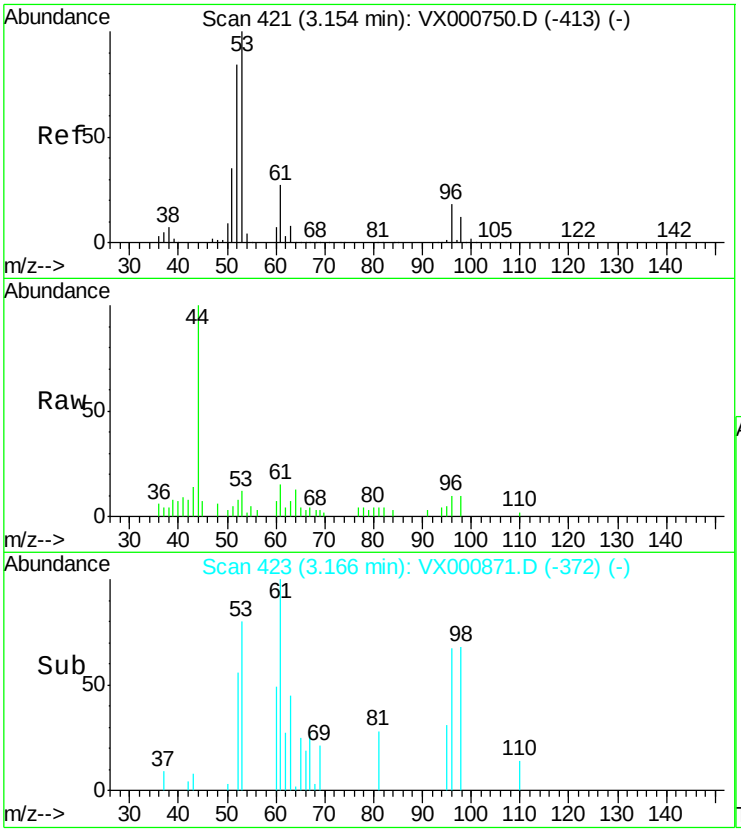


#13
Acrolein
Concen: 1.16 ug/l
RT: 2.31 min Scan# 282
Delta R.T. 0.01 min
Lab File: VX000871.D
Acq: 14 Apr 2018 13:42

Tgt Ion: 56 Resp: 319

Ion	Ratio	Lower	Upper
56	100		
55	60.2	58.7	88.1



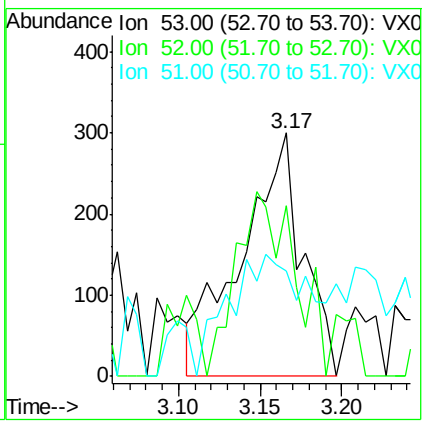


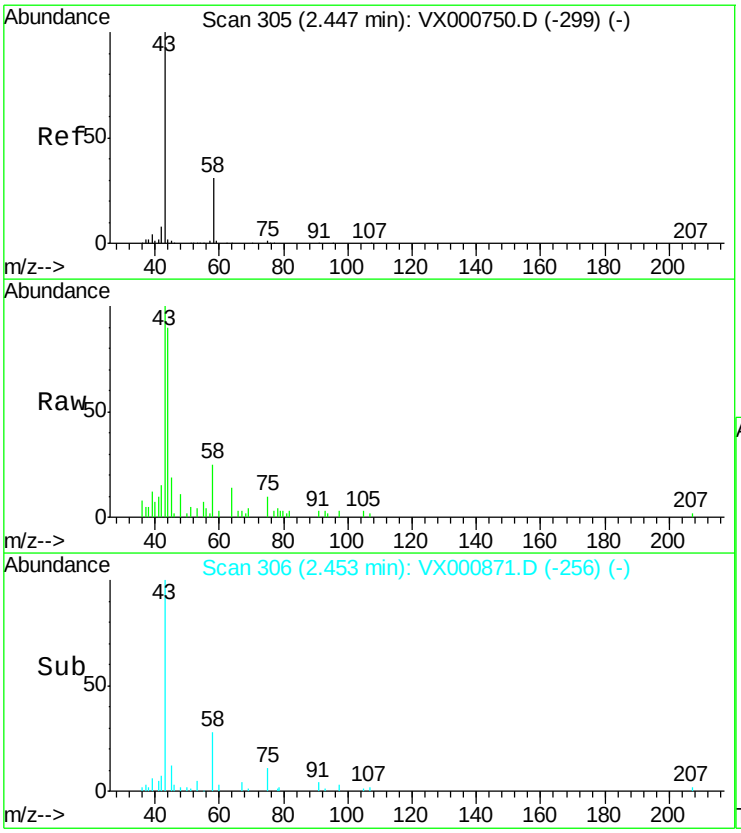
#15
Acrylonitrile
Concen: 0.65 ug/l
RT: 3.17 min Scan# 423
Delta R.T. 0.01 min
Lab File: VX000871.D
Acq: 14 Apr 2018 13:42

Instrument :
MSVOA_X
ClientSampleId :
LF012MW003-180410

Tgt Ion: 53 Resp: 782

Ion	Ratio	Lower	Upper
53	100		
52	72.1	66.5	99.7
51	65.5	28.8	43.2#

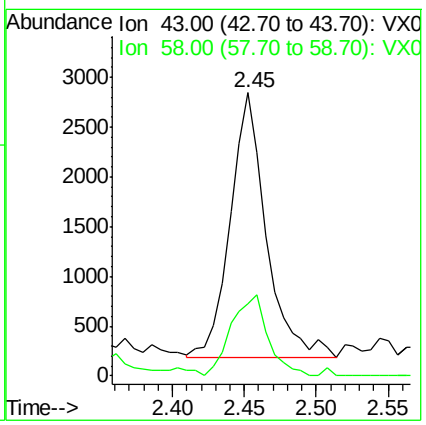


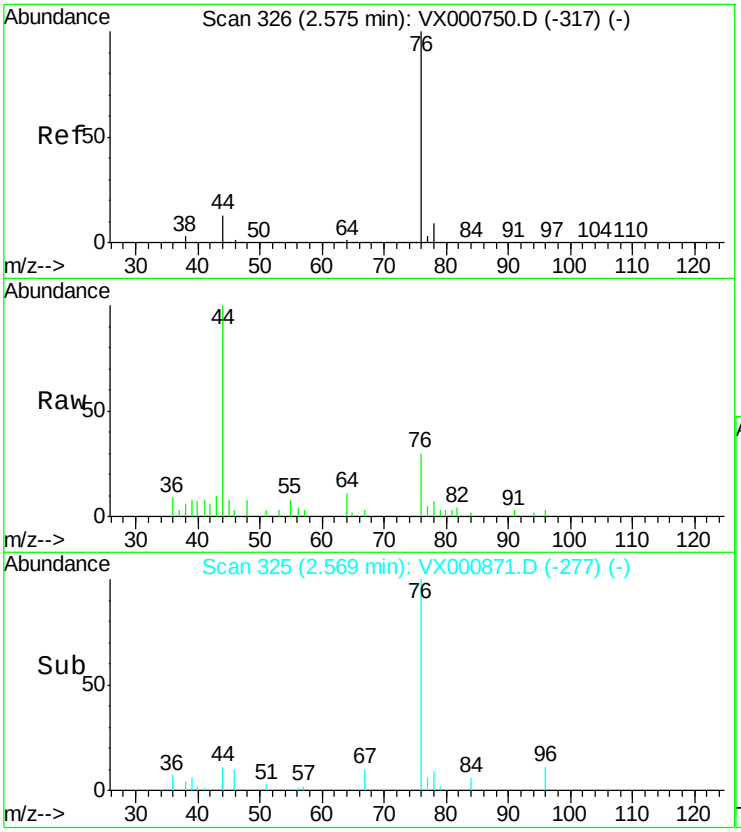


#16
Acetone
Concen: 4.19 ug/l
RT: 2.45 min Scan# 306
Delta R.T. 0.01 min
Lab File: VX000871.D
Acq: 14 Apr 2018 13:42

