Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX042718\
Data File : VX001197.D
Acq On : 28 Apr 2018 03:33
Operator : JC/MD
Sample : J2464-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : DUP-0446-180418

Quant Time: Apr 28 05:02:57 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	198053	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	273172	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	251684	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	146961	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	155484	50.65	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.30%			
35) Dibromofluoromethane	5.51	113	122916	54.36	ug/l	0.00
Spiked Amount 50.000			Recovery = 108.72%			
50) Toluene-d8	8.72	98	468424	54.90	ug/l	0.00
Spiked Amount 50.000			Recovery = 109.80%			
62) 4-Bromofluorobenzene	11.14	95	164192	49.26	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.52%			
Target Compounds						Qvalue
4) Vinyl Chloride	1.40	62	14576	6.316	ug/l	98
5) Bromomethane	1.65	94	318	Below Cal	#	71
6) Chloroethane	1.93	64	779	0.536	ug/l #	54
8) Diethyl Ether	2.19	74	824	0.575	ug/l	65
10) Methyl Iodide	2.53	142	49	7.258	ug/l #	86
11) Tert butyl alcohol	3.07	59	886	1.463	ug/l #	90
16) Acetone	2.45	43	1294	1.025	ug/l #	83
17) Carbon Disulfide	2.58	76	1073	0.210	ug/l #	67
27) cis-1,2-Dichloroethene	4.60	96	2885	1.190	ug/l	90
29) Tetrahydrofuran	5.18	42	438	0.361	ug/l #	61
36) 1,1-Dichloropropene	5.67	75	12292	4.083	ug/l #	50
38) Carbon Tetrachloride	5.68	117	16821	5.450	ug/l #	15
40) Benzene	6.15	78	186268	21.390	ug/l	98
42) 1,2-Dichloroethane	6.15	62	1913	0.545	ug/l #	76
49) 1,4-Dioxane	7.77	88	379	6.291	ug/l #	75
52) Toluene	8.79	92	1142	0.201	ug/l	92
54) cis-1,3-Dichloropropene	9.23	75	68	3.204	ug/l #	54
65) Chlorobenzene	10.15	112	1834693	278.236	ug/l	99
76) 1,2,3-Trichloropropane	11.14	75	86334	28.850	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.14	75	86334	87.423	ug/l #	6
87) 1,3-Dichlorobenzene	12.03	146	2100	0.412	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	11446	2.154	ug/l	86
90) Hexachloroethane	12.71	117	337	3.598	ug/l #	1
91) 1,2-Dichlorobenzene	12.40	146	7278	1.412	ug/l	98

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

Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX042718\
Data File : VX001197.D
Acq On : 28 Apr 2018 03:33
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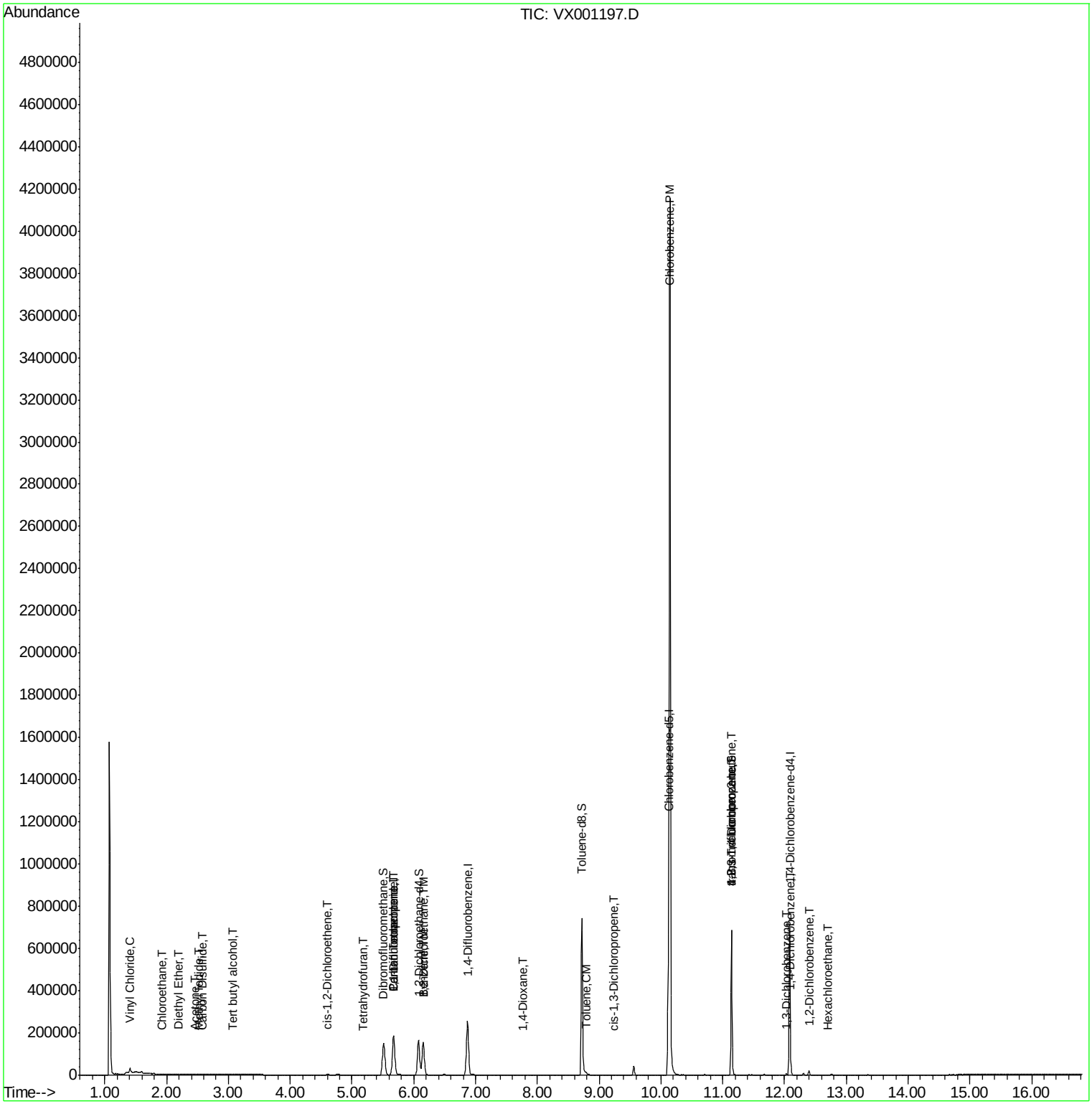
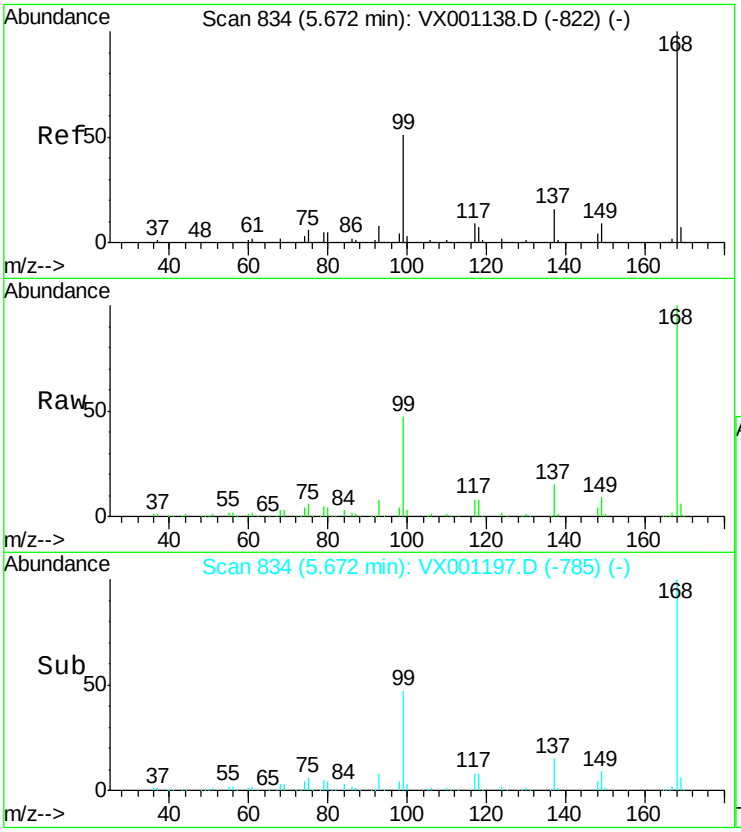
Sample : J2464-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
DUP-0446-180418

Quant Time: Apr 28 05:02:57 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



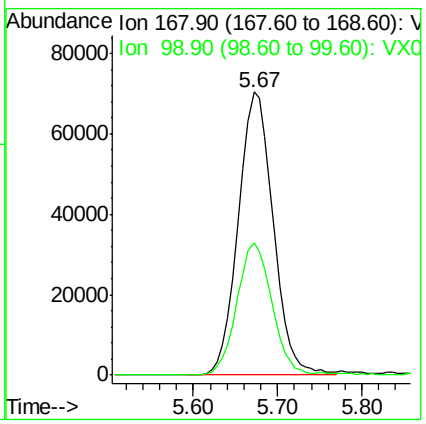


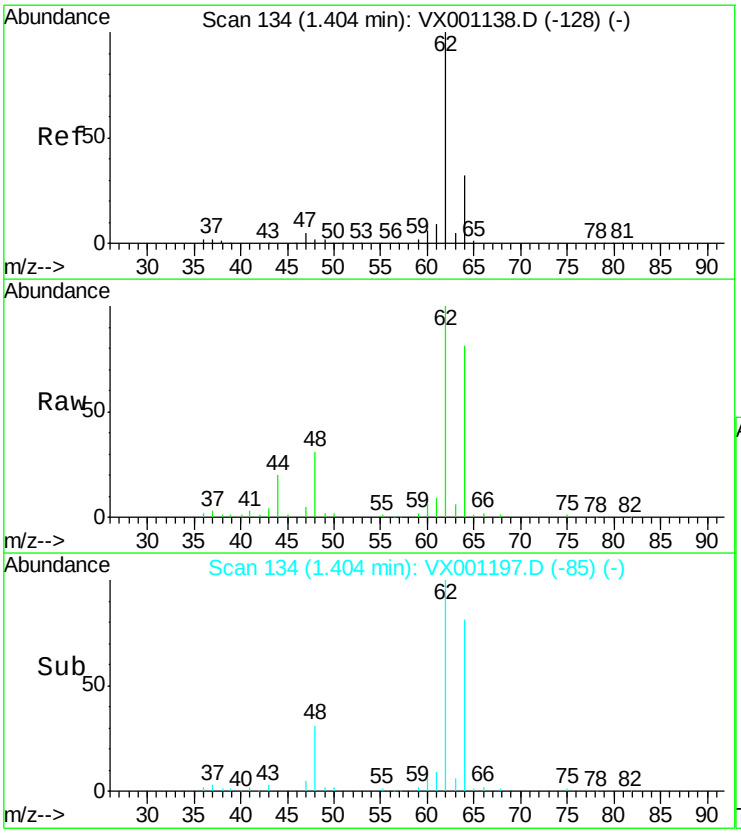
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.00 min
Lab File: VX001197.D
Acq: 28 Apr 2018 03:33

