Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX042718\
Data File : VX001171.D
Acq On : 27 Apr 2018 15:37
Operator : JC/MD
Sample : J2463-10 1000X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : LF001MW001-180418DL

Quant Time: Apr 28 03:07:57 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	202530	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	281052	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	243681	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	128079	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	141541	45.08	ug/l	0.00
Spiked Amount 50.000			Recovery = 90.16%			
35) Dibromofluoromethane	5.51	113	109516	47.08	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.16%			
50) Toluene-d8	8.72	98	420069	47.85	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.70%			
62) 4-Bromofluorobenzene	11.14	95	139866	40.78	ug/l	0.00
Spiked Amount 50.000			Recovery = 81.56%			
Target Compounds						Qvalue
4) Vinyl Chloride	1.40	62	192037	81.369	ug/l	99
5) Bromomethane	1.65	94	452	Below Cal	#	68
10) Methyl Iodide	2.52	142	283	7.350	ug/l #	67
11) Tert butyl alcohol	3.09	59	128	0.207	ug/l #	72
13) Acrolein	2.31	56	150	0.641	ug/l #	1
15) Acrylonitrile	3.17	53	452	0.342	ug/l #	49
16) Acetone	2.45	43	3319	2.571	ug/l	98
20) Methylene Chloride	2.87	84	490	0.204	ug/l #	61
25) 2-Butanone	4.71	43	1960	1.015	ug/l #	90
27) cis-1,2-Dichloroethene	4.60	96	6673	2.692	ug/l	89
31) Cyclohexane	5.67	56	3534	1.059	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	12512	4.040	ug/l #	44
38) Carbon Tetrachloride	5.67	117	17510	5.514	ug/l #	15
51) 4-Methyl-2-Pentanone	8.66	43	15335	4.008	ug/l	98
52) Toluene	8.79	92	9806	1.674	ug/l	96
54) cis-1,3-Dichloropropene	9.04	75	101	3.212	ug/l #	66
60) Dibromochloromethane	9.34	129	39	3.359	ug/l #	11
65) Chlorobenzene	10.14	112	1940	0.304	ug/l	95
68) m/p-Xylenes	10.36	106	1455	0.355	ug/l	91
69) o-Xylene	10.71	106	810	0.204	ug/l	97
76) 1,2,3-Trichloropropane	11.14	75	72439	27.775	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.14	75	72439	84.359	ug/l #	6
90) Hexachloroethane	12.39	117	28	3.398	ug/l #	1
91) 1,2-Dichlorobenzene	12.40	146	3501	0.779	ug/l	98
94) Hexachlorobutadiene	13.79	225	424	0.256	ug/l	79

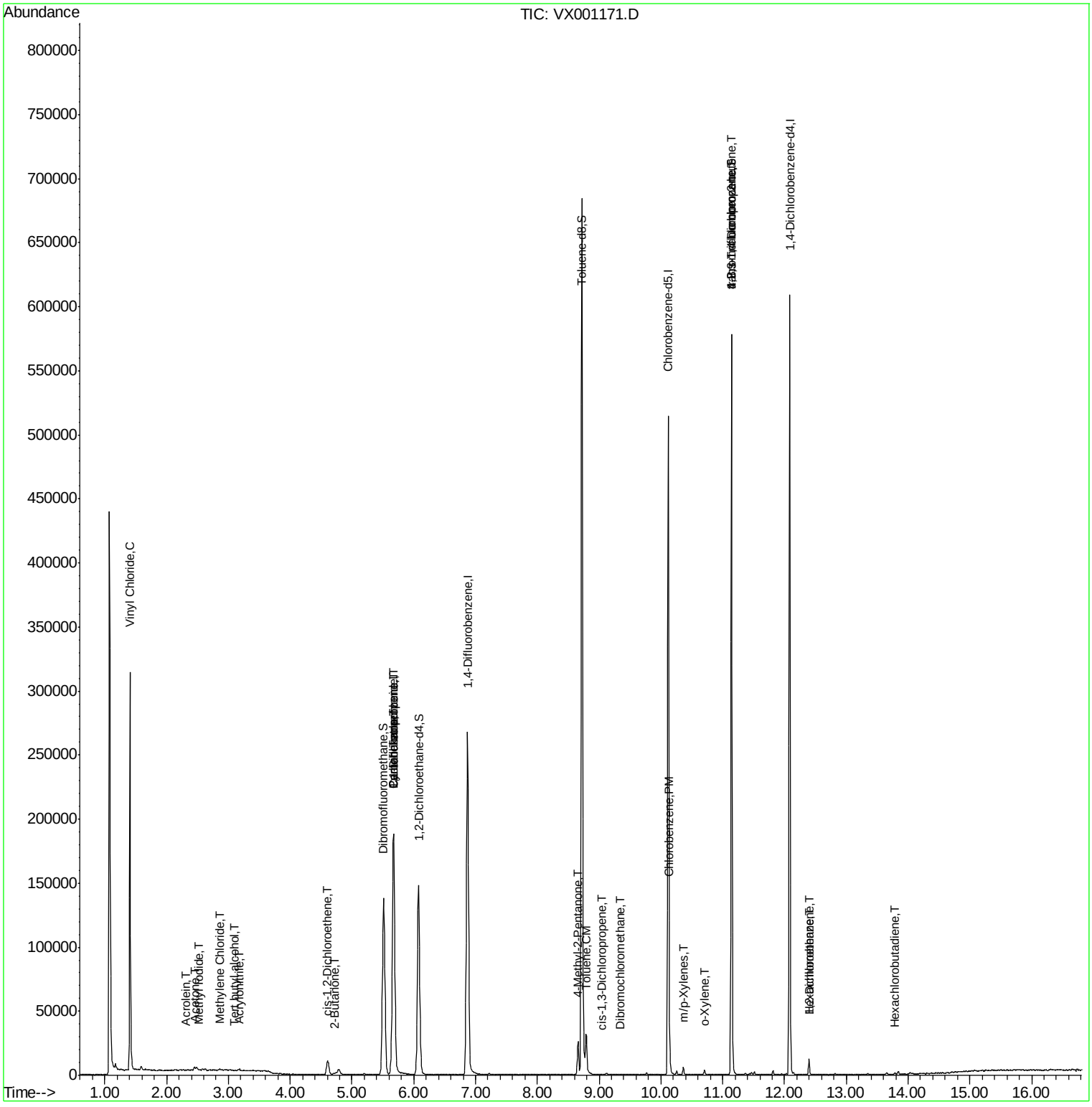
(#) = qualifier out of range (m) = manual integration (+) = signals summed

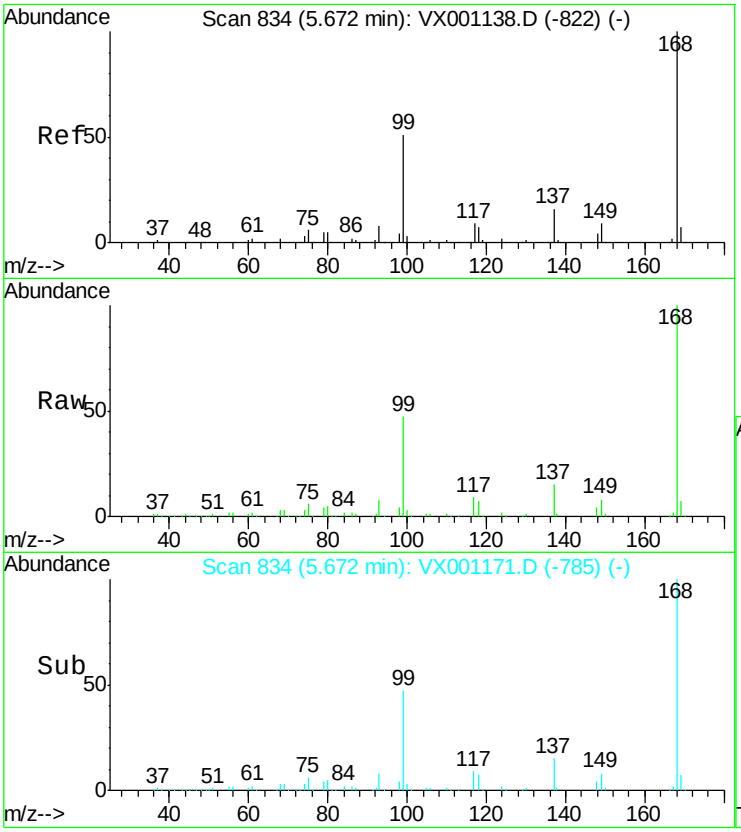
Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX042718\
Data File : VX001171.D
Acq On : 27 Apr 2018 15:37
Operator : JC/MD
Sample : J2463-10 1000X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
LF001MW001-180418DL

Quant Time: Apr 28 03:07:57 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



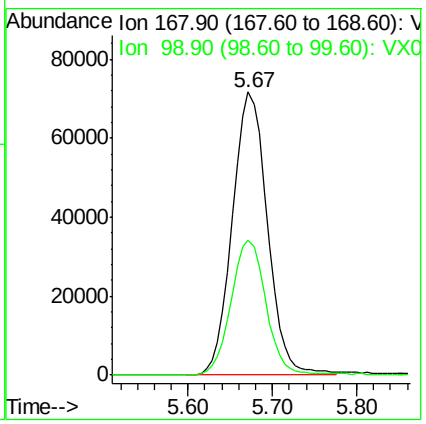


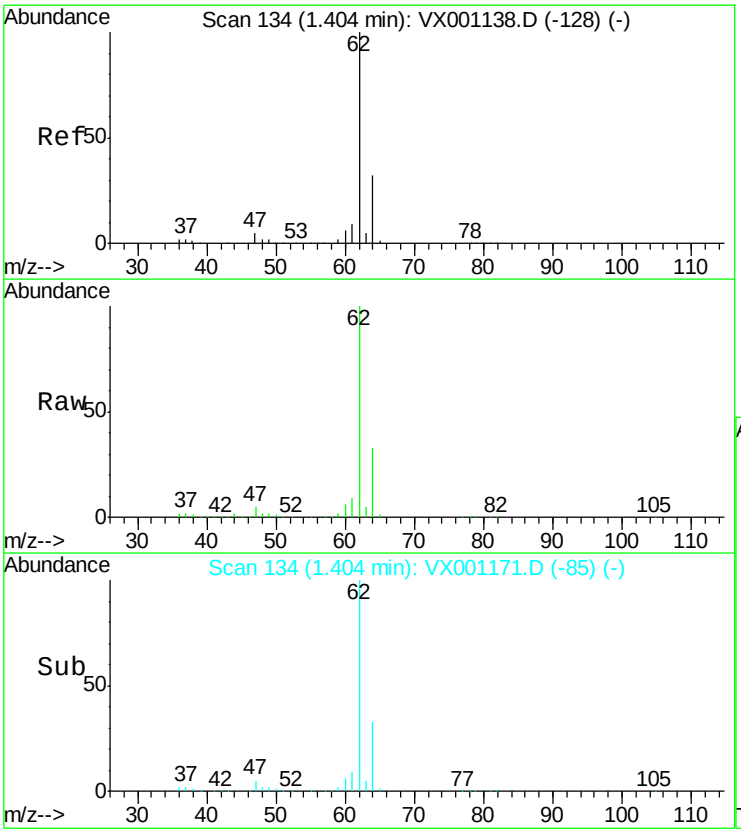
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.00 min
Lab File: VX001171.D
Acq: 27 Apr 2018 15:37

Instrument :
MSVOA_X
ClientSampleId :
LF001MW001-180418DL

Tgt Ion:168 Resp: 202530

Ion	Ratio	Lower	Upper
168	100		
99	47.5	40.6	60.8

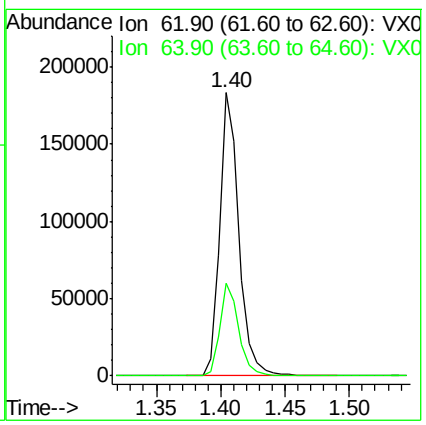


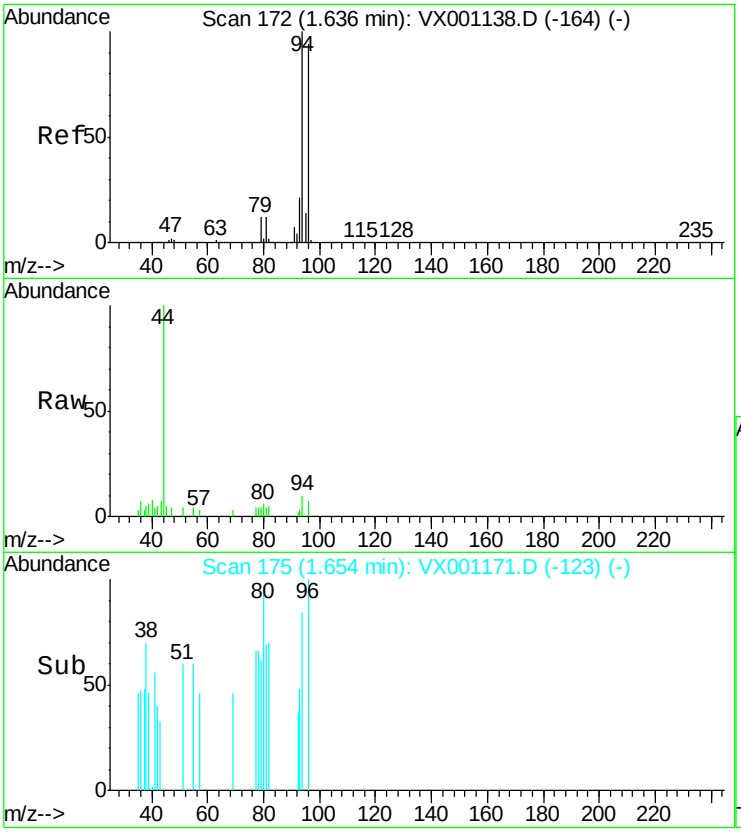


#4
Vinyl Chloride
Concen: 81.369 ug/l
RT: 1.40 min Scan# 134
Delta R.T. -0.00 min
Lab File: VX001171.D
Acq: 27 Apr 2018 15:37

