Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061518\
Data File : VX002643.D
Acq On : 16 Jun 2018 12:56
Operator : JC/MD
Sample : J3477-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 54 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Jun 18 06:11:18 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:37:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.67	168	215235	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	302391	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	285171	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	163166	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	143942	44.01	ug/l		0.00
Spiked Amount 50.000			Recovery = 88.02%				
35) Dibromofluoromethane	5.51	113	110589	45.82	ug/l		0.00
Spiked Amount 50.000			Recovery = 91.64%				
50) Toluene-d8	8.72	98	433942	47.36	ug/l		0.00
Spiked Amount 50.000			Recovery = 94.72%				
62) 4-Bromofluorobenzene	11.14	95	152208	43.83	ug/l		0.00
Spiked Amount 50.000			Recovery = 87.66%				
Target Compounds							Qvalue
3) Chloromethane	1.32	50	918	0.34	ug/l	#	77
4) Vinyl Chloride	1.40	62	36958	13.10	ug/l	#	87
5) Bromomethane	1.65	94	996	0.59	ug/l		95
6) Chloroethane	1.78	64	1120	0.60	ug/l	#	43
10) Methyl Iodide	2.52	142	1581	5.59	ug/l		99
11) Tert butyl alcohol	3.07	59	548	0.81	ug/l	#	52
12) 1,1-Dichloroethene	2.38	96	932	0.39	ug/l	#	61
13) Acrolein	2.30	56	85	7.12	ug/l	#	1
16) Acetone	2.45	43	11296	7.83	ug/l		99
18) Methyl Acetate	2.79	43	1444	0.38	ug/l		97
21) trans-1,2-Dichloroethene	3.17	96	20398	7.82	ug/l		99
25) 2-Butanone	4.72	43	882	0.47	ug/l	#	52
27) cis-1,2-Dichloroethene	4.60	96	38531	14.51	ug/l		89
36) 1,1-Dichloropropene	5.67	75	15112	4.71	ug/l	#	52
38) Carbon Tetrachloride	5.67	117	19339	6.05	ug/l	#	16
39) Methylcyclohexane	7.46	83	888	0.24	ug/l		92
40) Benzene	6.15	78	19737	2.05	ug/l		92
44) Trichloroethene	7.22	130	1723	0.62	ug/l		92
49) 1,4-Dioxane	7.51	88	51	0.88	ug/l	#	1
53) t-1,3-Dichloropropene	8.45	75	22	2.40	ug/l	#	43
54) cis-1,3-Dichloropropene	9.04	75	26	3.22	ug/l	#	16
60) Dibromochloromethane	9.34	129	168	3.82	ug/l	#	11
65) Chlorobenzene	10.14	112	167184	23.87	ug/l		99
76) 1,2,3-Trichloropropane	11.14	75	82827	26.90	ug/l	#	33
81) trans-1,4-Dichloro-2-buten	11.14	75	82827	83.06	ug/l	#	6
87) 1,3-Dichlorobenzene	12.03	146	2013	0.36	ug/l		97
88) 1,4-Dichlorobenzene	12.03	146	2013	0.35	ug/l		97
90) Hexachloroethane	12.71	117	595	2.99	ug/l	#	1
91) 1,2-Dichlorobenzene	12.40	146	9410	1.68	ug/l		97

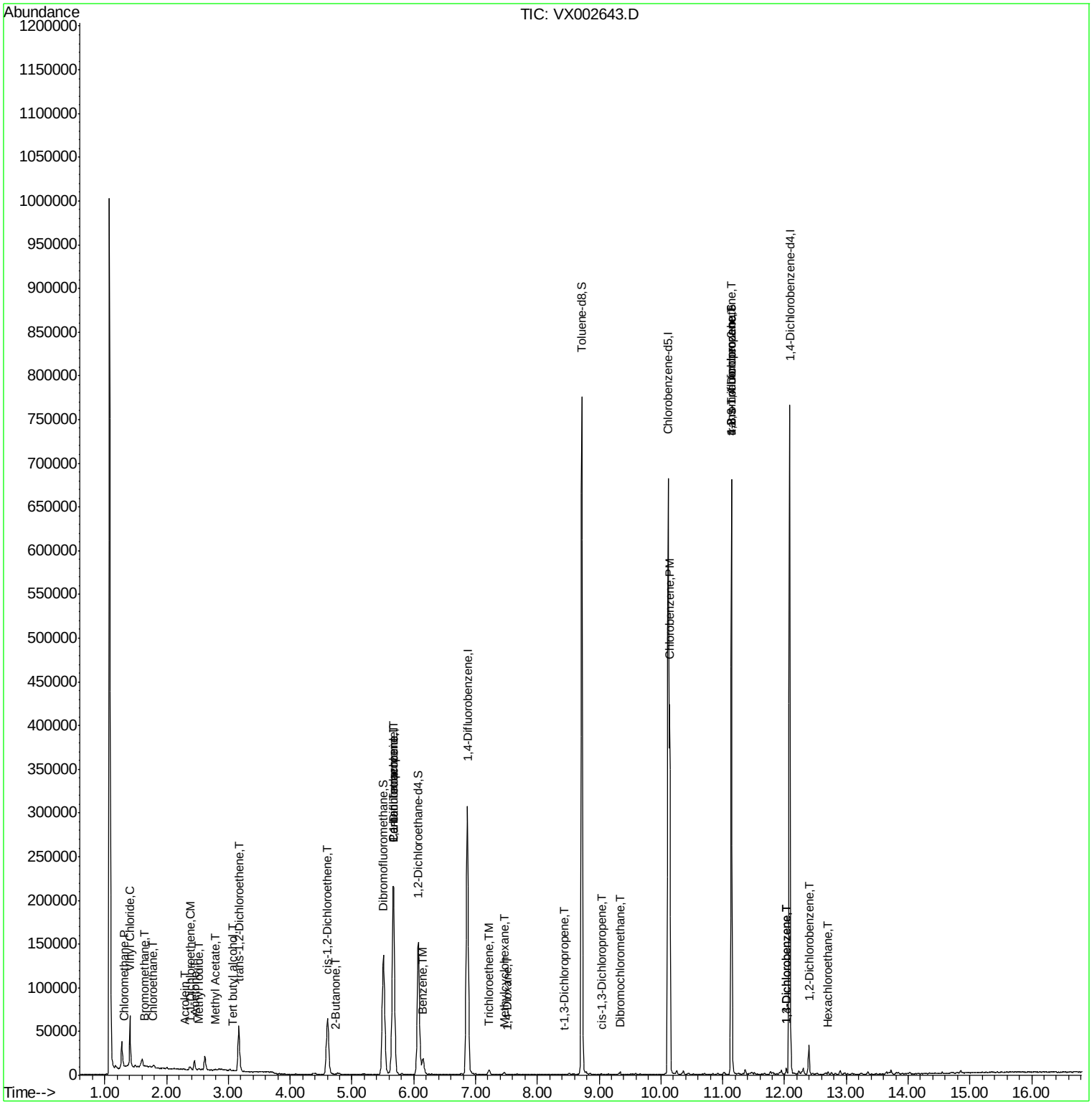
(#) = qualifier out of range (m) = manual integration (+) = signals summed

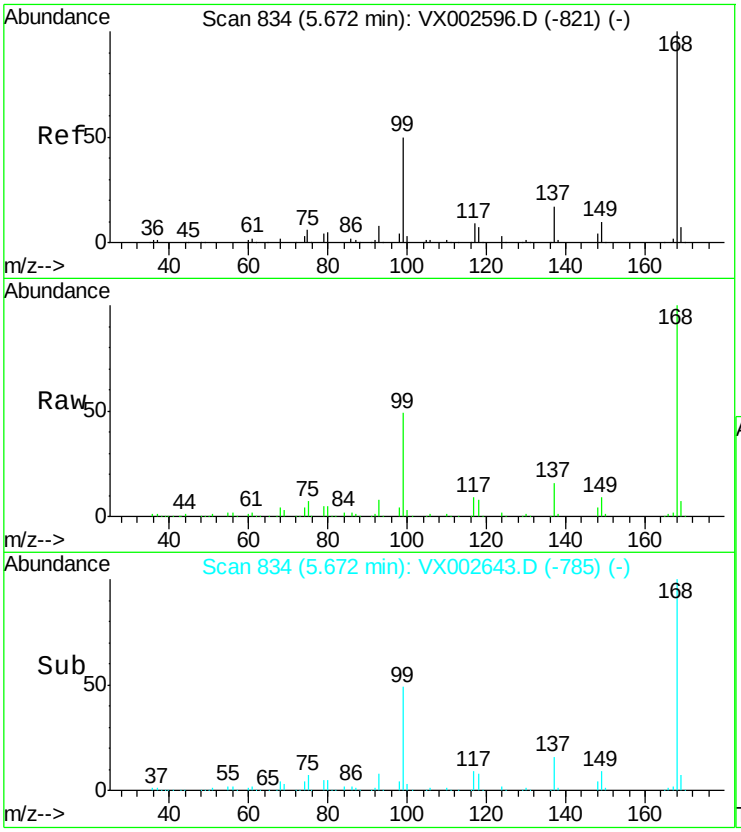
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061518\
Data File : VX002643.D
Acq On : 16 Jun 2018 12:56
Operator : JC/MD
Sample : J3477-08
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 54 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jun 18 06:11:18 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:37:33 2018
Response via : Initial Calibration



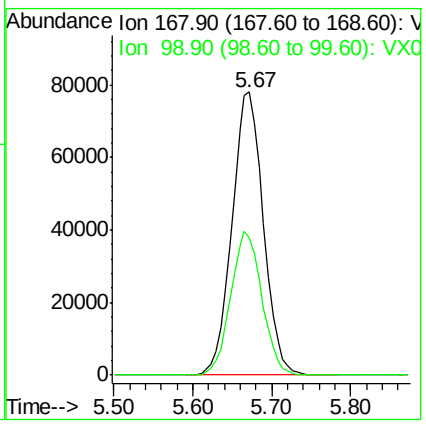


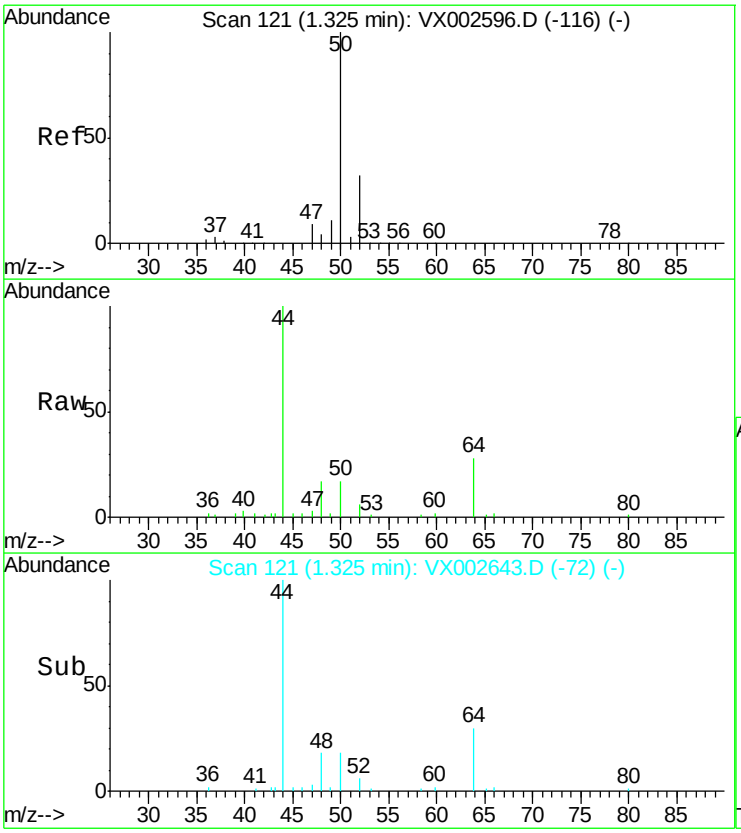
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.00 min
Lab File: VX002643.D
Acq: 16 Jun 2018 12:56

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 215235

Ion	Ratio	Lower	Upper
168	100		
99	48.7	39.3	58.9

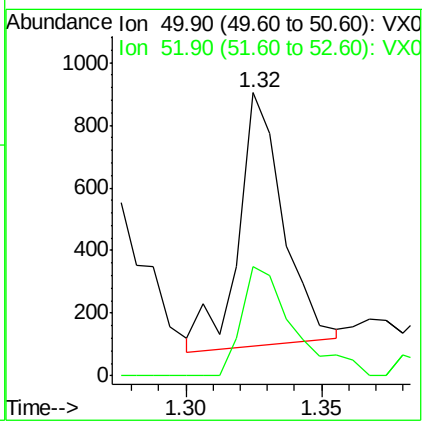


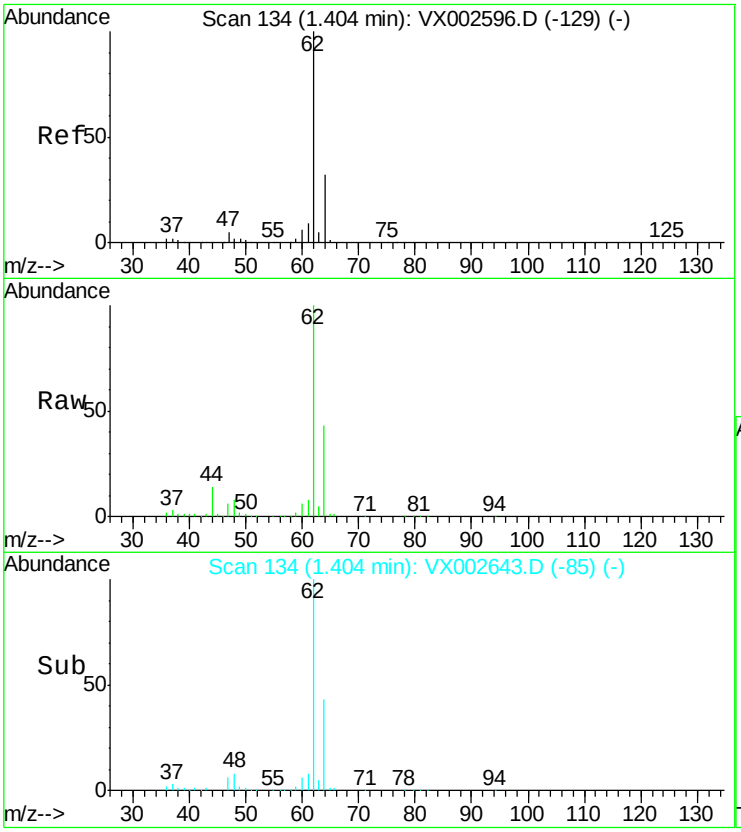


#3
Chloromethane
Concen: 0.34 ug/l
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX002643.D
Acq: 16 Jun 2018 12:56