Tgt Ion: 43 Resp: 4612

Ion	Ratio	Lower	Upper
43	100		
58	27.2	24.6	37.0



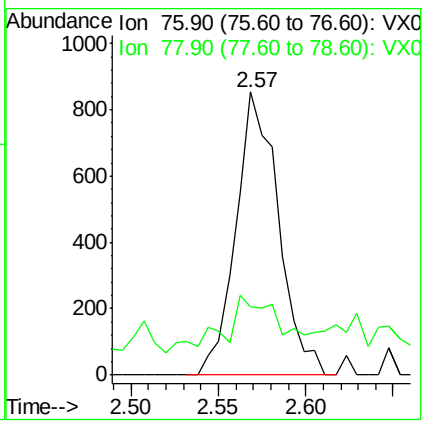


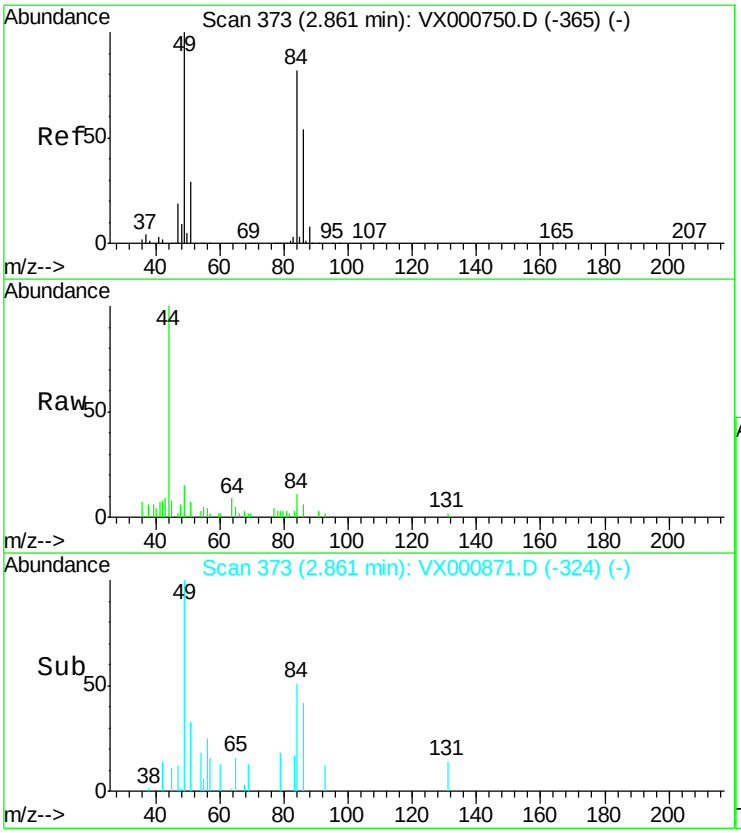
#17
Carbon Disulfide
Concen: 0.20 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.01 min
Lab File: VX000871.D
Acq: 14 Apr 2018 13:42

Instrument : MSVOA_X
ClientSampleId : LF012MW003-180410

Tgt Ion: 76 Resp: 1441

Ion	Ratio	Lower	Upper
76	100		
78	12.2	7.4	11.2#

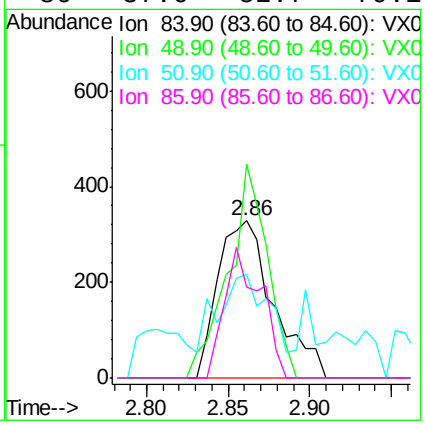


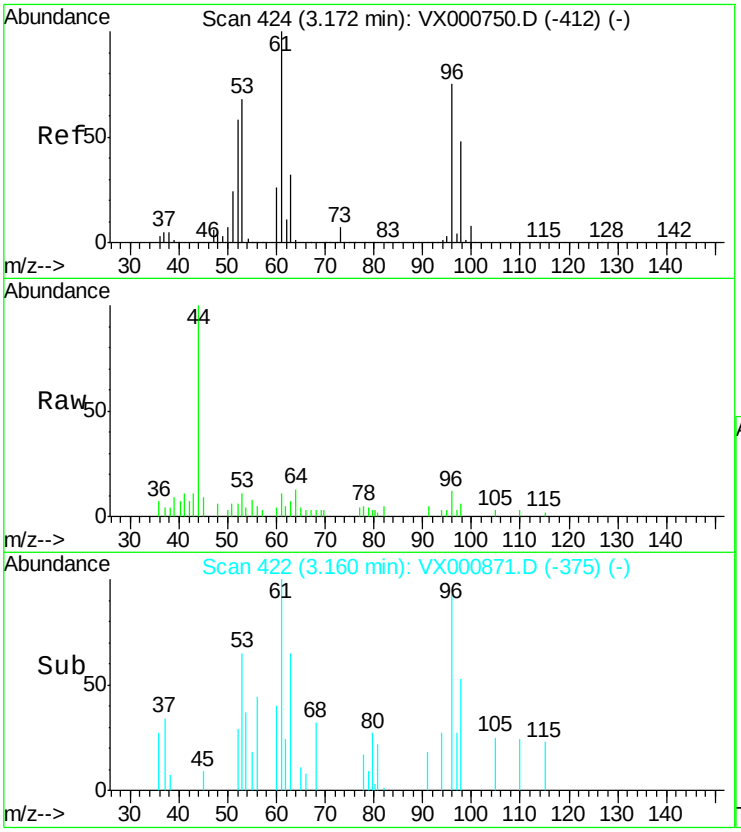


#20
Methylene Chloride
Concen: 0.31 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX000871.D
Acq: 14 Apr 2018 13:42

Tgt Ion: 84 Resp: 781

Ion	Ratio	Lower	Upper
84	100		
49	136.0	98.1	147.1
51	45.1	28.9	43.3#
86	57.6	52.7	79.1