Tgt Ion: 62 Resp: 192037

Ion	Ratio	Lower	Upper
62	100		
64	32.7	25.6	38.4



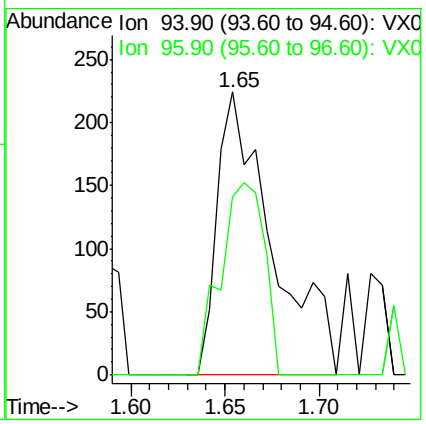


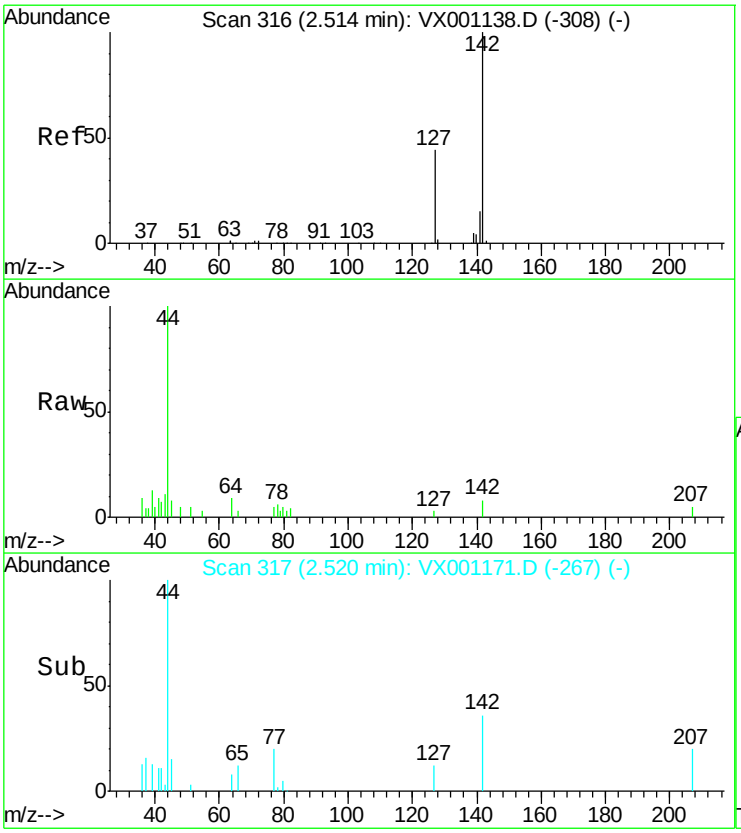
#5
Bromomethane
Concen: Below Cal
RT: 1.65 min Scan# 175
Delta R.T. 0.02 min
Lab File: VX001171.D
Acq: 27 Apr 2018 15:37

Instrument :
MSVOA_X
ClientSampleId :
LF001MW001-180418DL

Tgt Ion: 94 Resp: 452

Ion	Ratio	Lower	Upper
94	100		
96	62.9	75.3	112.9#

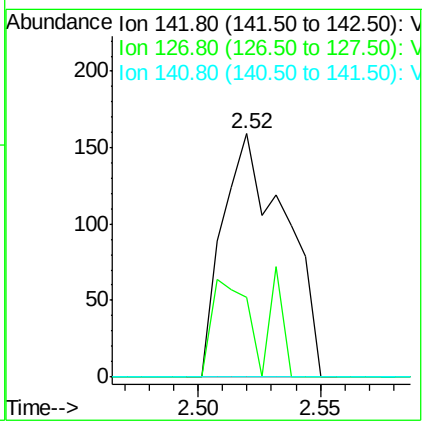


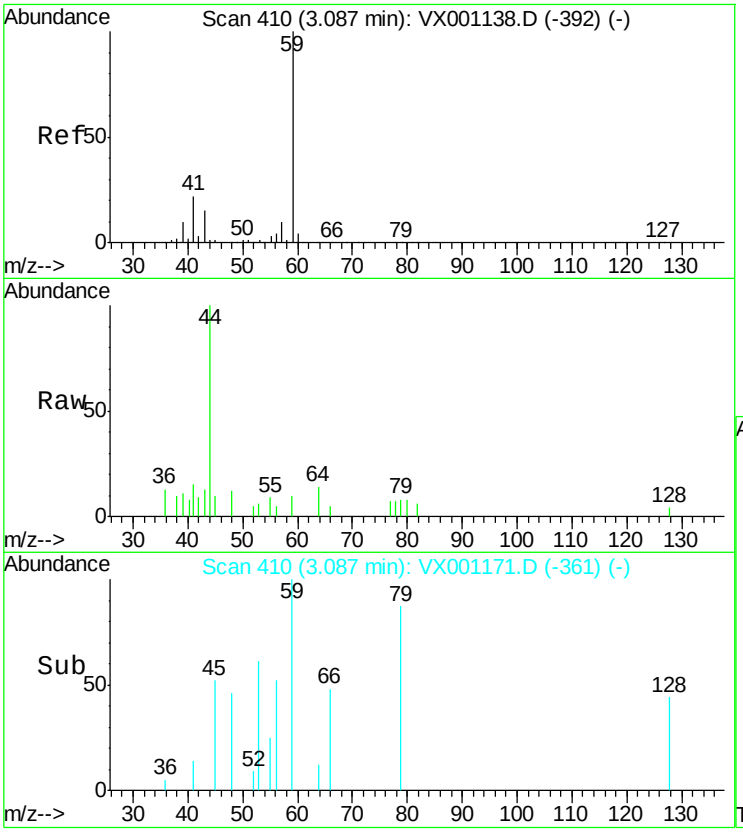


#10
Methyl Iodide
Concen: 7.350 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX001171.D
Acq: 27 Apr 2018 15:37

Tgt Ion:142 Resp: 283

Ion	Ratio	Lower	Upper
142	100		
127	22.3	34.7	52.1#
141	0.0	11.6	17.4#



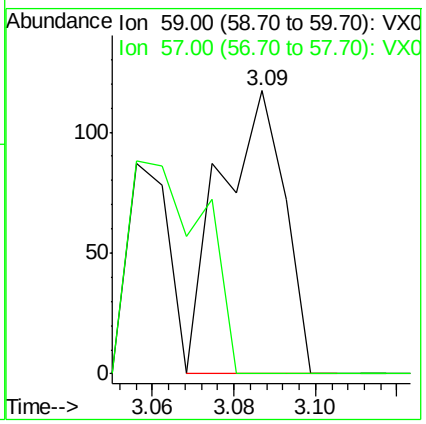


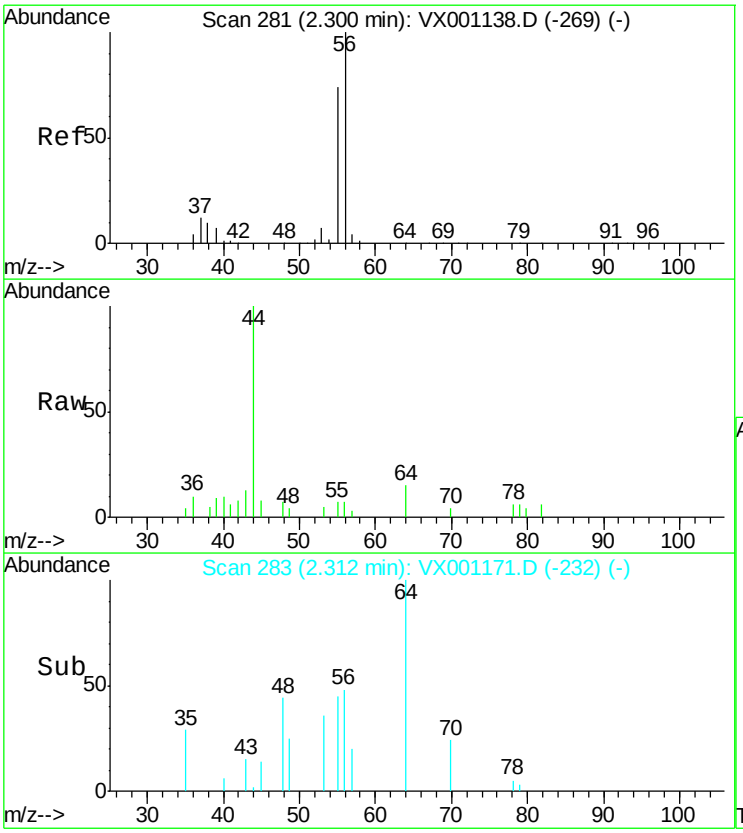
#11
Tert butyl alcohol
Concen: 0.207 ug/l
RT: 3.09 min Scan# 410
Delta R.T. -0.00 min
Lab File: VX001171.D
Acq: 27 Apr 2018 15:37

Instrument :
MSVOA_X
ClientSampleId :
LF001MW001-180418DL

Tgt Ion: 59 Resp: 128

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.2	12.4#

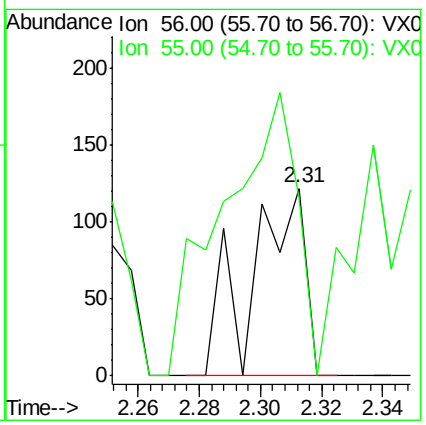


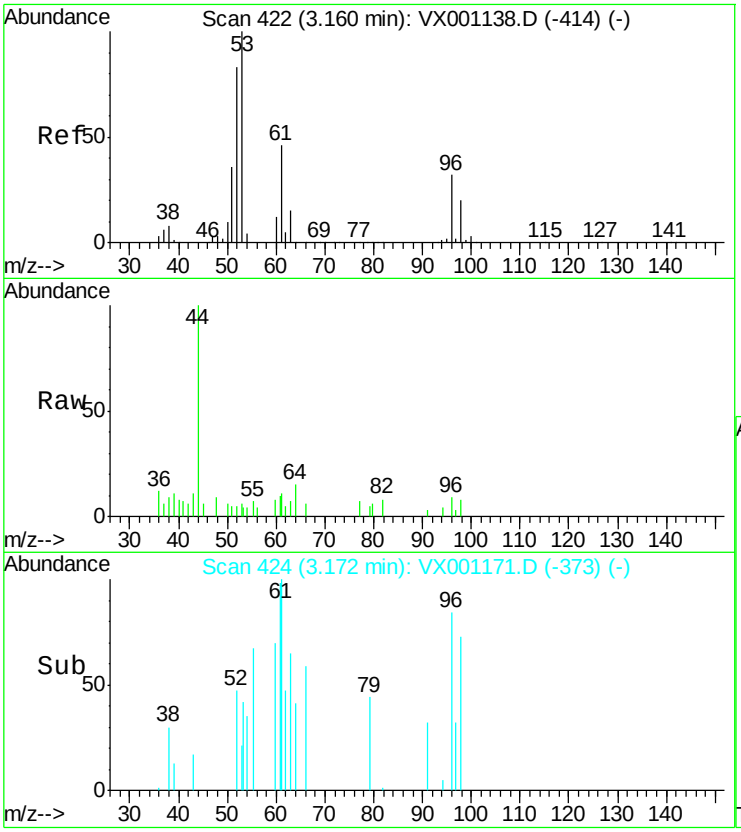


#13
Acrolein
Concen: 0.641 ug/l
RT: 2.31 min Scan# 283
Delta R.T. 0.01 min
Lab File: VX001171.D
Acq: 27 Apr 2018 15:37