Instrument :
MSVOA_X
ClientSampleId :
DUP-0446-180418

Tgt Ion:168 Resp: 198053

Ion	Ratio	Lower	Upper
168	100		
99	46.7	40.6	60.8

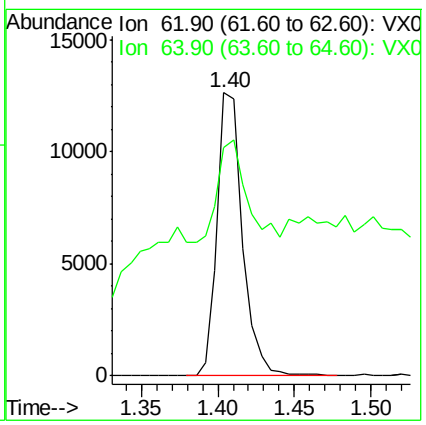


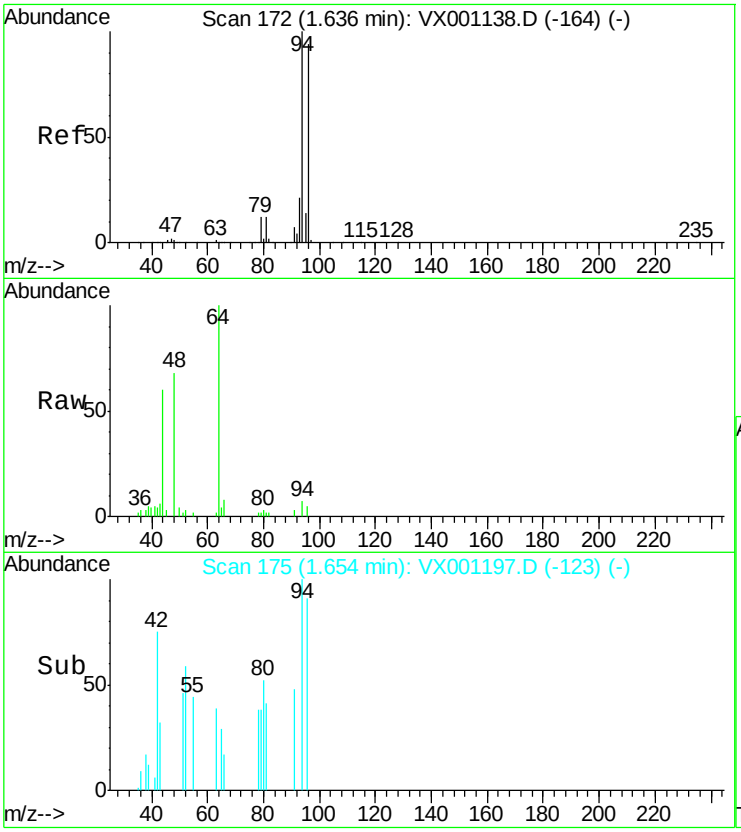


#4
Vinyl Chloride
Concen: 6.316 ug/l
RT: 1.40 min Scan# 134
Delta R.T. -0.00 min
Lab File: VX001197.D
Acq: 28 Apr 2018 03:33

Tgt Ion: 62 Resp: 14576

Ion	Ratio	Lower	Upper
62	100		
64	33.3	25.6	38.4



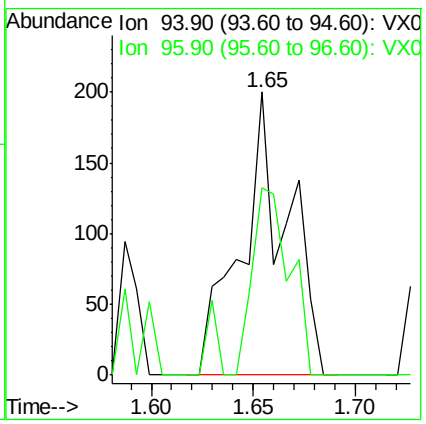


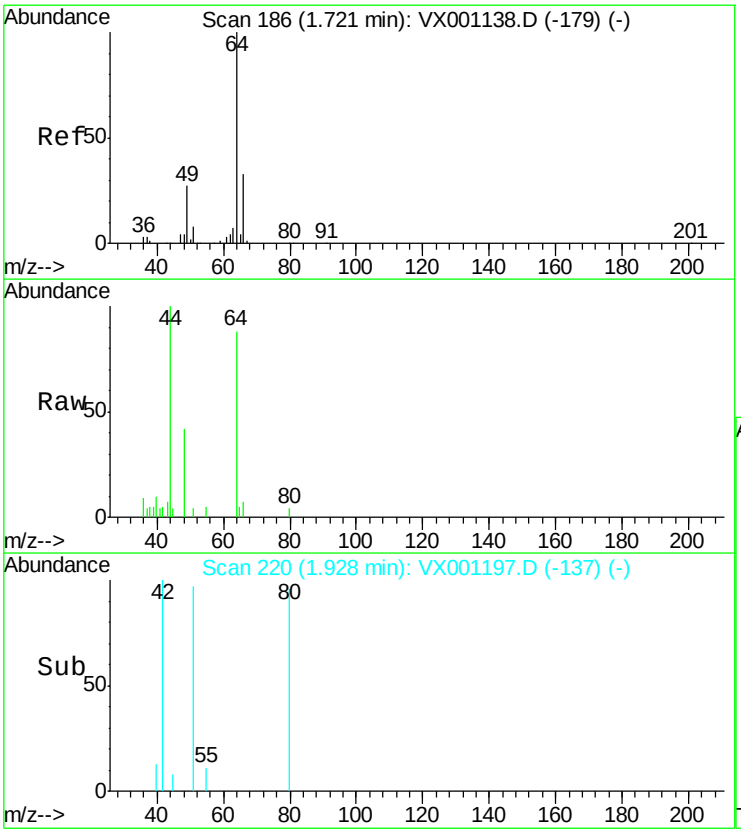
#5
Bromomethane
Concen: Below Cal
RT: 1.65 min Scan# 175
Delta R.T. 0.02 min
Lab File: VX001197.D
Acq: 28 Apr 2018 03:33

Instrument :
MSVOA_X
ClientSampleId :
DUP-0446-180418

Tgt Ion: 94 Resp: 318

Ion	Ratio	Lower	Upper
94	100		
96	66.0	75.3	112.9#

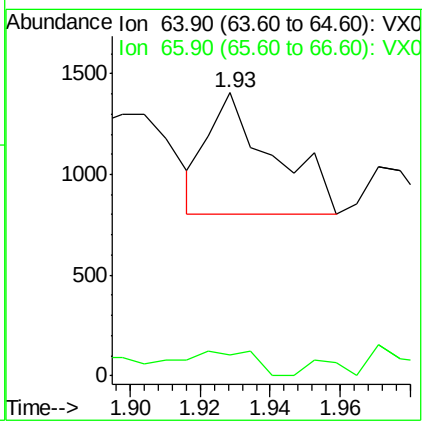


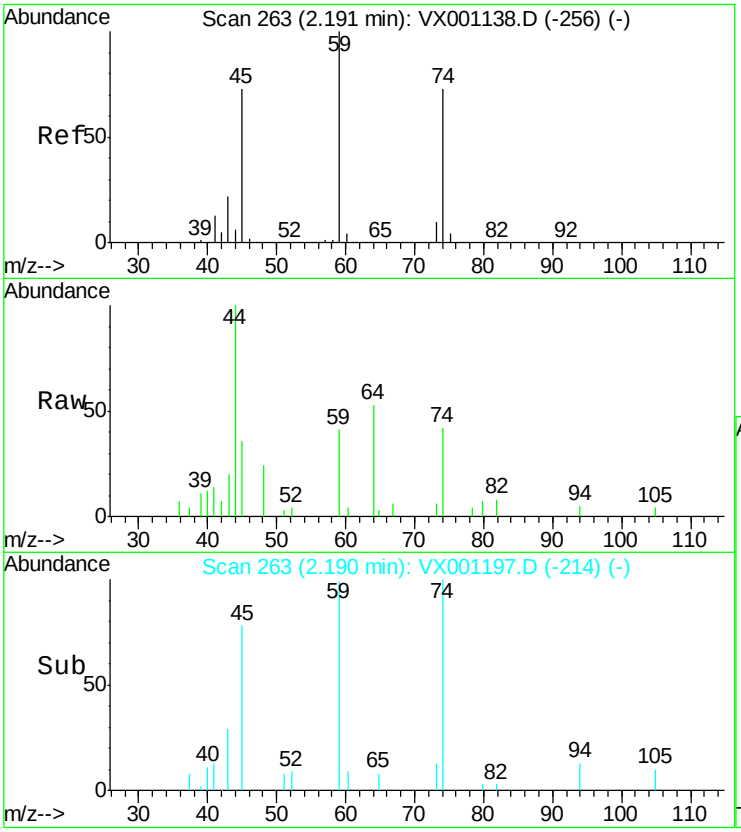


#6
Chloroethane
Concen: 0.536 ug/l
RT: 1.93 min Scan# 220
Delta R.T. 0.21 min
Lab File: VX001197.D
Acq: 28 Apr 2018 03:33

Tgt Ion: 64 Resp: 779

Ion	Ratio	Lower	Upper
64	100		
66	6.5	26.1	39.1#



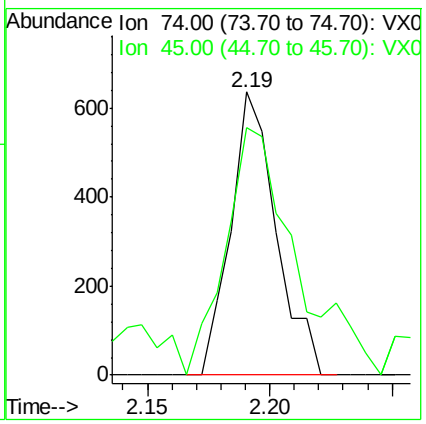


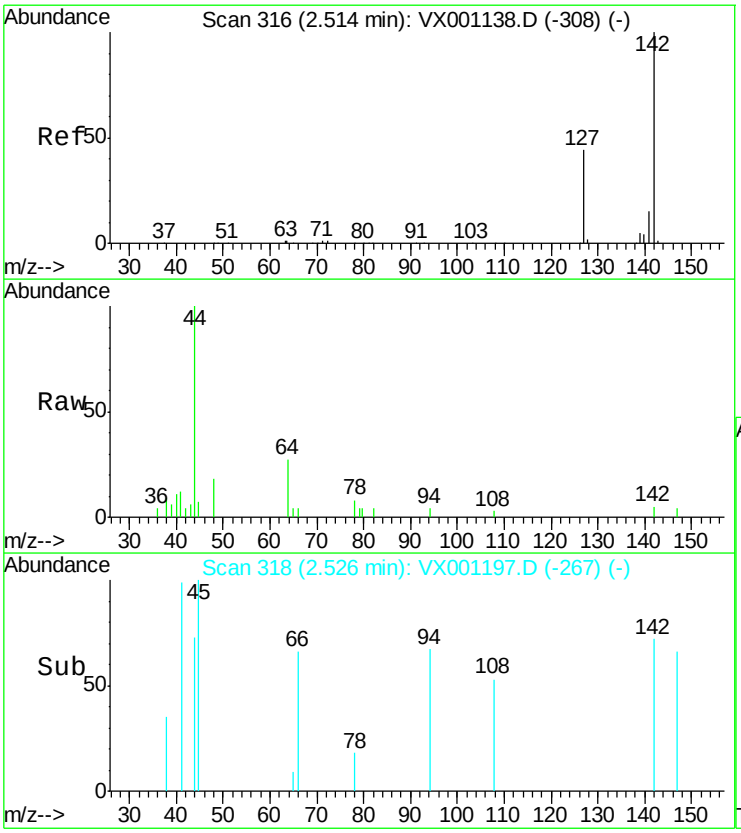
#8
Diethyl Ether
Concen: 0.575 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX001197.D
Acq: 28 Apr 2018 03:33

Instrument :
MSVOA_X
ClientSampleId :
DUP-0446-180418

Tgt Ion: 74 Resp: 824

Ion	Ratio	Lower	Upper
74	100		
45	134.0	49.5	148.7

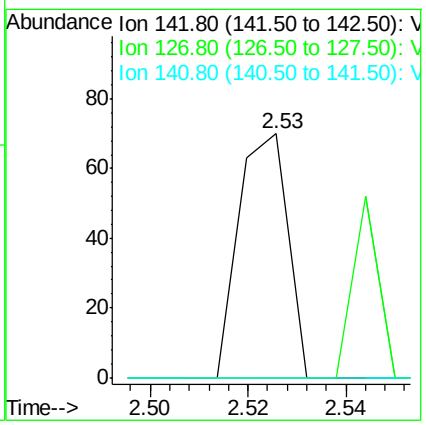


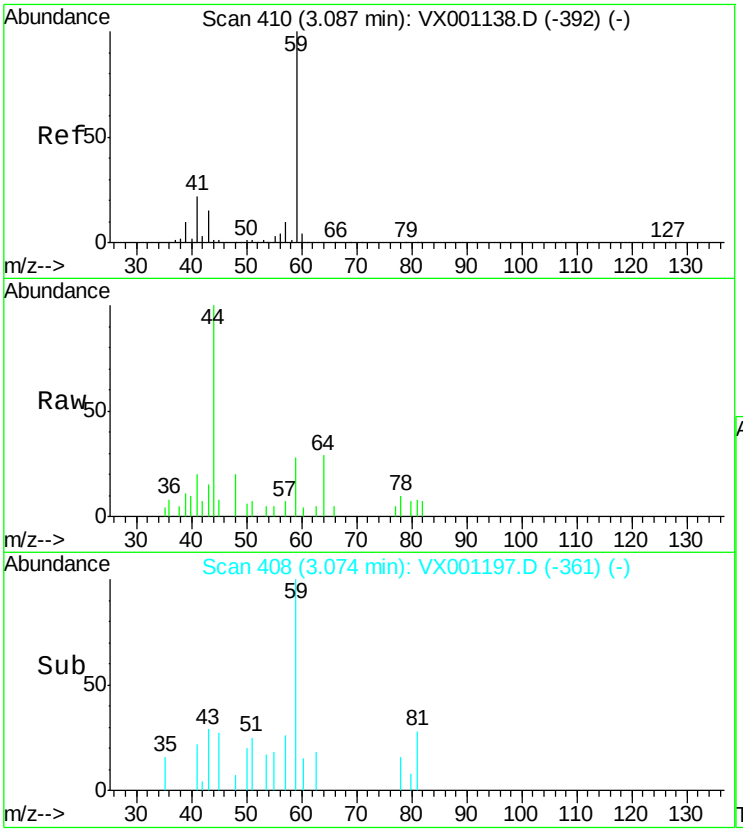


#10
Methyl Iodide
Concen: 7.258 ug/l
RT: 2.53 min Scan# 318
Delta R.T. 0.01 min
Lab File: VX001197.D
Acq: 28 Apr 2018 03:33