Tgt Ion: 50 Resp: 918

Ion	Ratio	Lower	Upper
50	100		
52	44.7	25.7	38.5#



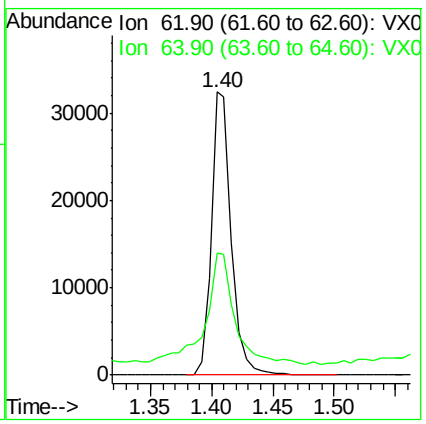


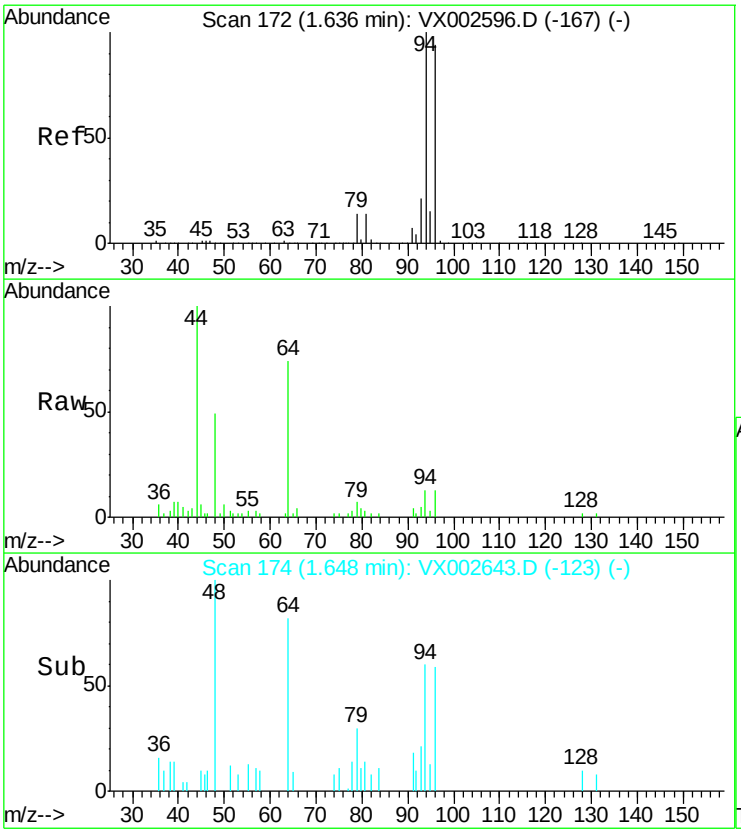
#4
Vinyl Chloride
Concen: 13.10 ug/l
RT: 1.40 min Scan# 134
Delta R.T. 0.00 min
Lab File: VX002643.D
Acq: 16 Jun 2018 12:56

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 62 Resp: 36958

Ion	Ratio	Lower	Upper
62	100		
64	39.1	25.4	38.2#

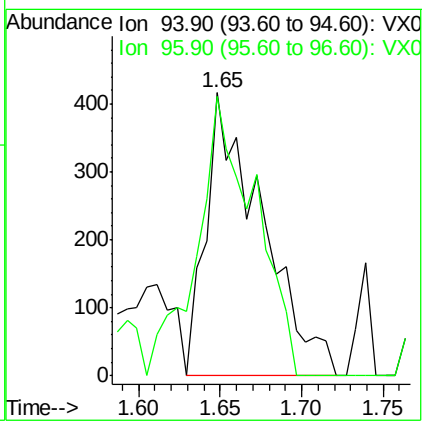


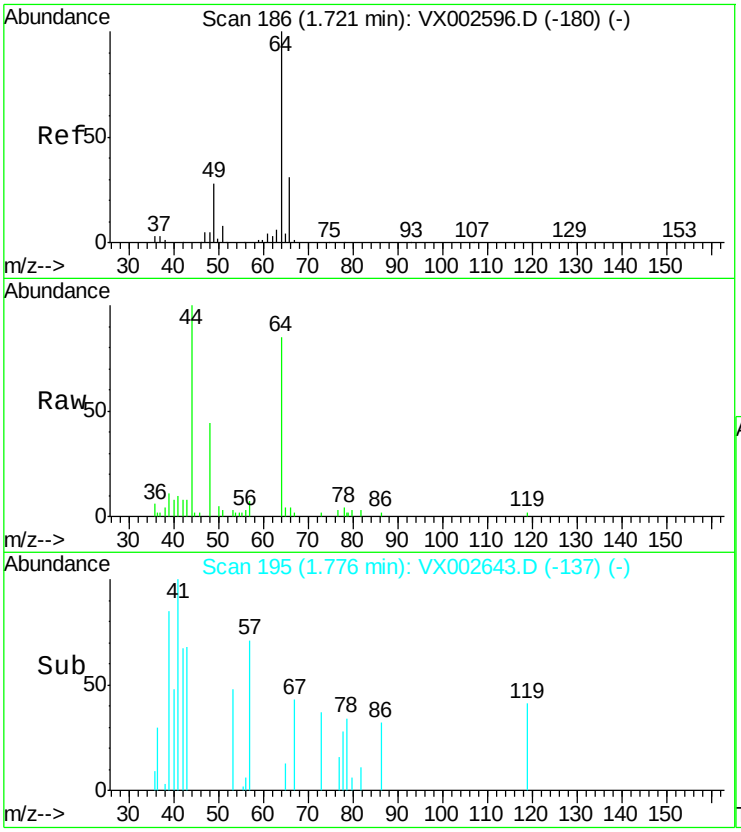


#5
Bromomethane
Concen: 0.59 ug/l
RT: 1.65 min Scan# 174
Delta R.T. 0.01 min
Lab File: VX002643.D
Acq: 16 Jun 2018 12:56

Tgt Ion: 94 Resp: 996

Ion	Ratio	Lower	Upper
94	100		
96	98.8	74.9	112.3



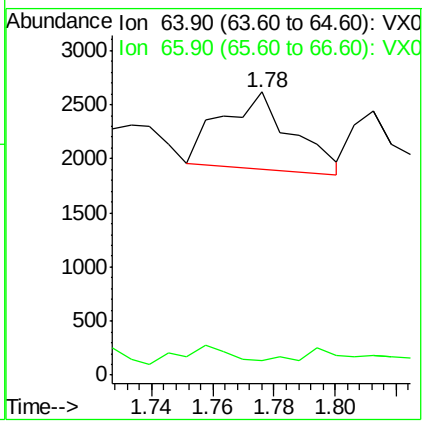


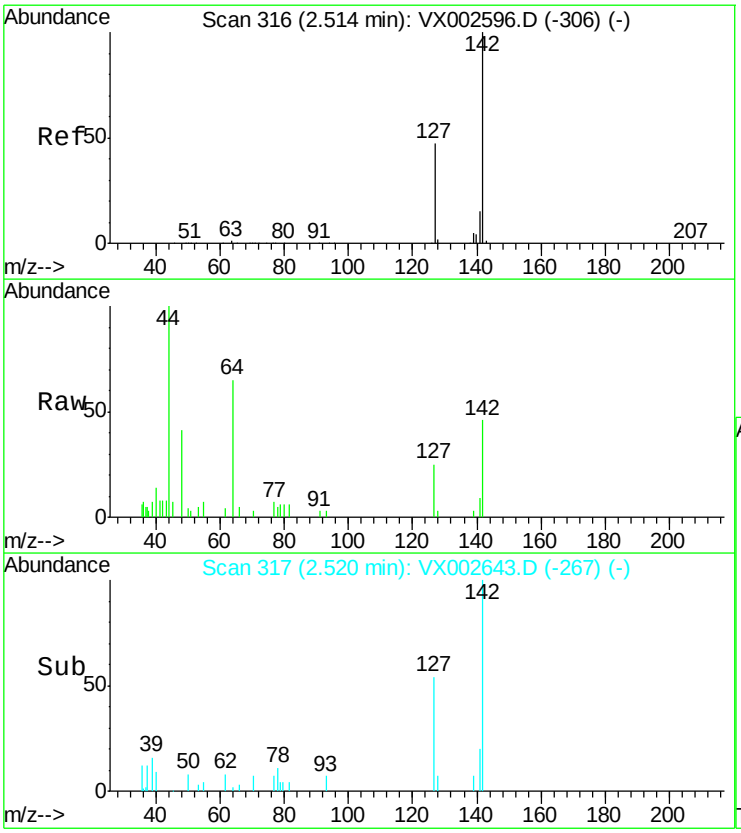
#6
Chloroethane
Concen: 0.60 ug/l
RT: 1.78 min Scan# 195
Delta R.T. 0.05 min
Lab File: VX002643.D
Acq: 16 Jun 2018 12:56

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 64 Resp: 1120

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.5	38.3#

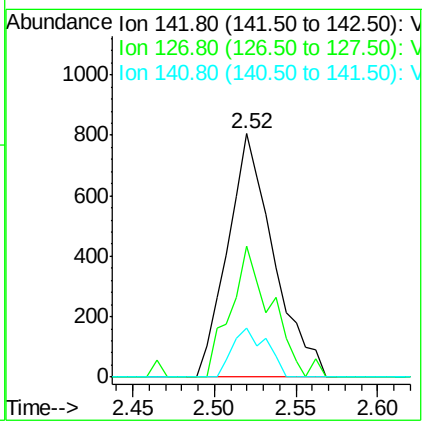


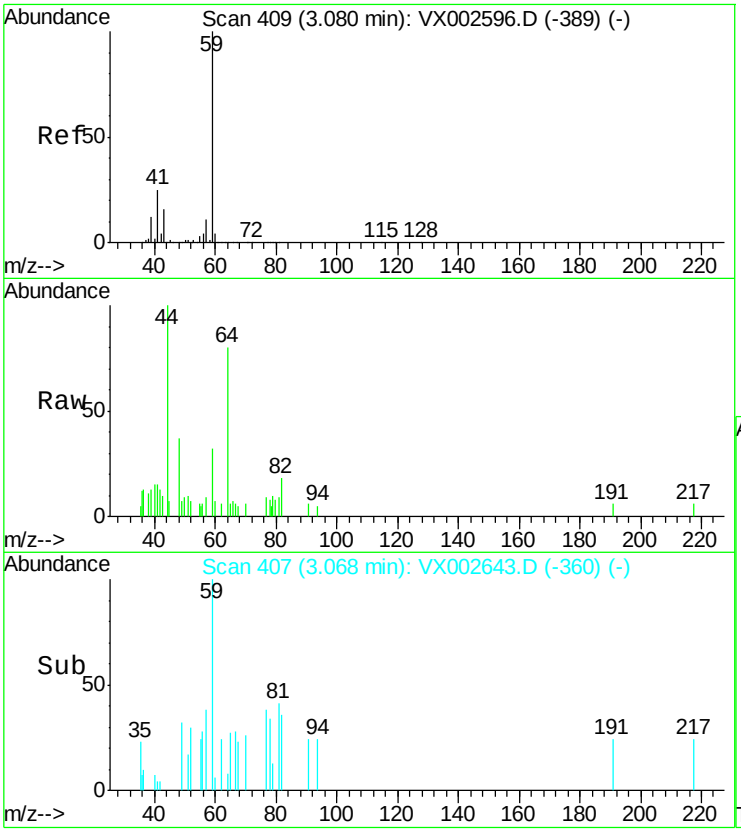


#10
Methyl Iodide
Concen: 5.59 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX002643.D
Acq: 16 Jun 2018 12:56