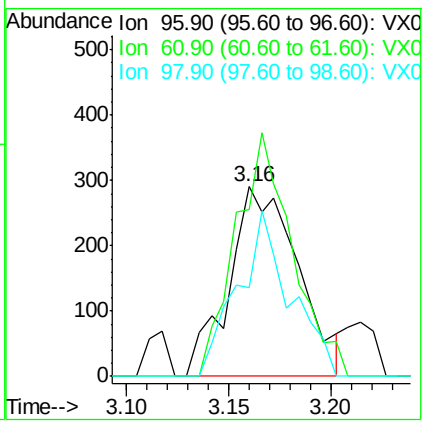


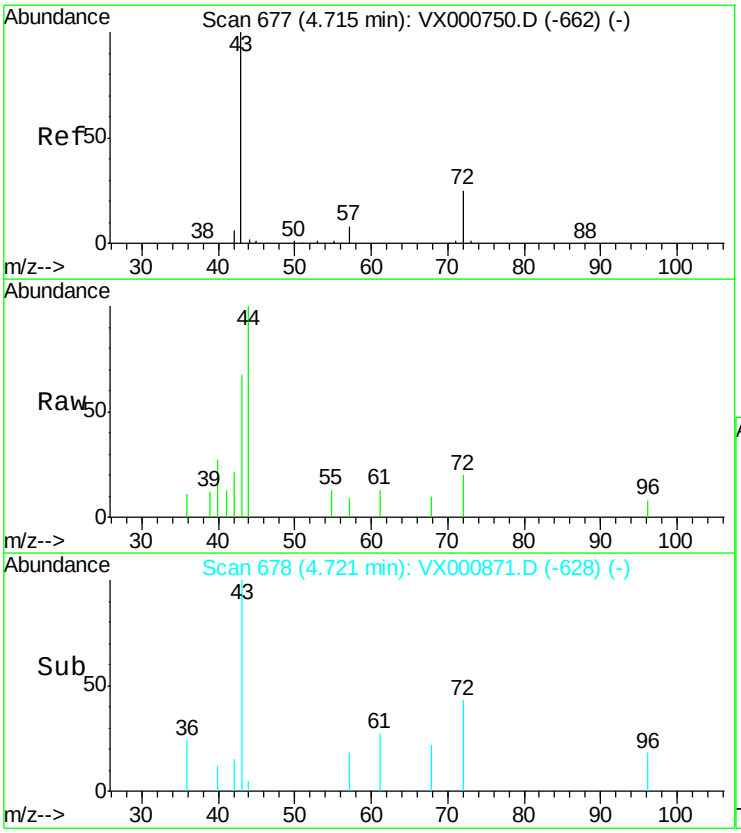
#21
trans-1,2-Dichloroethene
Concen: 0.27 ug/l
RT: 3.16 min Scan# 422
Delta R.T. -0.01 min
Lab File: VX000871.D
Acq: 14 Apr 2018 13:42

Instrument :
MSVOA_X
ClientSampleId :
LF012MW003-180410

Tgt Ion: 96 Resp: 682

Ion	Ratio	Lower	Upper
96	100		
61	87.9	106.2	159.2#
98	46.9	51.2	76.8#

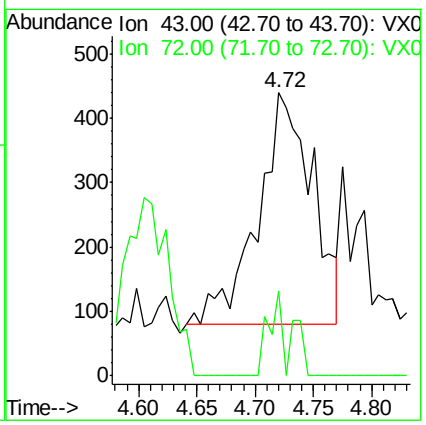


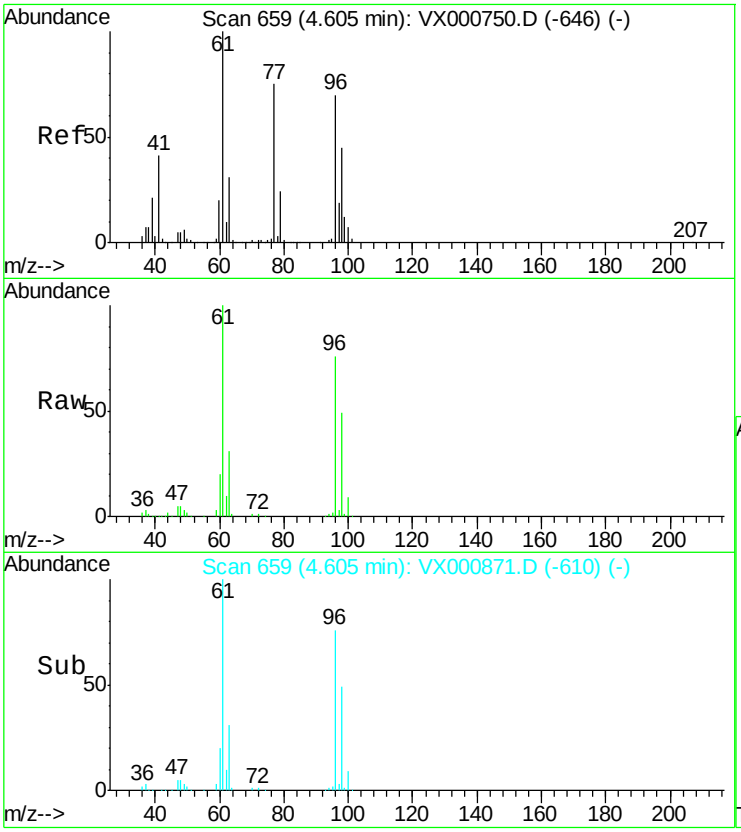


#25
2-Butanone
Concen: 0.64 ug/l
RT: 4.72 min Scan# 678
Delta R.T. 0.01 min
Lab File: VX000871.D
Acq: 14 Apr 2018 13:42

Tgt Ion: 43 Resp: 1170

Ion	Ratio	Lower	Upper
43	100		
72	36.8	20.3	30.5#



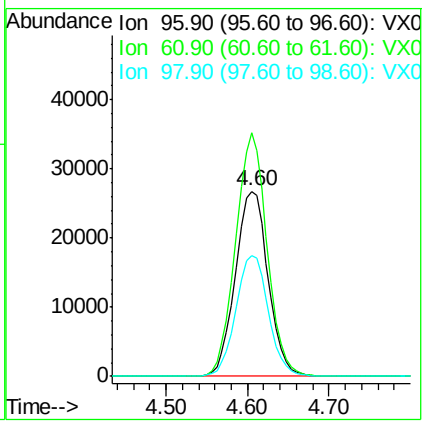


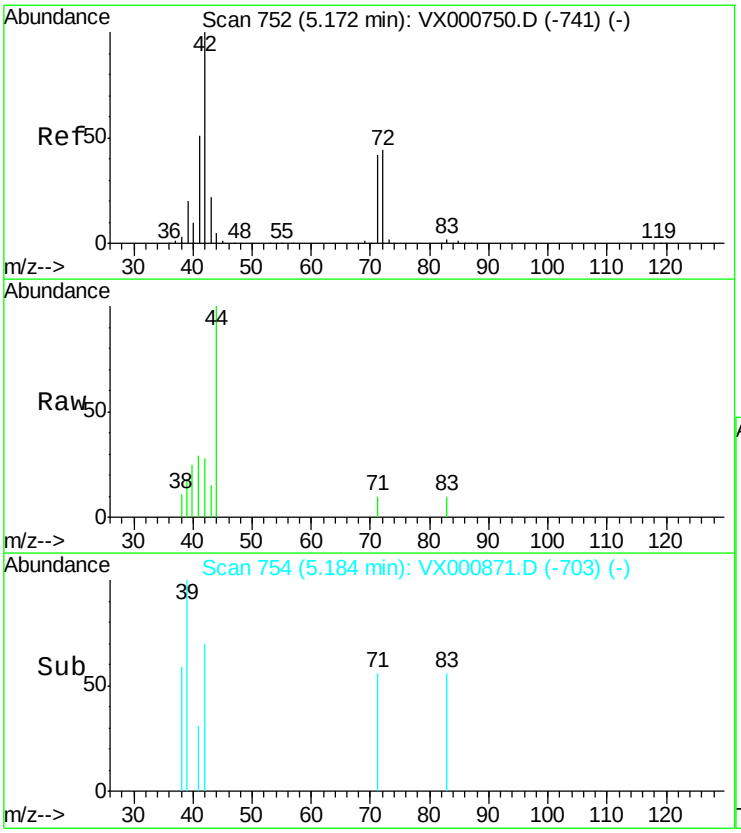
#27
cis-1,2-Dichloroethene
Concen: 25.68 ug/l
RT: 4.60 min Scan# 659
Delta R.T. -0.00 min
Lab File: VX000871.D
Acq: 14 Apr 2018 13:42