Tgt Ion:142 Resp: 49

Ion	Ratio	Lower	Upper
142	100		
127	38.8	34.7	52.1
141	0.0	11.6	17.4#



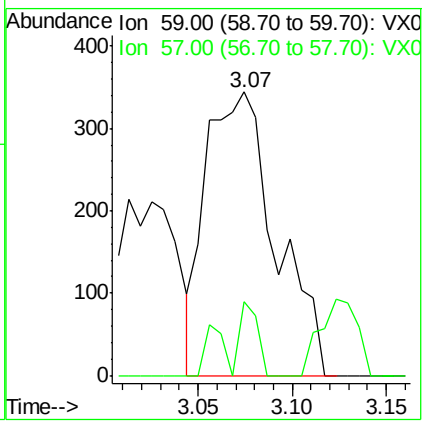


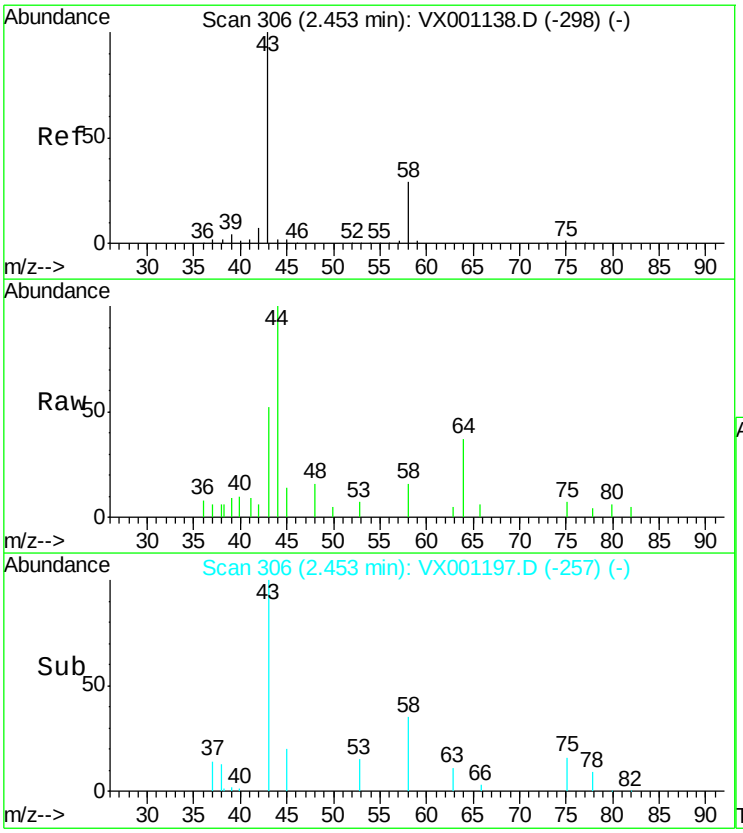
#11
Tert butyl alcohol
Concen: 1.463 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX001197.D
Acq: 28 Apr 2018 03:33

Instrument :
MSVOA_X
ClientSampleId :
DUP-0446-180418

Tgt Ion: 59 Resp: 886

Ion	Ratio	Lower	Upper
59	100		
57	6.7	8.2	12.4#

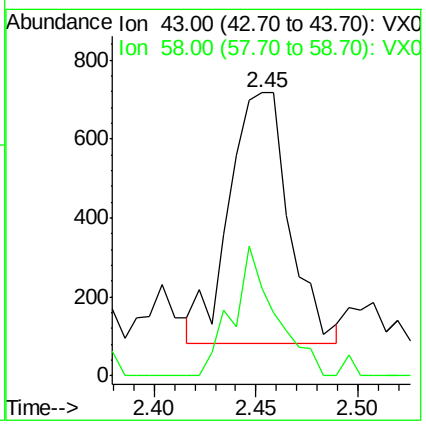


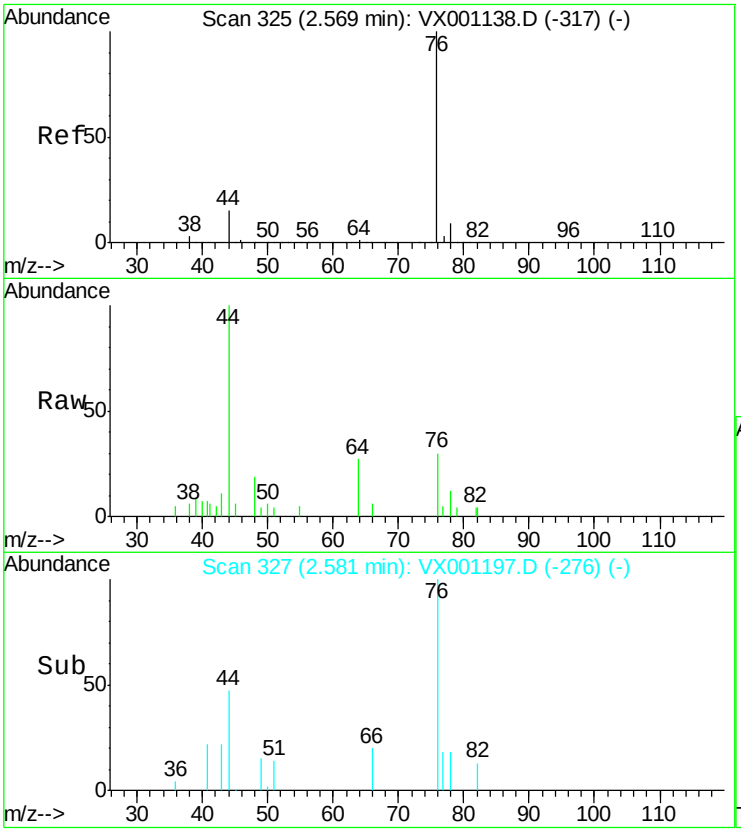


#16
Acetone
Concen: 1.025 ug/l
RT: 2.45 min Scan# 306
Delta R.T. -0.00 min
Lab File: VX001197.D
Acq: 28 Apr 2018 03:33

Tgt Ion: 43 Resp: 1294

Ion	Ratio	Lower	Upper
43	100		
58	37.6	23.0	34.6#



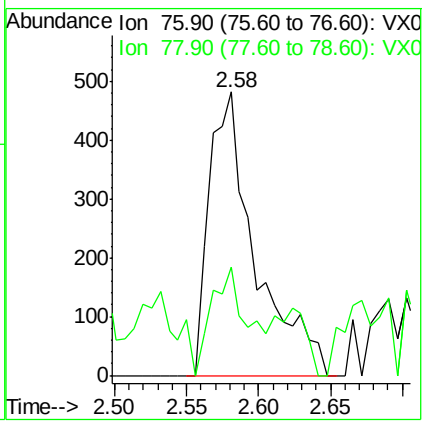


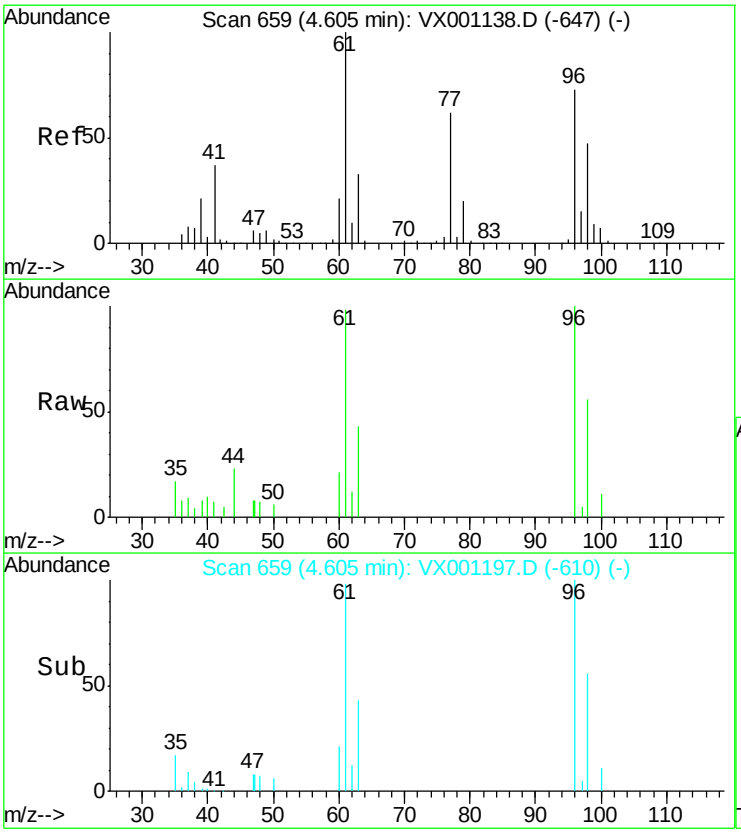
#17
Carbon Disulfide
Concen: 0.210 ug/l
RT: 2.58 min Scan# 327
Delta R.T. 0.01 min
Lab File: VX001197.D
Acq: 28 Apr 2018 03:33

Instrument :
MSVOA_X
ClientSampleId :
DUP-0446-180418

Tgt Ion: 76 Resp: 1073

Ion	Ratio	Lower	Upper
76	100		
78	21.2	7.3	10.9#

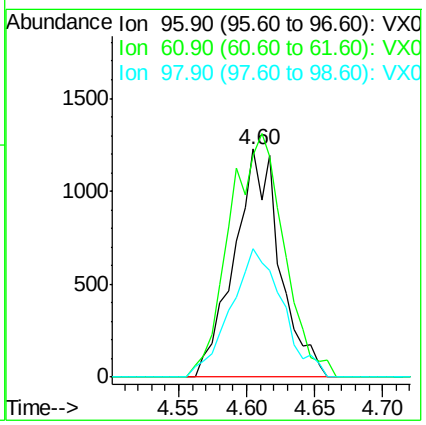


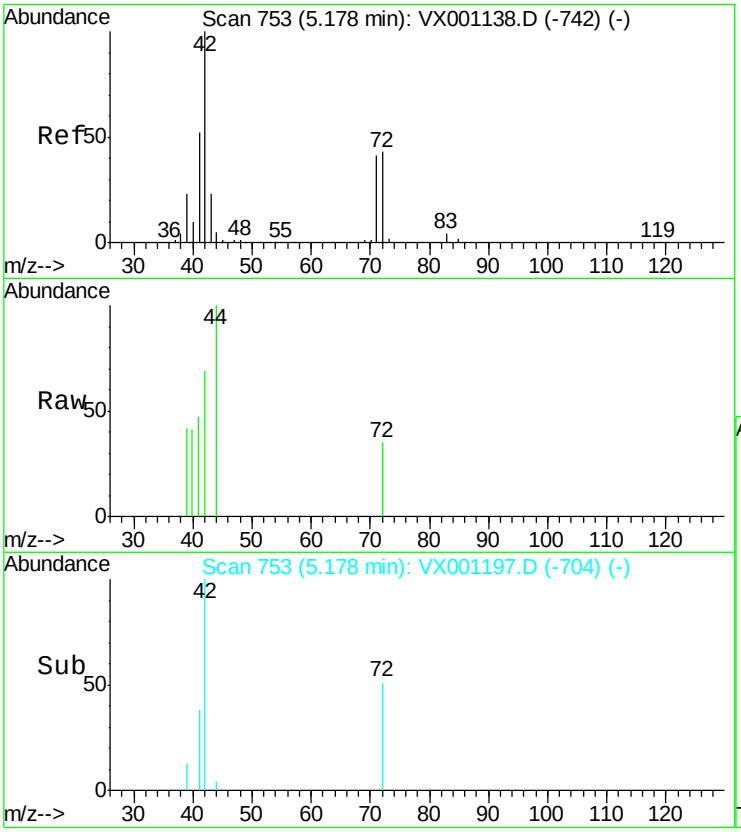


#27
cis-1,2-Dichloroethene
Concen: 1.190 ug/l
RT: 4.60 min Scan# 659
Delta R.T. -0.00 min
Lab File: VX001197.D
Acq: 28 Apr 2018 03:33