Tgt Ion:142 Resp: 1581

Ion	Ratio	Lower	Upper
142	100		
127	46.3	36.6	55.0
141	15.1	11.3	16.9



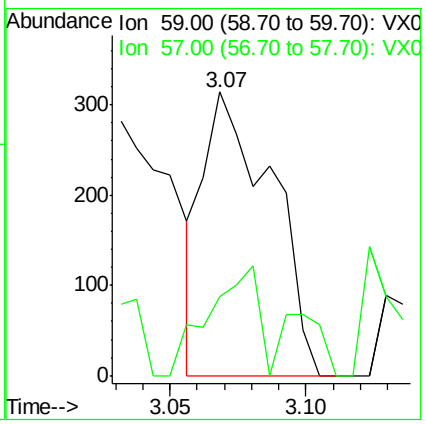


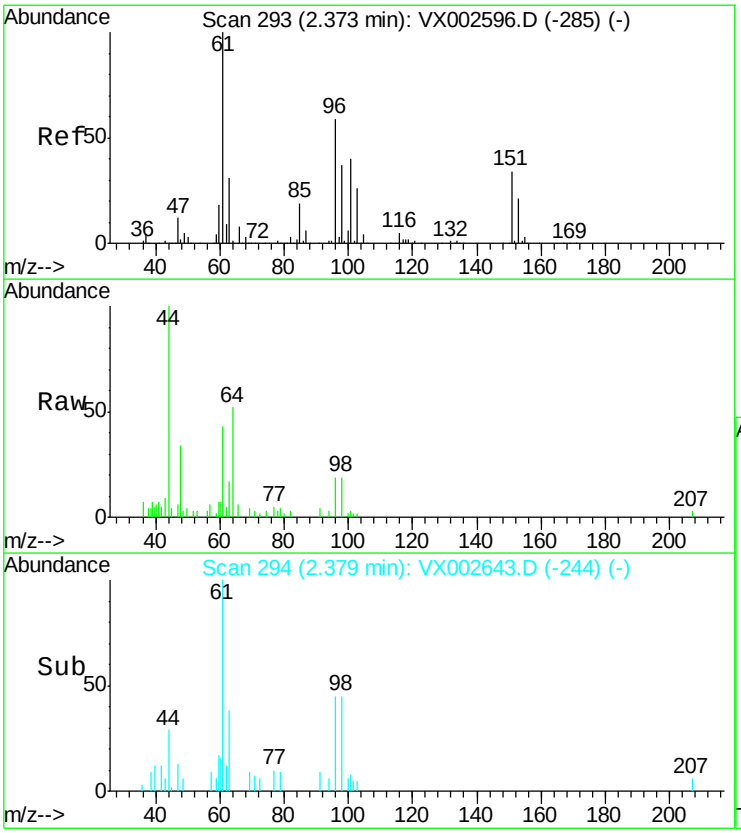
#11
Tert butyl alcohol
Concen: 0.81 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.01 min
Lab File: VX002643.D
Acq: 16 Jun 2018 12:56

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 59 Resp: 548

Ion	Ratio	Lower	Upper
59	100		
57	27.9	8.2	12.2#

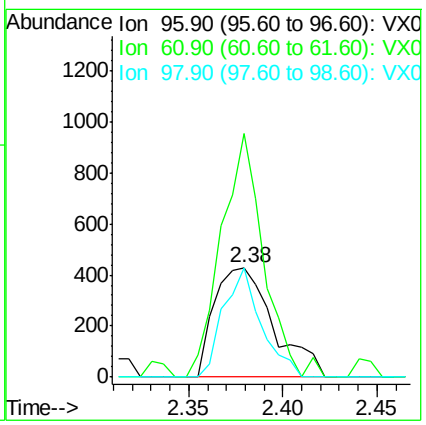


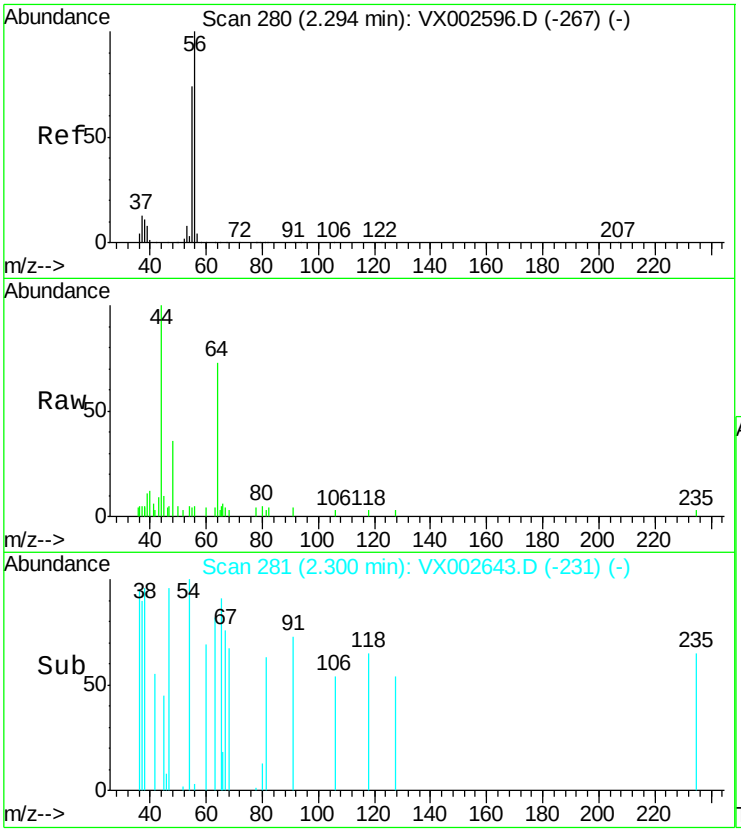


#12
1,1-Dichloroethene
Concen: 0.39 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.01 min
Lab File: VX002643.D
Acq: 16 Jun 2018 12:56

Tgt Ion: 96 Resp: 932

Ion	Ratio	Lower	Upper
96	100		
61	222.9	137.9	206.9#
98	100.0	51.6	77.4#



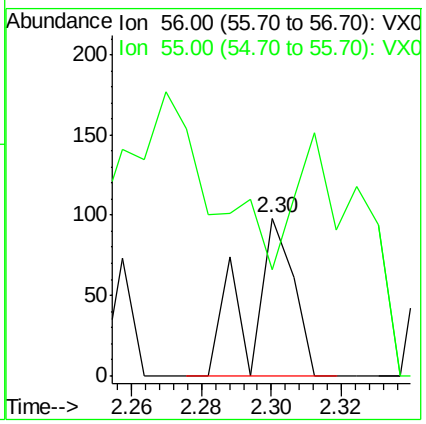


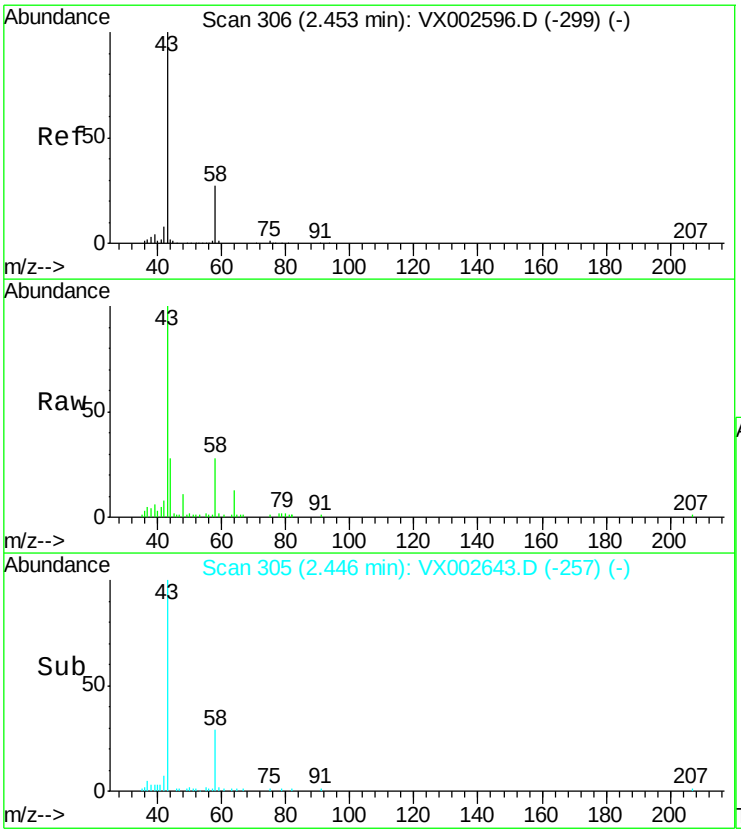
#13
Acrolein
Concen: 7.12 ug/l
RT: 2.30 min Scan# 281
Delta R.T. 0.01 min
Lab File: VX002643.D
Acq: 16 Jun 2018 12:56

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 85

Ion	Ratio	Lower	Upper
56	100		
55	243.5	57.0	85.4#

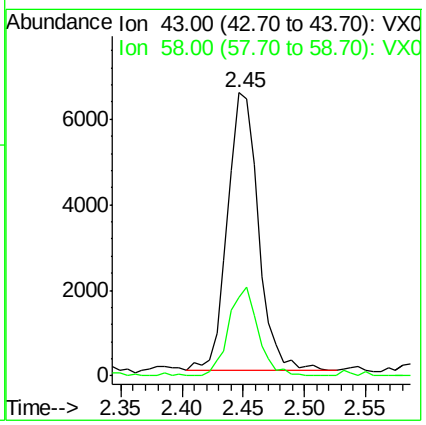


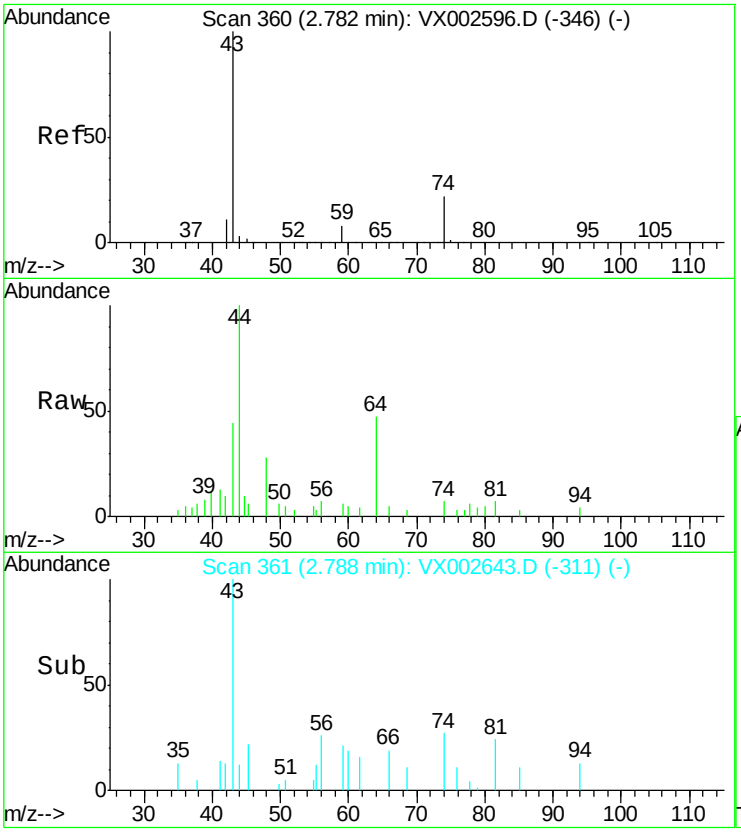


#16
Acetone
Concen: 7.83 ug/l
RT: 2.45 min Scan# 305
Delta R.T. -0.01 min
Lab File: VX002643.D
Acq: 16 Jun 2018 12:56

Tgt Ion: 43 Resp: 11296

Ion	Ratio	Lower	Upper
43	100		
58	28.4	22.1	33.1



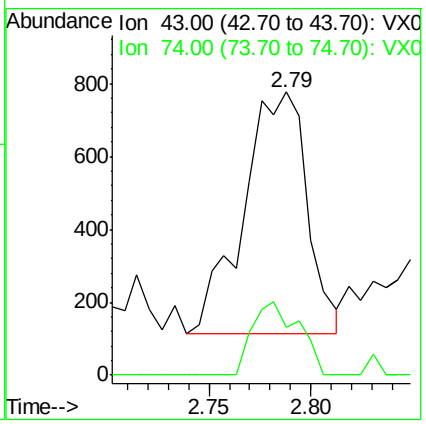


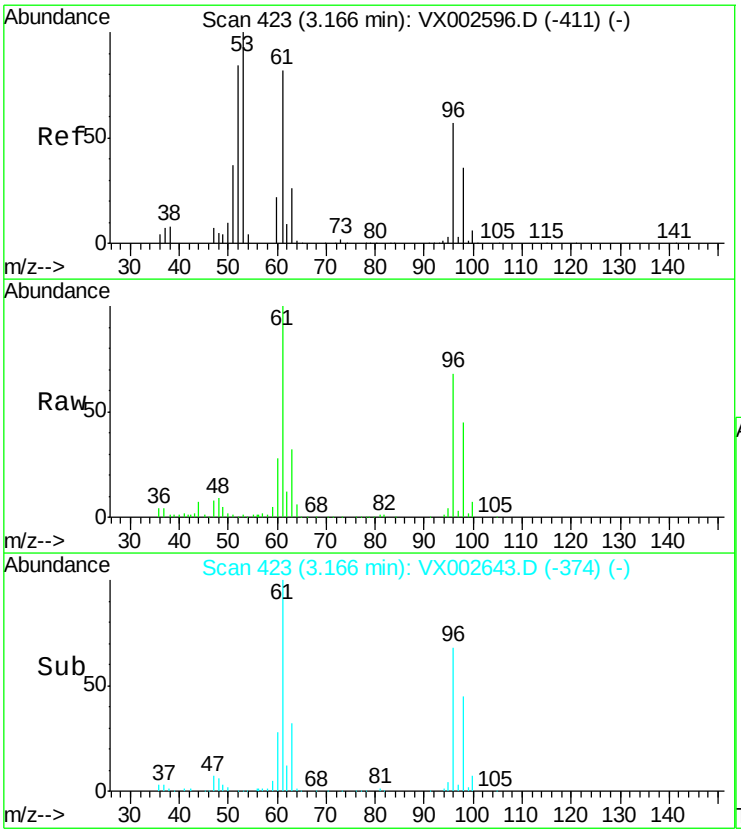
#18
Methyl Acetate
Concen: 0.38 ug/l
RT: 2.79 min Scan# 361
Delta R.T. 0.01 min
Lab File: VX002643.D
Acq: 16 Jun 2018 12:56