Instrument :
MSVOA_X
ClientSampleId :
LF012MW003-180410

Tgt Ion: 96 Resp: 74617

Ion	Ratio	Lower	Upper
96	100		
61	125.8	0.0	292.4
98	64.6	0.0	130.2

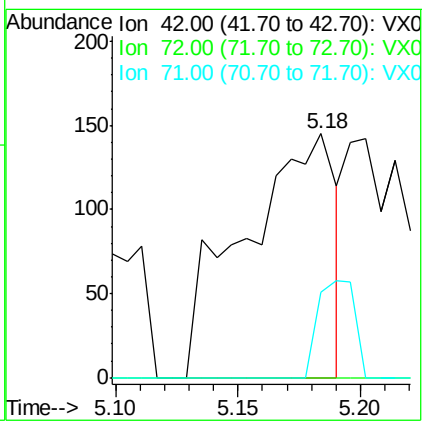


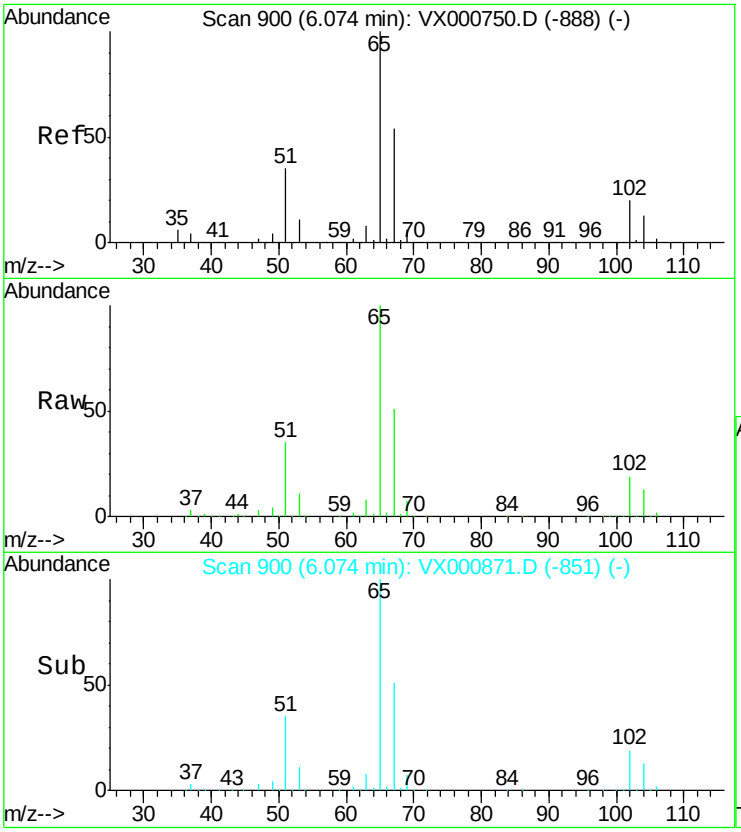


#29
Tetrahydrofuran
Concen: 0.33 ug/l
RT: 5.18 min Scan# 754
Delta R.T. 0.01 min
Lab File: VX000871.D
Acq: 14 Apr 2018 13:42

Tgt Ion: 42 Resp: 377

Ion	Ratio	Lower	Upper
42	100		
72	0.0	35.1	52.7#
71	16.2	32.8	49.2#



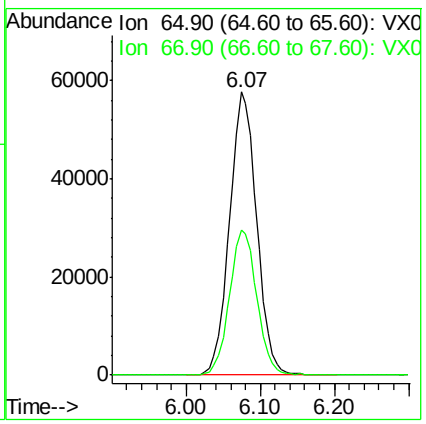


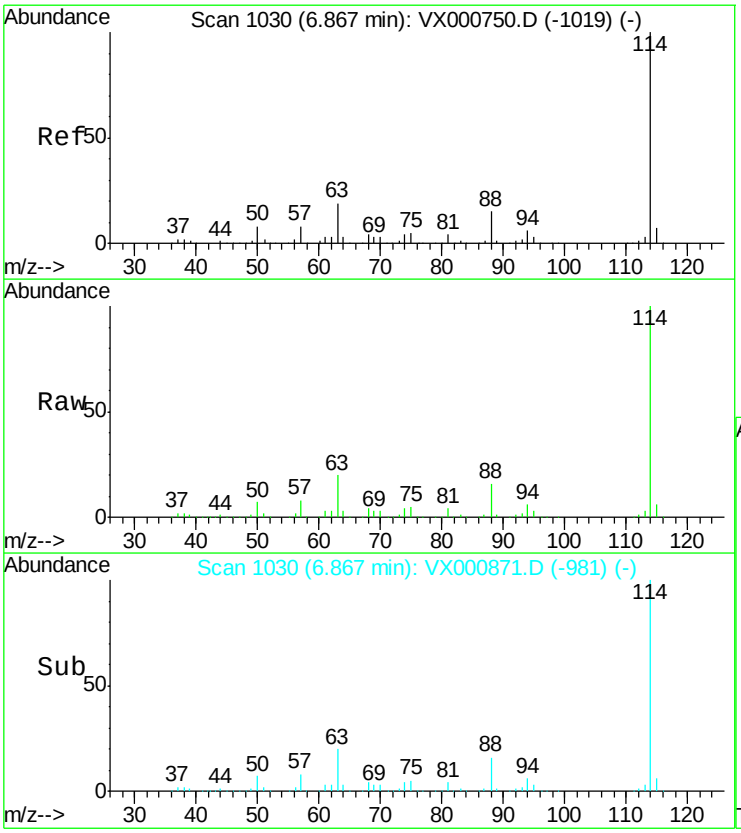
#33
1,2-Dichloroethane-d4
Concen: 46.23 ug/l
RT: 6.07 min Scan# 900
Delta R.T. -0.00 min
Lab File: VX000871.D
Acq: 14 Apr 2018 13:42