Tgt Ion: 96 Resp: 2885

Ion	Ratio	Lower	Upper
96	100		
61	126.8	0.0	289.0
98	63.9	0.0	128.2



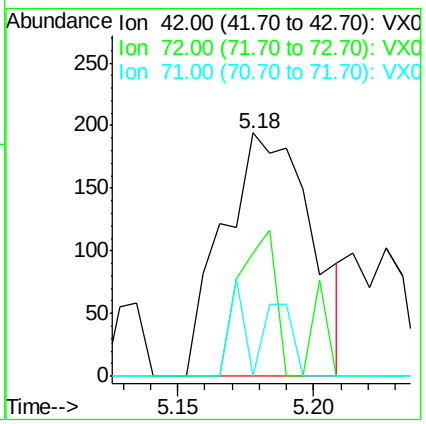


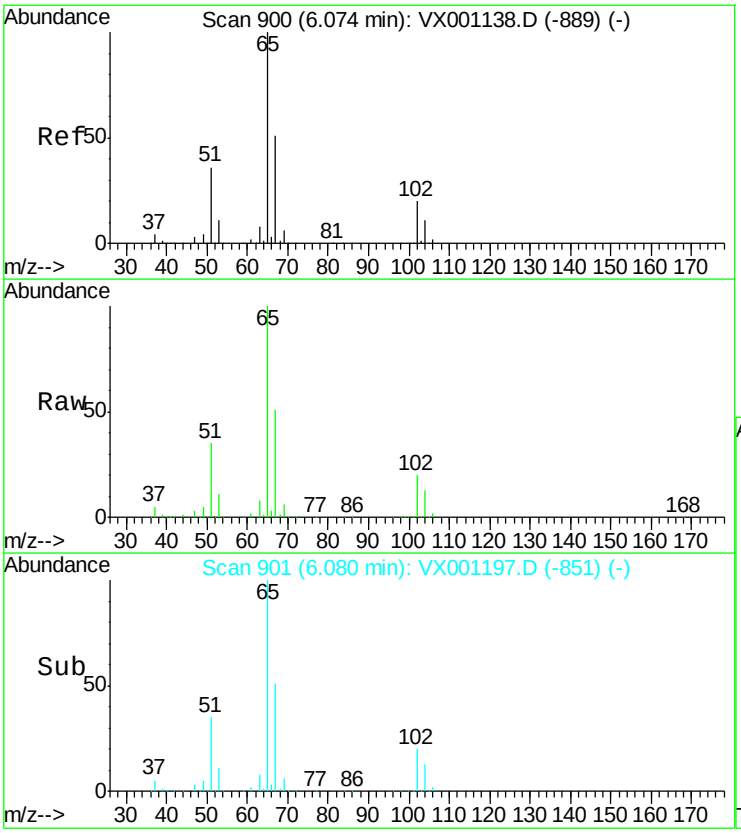
#29
Tetrahydrofuran
Concen: 0.361 ug/l
RT: 5.18 min Scan# 753
Delta R.T. -0.00 min
Lab File: VX001197.D
Acq: 28 Apr 2018 03:33

Instrument :
MSVOA_X
ClientSampleId :
DUP-0446-180418

Tgt Ion: 42 Resp: 438

Ion	Ratio	Lower	Upper
42	100		
72	24.4	34.4	51.6#
71	9.6	32.1	48.1#

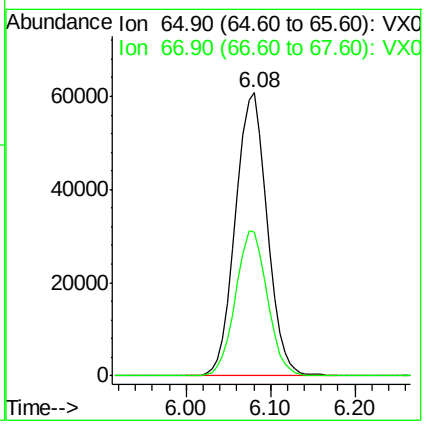


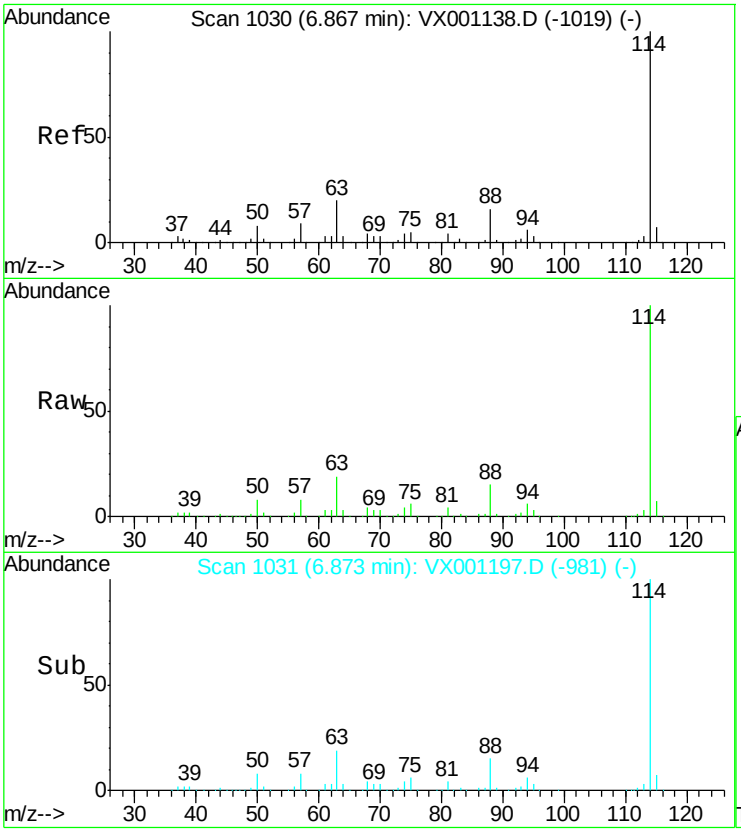


#33
1,2-Dichloroethane-d4
Concen: 50.646 ug/l
RT: 6.08 min Scan# 901
Delta R.T. 0.01 min
Lab File: VX001197.D
Acq: 28 Apr 2018 03:33

Tgt Ion: 65 Resp: 155484

Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	102.2



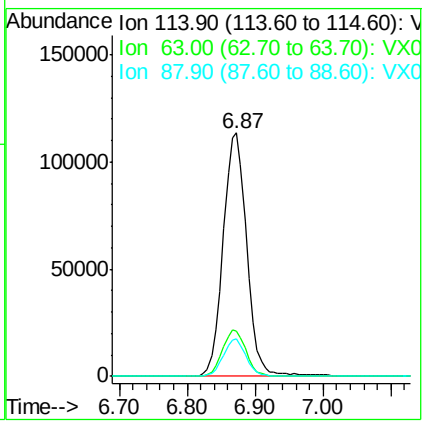


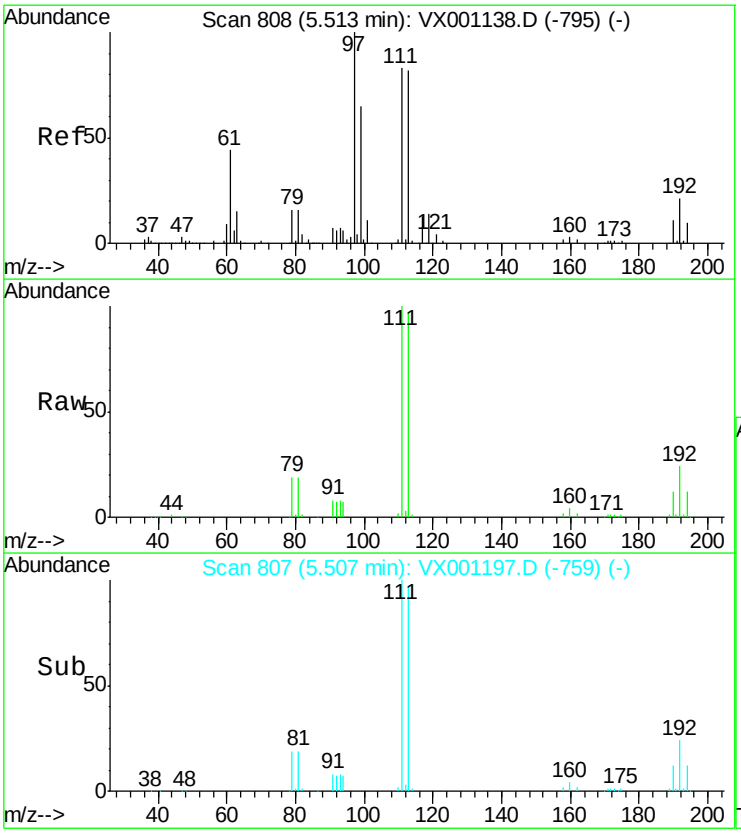
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.87 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VX001197.D
Acq: 28 Apr 2018 03:33

Instrument :
MSVOA_X
ClientSampleId :
DUP-0446-180418

Tgt Ion:114 Resp: 273172

Ion	Ratio	Lower	Upper
114	100		
63	18.7	0.0	40.4
88	15.2	0.0	31.8

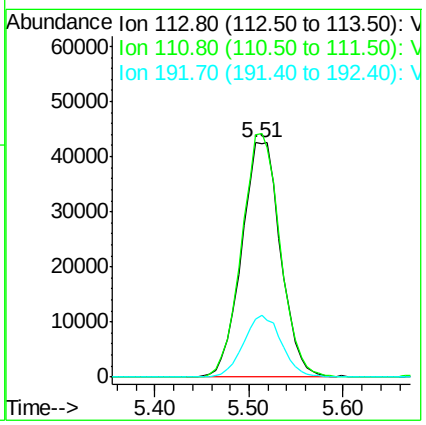


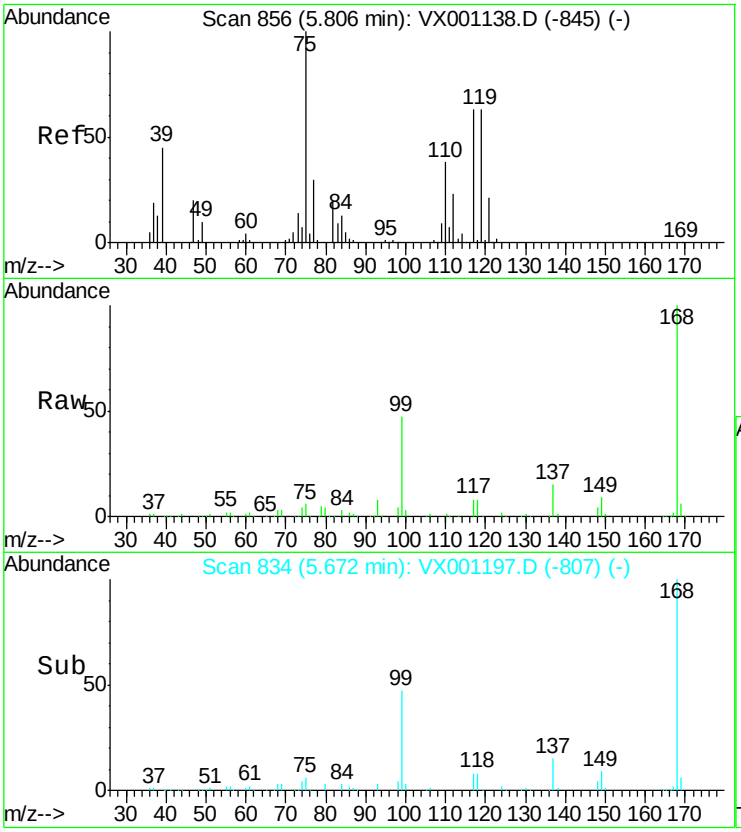


#35
Dibromofluoromethane
Concen: 54.363 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.01 min
Lab File: VX001197.D
Acq: 28 Apr 2018 03:33