Tgt Ion: 56 Resp: 150

Ion	Ratio	Lower	Upper
56	100		
55	206.7	57.2	85.8#



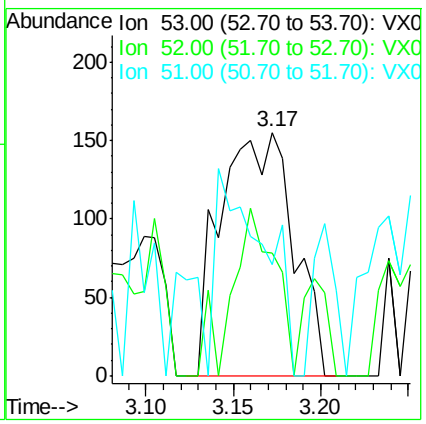


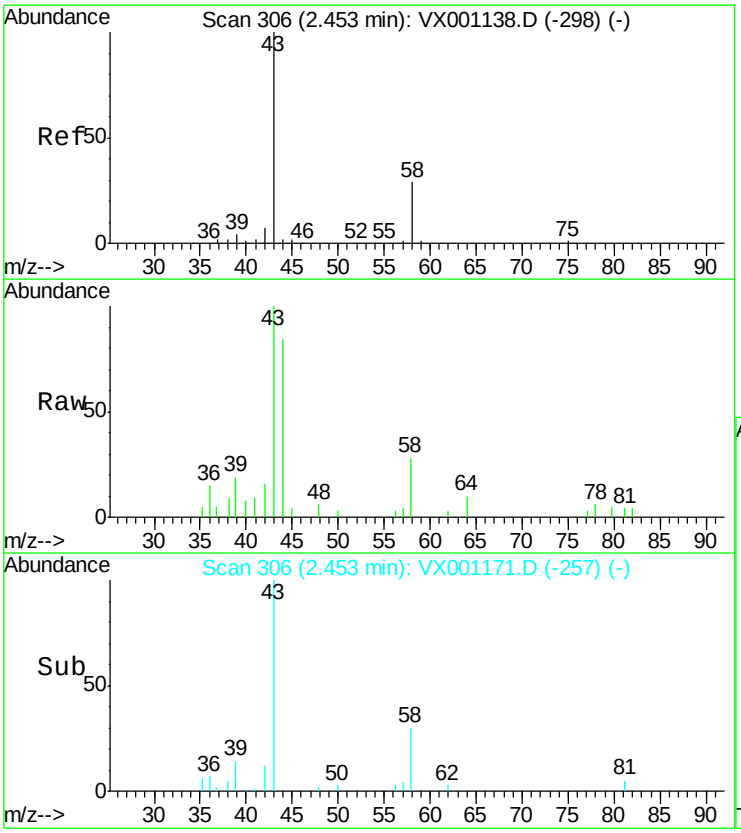
#15
Acrylonitrile
Concen: 0.342 ug/l
RT: 3.17 min Scan# 424
Delta R.T. 0.01 min
Lab File: VX001171.D
Acq: 27 Apr 2018 15:37

Instrument :
MSVOA_X
ClientSampleId :
LF001MW001-180418DL

Tgt Ion: 53 Resp: 452

Ion	Ratio	Lower	Upper
53	100		
52	40.9	66.5	99.7#
51	0.0	29.5	44.3#

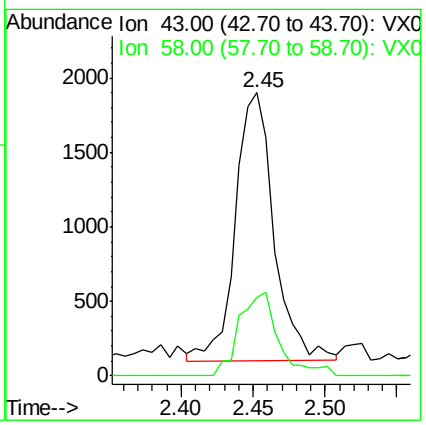


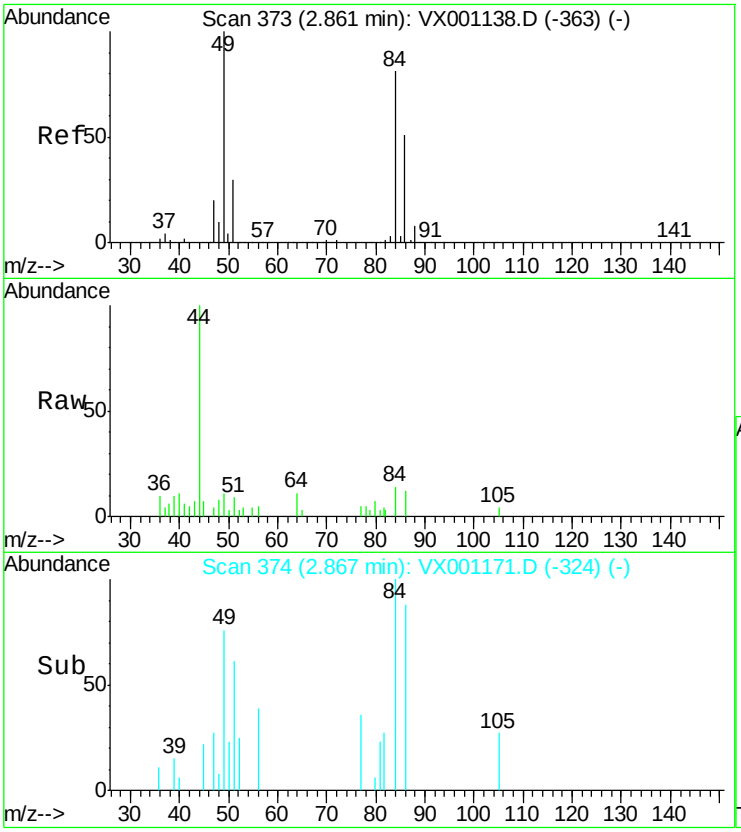


#16
Acetone
Concen: 2.571 ug/l
RT: 2.45 min Scan# 306
Delta R.T. -0.00 min
Lab File: VX001171.D
Acq: 27 Apr 2018 15:37

Tgt Ion: 43 Resp: 3319

Ion	Ratio	Lower	Upper
43	100		
58	29.9	23.0	34.6



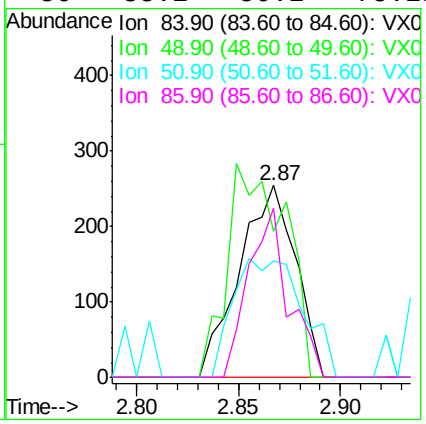


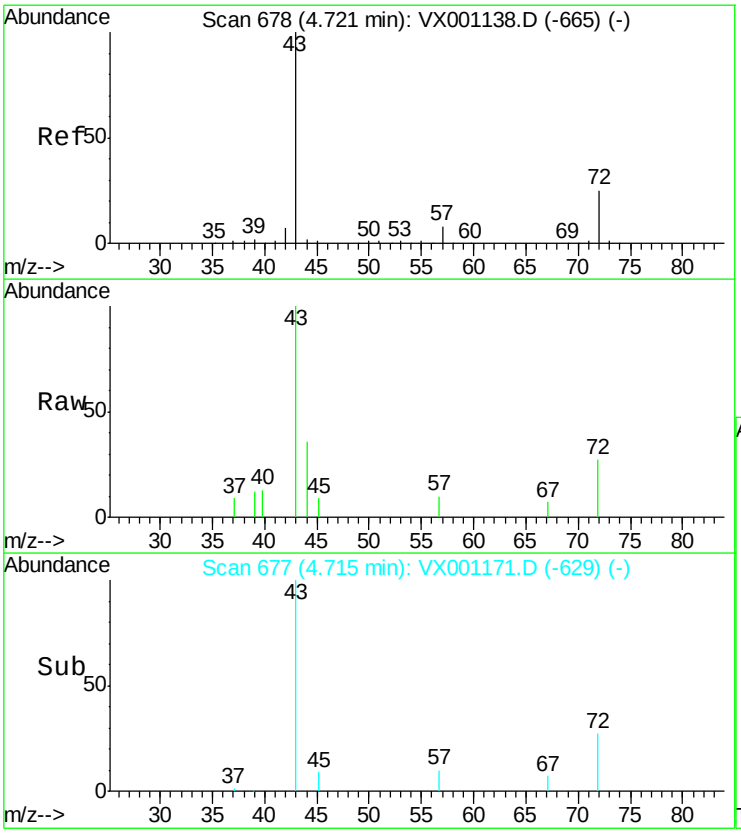
#20
Methylene Chloride
Concen: 0.204 ug/l
RT: 2.87 min Scan# 374
Delta R.T. 0.01 min
Lab File: VX001171.D
Acq: 27 Apr 2018 15:37

Instrument :
MSVOA_X
ClientSampleId :
LF001MW001-180418DL

Tgt Ion: 84 Resp: 490

Ion	Ratio	Lower	Upper
84	100		
49	76.4	99.2	148.8#
51	60.6	29.5	44.3#
86	88.2	50.2	75.2#

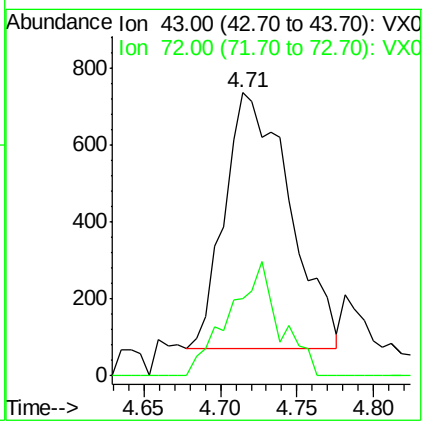


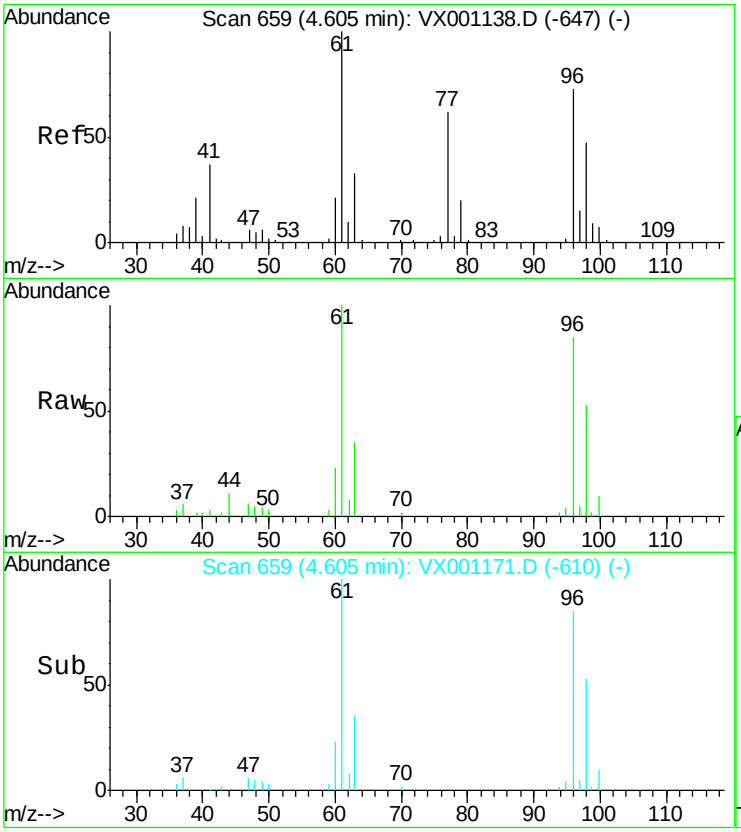


#25
2-Butanone
Concen: 1.015 ug/l
RT: 4.71 min Scan# 677
Delta R.T. -0.01 min
Lab File: VX001171.D
Acq: 27 Apr 2018 15:37