Instrument :
MSVOA_X
ClientSampleId :
LF012MW003-180410

Tgt Ion: 65 Resp: 147495

Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	103.8

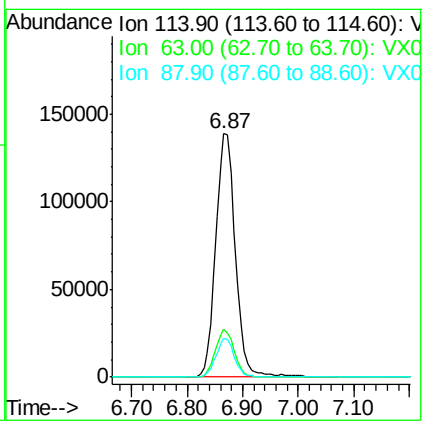


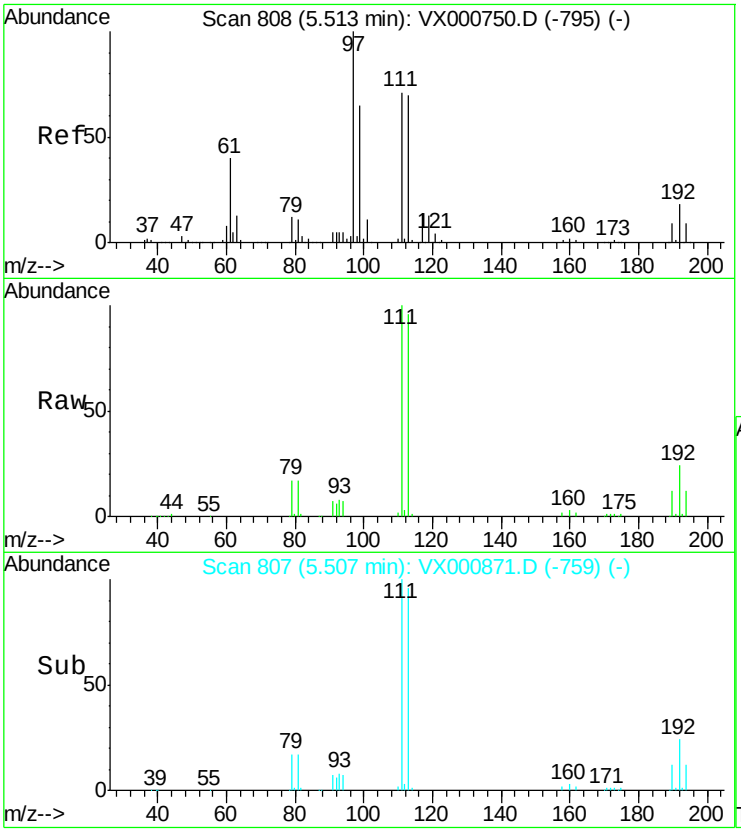


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VX000871.D
Acq: 14 Apr 2018 13:42

Tgt Ion:114 Resp: 340651

Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	38.4
88	15.8	0.0	31.0



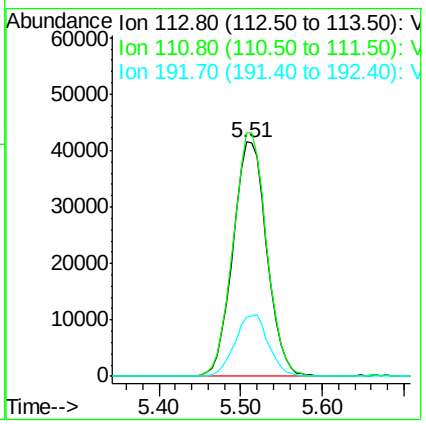


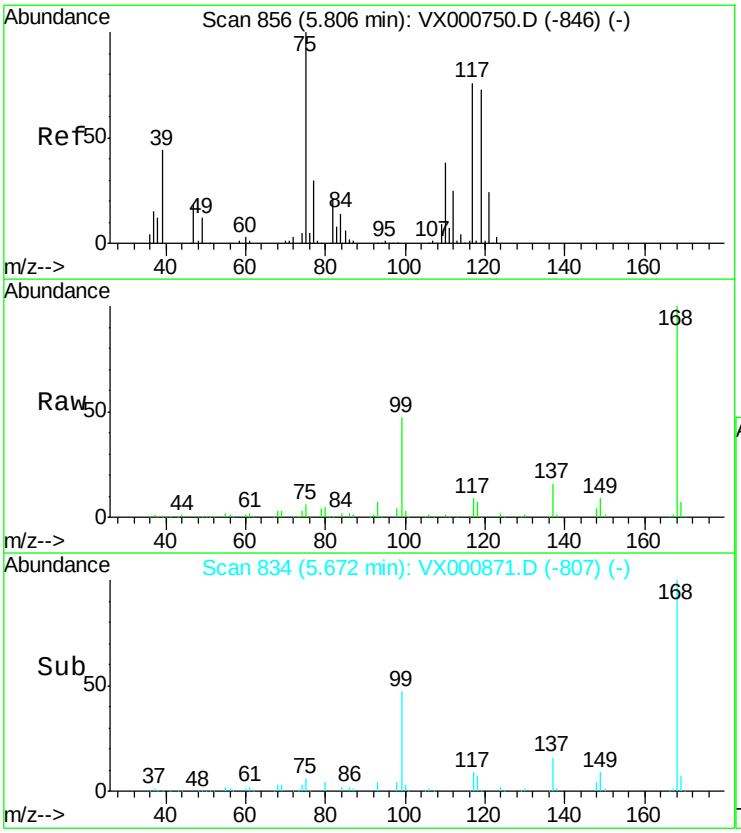
#35
Dibromofluoromethane
Concen: 45.57 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.01 min
Lab File: VX000871.D
Acq: 14 Apr 2018 13:42

Instrument :
MSVOA_X
ClientSampleId :
LF012MW003-180410

Tgt Ion:113 Resp: 119603

Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.5	122.3
192	26.0	20.4	30.6

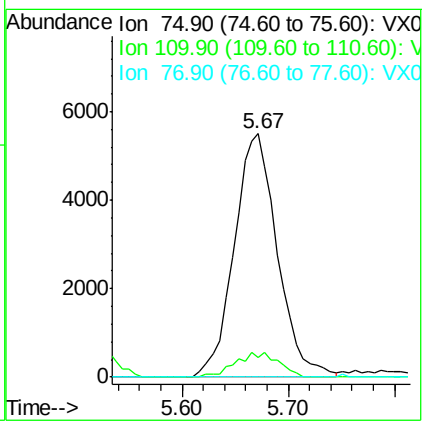


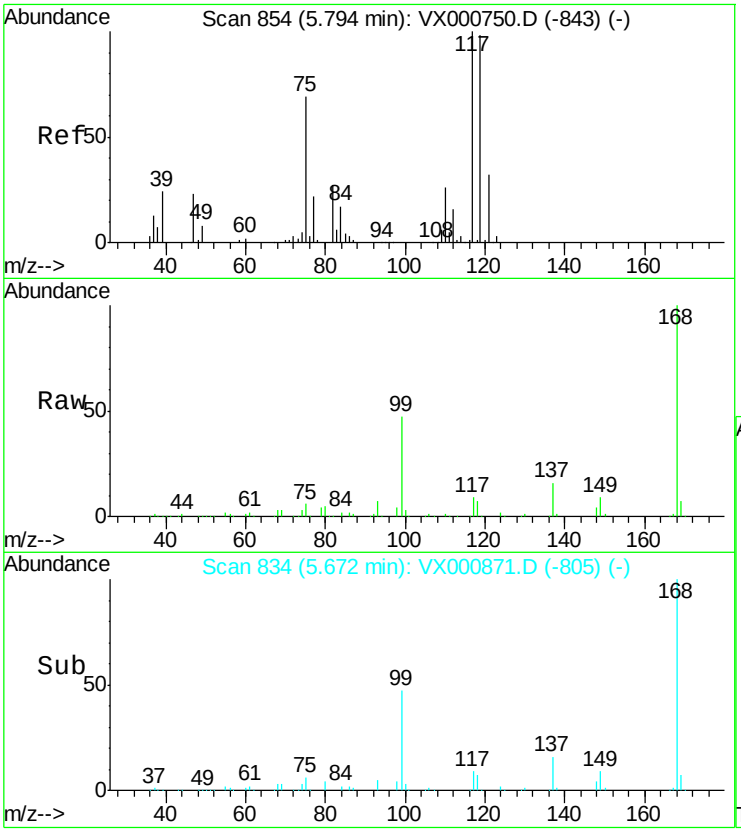


#36
1,1-Dichloropropene
Concen: 4.17 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.13 min
Lab File: VX000871.D
Acq: 14 Apr 2018 13:42