Tgt Ion:113 Resp: 122916

Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.2	123.4
192	25.7	20.6	30.8



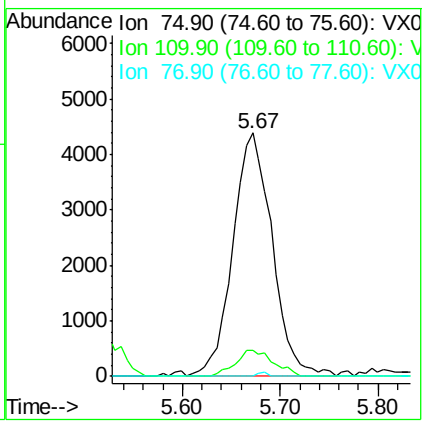


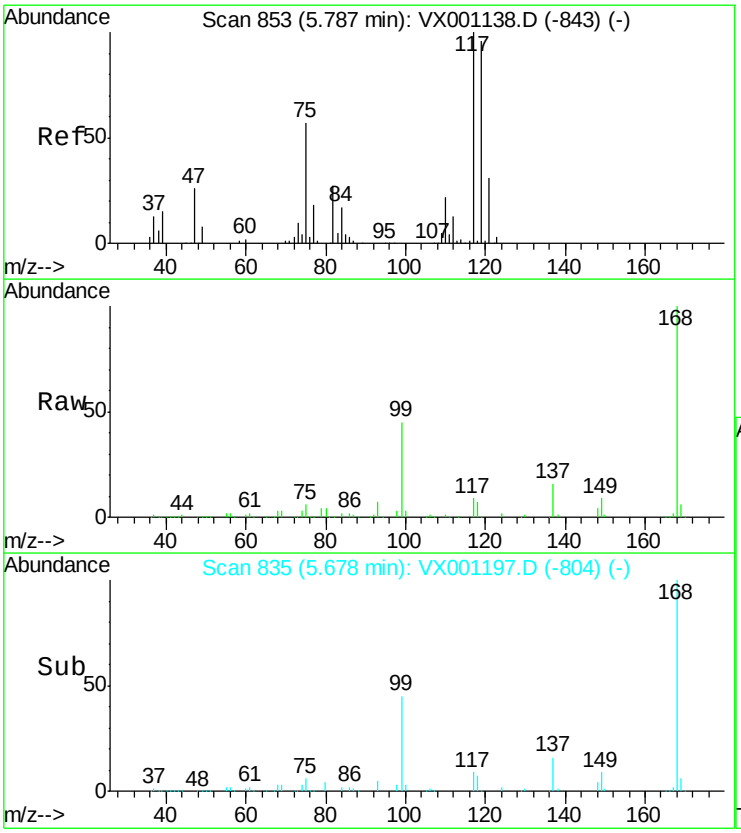
#36
1,1-Dichloropropene
Concen: 4.083 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.13 min
Lab File: VX001197.D
Acq: 28 Apr 2018 03:33

Instrument :
MSVOA_X
ClientSampleId :
DUP-0446-180418

Tgt Ion: 75 Resp: 12292

Ion	Ratio	Lower	Upper
75	100		
110	10.3	19.0	57.0#
77	0.4	24.8	37.2#

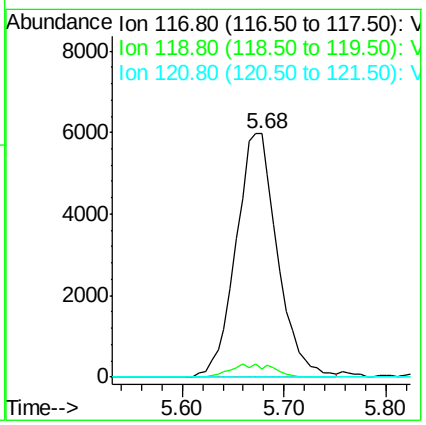


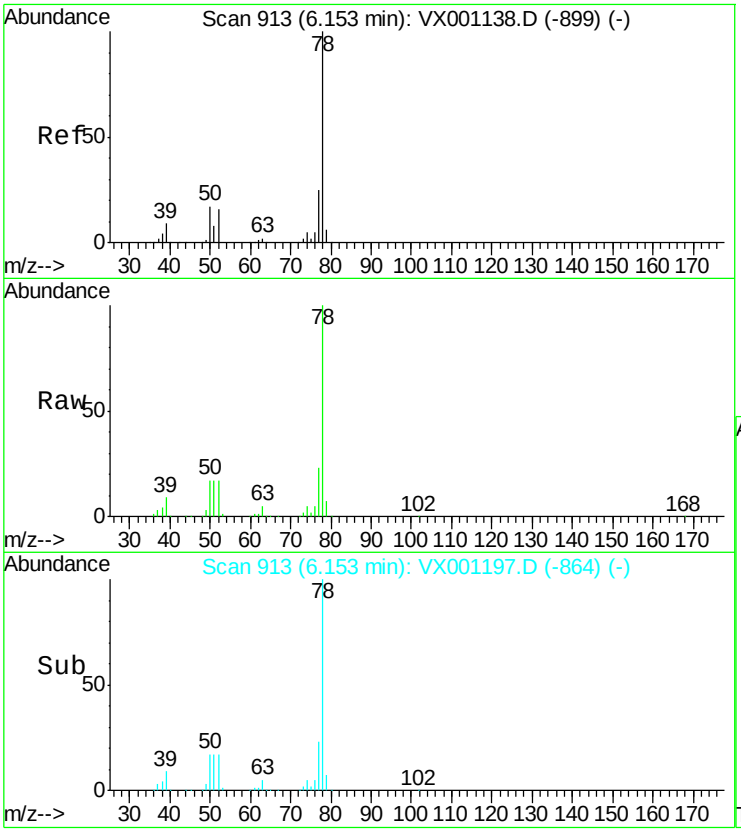


#38
Carbon Tetrachloride
Concen: 5.450 ug/l
RT: 5.68 min Scan# 835
Delta R.T. -0.11 min
Lab File: VX001197.D
Acq: 28 Apr 2018 03:33

Tgt Ion:117 Resp: 16821

Ion	Ratio	Lower	Upper
117	100		
119	3.5	76.5	114.7#
121	0.0	24.6	37.0#



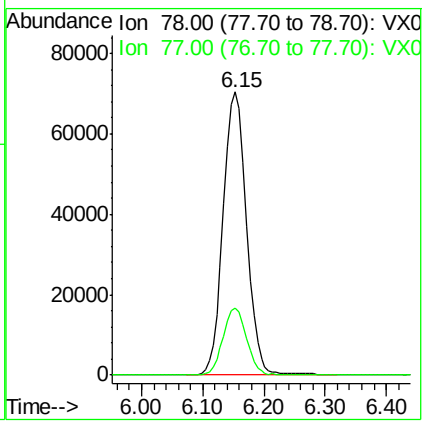


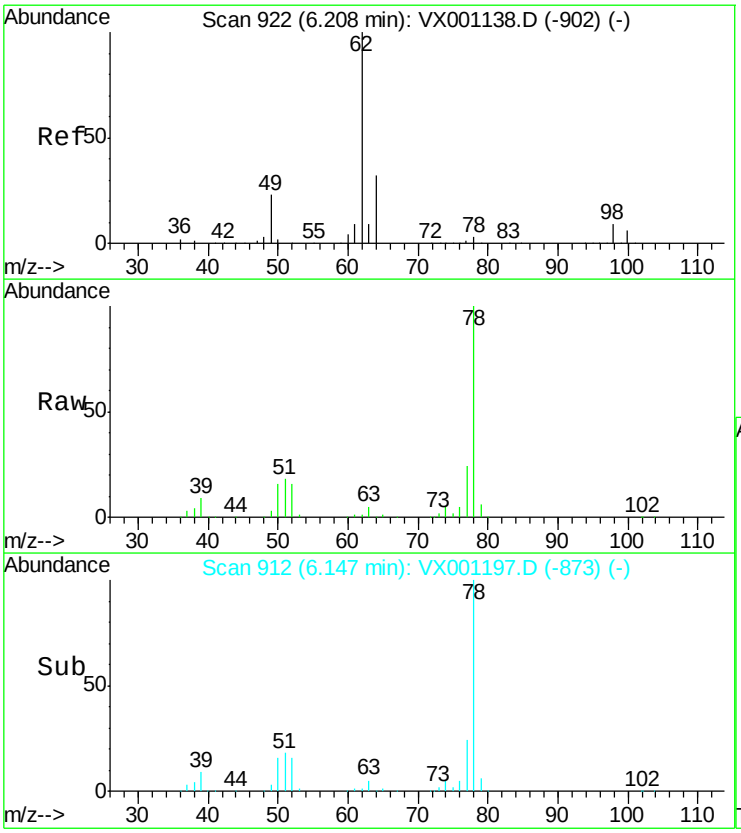
#40
Benzene
Concen: 21.390 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX001197.D
Acq: 28 Apr 2018 03:33

Instrument :
MSVOA_X
ClientSampleId :
DUP-0446-180418

Tgt Ion: 78 Resp: 186268

Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.7	29.5

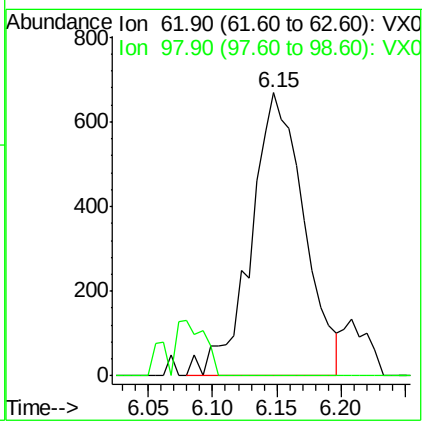


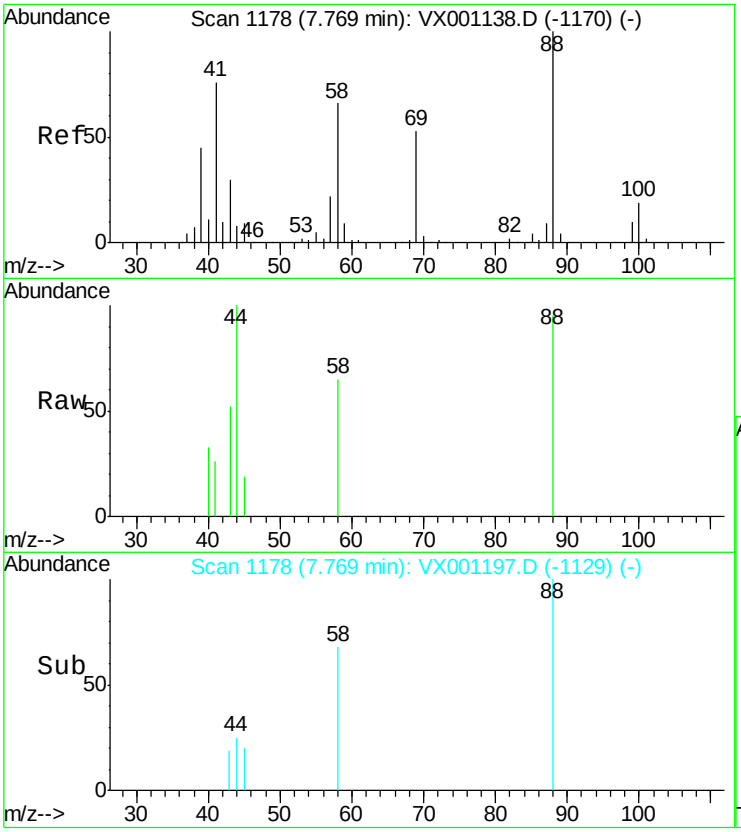


#42
1,2-Dichloroethane
Concen: 0.545 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.06 min
Lab File: VX001197.D
Acq: 28 Apr 2018 03:33