Tgt Ion: 43 Resp: 1960

Ion	Ratio	Lower	Upper
43	100		
72	30.1	20.0	30.0#



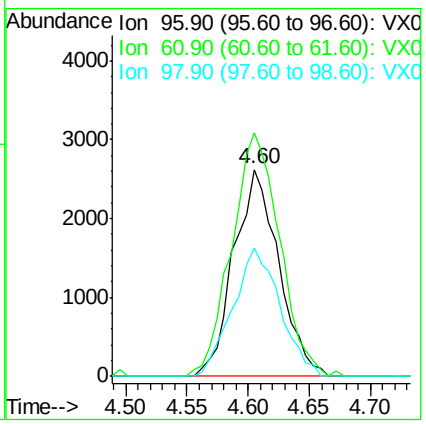


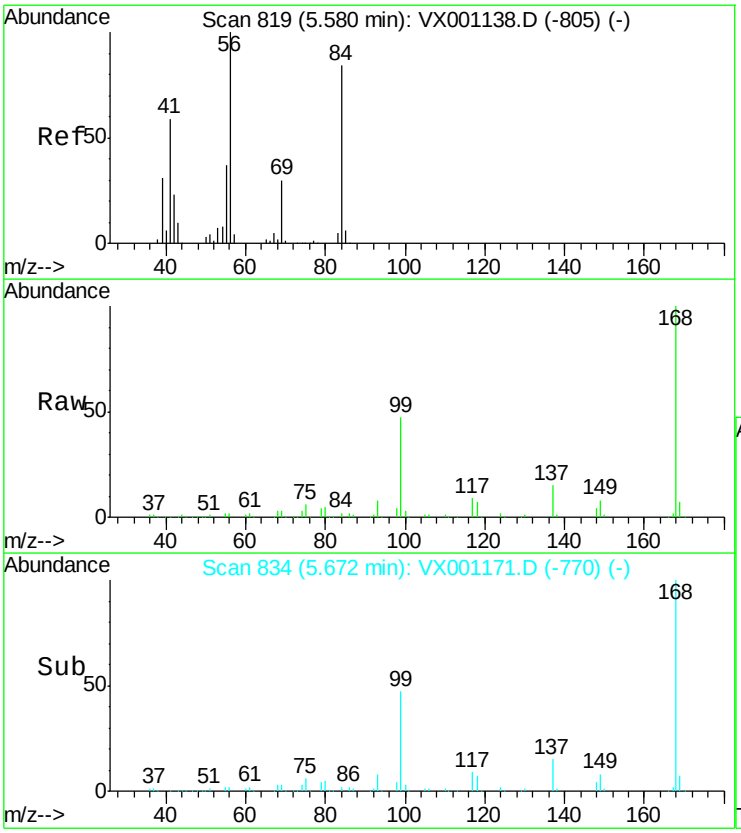
#27
cis-1,2-Dichloroethene
Concen: 2.692 ug/l
RT: 4.60 min Scan# 659
Delta R.T. -0.00 min
Lab File: VX001171.D
Acq: 27 Apr 2018 15:37

Instrument :
MSVOA_X
ClientSampleId :
LF001MW001-180418DL

Tgt Ion: 96 Resp: 6673

Ion	Ratio	Lower	Upper
96	100		
61	126.2	0.0	289.0
98	65.6	0.0	128.2

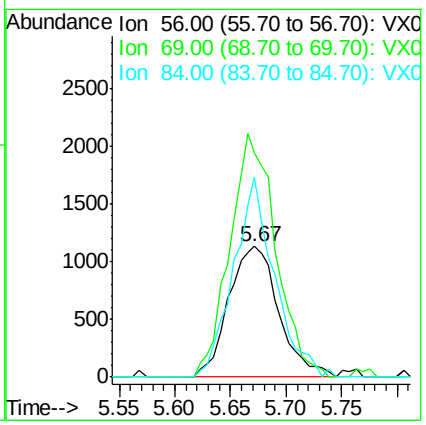


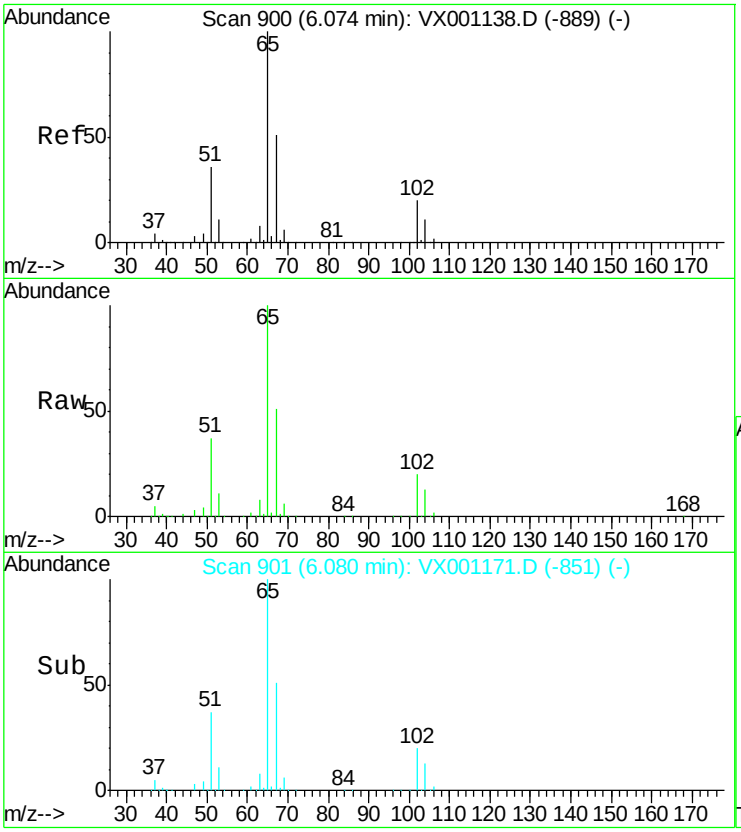


#31
Cyclohexane
Concen: 1.059 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.09 min
Lab File: VX001171.D
Acq: 27 Apr 2018 15:37

Tgt Ion: 56 Resp: 3534

Ion	Ratio	Lower	Upper
56	100		
69	171.7	24.2	36.2#
84	153.3	67.5	101.3#



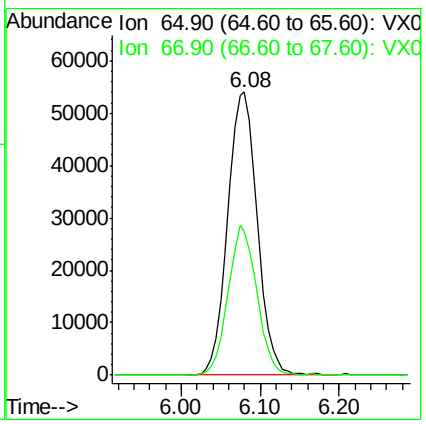


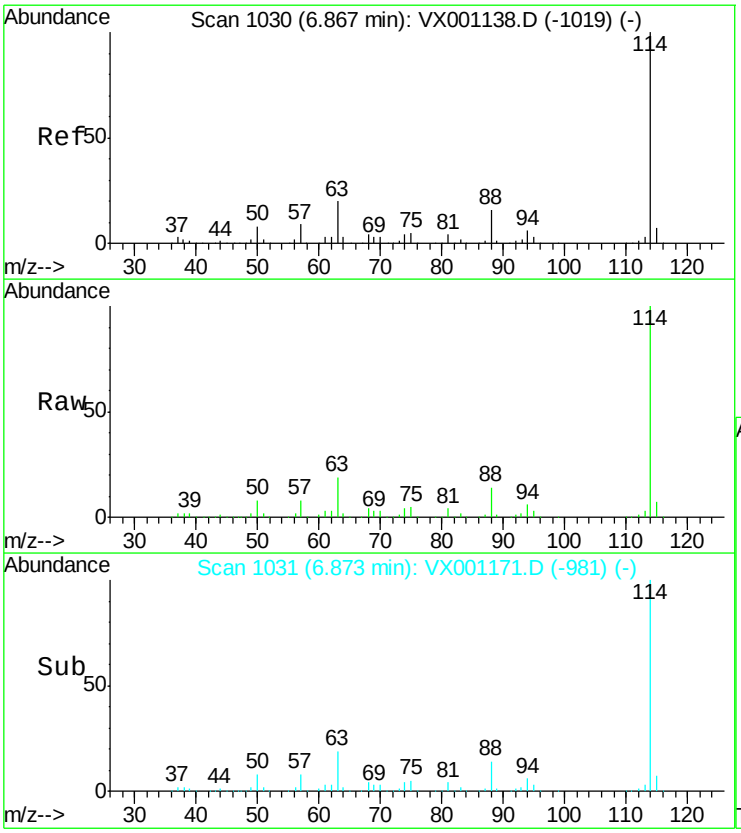
#33
1,2-Dichloroethane-d4
Concen: 45.085 ug/l
RT: 6.08 min Scan# 901
Delta R.T. 0.01 min
Lab File: VX001171.D
Acq: 27 Apr 2018 15:37

Instrument :
MSVOA_X
ClientSampleId :
LF001MW001-180418DL

Tgt Ion: 65 Resp: 141541

Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	102.2

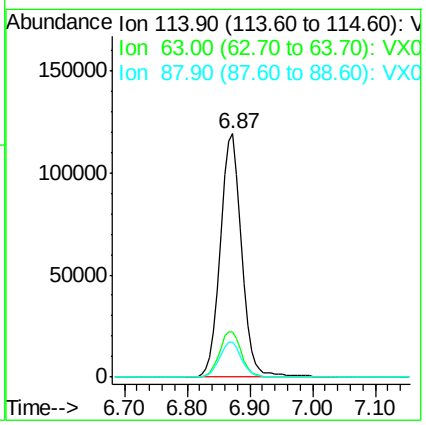


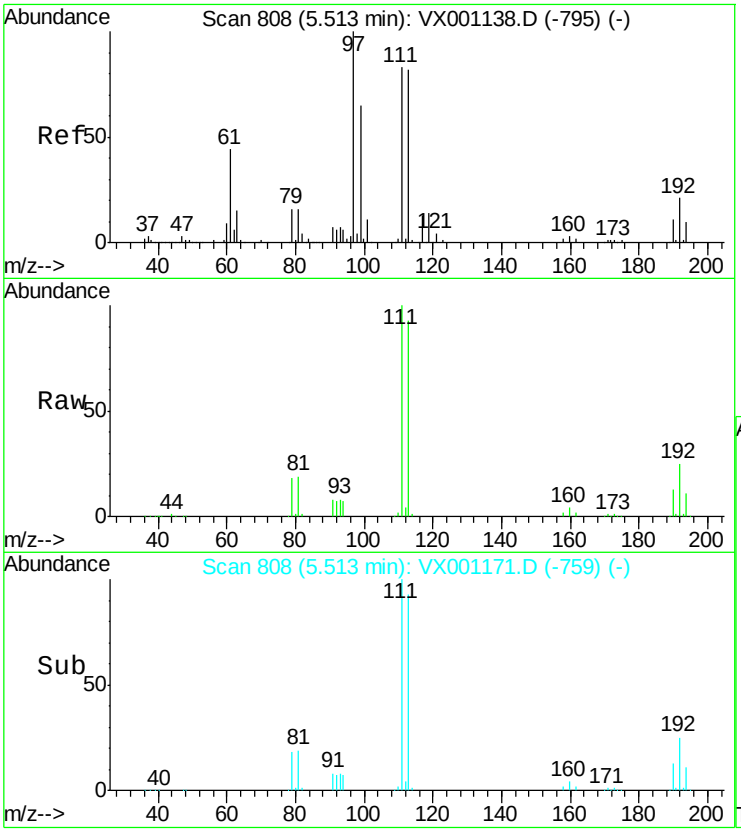


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.87 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VX001171.D
Acq: 27 Apr 2018 15:37