Tgt Ion: 75 Resp: 15651

Ion	Ratio	Lower	Upper
75	100		
110	10.1	19.2	57.6#
77	0.0	25.4	38.2#



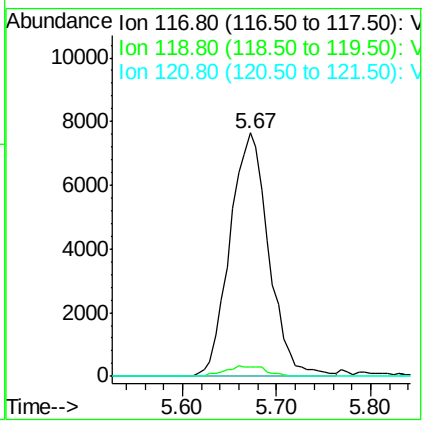


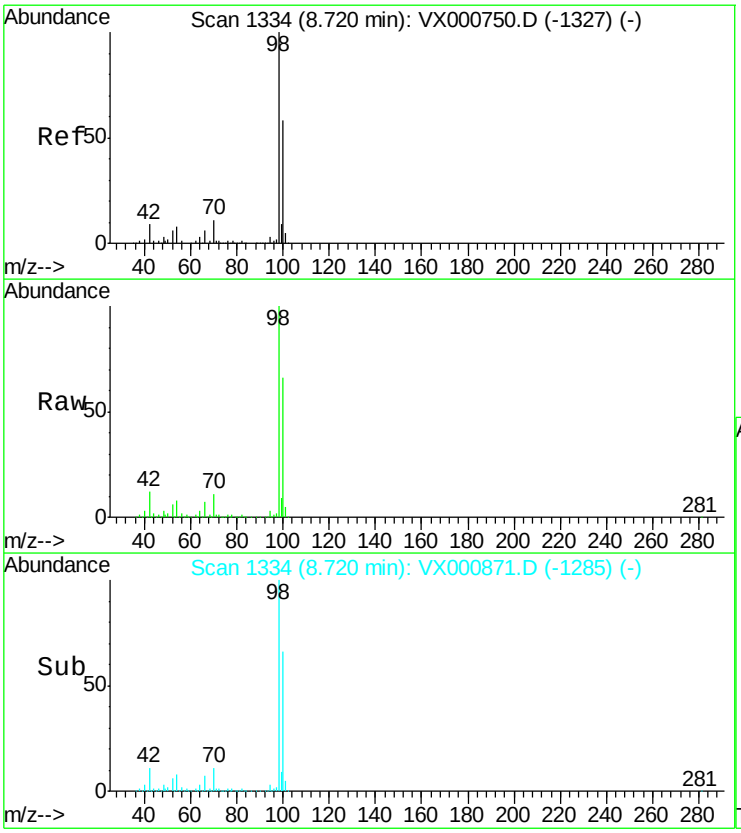
#38
Carbon Tetrachloride
Concen: 5.23 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.12 min
Lab File: VX000871.D
Acq: 14 Apr 2018 13:42

Instrument :
MSVOA_X
ClientSampleId :
LF012MW003-180410

Tgt Ion:117 Resp: 21972

Ion	Ratio	Lower	Upper
117	100		
119	3.8	78.4	117.6#
121	0.0	25.4	38.0#

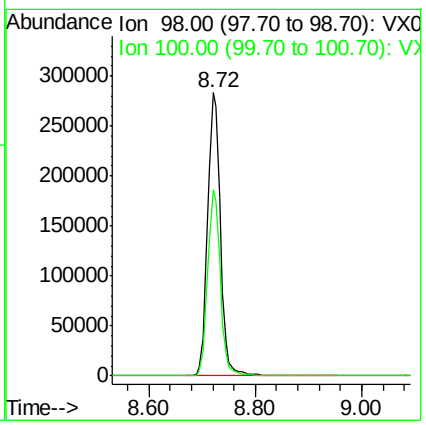


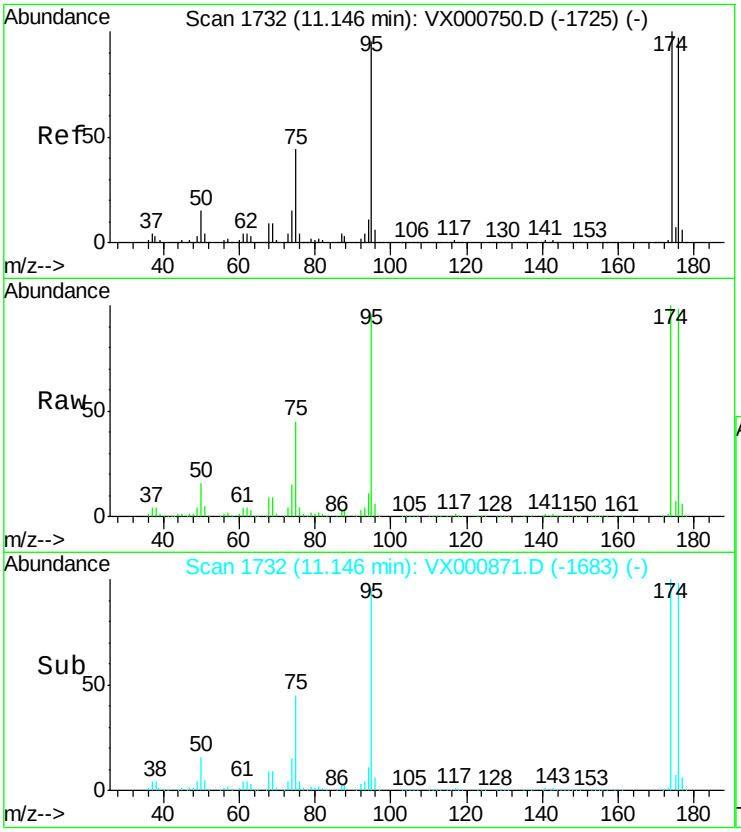


#50
Toluene-d8
Concen: 47.64 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX000871.D
Acq: 14 Apr 2018 13:42

Tgt Ion: 98 Resp: 465502

Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.6	79.0



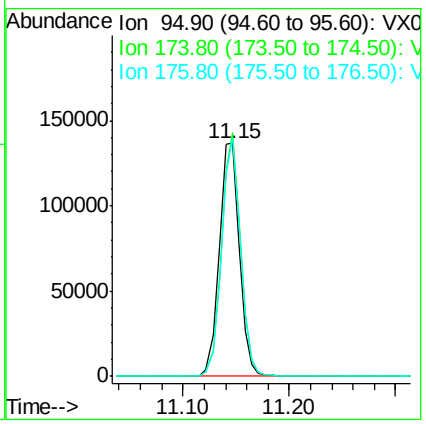


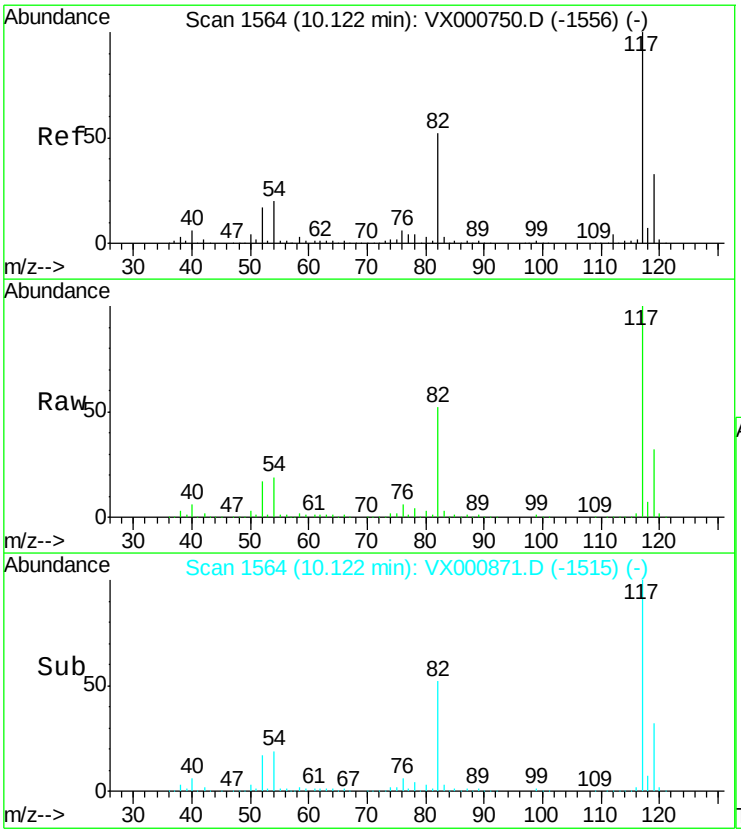
#62
4-Bromofluorobenzene
Concen: 44.83 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VX000871.D
Acq: 14 Apr 2018 13:42