Tgt Ion: 62 Resp: 1913

Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	17.0



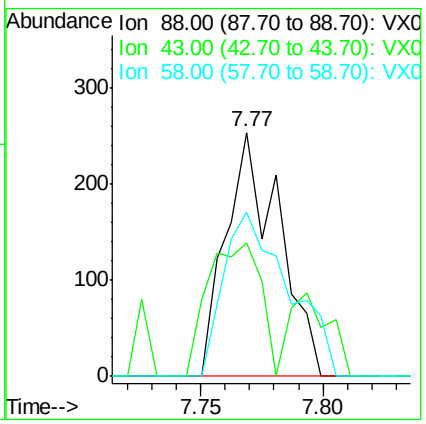


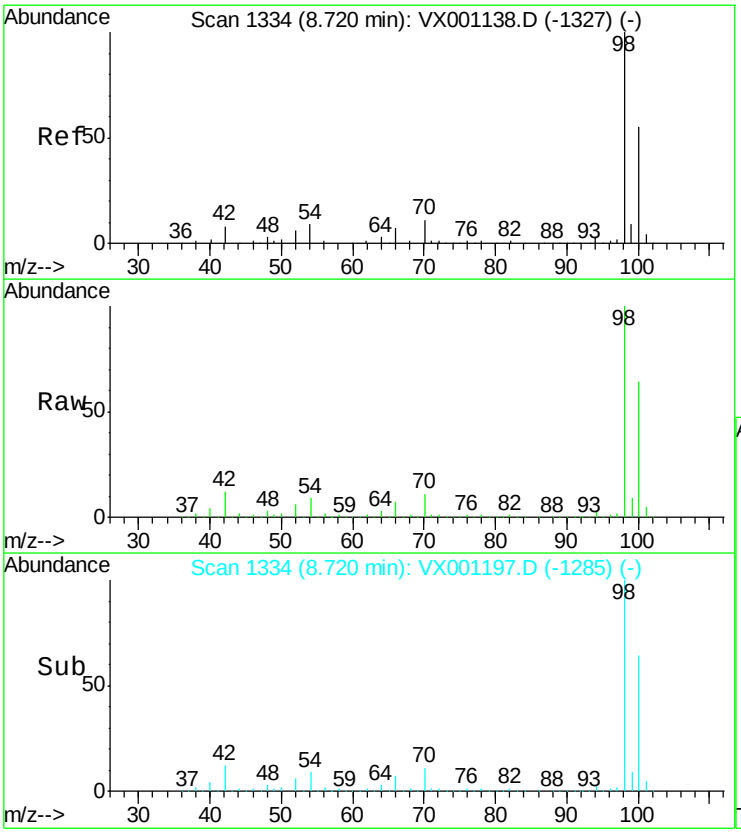
#49
1,4-Dioxane
Concen: 6.291 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VX001197.D
Acq: 28 Apr 2018 03:33

Instrument :
MSVOA_X
ClientSampleId :
DUP-0446-180418

Tgt Ion: 88 Resp: 379

Ion	Ratio	Lower	Upper
88	100		
43	55.1	27.3	40.9#
58	82.8	54.2	81.4#

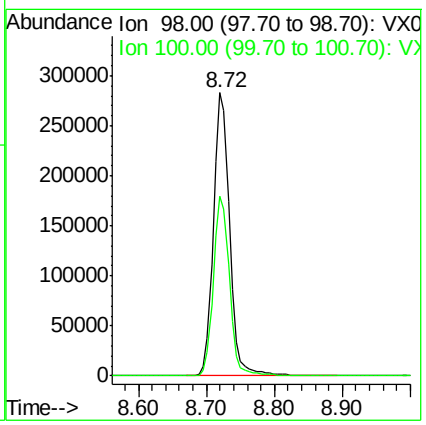


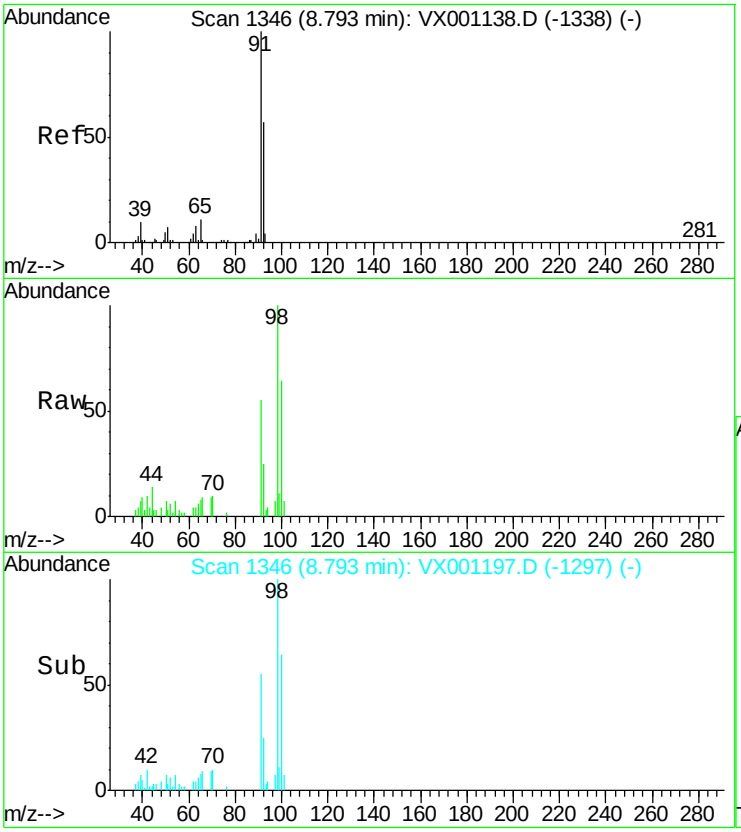


#50
Toluene-d8
Concen: 54.897 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX001197.D
Acq: 28 Apr 2018 03:33

Tgt Ion: 98 Resp: 468424

Ion	Ratio	Lower	Upper
98	100		
100	63.5	51.8	77.6



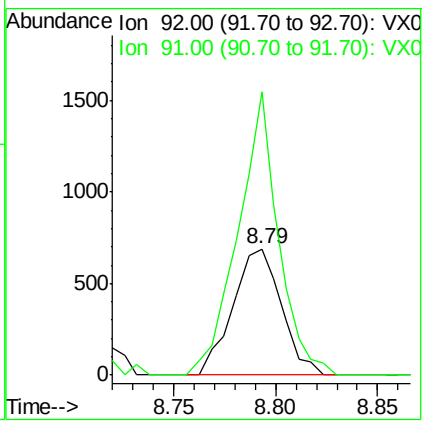


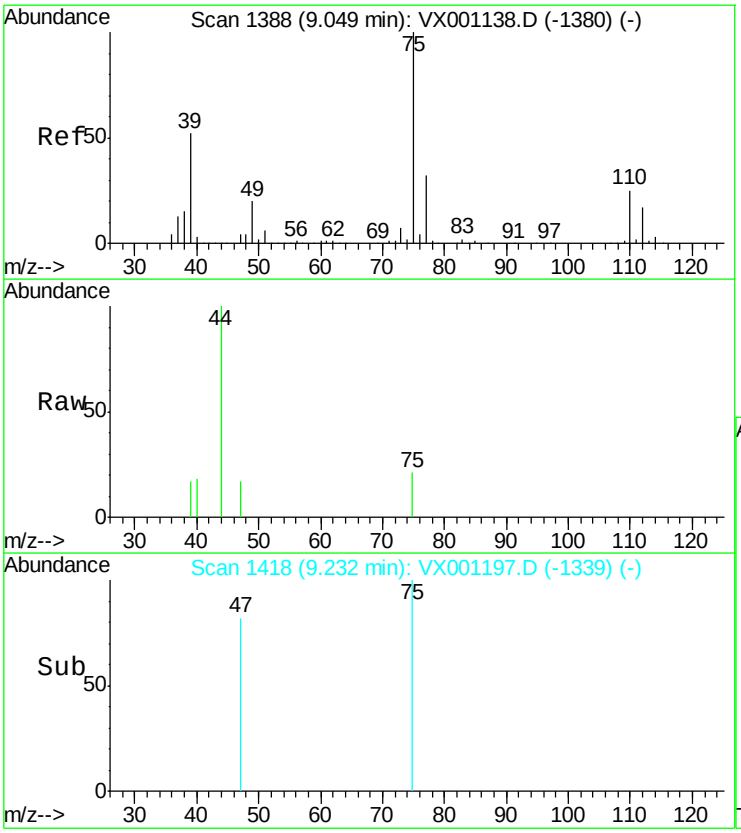
#52
Toluene
Concen: 0.201 ug/l
RT: 8.79 min Scan# 1346
Delta R.T. -0.00 min
Lab File: VX001197.D
Acq: 28 Apr 2018 03:33

Instrument :
MSVOA_X
ClientSampleId :
DUP-0446-180418

Tgt Ion: 92 Resp: 1142

Ion	Ratio	Lower	Upper
92	100		
91	186.5	139.8	209.6

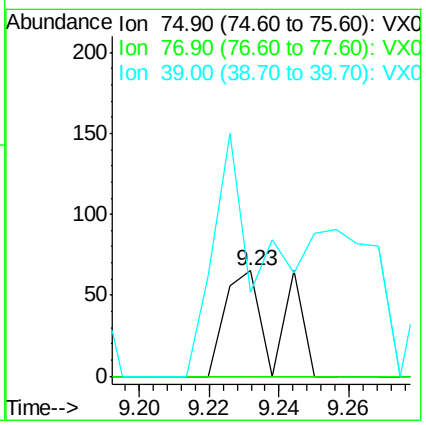


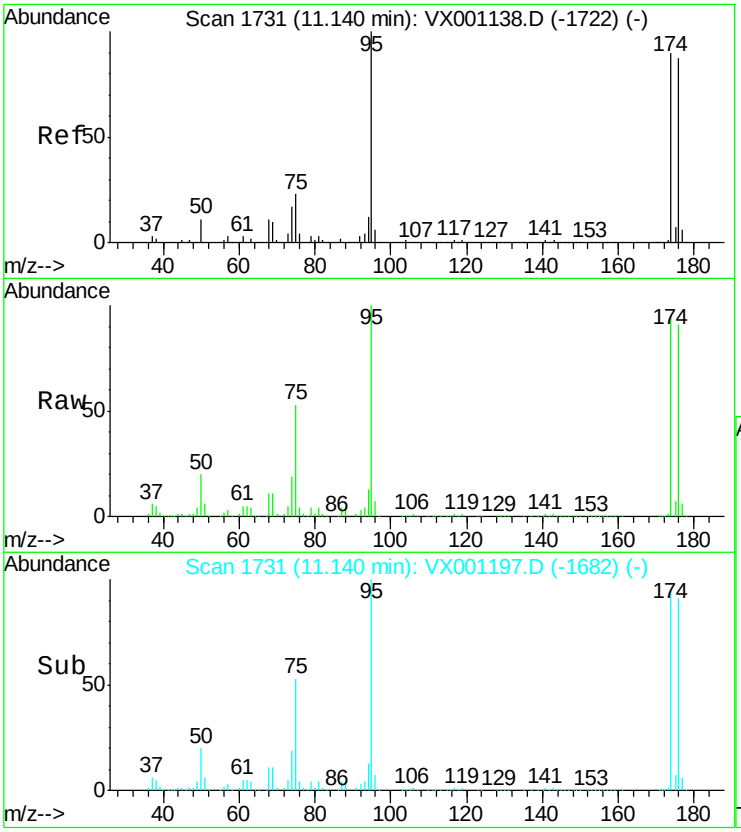


#54
cis-1,3-Dichloropropene
Concen: 3.204 ug/l
RT: 9.23 min Scan# 1418
Delta R.T. 0.18 min
Lab File: VX001197.D
Acq: 28 Apr 2018 03:33

Tgt Ion: 75 Resp: 68

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.4	38.2#
39	80.0	42.0	63.0#



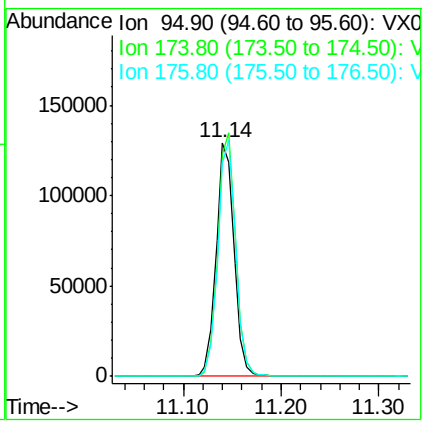


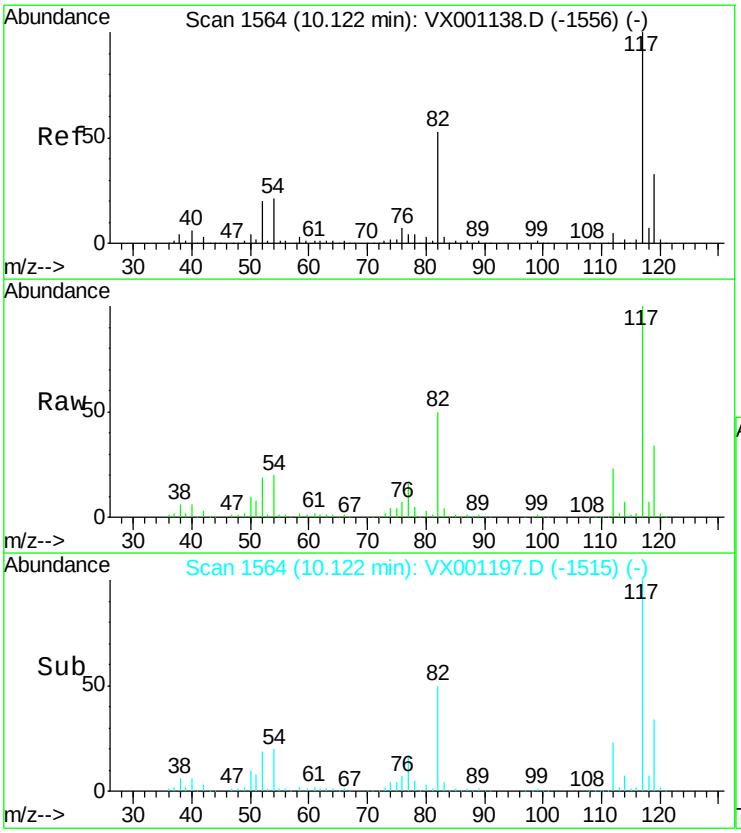
#62
4-Bromofluorobenzene
Concen: 49.258 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX001197.D
Acq: 28 Apr 2018 03:33