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 1444

Ion	Ratio	Lower	Upper
43	100		
74	22.2	16.7	25.1

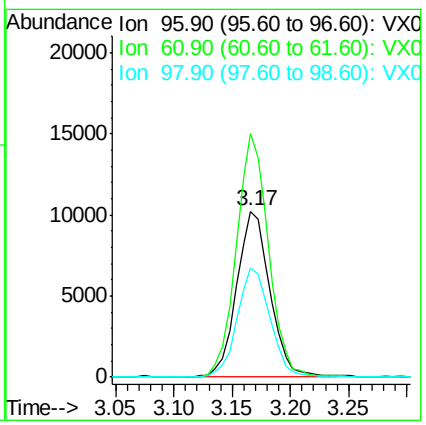


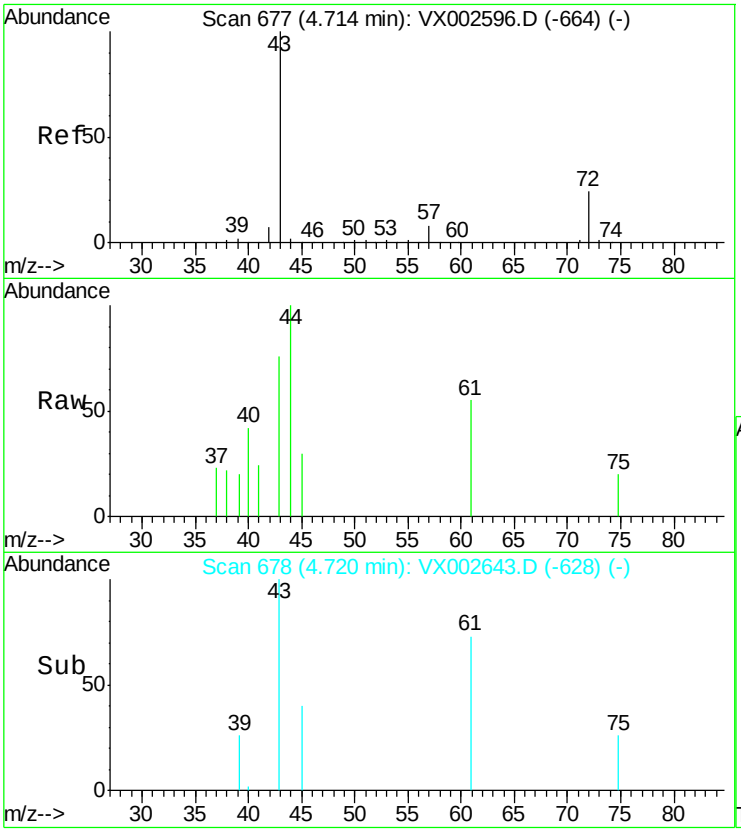


#21
trans-1,2-Dichloroethene
Concen: 7.82 ug/l
RT: 3.17 min Scan# 423
Delta R.T. 0.00 min
Lab File: VX002643.D
Acq: 16 Jun 2018 12:56

Tgt Ion: 96 Resp: 20398

Ion	Ratio	Lower	Upper
96	100		
61	146.9	117.0	175.4
98	65.8	52.4	78.6



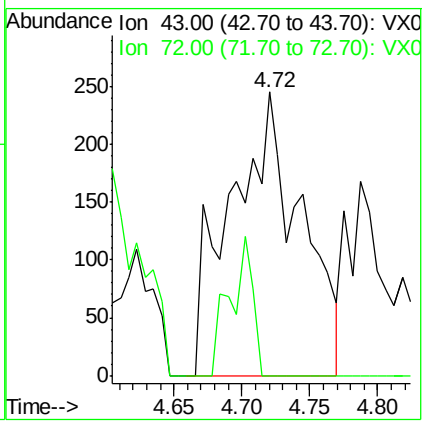


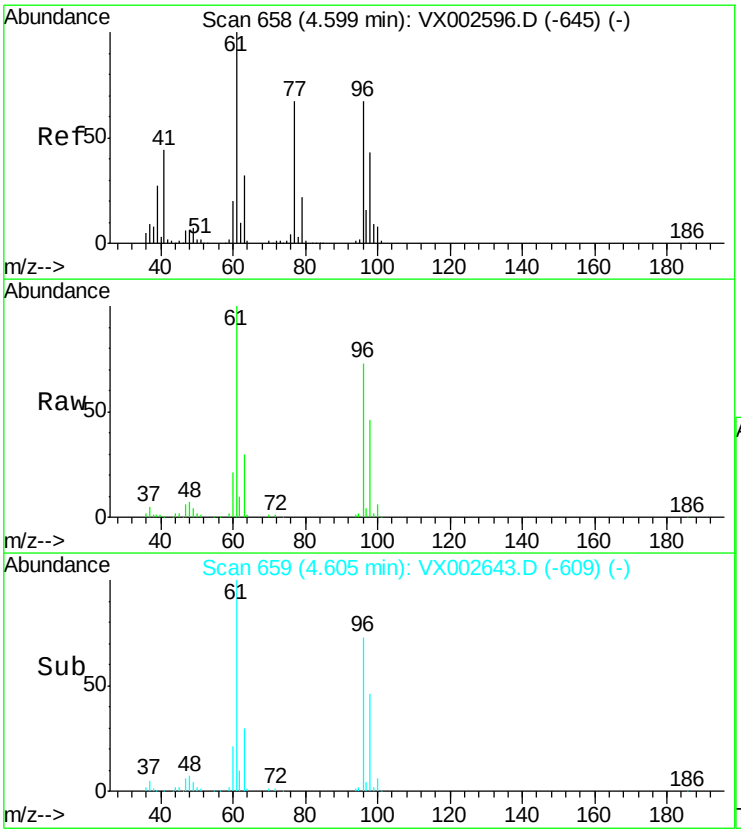
#25
2-Butanone
Concen: 0.47 ug/l
RT: 4.72 min Scan# 678
Delta R.T. 0.01 min
Lab File: VX002643.D
Acq: 16 Jun 2018 12:56

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 882

Ion	Ratio	Lower	Upper
43	100		
72	0.0	18.5	27.7#

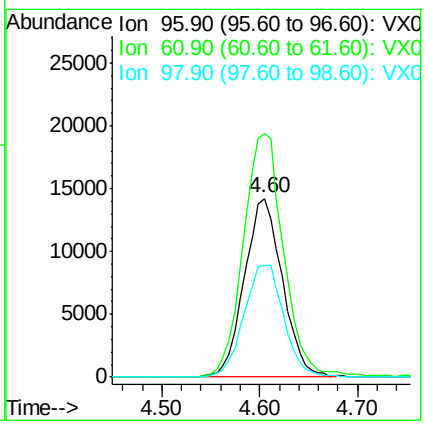


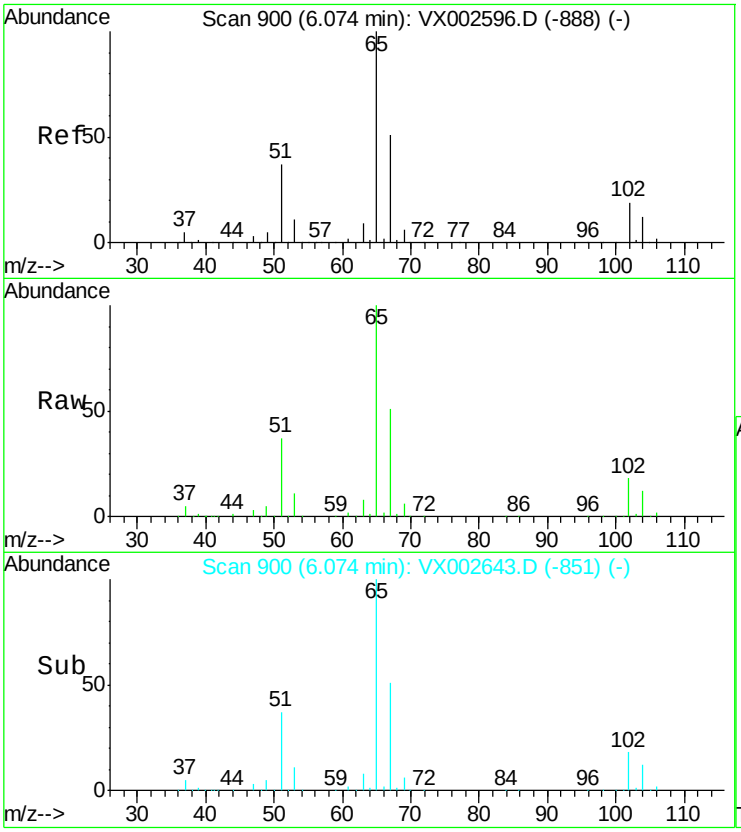


#27
cis-1,2-Dichloroethene
Concen: 14.51 ug/l
RT: 4.60 min Scan# 659
Delta R.T. 0.01 min
Lab File: VX002643.D
Acq: 16 Jun 2018 12:56

Tgt Ion: 96 Resp: 38531

Ion	Ratio	Lower	Upper
96	100		
61	144.7	0.0	330.2
98	65.7	0.0	130.2



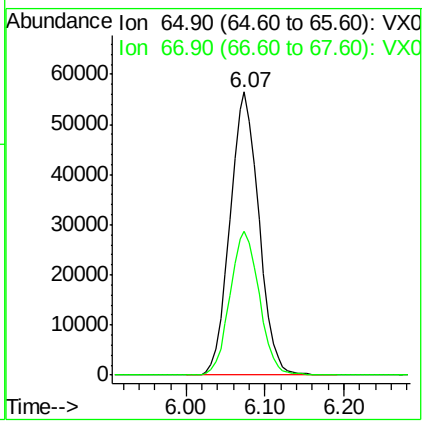


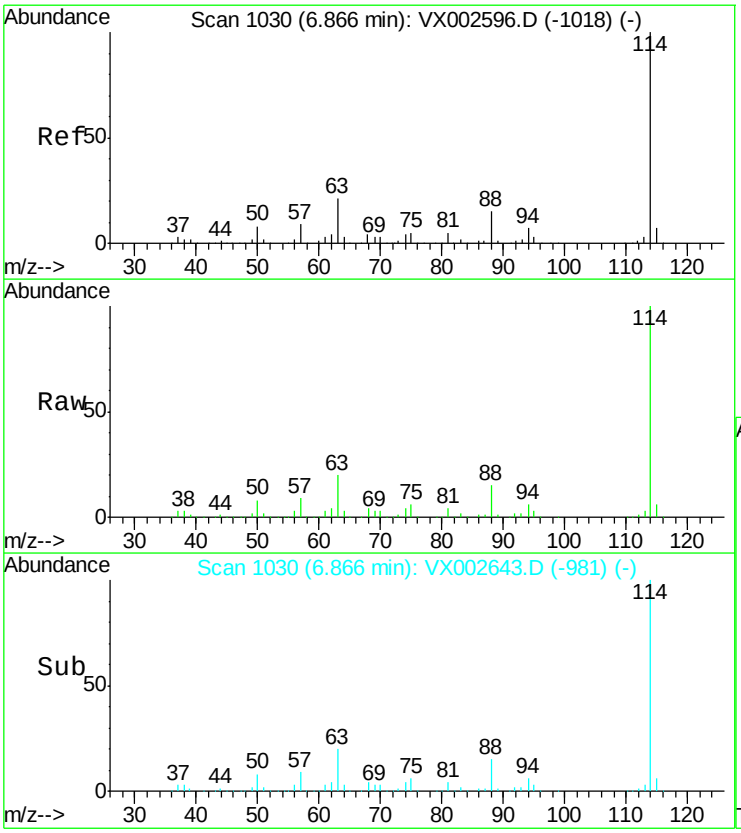
#33
1,2-Dichloroethane-d4
Concen: 44.01 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.00 min
Lab File: VX002643.D
Acq: 16 Jun 2018 12:56