Instrument :
MSVOA_X
ClientSampleId :
LF012MW003-180410

Tgt Ion: 95 Resp: 181262

Ion	Ratio	Lower	Upper
95	100		
174	97.8	0.0	198.4
176	96.0	0.0	194.4

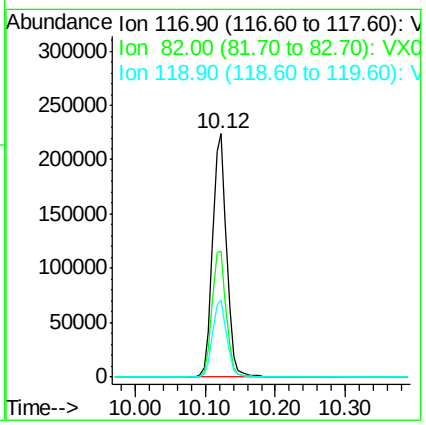


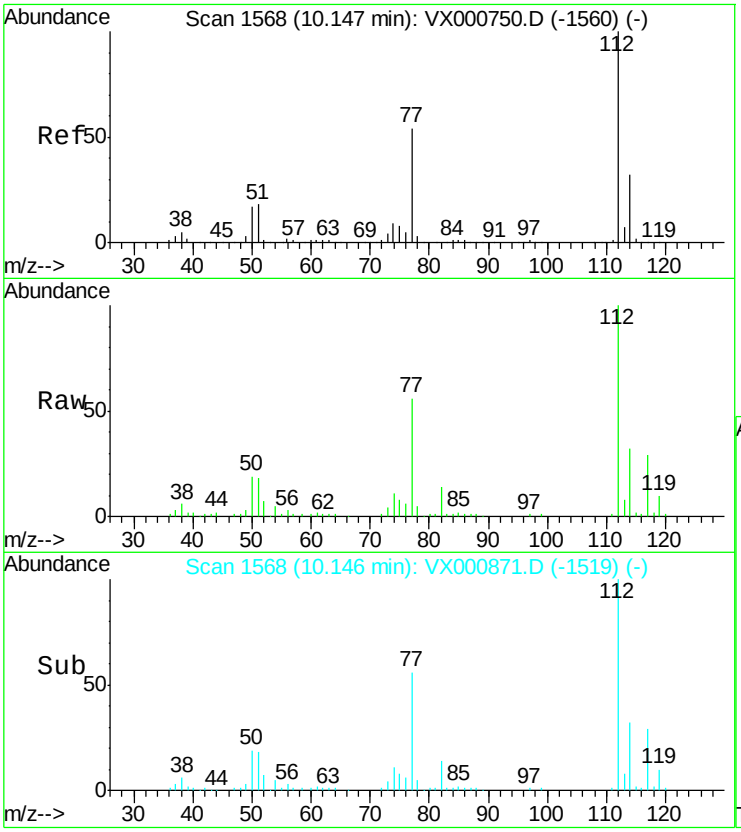


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000871.D
Acq: 14 Apr 2018 13:42

Tgt Ion:117 Resp: 311590

Ion	Ratio	Lower	Upper
117	100		
82	51.8	41.9	62.9
119	31.5	26.0	39.0



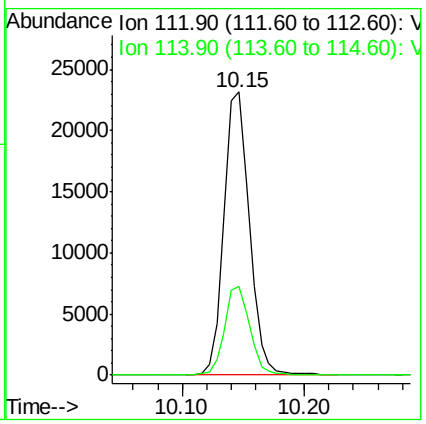


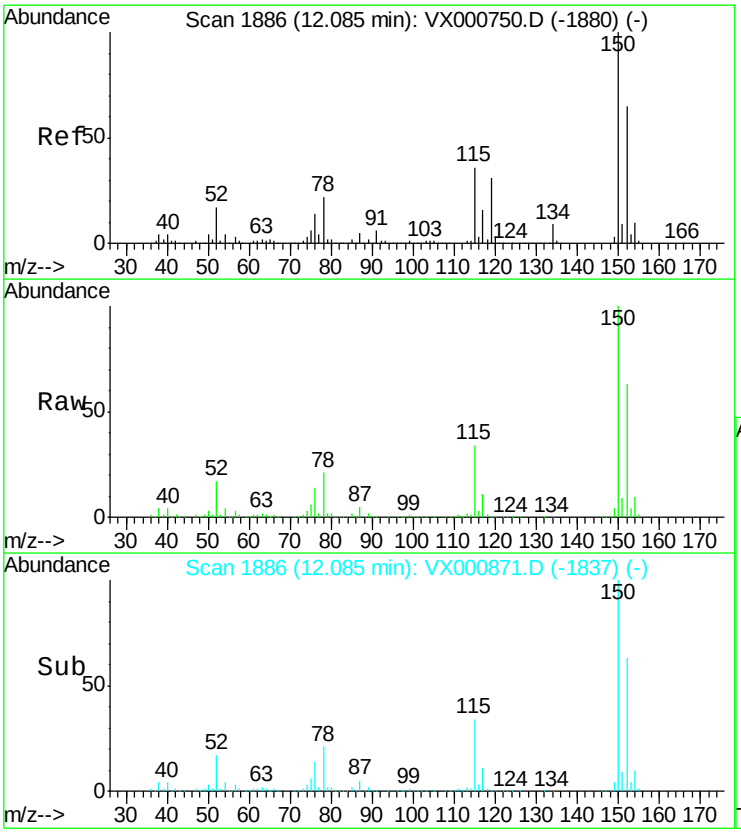
#65
Chlorobenzene
Concen: 4.24 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000871.D
Acq: 14 Apr 2018 13:42