Instrument :
MSVOA_X
ClientSampleId :
DUP-0446-180418

Tgt Ion: 95 Resp: 164192

Ion	Ratio	Lower	Upper
95	100		
174	103.7	0.0	194.4
176	100.6	0.0	190.2

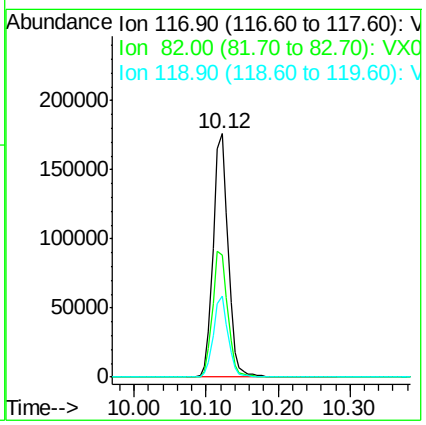


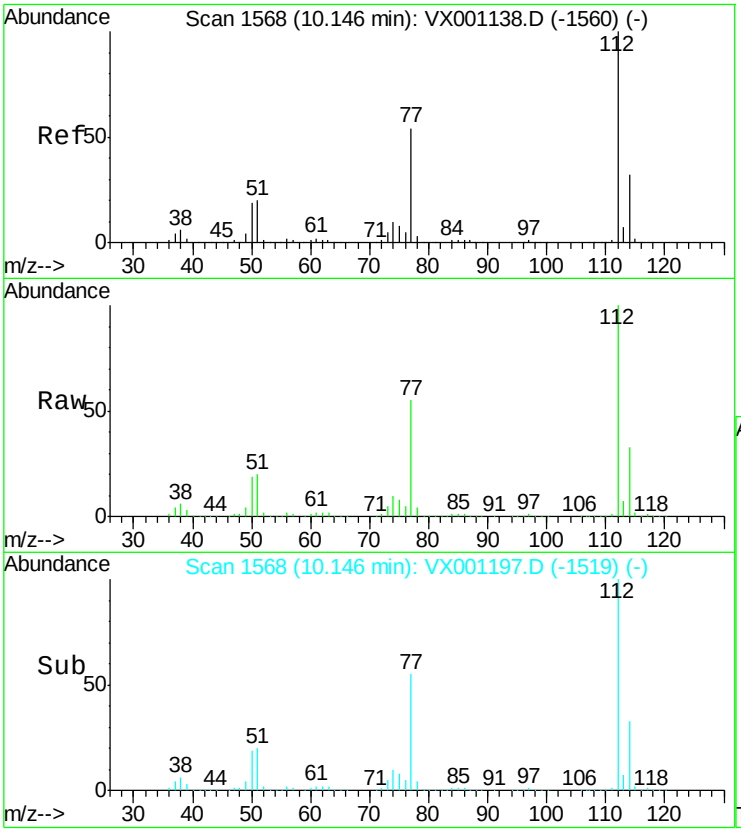


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX001197.D
Acq: 28 Apr 2018 03:33

Tgt Ion:117 Resp: 251684

Ion	Ratio	Lower	Upper
117	100		
82	50.3	42.1	63.1
119	33.5	26.1	39.1



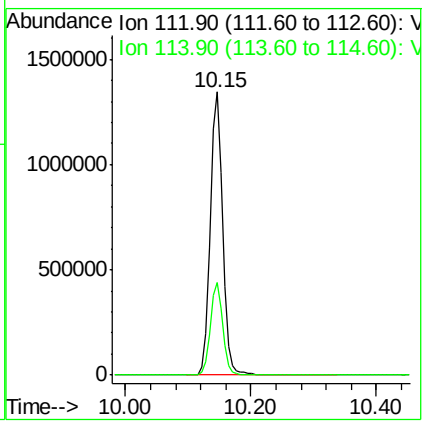


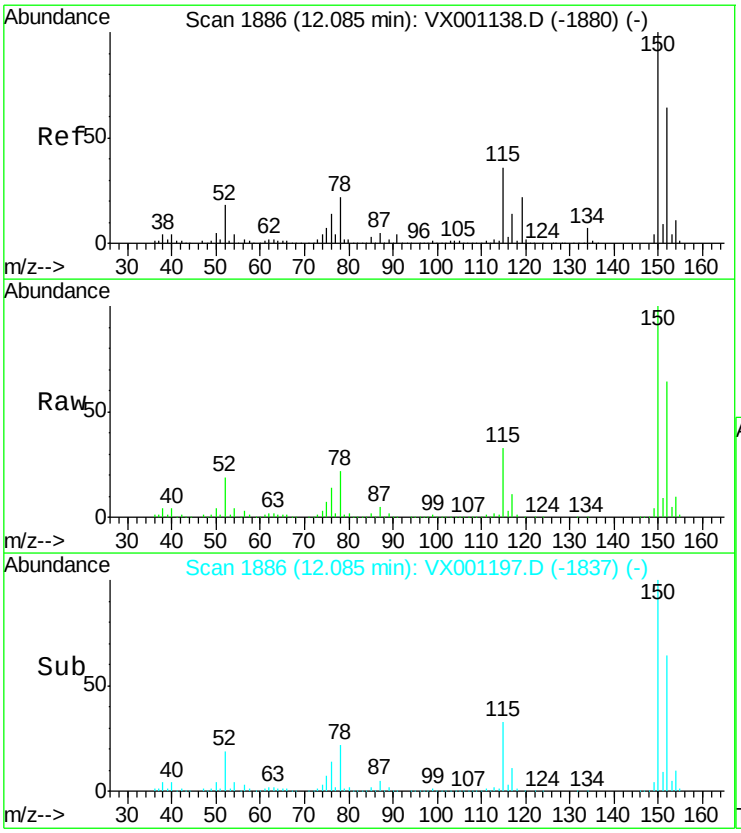
#65
Chlorobenzene
Concen: 278.236 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX001197.D
Acq: 28 Apr 2018 03:33

Instrument :
MSVOA_X
ClientSampleId :
DUP-0446-180418

Tgt Ion:112 Resp: 1834693

Ion	Ratio	Lower	Upper
112	100		
114	32.7	25.7	38.5

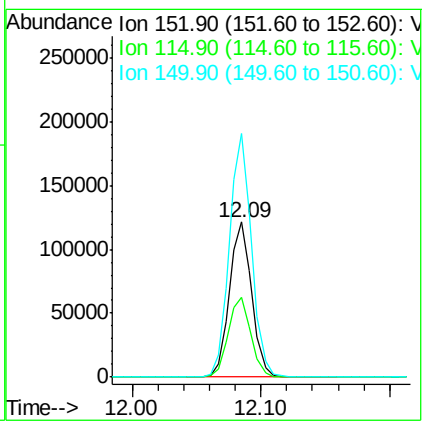


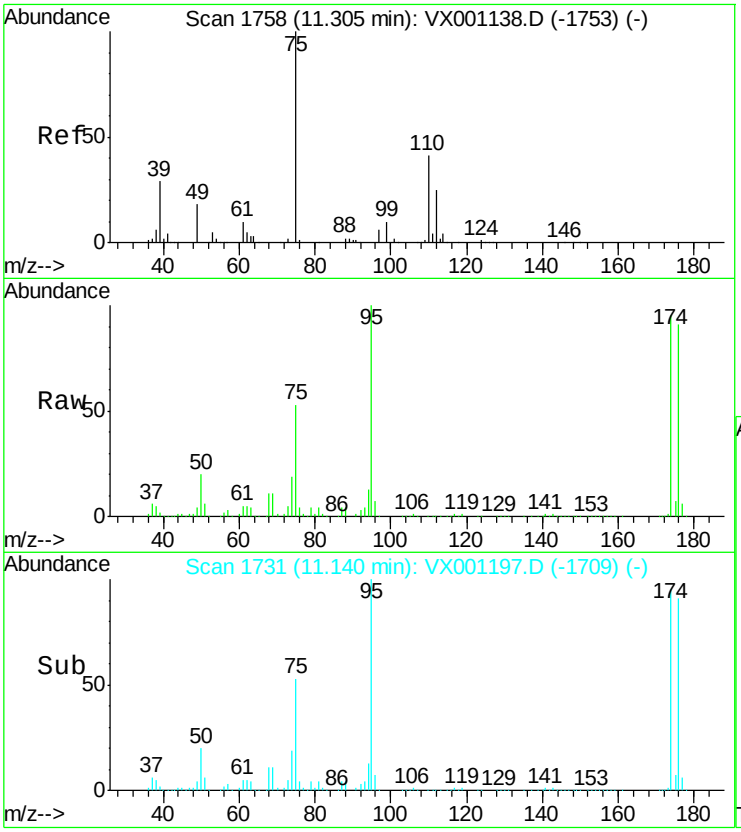


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX001197.D
Acq: 28 Apr 2018 03:33

Tgt Ion:152 Resp: 146961

Ion	Ratio	Lower	Upper
152	100		
115	52.5	38.0	114.0
150	156.5	0.0	349.6



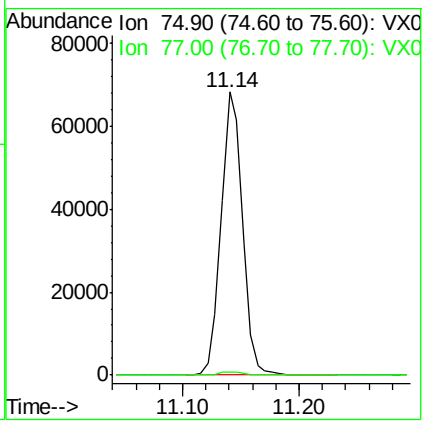


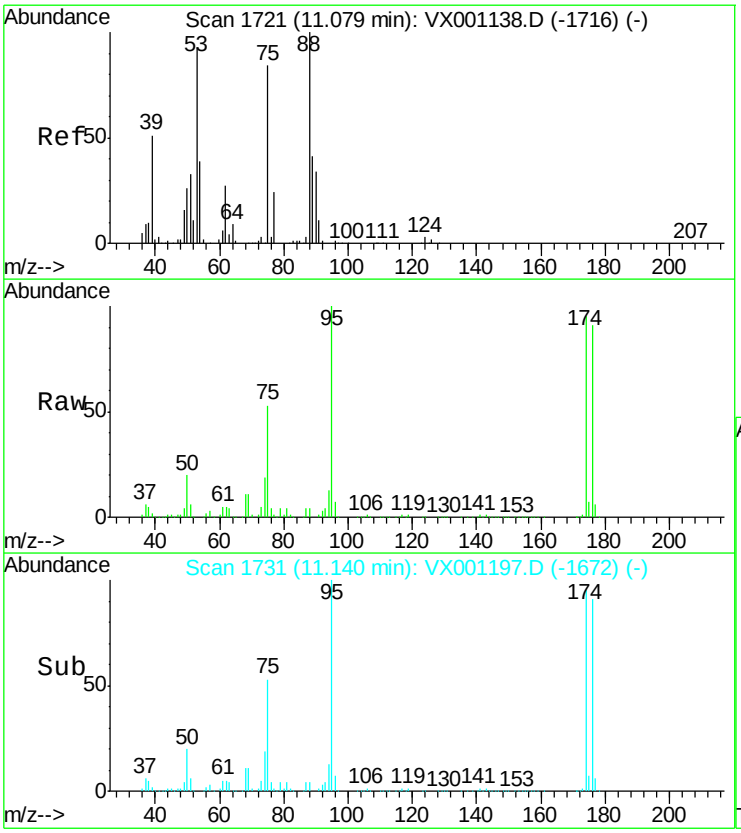
#76
1,2,3-Trichloropropane
Concen: 28.850 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX001197.D
Acq: 28 Apr 2018 03:33