Tgt Ion:114 Resp: 281052

Ion	Ratio	Lower	Upper
114	100		
63	18.5	0.0	40.4
88	14.2	0.0	31.8



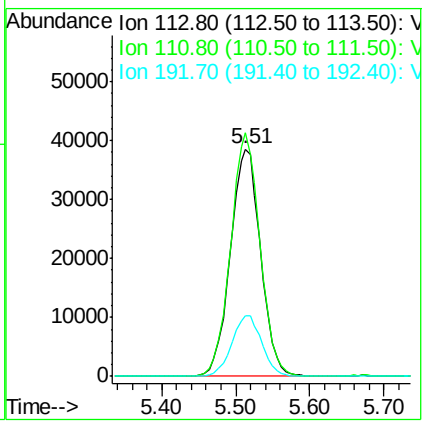


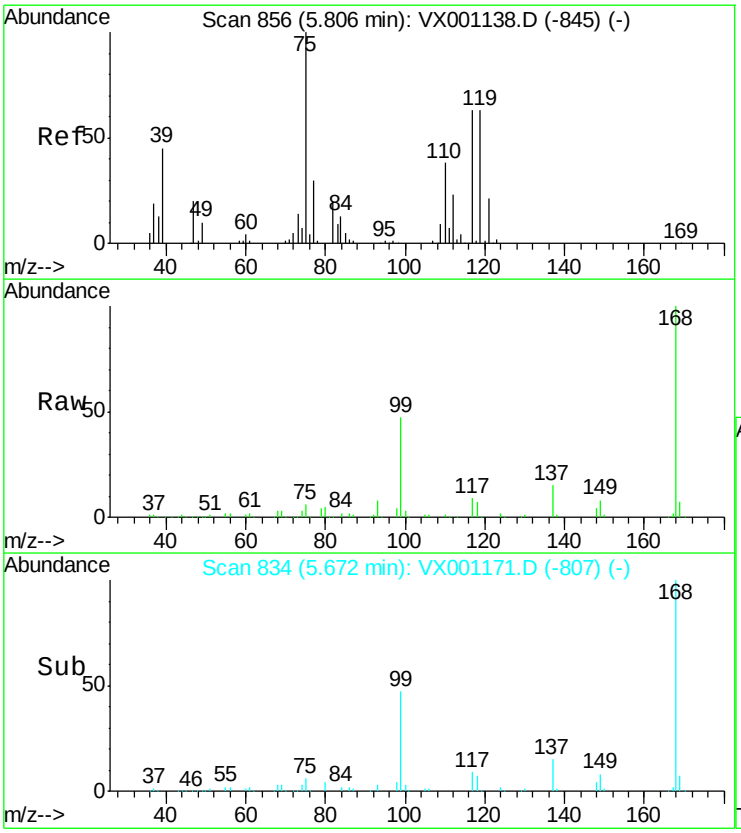
#35
Dibromofluoromethane
Concen: 47.078 ug/l
RT: 5.51 min Scan# 808
Delta R.T. -0.00 min
Lab File: VX001171.D
Acq: 27 Apr 2018 15:37

Instrument :
MSVOA_X
ClientSampleId :
LF001MW001-180418DL

Tgt Ion:113 Resp: 109516

Ion	Ratio	Lower	Upper
113	100		
111	104.0	82.2	123.4
192	26.4	20.6	30.8

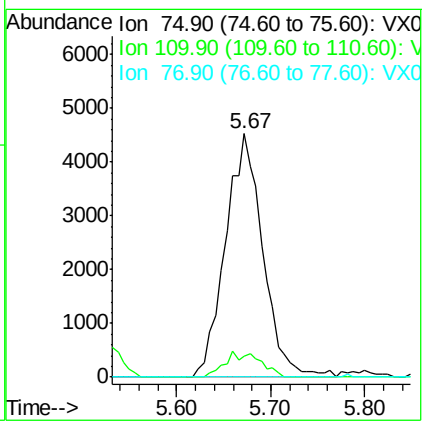


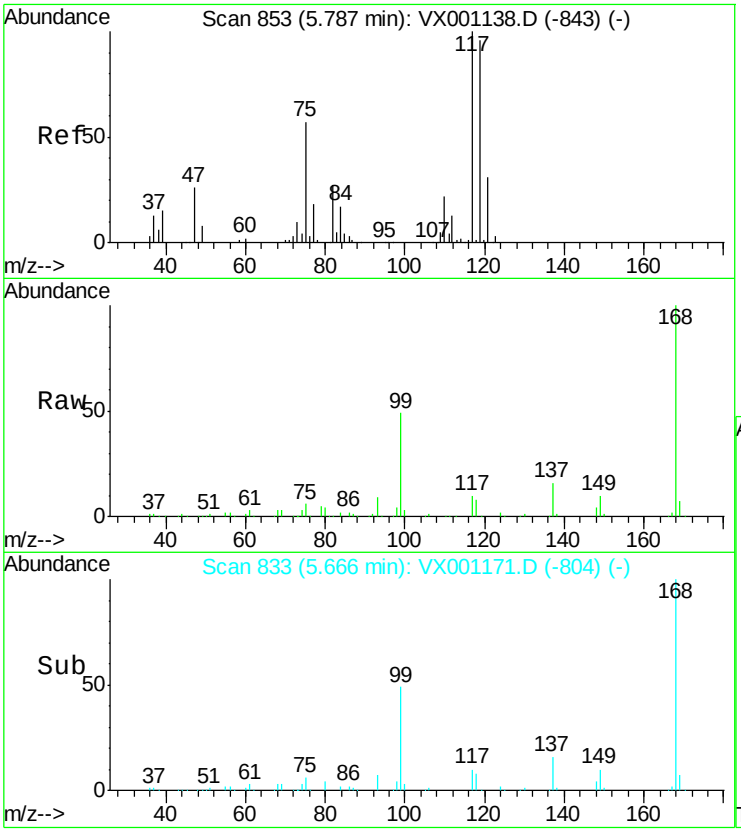


#36
1,1-Dichloropropene
Concen: 4.040 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.13 min
Lab File: VX001171.D
Acq: 27 Apr 2018 15:37

Tgt Ion: 75 Resp: 12512

Ion	Ratio	Lower	Upper
75	100		
110	4.3	19.0	57.0#
77	0.0	24.8	37.2#



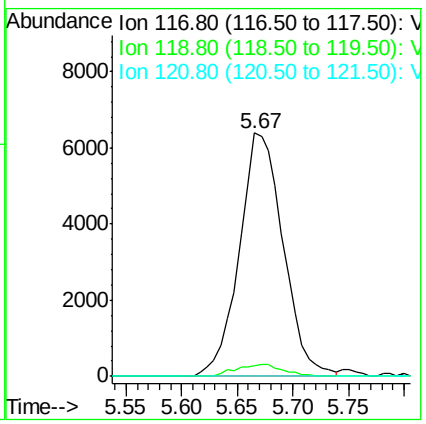


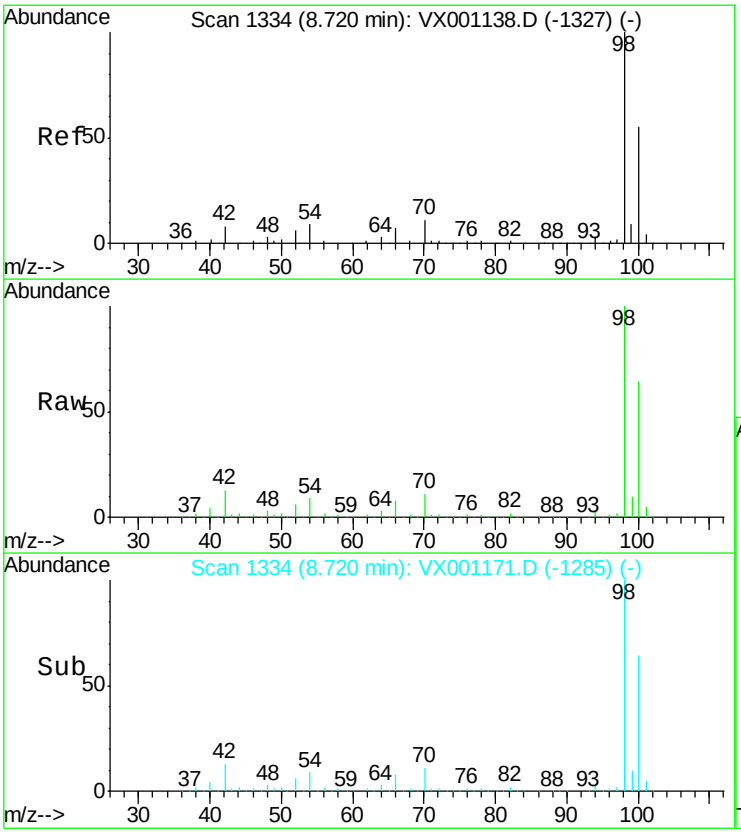
#38
Carbon Tetrachloride
Concen: 5.514 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.12 min
Lab File: VX001171.D
Acq: 27 Apr 2018 15:37

Instrument :
MSVOA_X
ClientSampleId :
LF001MW001-180418DL

Tgt Ion:117 Resp: 17510

Ion	Ratio	Lower	Upper
117	100		
119	4.2	76.5	114.7#
121	0.0	24.6	37.0#

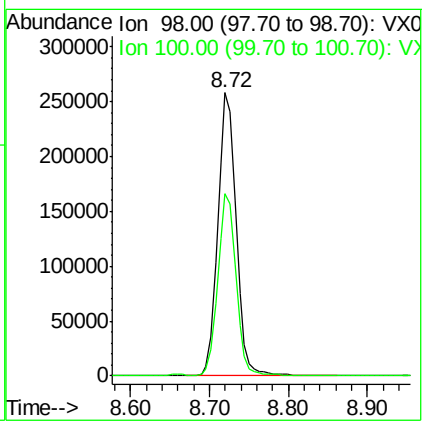


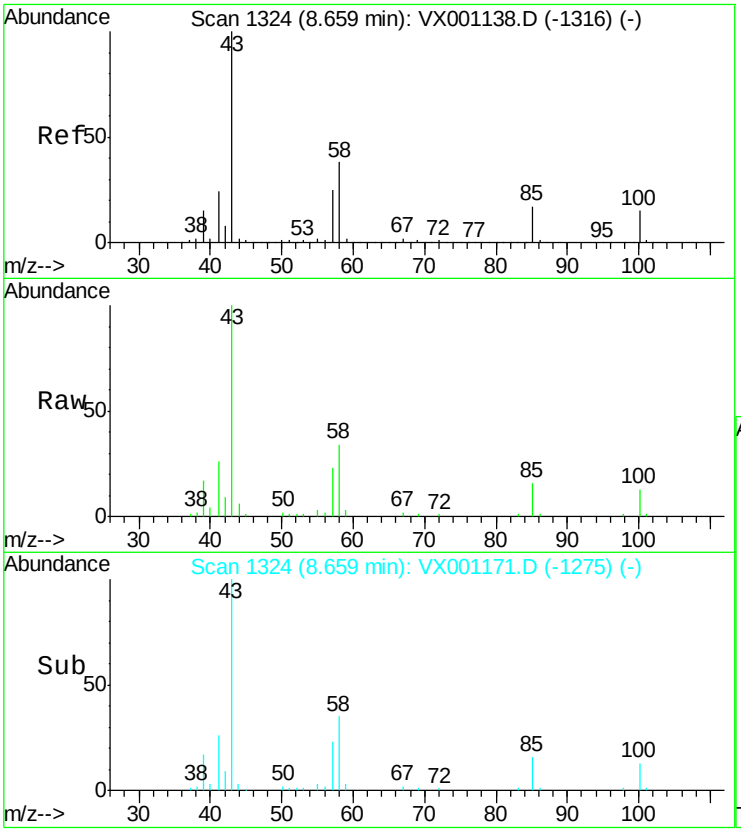


#50
Toluene-d8
Concen: 47.850 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX001171.D
Acq: 27 Apr 2018 15:37

Tgt Ion: 98 Resp: 420069

Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.8	77.6



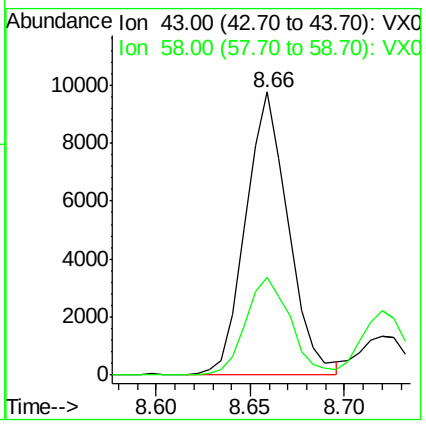


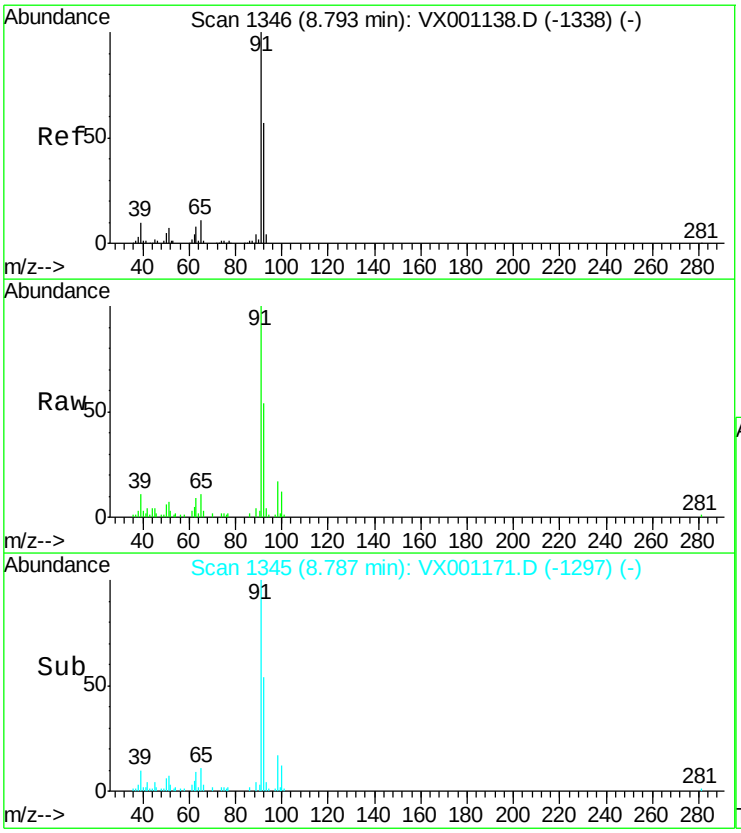
#51
4-Methyl-2-Pentanone
Concen: 4.008 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. -0.00 min
Lab File: VX001171.D
Acq: 27 Apr 2018 15:37