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 65 Resp: 143942

Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	102.6

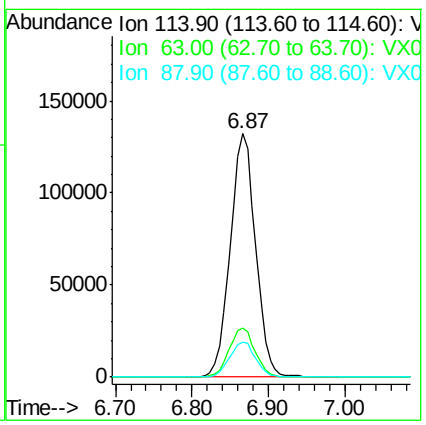


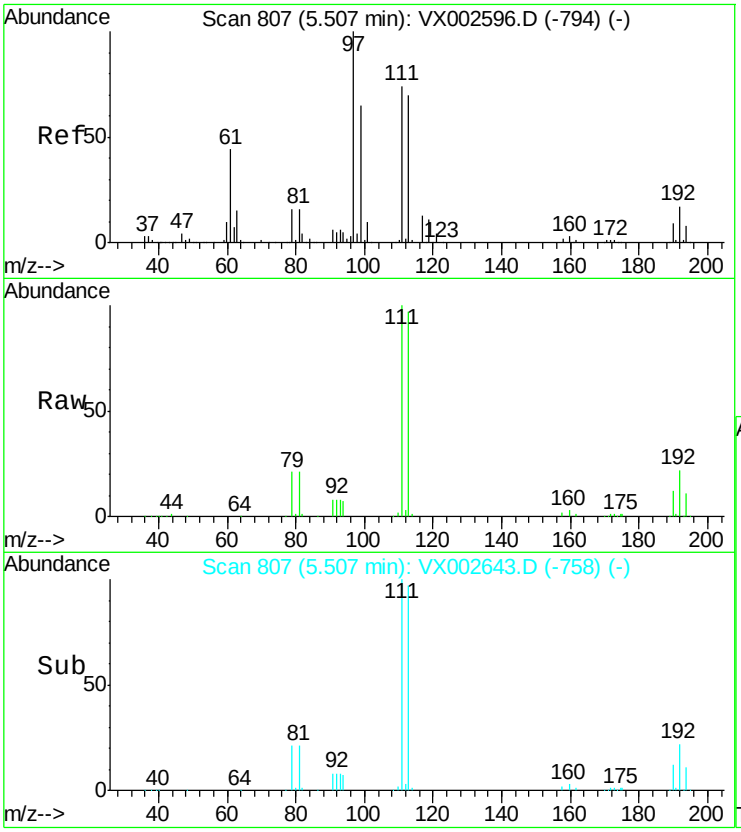


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VX002643.D
Acq: 16 Jun 2018 12:56

Tgt Ion:114 Resp: 302391

Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	41.4
88	14.6	0.0	30.0



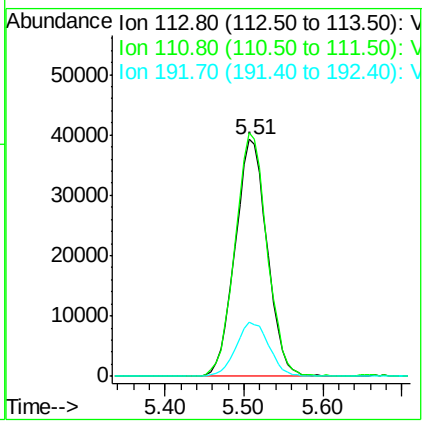


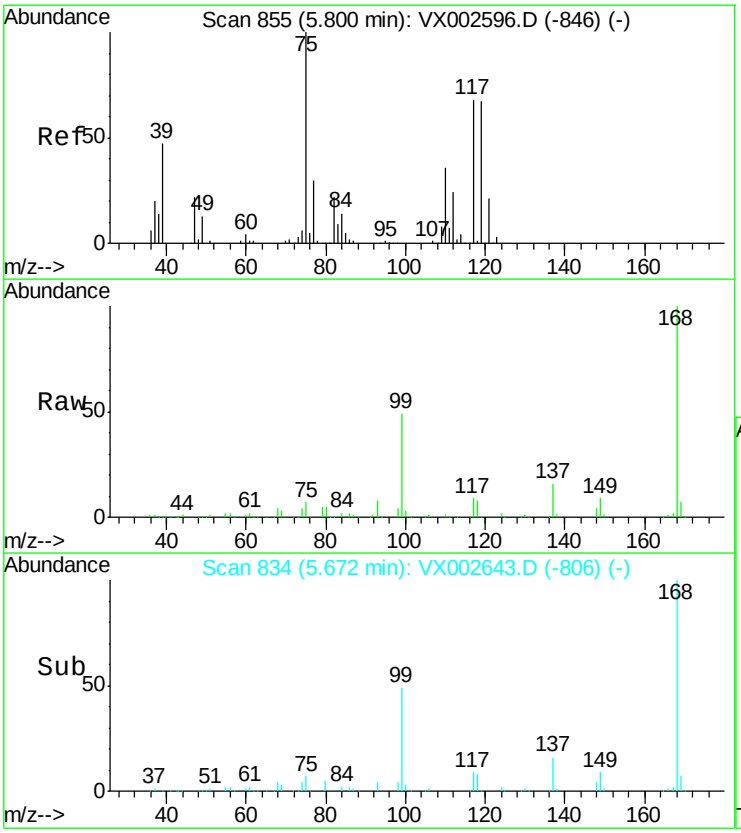
#35
Dibromofluoromethane
Concen: 45.82 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.00 min
Lab File: VX002643.D
Acq: 16 Jun 2018 12:56

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:113 Resp: 110589

Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.4	122.0
192	23.5	19.1	28.7

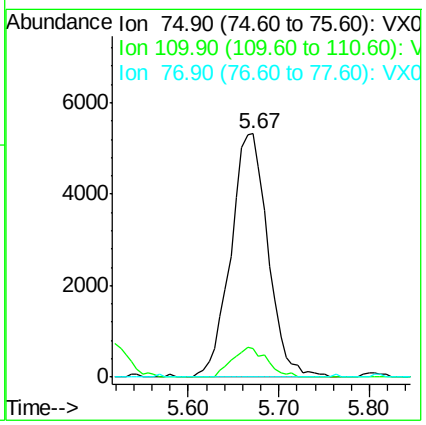


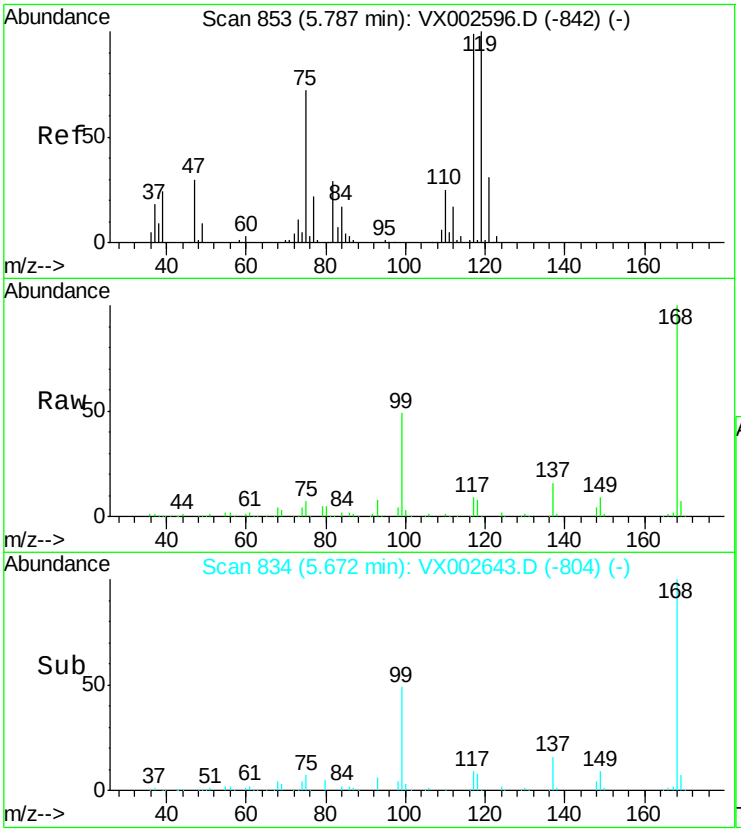


#36
1,1-Dichloropropene
Concen: 4.71 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.13 min
Lab File: VX002643.D
Acq: 16 Jun 2018 12:56

Tgt Ion: 75 Resp: 15112

Ion	Ratio	Lower	Upper
75	100		
110	11.3	18.1	54.4#
77	0.0	24.3	36.5#



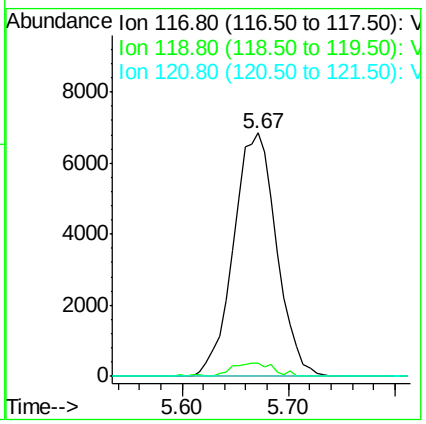


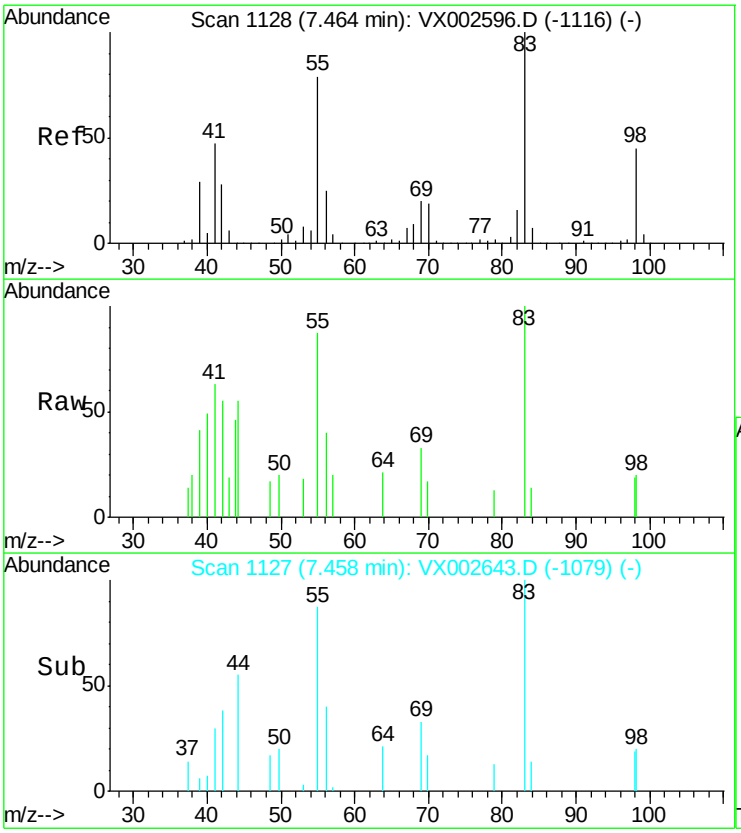
#38
Carbon Tetrachloride
Concen: 6.05 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.12 min
Lab File: VX002643.D
Acq: 16 Jun 2018 12:56

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 19339

Ion	Ratio	Lower	Upper
117	100		
119	5.7	77.4	116.0#
121	0.0	24.4	36.6#

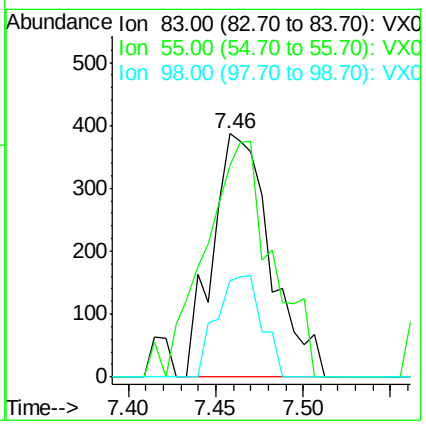


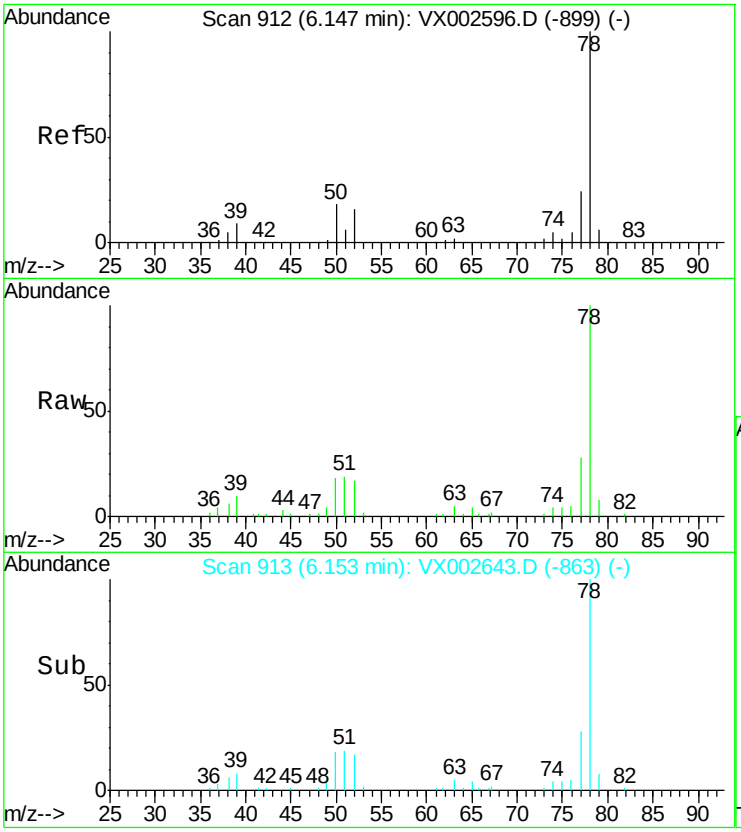


#39
Methylcyclohexane
Concen: 0.24 ug/l
RT: 7.46 min Scan# 1127
Delta R.T. -0.01 min
Lab File: VX002643.D
Acq: 16 Jun 2018 12:56