Instrument :
MSVOA_X
ClientSampleId :
DUP-0446-180418

Tgt Ion: 75 Resp: 86334

Ion	Ratio	Lower	Upper
75	100		
77	1.4	18.9	56.9#

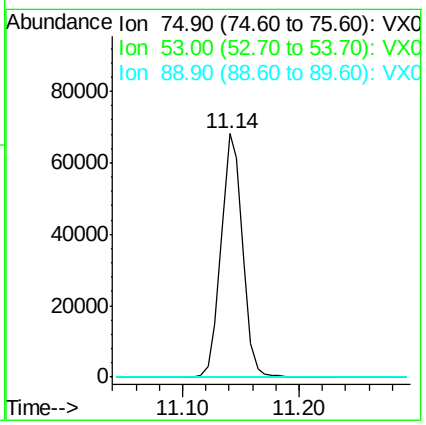


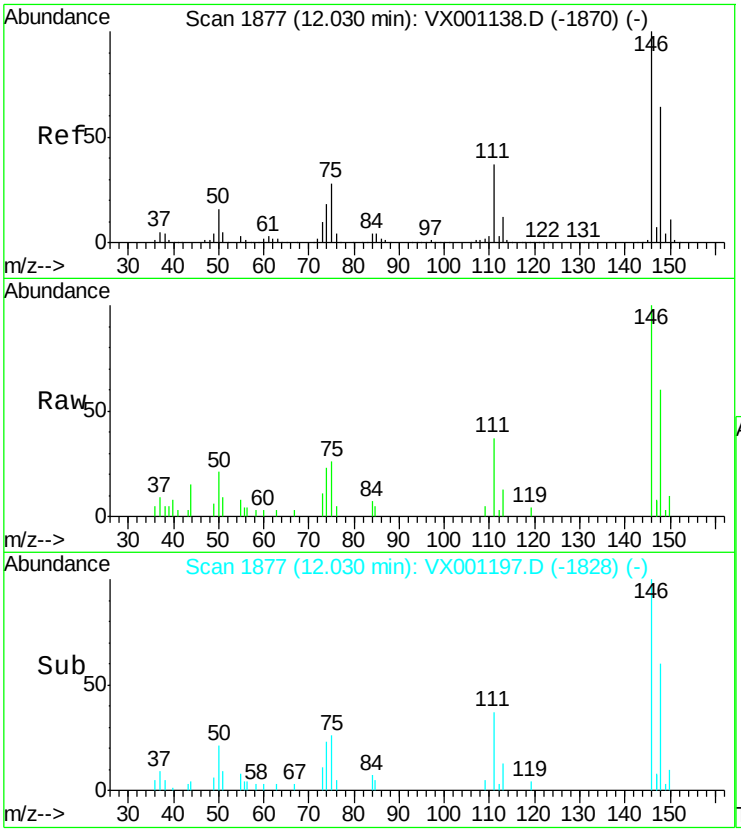


#81
trans-1,4-Dichloro-2-butene
Concen: 87.423 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX001197.D
Acq: 28 Apr 2018 03:33

Tgt Ion: 75 Resp: 86334

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



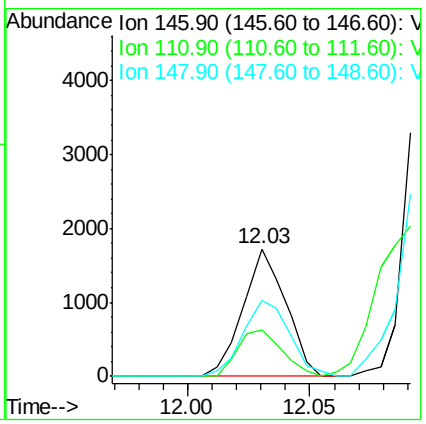


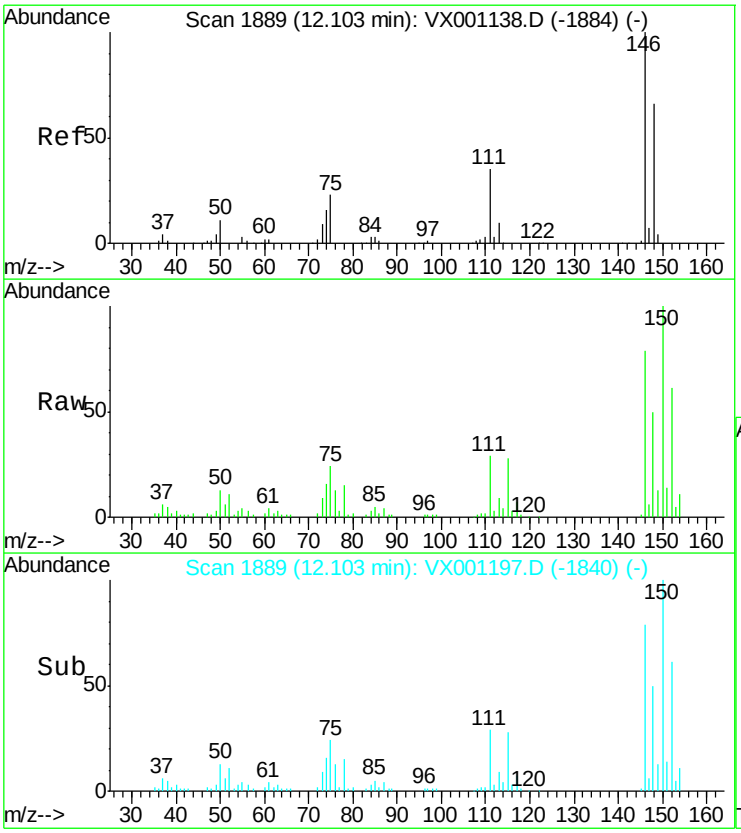
#87
1,3-Dichlorobenzene
Concen: 0.412 ug/l
RT: 12.03 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX001197.D
Acq: 28 Apr 2018 03:33

Instrument :
MSVOA_X
ClientSampleId :
DUP-0446-180418

Tgt Ion:146 Resp: 2100

Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.6	56.0
148	64.6	32.3	96.8

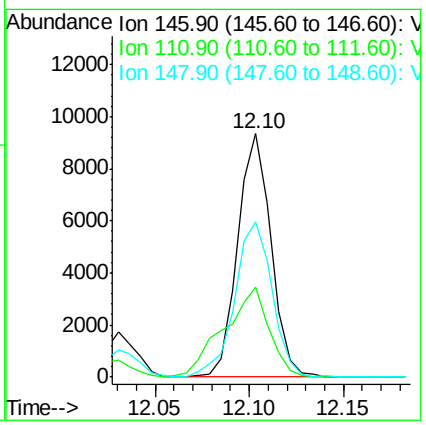


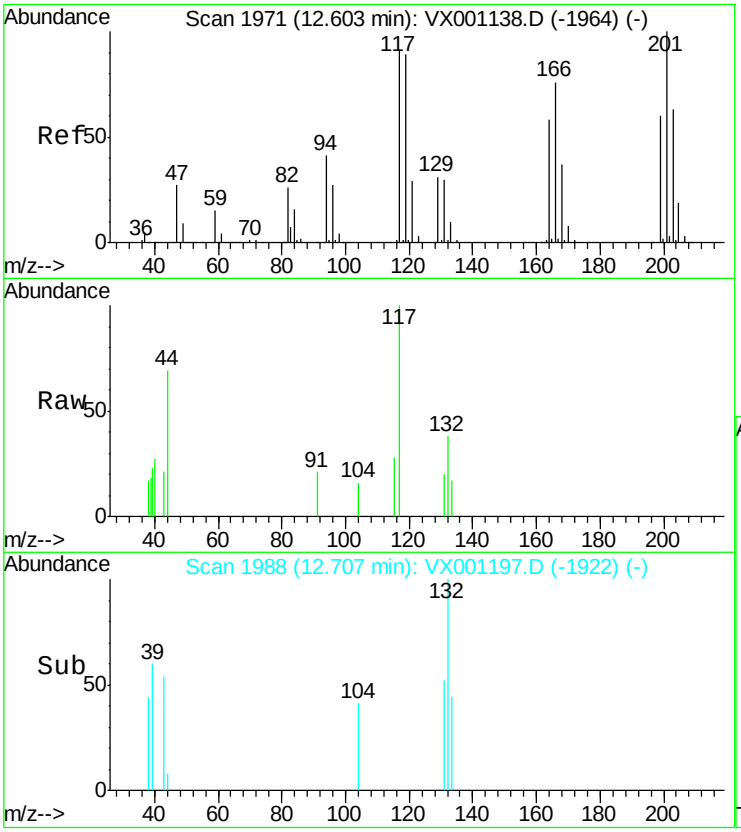


#88
1,4-Dichlorobenzene
Concen: 2.154 ug/l
RT: 12.10 min Scan# 1889
Delta R.T. -0.00 min
Lab File: VX001197.D
Acq: 28 Apr 2018 03:33

Tgt Ion:146 Resp: 11446

Ion	Ratio	Lower	Upper
146	100		
111	50.7	18.0	54.0
148	71.6	32.5	97.5



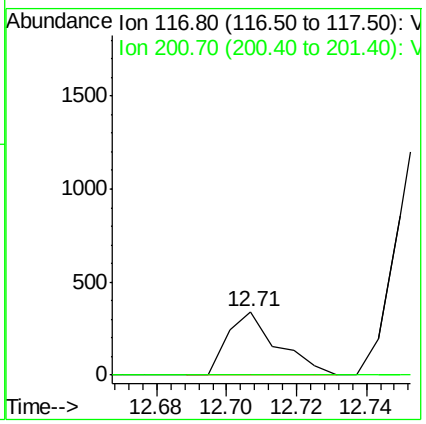


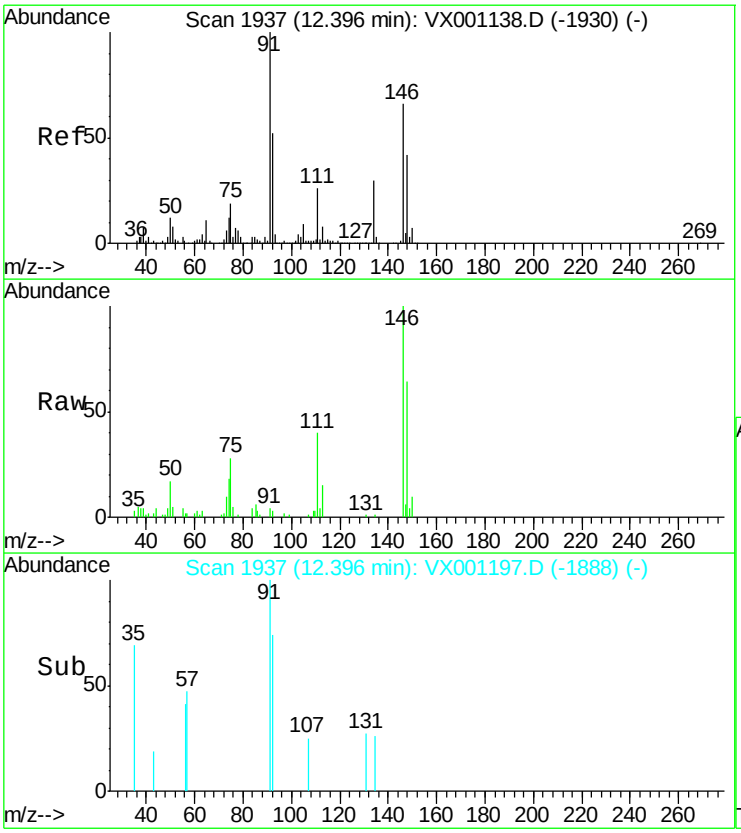
#90
Hexachloroethane
Concen: 3.598 ug/l
RT: 12.71 min Scan# 1988
Delta R.T. 0.10 min
Lab File: VX001197.D
Acq: 28 Apr 2018 03:33

Instrument :
MSVOA_X
ClientSampleId :
DUP-0446-180418

Tgt Ion:117 Resp: 337

Ion	Ratio	Lower	Upper
117	100		
201	0.0	51.8	155.4#





#91
1,2-Dichlorobenzene
Concen: 1.412 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX001197.D
Acq: 28 Apr 2018 03:33

Tgt Ion:146 Resp: 7278

Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.1	57.3
148	63.0	32.2	96.6