Instrument :
MSVOA_X
ClientSampleId :
LF001MW001-180418DL

Tgt Ion: 43 Resp: 15335

Ion	Ratio	Lower	Upper
43	100		
58	36.3	30.2	45.2

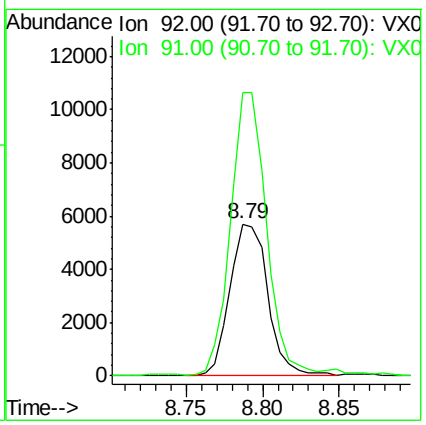


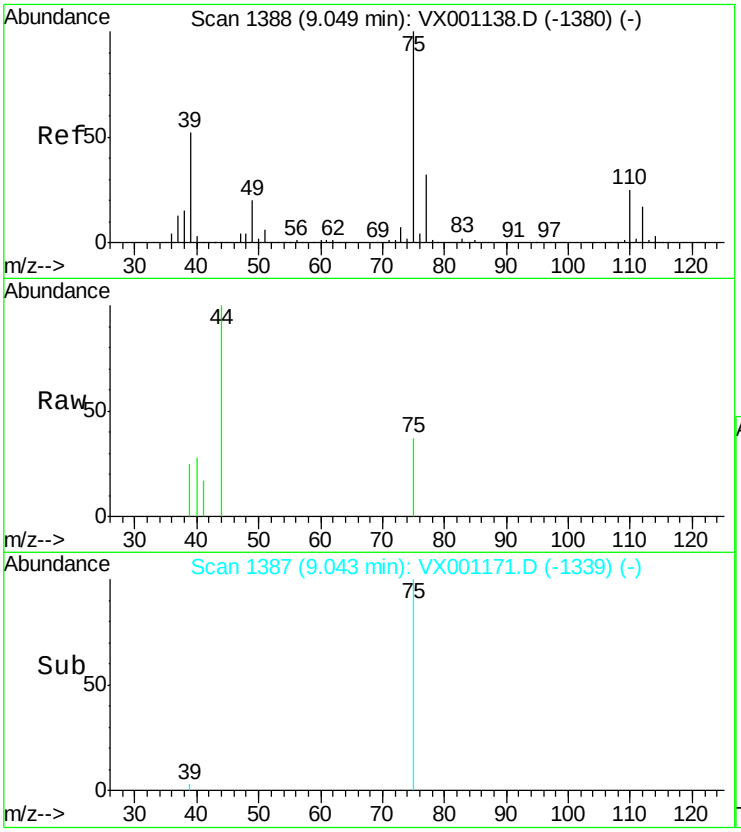


#52
Toluene
Concen: 1.674 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. -0.01 min
Lab File: VX001171.D
Acq: 27 Apr 2018 15:37

Tgt Ion: 92 Resp: 9806

Ion	Ratio	Lower	Upper
92	100		
91	180.7	139.8	209.6



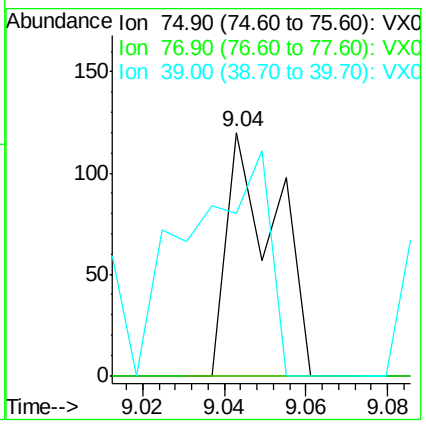


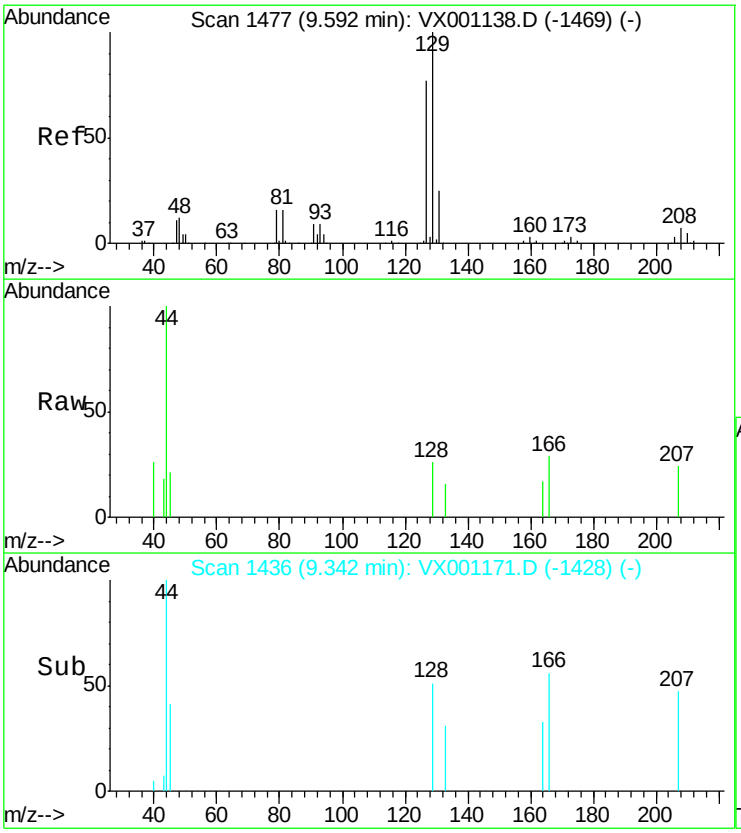
#54
cis-1,3-Dichloropropene
Concen: 3.212 ug/l
RT: 9.04 min Scan# 1387
Delta R.T. -0.01 min
Lab File: VX001171.D
Acq: 27 Apr 2018 15:37

Instrument :
MSVOA_X
ClientSampleId :
LF001MW001-180418DL

Tgt Ion: 75 Resp: 101

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.4	38.2#
39	66.7	42.0	63.0#

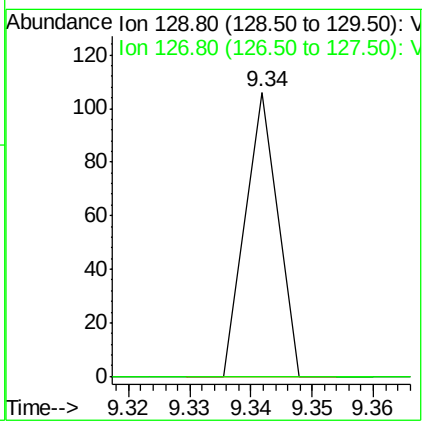


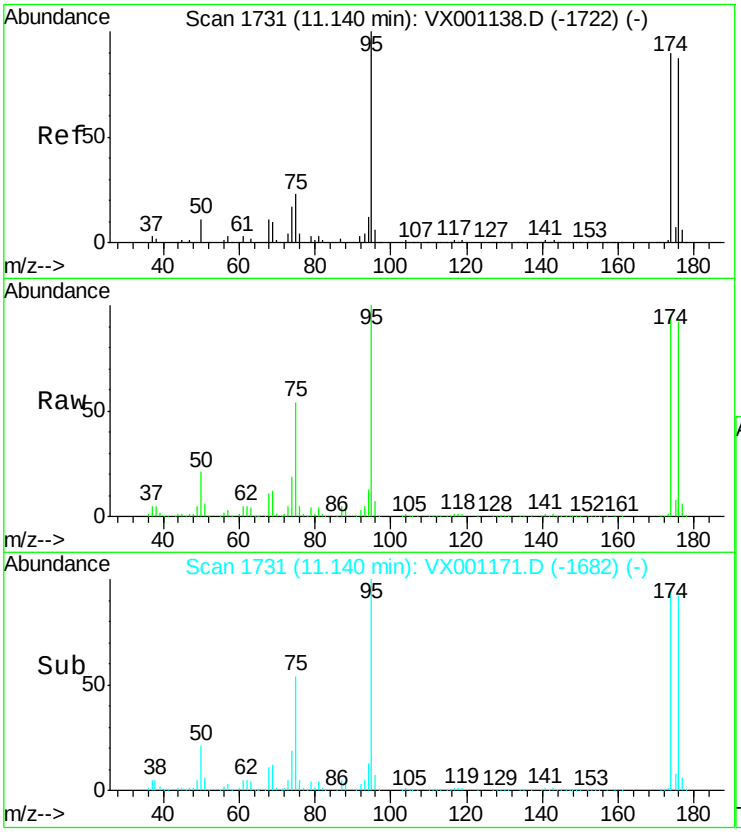


#60
Dibromochloromethane
Concen: 3.359 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.25 min
Lab File: VX001171.D
Acq: 27 Apr 2018 15:37

Tgt Ion:129 Resp: 39

Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.4	115.2#



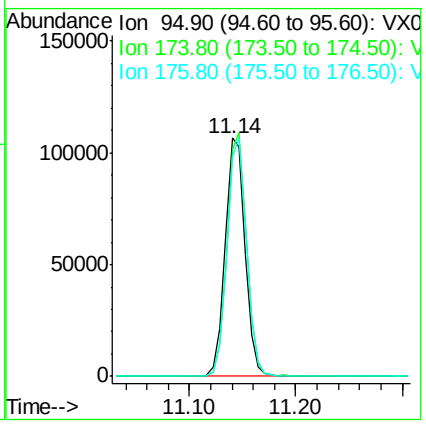


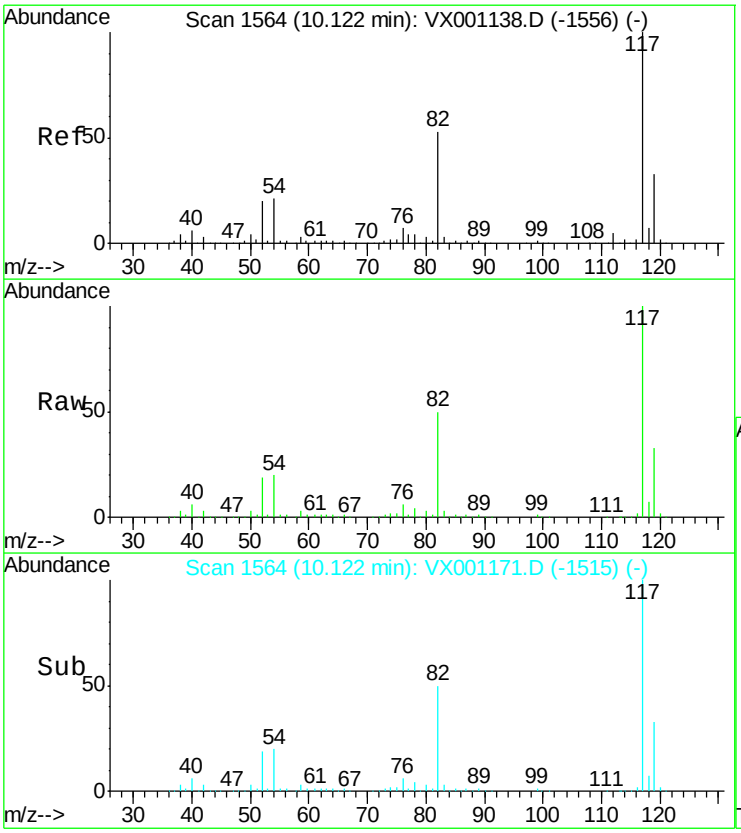
#62
4-Bromofluorobenzene
Concen: 40.783 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX001171.D
Acq: 27 Apr 2018 15:37