Tgt Ion: 83 Resp: 888

Ion	Ratio	Lower	Upper
83	100		
55	87.1	65.4	98.0
98	39.5	37.4	56.0



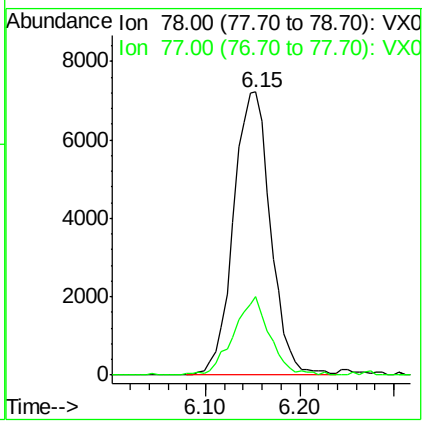


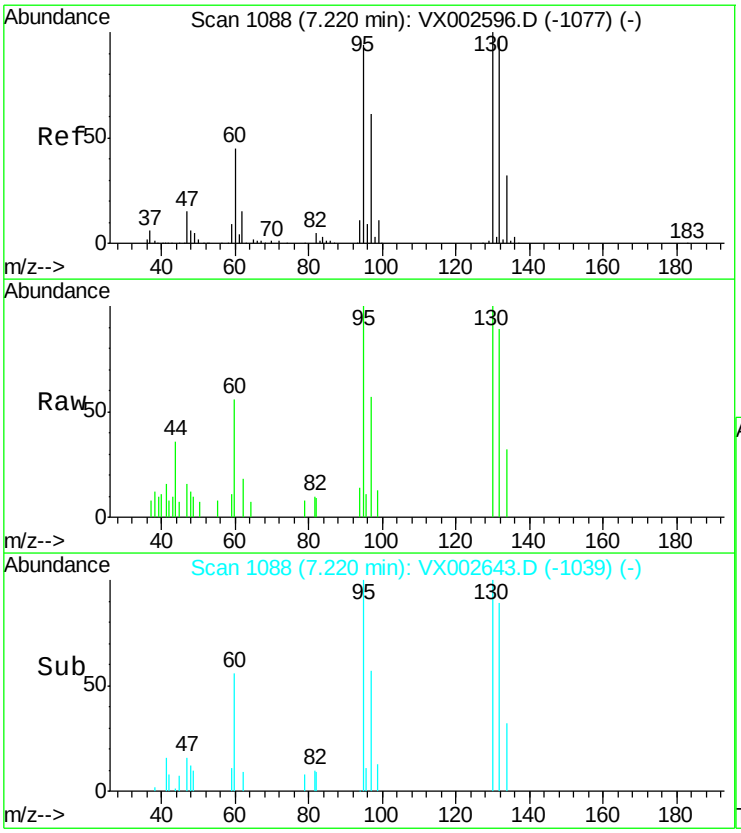
#40
Benzene
Concen: 2.05 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.01 min
Lab File: VX002643.D
Acq: 16 Jun 2018 12:56

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 78 Resp: 19737

Ion	Ratio	Lower	Upper
78	100		
77	27.7	19.1	28.7

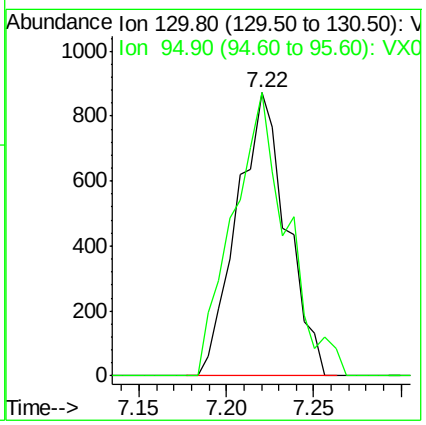


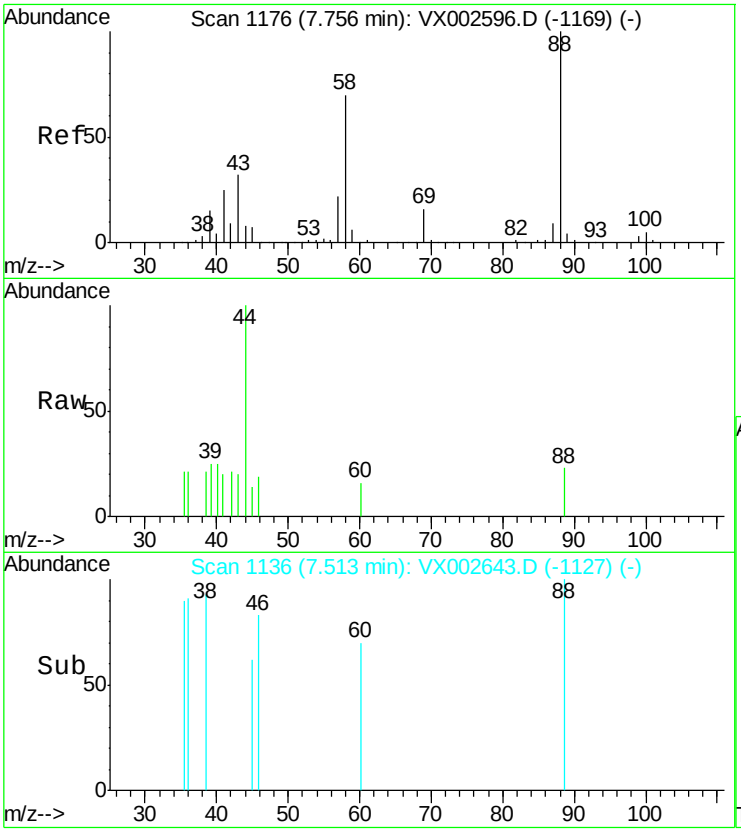


#44
Trichloroethene
Concen: 0.62 ug/l
RT: 7.22 min Scan# 1088
Delta R.T. 0.00 min
Lab File: VX002643.D
Acq: 16 Jun 2018 12:56

Tgt Ion:130 Resp: 1723

Ion	Ratio	Lower	Upper
130	100		
95	100.1	0.0	185.4



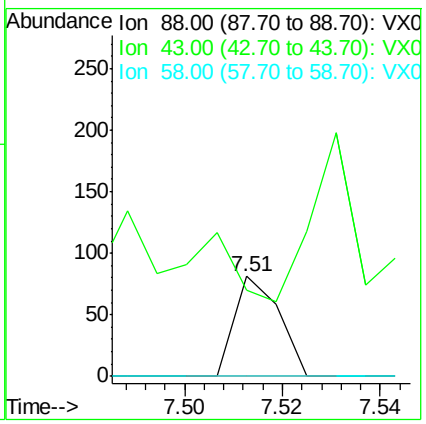


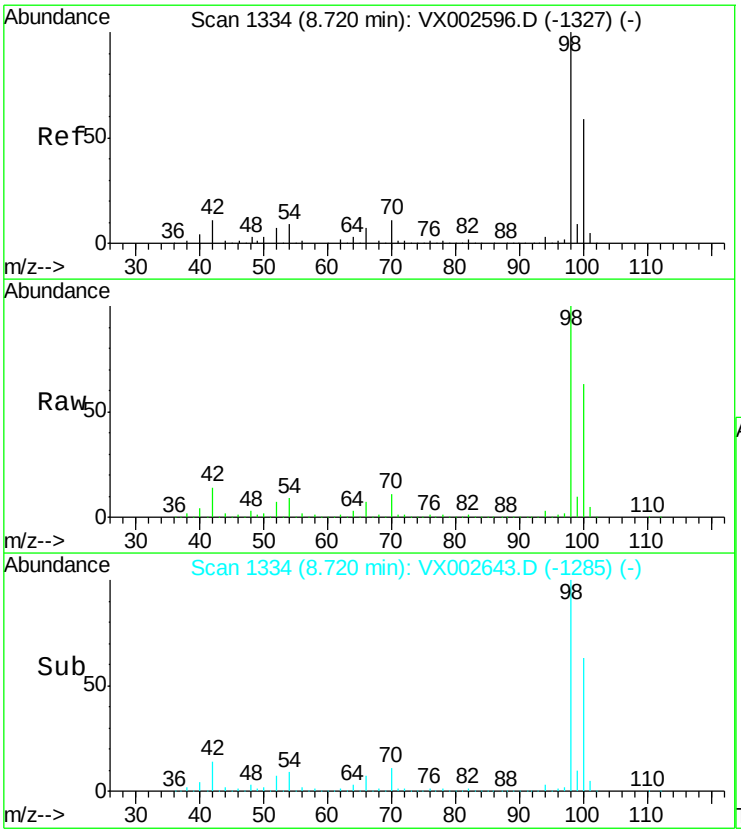
#49
1,4-Dioxane
Concen: 0.88 ug/l
RT: 7.51 min Scan# 1136
Delta R.T. -0.24 min
Lab File: VX002643.D
Acq: 16 Jun 2018 12:56

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 88 Resp: 51

Ion	Ratio	Lower	Upper
88	100		
43	396.1	29.8	44.6#
58	0.0	57.1	85.7#

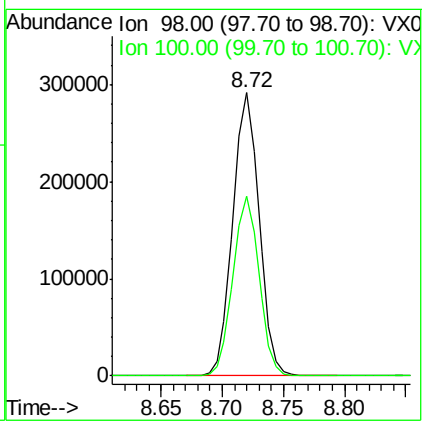


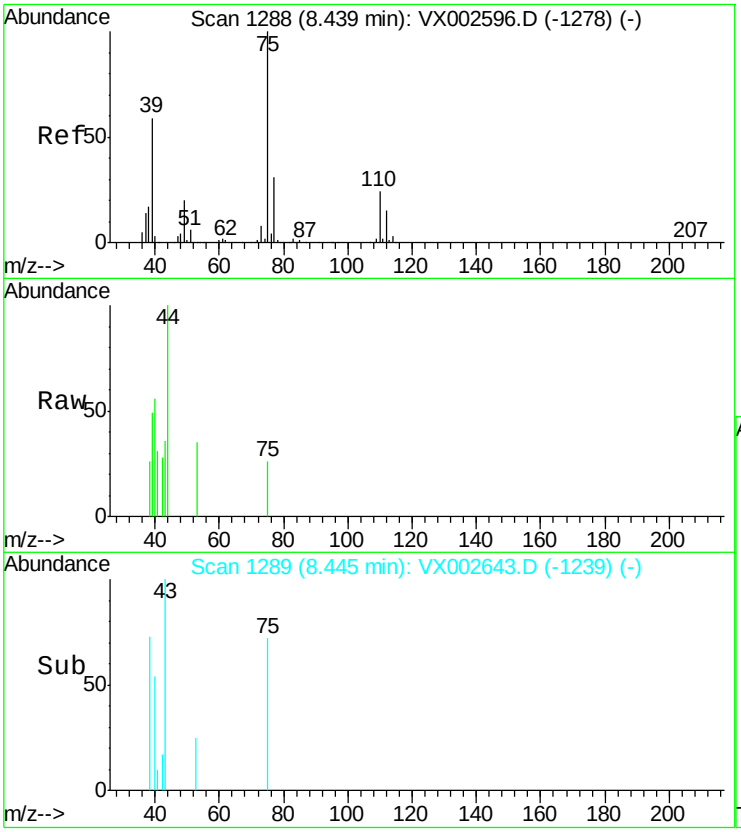


#50
Toluene-d8
Concen: 47.36 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002643.D
Acq: 16 Jun 2018 12:56

Tgt Ion: 98 Resp: 433942

Ion	Ratio	Lower	Upper
98	100		
100	63.3	50.9	76.3



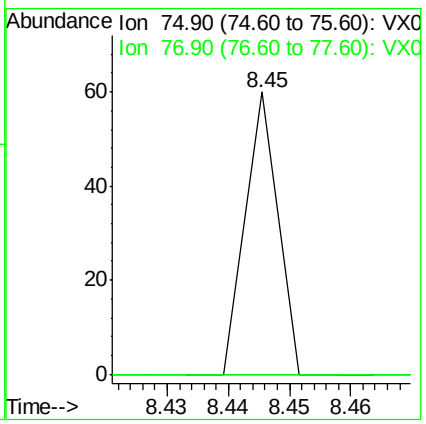


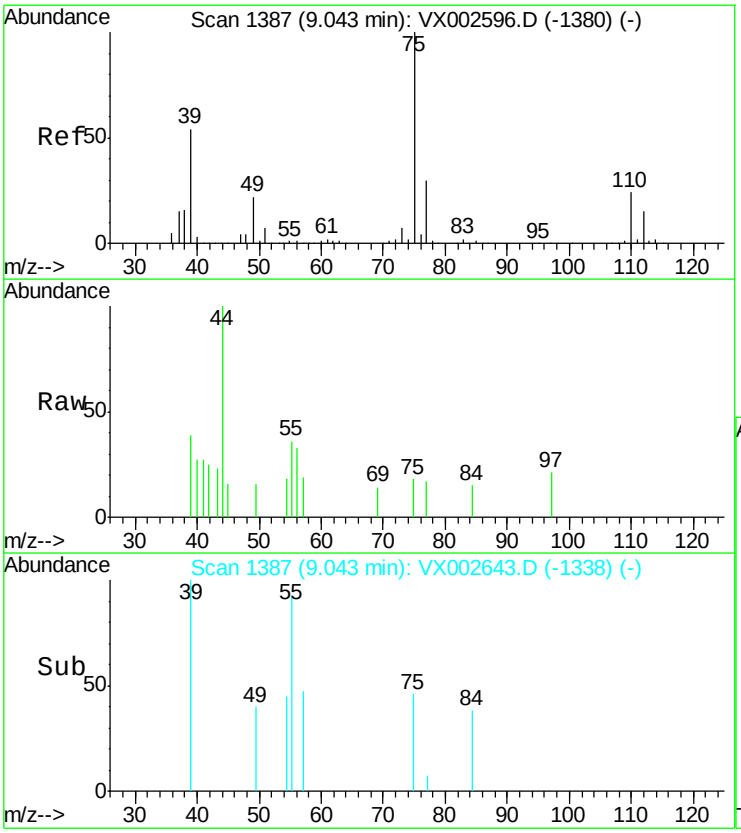
#53
t-1,3-Dichloropropene
Concen: 2.40 ug/l
RT: 8.45 min Scan# 1289
Delta R.T. 0.01 min
Lab File: VX002643.D
Acq: 16 Jun 2018 12:56