Instrument :
MSVOA_X
ClientSampleId :
LF012MW003-180410

Tgt Ion:112 Resp: 33265

Ion	Ratio	Lower	Upper
112	100		
114	31.6	25.8	38.8

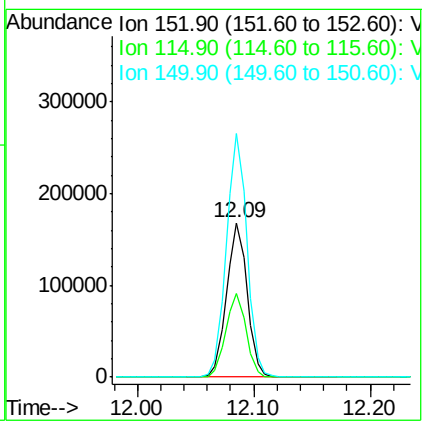


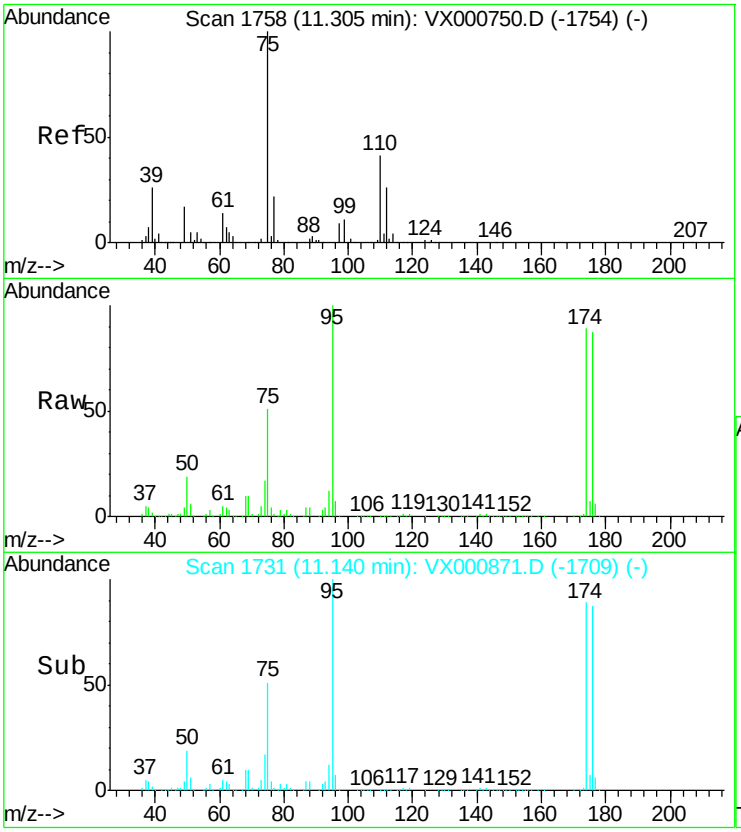


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000871.D
Acq: 14 Apr 2018 13:42

Tgt Ion:152 Resp: 206217

Ion	Ratio	Lower	Upper
152	100		
115	53.8	37.9	113.7
150	157.6	0.0	348.0



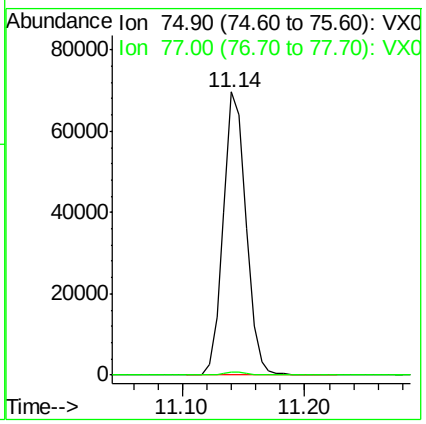


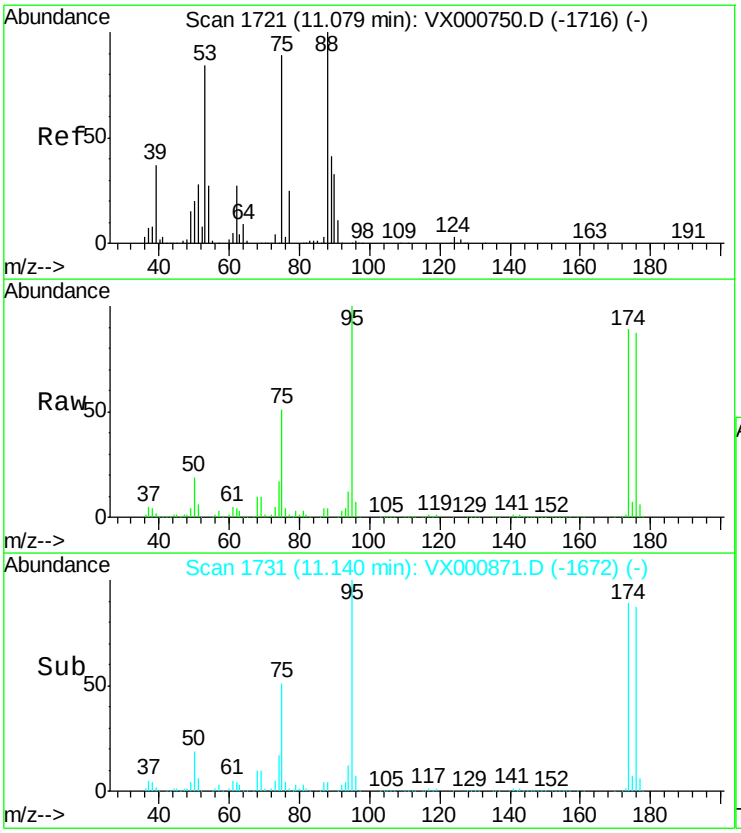
#76
1,2,3-Trichloropropane
Concen: 25.15 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX000871.D
Acq: 14 Apr 2018 13:42

Instrument :
MSVOA_X
ClientSampleId :
LF012MW003-180410

Tgt Ion: 75 Resp: 89441

Ion	Ratio	Lower	Upper
75	100		
77	1.1	20.5	61.5#

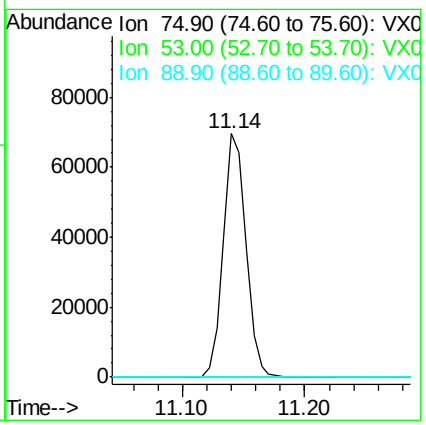


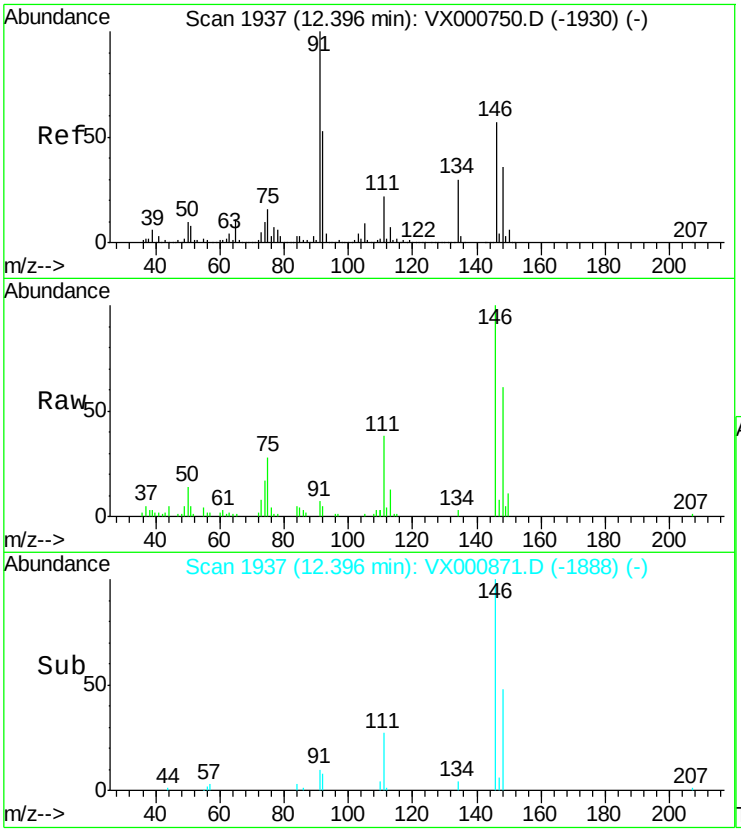


#81
trans-1,4-Dichloro-2-butene
Concen: 69.18 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX000871.D
Acq: 14 Apr 2018 13:42

Tgt Ion: 75 Resp: 89441

Ion	Ratio	Lower	Upper
75	100		
53	0.0	75.4	113.0#
89	0.0	40.9	61.3#





#91
1,2-Dichlorobenzene
Concen: 1.41 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX000871.D
Acq: 14 Apr 2018 13:42

Instrument :
MSVOA_X
ClientSampleId :
LF012MW003-180410

Tgt Ion:146 Resp: 9686

Ion	Ratio	Lower	Upper
146	100		
111	40.4	18.9	56.7
148	66.4	32.0	96.2