Instrument :
MSVOA_X
ClientSampleId :
LF001MW001-180418DL

Tgt Ion: 95 Resp: 139866

Ion	Ratio	Lower	Upper
95	100		
174	100.6	0.0	194.4
176	98.0	0.0	190.2

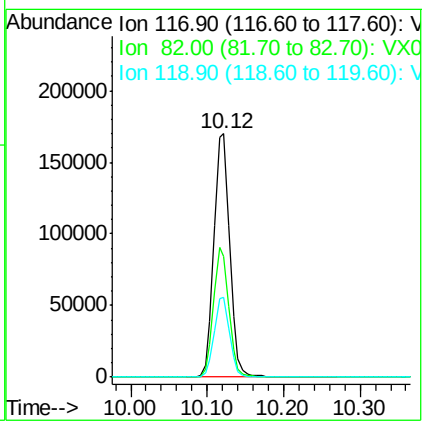


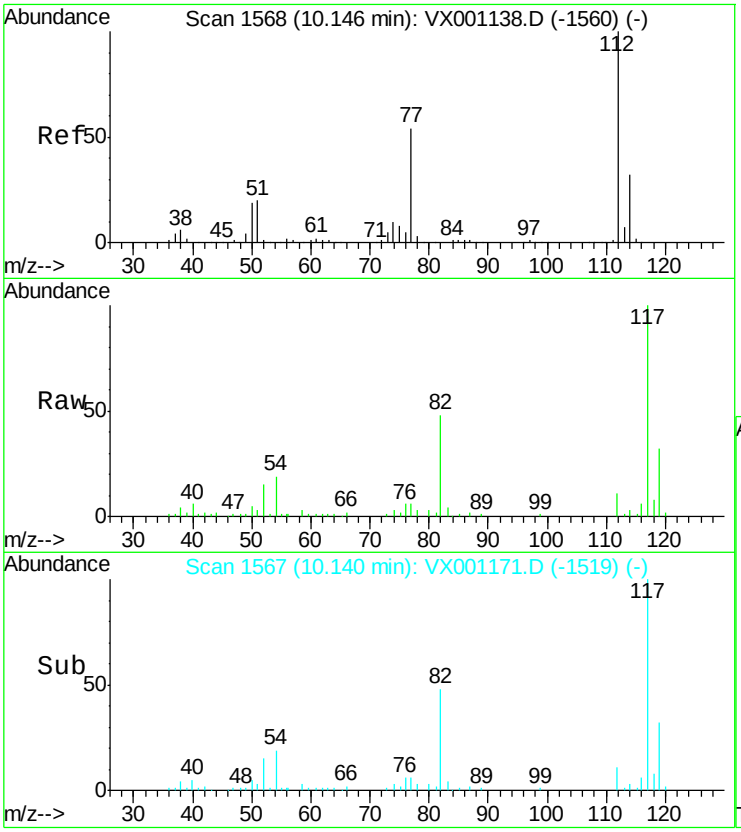


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX001171.D
Acq: 27 Apr 2018 15:37

Tgt Ion:117 Resp: 243681

Ion	Ratio	Lower	Upper
117	100		
82	49.7	42.1	63.1
119	32.8	26.1	39.1



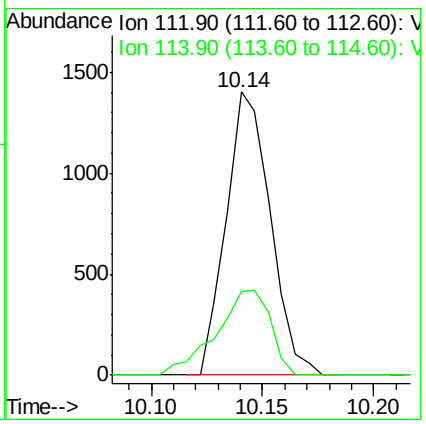


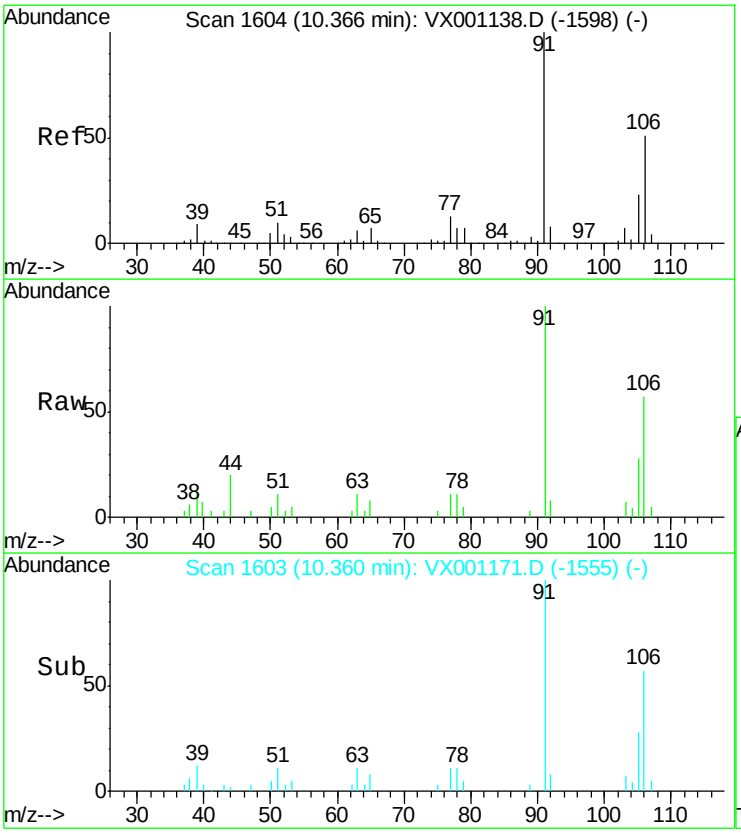
#65
Chlorobenzene
Concen: 0.304 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX001171.D
Acq: 27 Apr 2018 15:37

Instrument :
MSVOA_X
ClientSampleId :
LF001MW001-180418DL

Tgt Ion:112 Resp: 1940

Ion	Ratio	Lower	Upper
112	100		
114	29.4	25.7	38.5

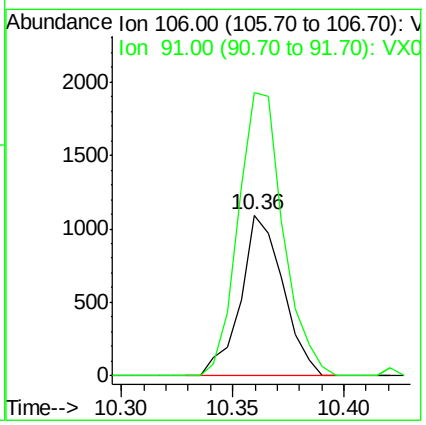


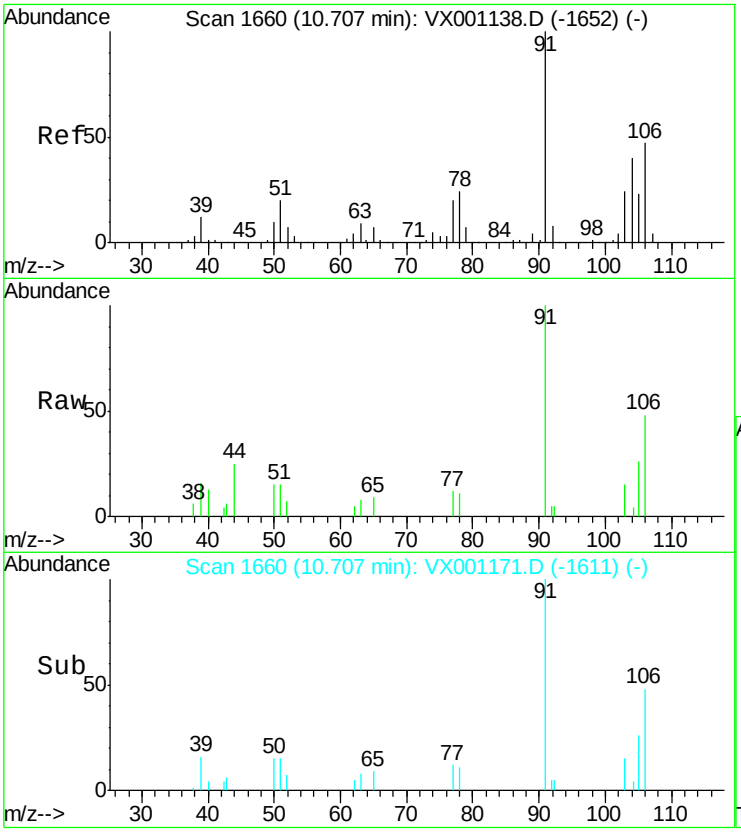


#68
m/p-Xylenes
Concen: 0.355 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VX001171.D
Acq: 27 Apr 2018 15:37

Tgt Ion:106 Resp: 1455

Ion	Ratio	Lower	Upper
106	100		
91	186.7	160.9	241.3



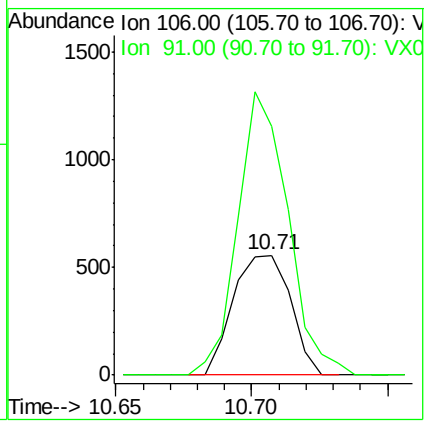


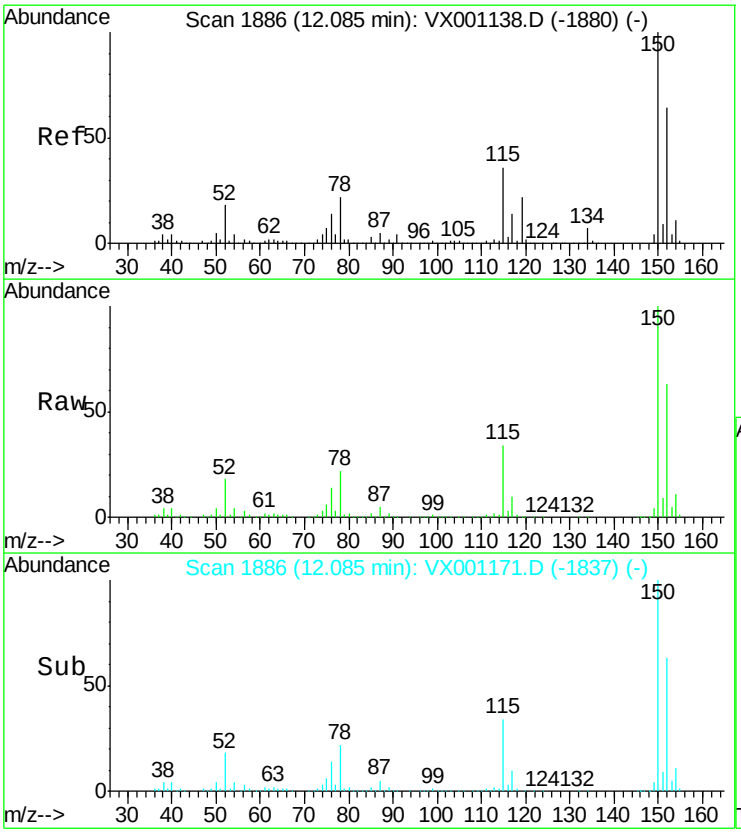
#69
o-Xylene
Concen: 0.204 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX001171.D
Acq: 27 Apr 2018 15:37

Instrument :
MSVOA_X
ClientSampleId :
LF001MW001-180418DL

Tgt Ion:106 Resp: 810

Ion	Ratio	Lower	Upper
106	100		
91	208.0	106.2	318.5

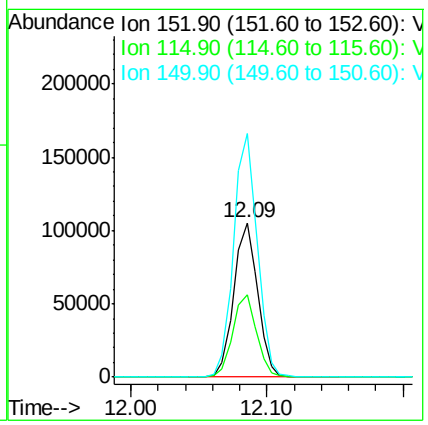


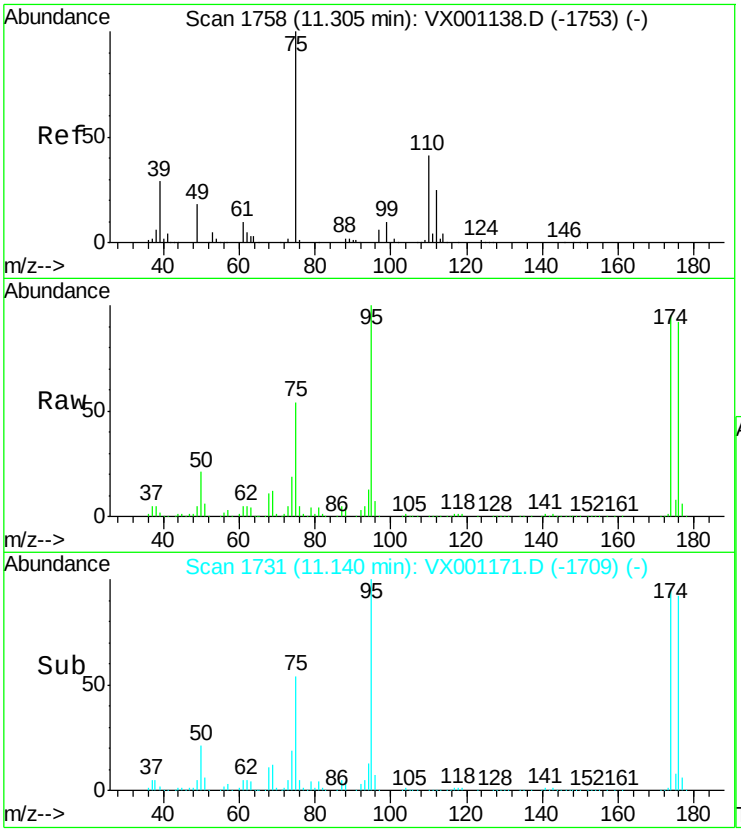


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX001171.D
Acq: 27 Apr 2018 15:37