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 22

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.4	38.2#

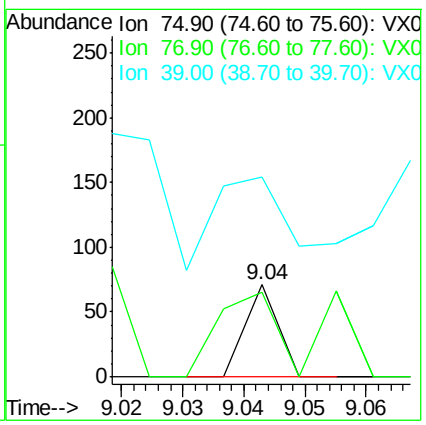


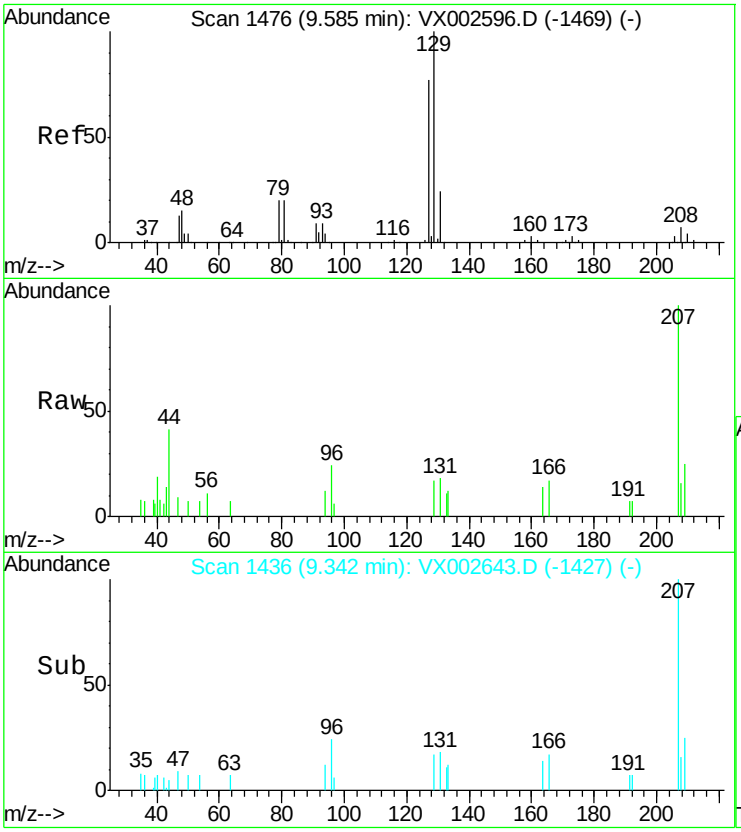


#54
cis-1,3-Dichloropropene
Concen: 3.22 ug/l
RT: 9.04 min Scan# 1387
Delta R.T. 0.00 min
Lab File: VX002643.D
Acq: 16 Jun 2018 12:56

Tgt Ion: 75 Resp: 26

Ion	Ratio	Lower	Upper
75	100		
77	91.5	24.8	37.2#
39	101.4	42.4	63.6#



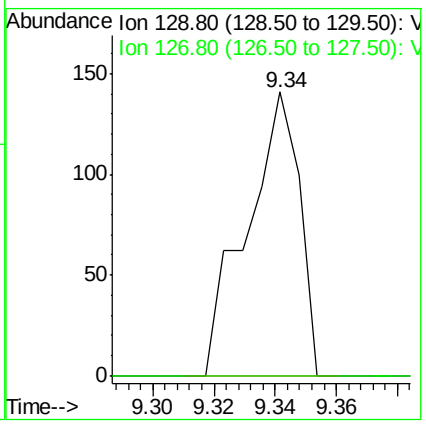


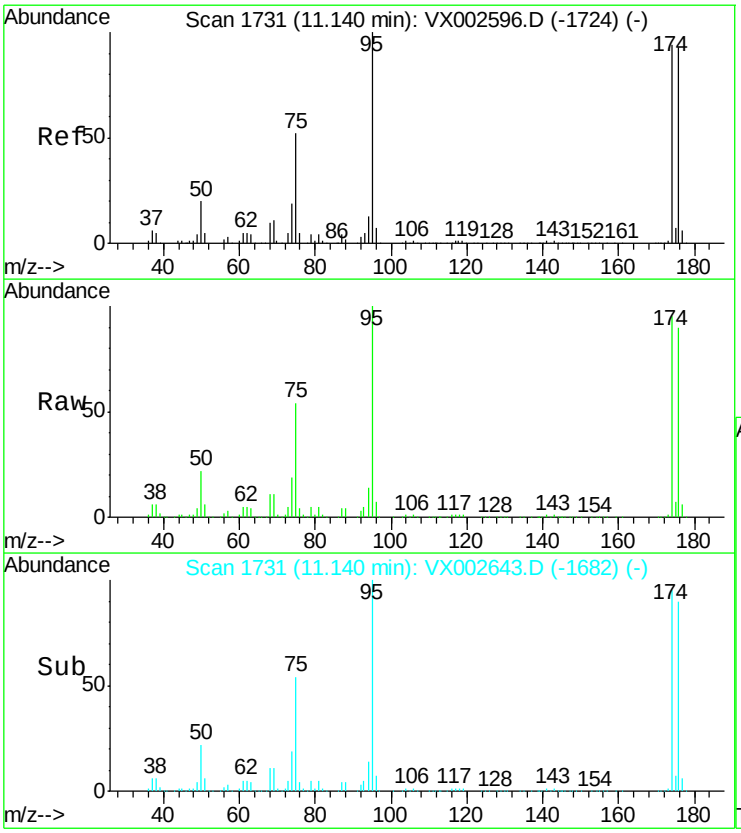
#60
Dibromochloromethane
Concen: 3.82 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.24 min
Lab File: VX002643.D
Acq: 16 Jun 2018 12:56

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:129 Resp: 168

Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.5	115.3#

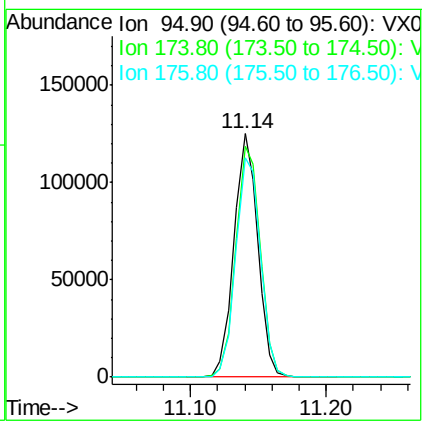


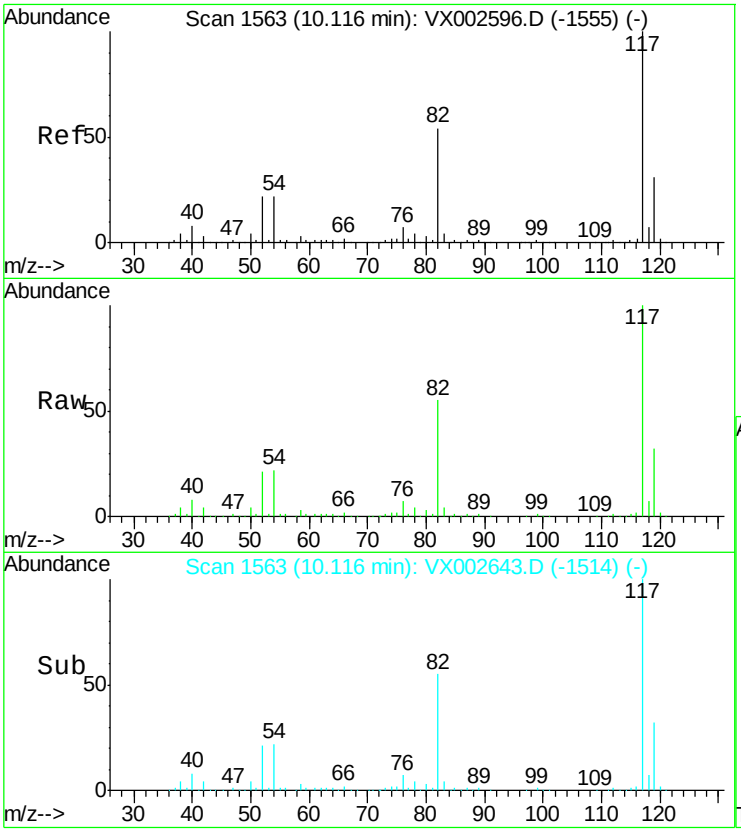


#62
4-Bromofluorobenzene
Concen: 43.83 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002643.D
Acq: 16 Jun 2018 12:56

Tgt Ion: 95 Resp: 152208

Ion	Ratio	Lower	Upper
95	100		
174	97.8	0.0	187.4
176	93.9	0.0	181.0



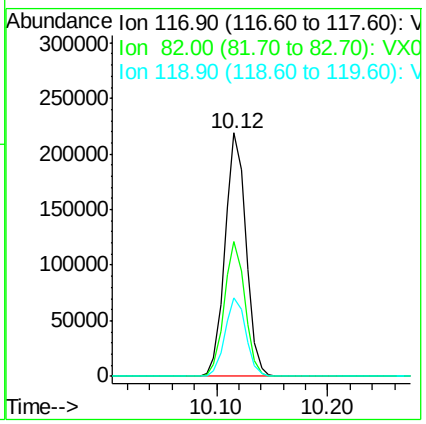


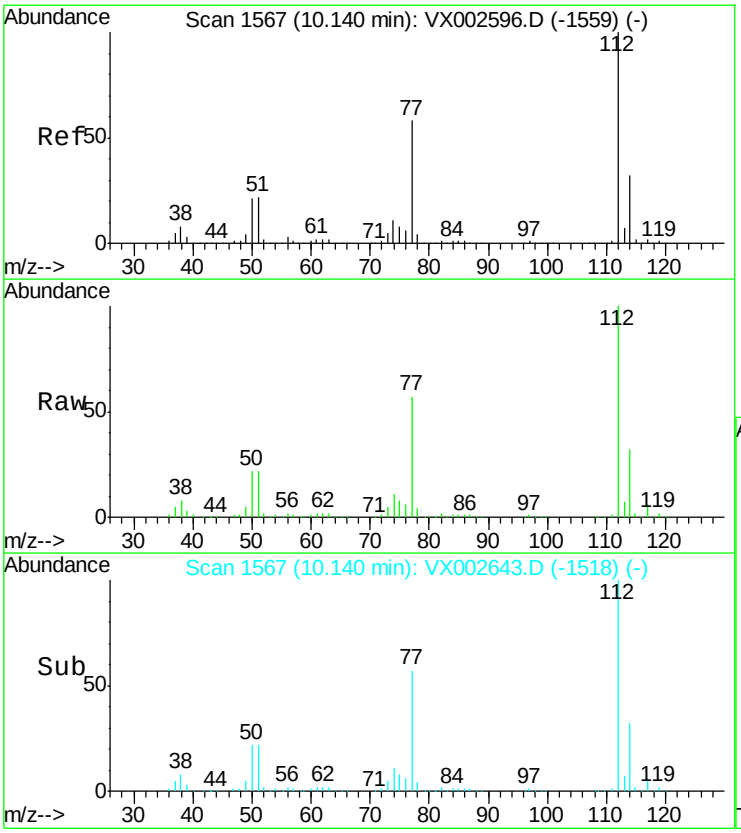
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002643.D
Acq: 16 Jun 2018 12:56