Tgt Ion:152 Resp: 128079

Ion	Ratio	Lower	Upper
152	100		
115	53.4	38.0	114.0
150	156.8	0.0	349.6



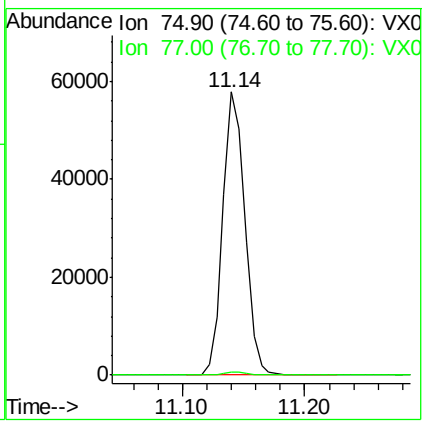


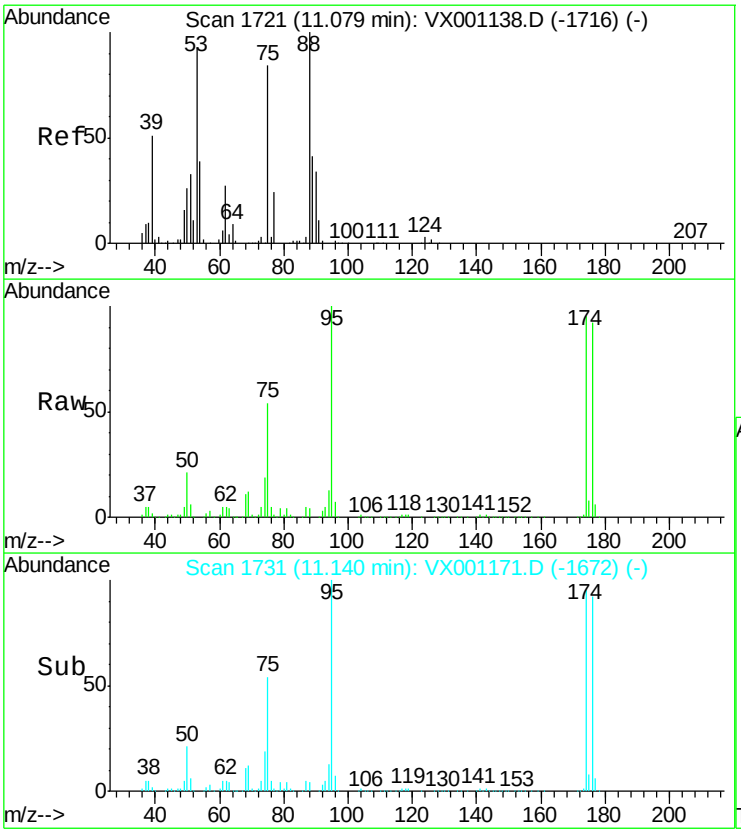
#76
1,2,3-Trichloropropane
Concen: 27.775 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX001171.D
Acq: 27 Apr 2018 15:37

Instrument :
MSVOA_X
ClientSampleId :
LF001MW001-180418DL

Tgt Ion: 75 Resp: 72439

Ion	Ratio	Lower	Upper
75	100		
77	1.1	18.9	56.9#

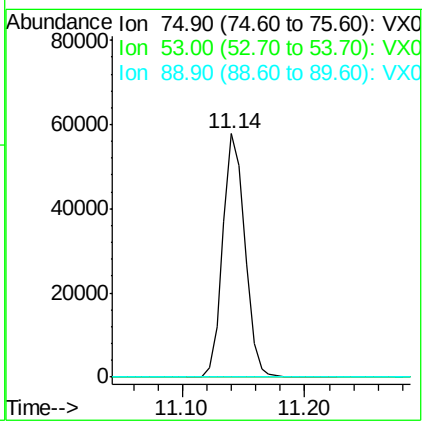


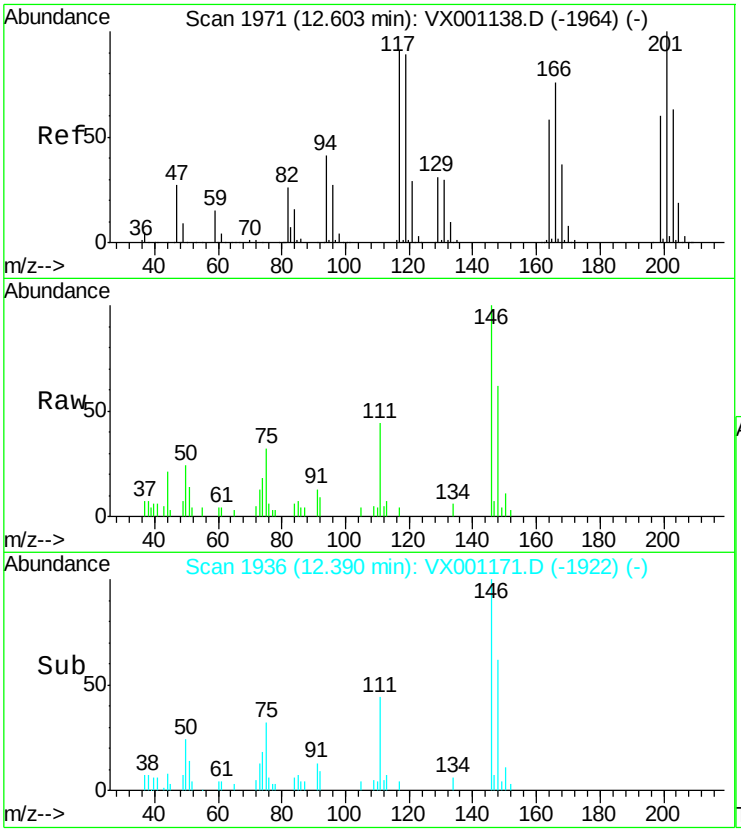


#81
trans-1,4-Dichloro-2-butene
Concen: 84.359 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX001171.D
Acq: 27 Apr 2018 15:37

Tgt Ion: 75 Resp: 72439

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



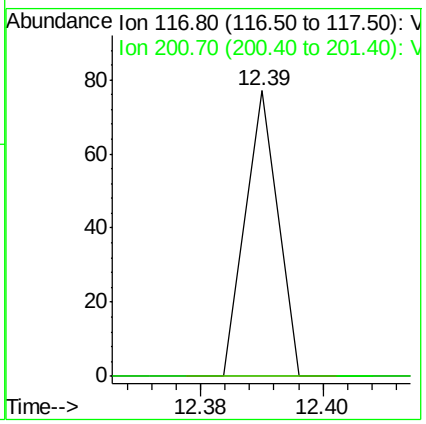


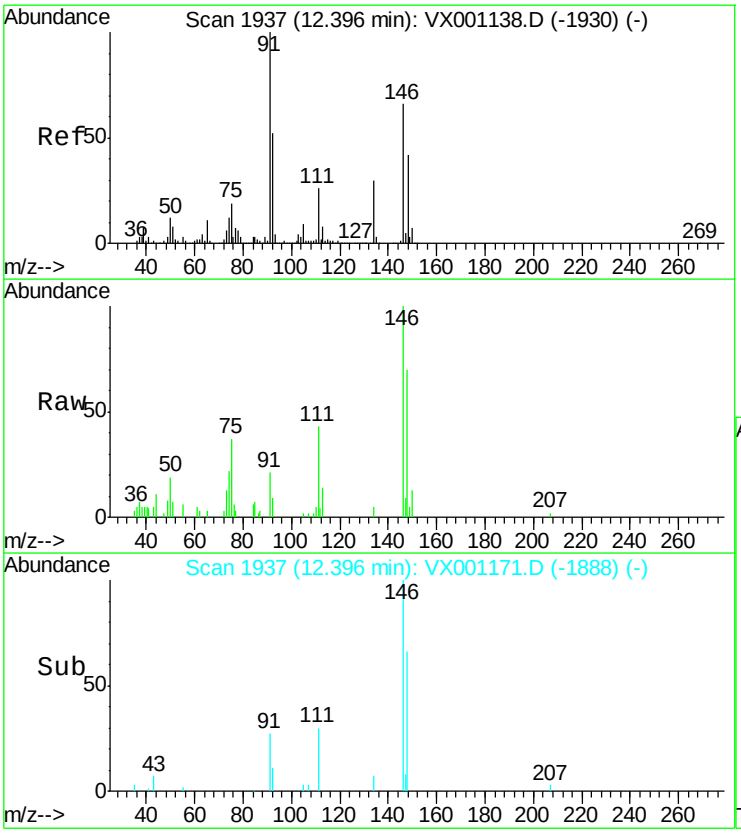
#90
Hexachloroethane
Concen: 3.398 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.21 min
Lab File: VX001171.D
Acq: 27 Apr 2018 15:37

Instrument :
MSVOA_X
ClientSampleId :
LF001MW001-180418DL

Tgt Ion:117 Resp: 28

Ion	Ratio	Lower	Upper
117	100		
201	0.0	51.8	155.4#

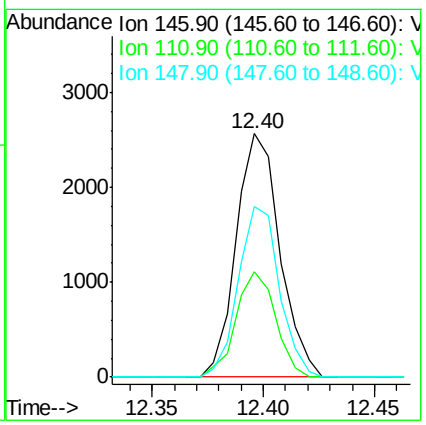


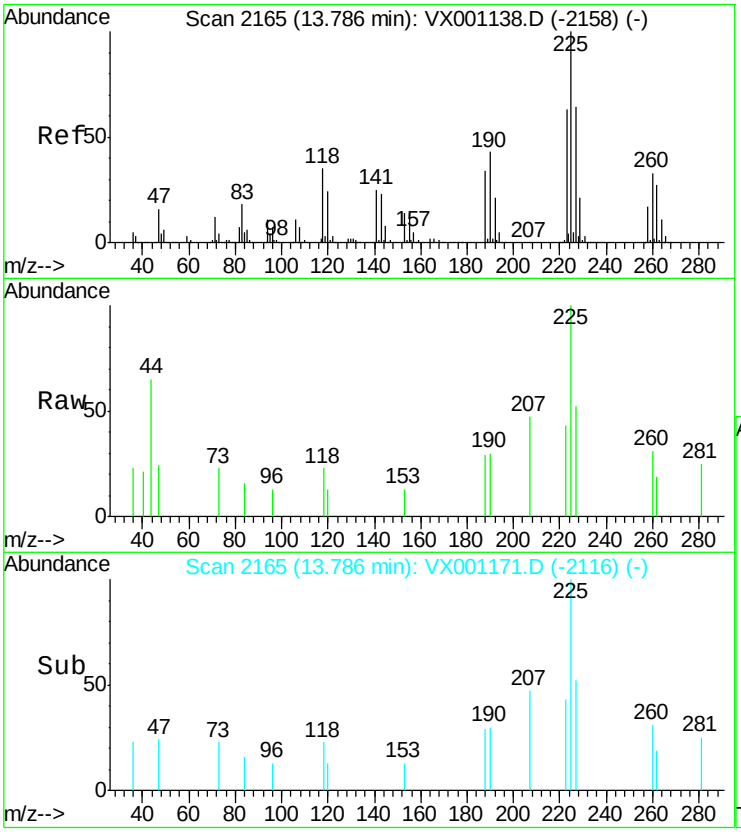


#91
1,2-Dichlorobenzene
Concen: 0.779 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX001171.D
Acq: 27 Apr 2018 15:37

Tgt Ion:146 Resp: 3501

Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.1	57.3
148	66.2	32.2	96.6





#94
Hexachlorobutadiene
Concen: 0.256 ug/l
RT: 13.79 min Scan# 2165
Delta R.T. -0.00 min
Lab File: VX001171.D
Acq: 27 Apr 2018 15:37

Instrument :
MSVOA_X
ClientSampleId :
LF001MW001-180418DL

Tgt Ion:225 Resp: 424

Ion	Ratio	Lower	Upper
225	100		
223	54.0	31.3	93.9
227	40.6	32.2	96.6