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 285171

Ion	Ratio	Lower	Upper
117	100		
82	55.2	45.0	67.4
119	32.4	25.8	38.6

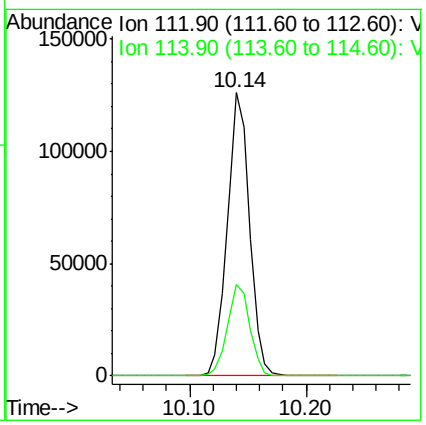


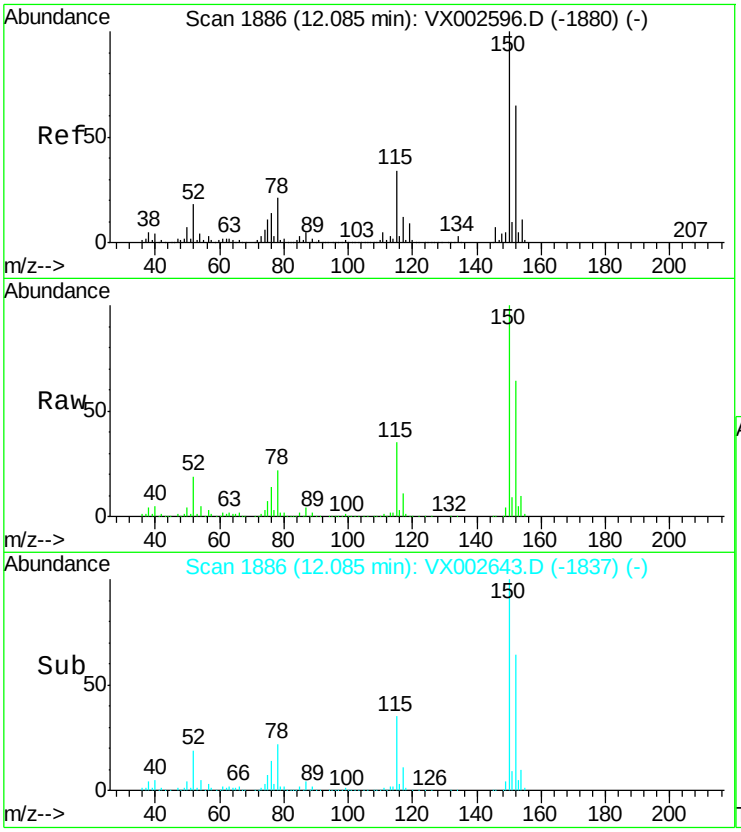


#65
Chlorobenzene
Concen: 23.87 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX002643.D
Acq: 16 Jun 2018 12:56

Tgt Ion:112 Resp: 167184

Ion	Ratio	Lower	Upper
112	100		
114	32.1	25.3	37.9



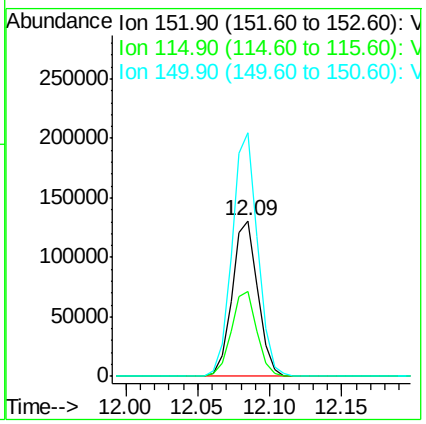


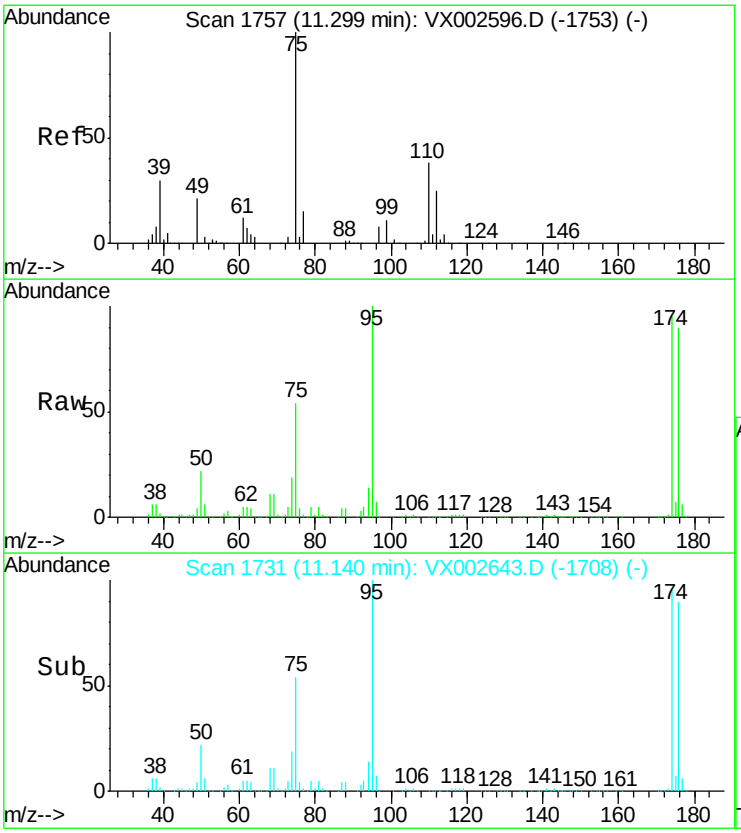
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX002643.D
Acq: 16 Jun 2018 12:56

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion:152 Resp: 163166

Ion	Ratio	Lower	Upper
152	100		
115	54.4	40.1	120.2
150	156.2	0.0	347.2

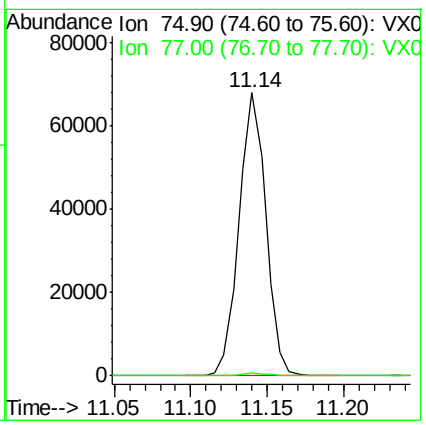


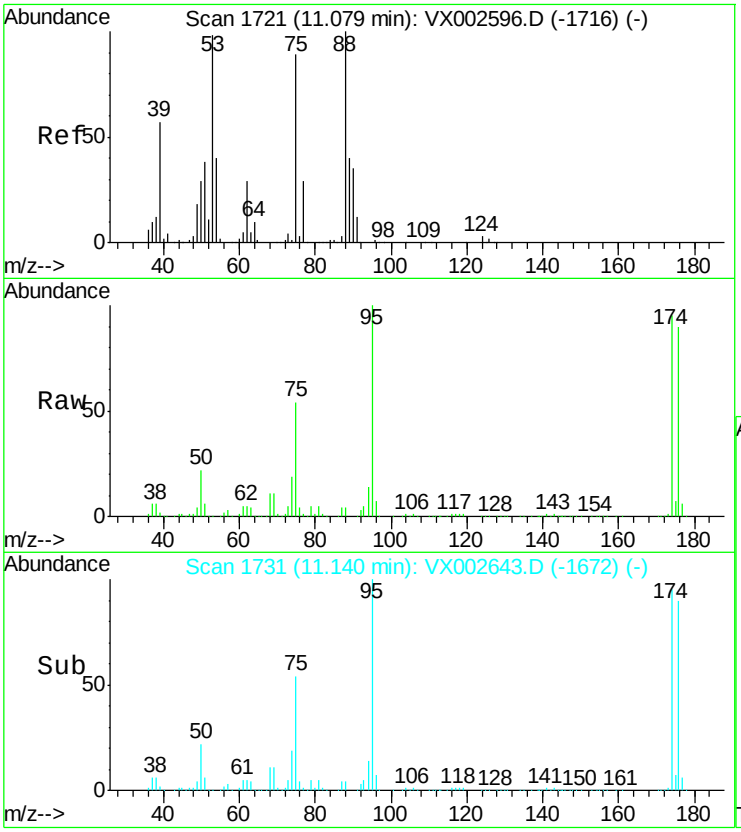


#76
1,2,3-Trichloropropane
Concen: 26.90 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX002643.D
Acq: 16 Jun 2018 12:56

Tgt Ion: 75 Resp: 82827

Ion	Ratio	Lower	Upper
75	100		
77	1.2	22.8	68.3#



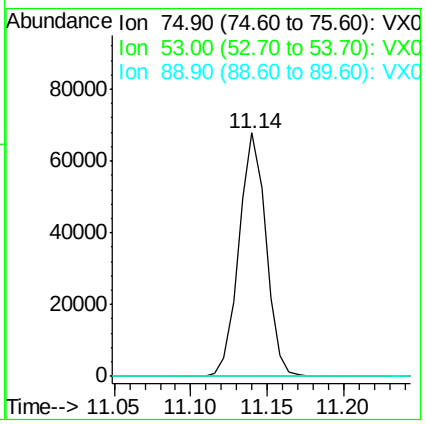


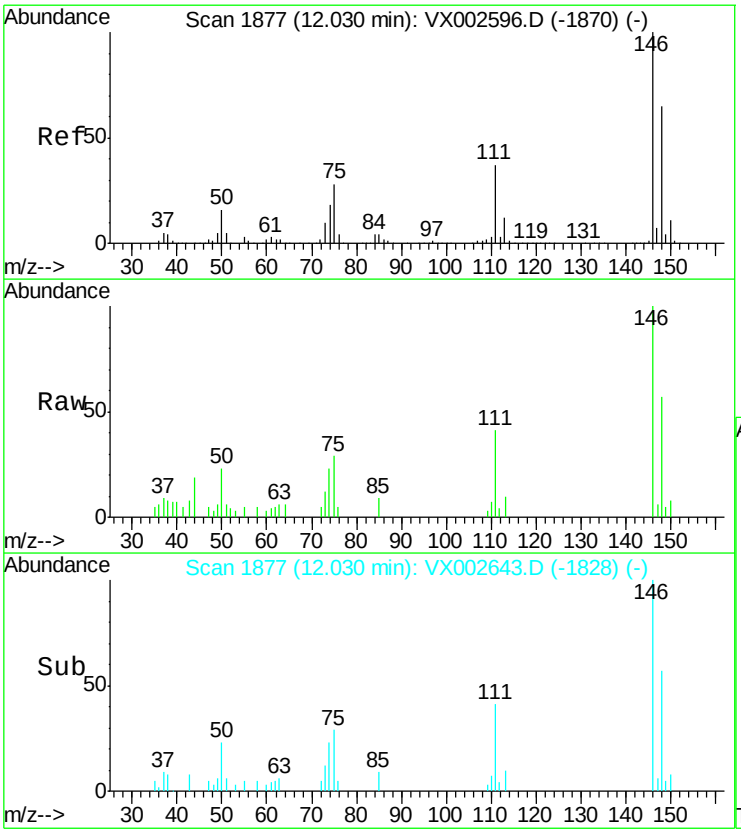
#81
trans-1,4-Dichloro-2-butene
Concen: 83.06 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX002643.D
Acq: 16 Jun 2018 12:56

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 82827

Ion	Ratio	Lower	Upper
75	100		
53	0.0	86.8	130.2#
89	0.0	38.2	57.2#

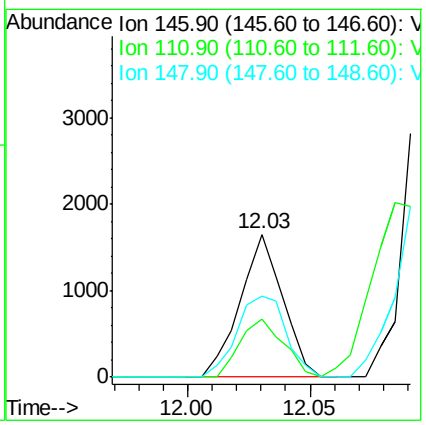


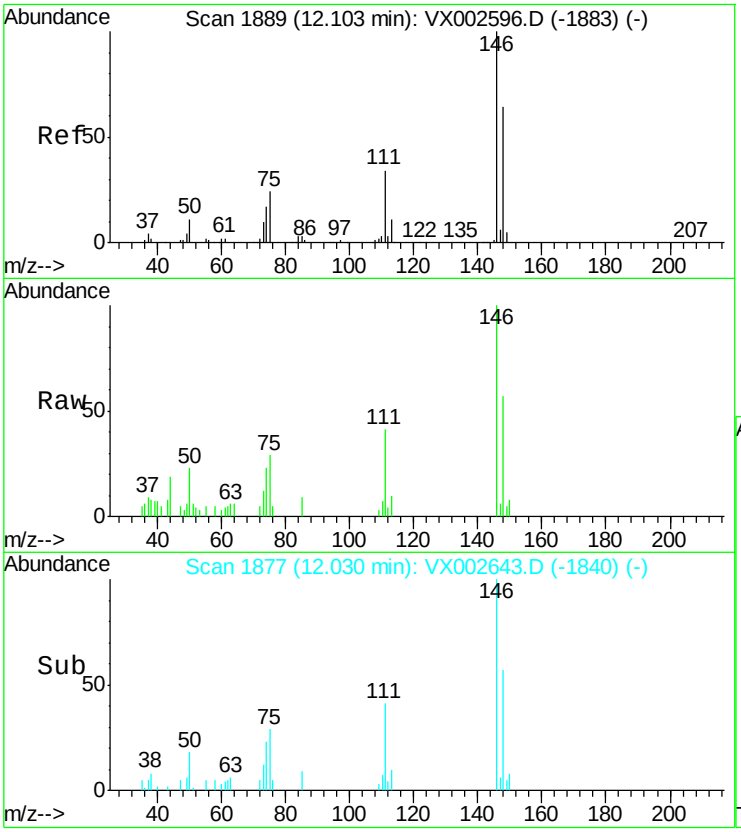


#87
1,3-Dichlorobenzene
Concen: 0.36 ug/l
RT: 12.03 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX002643.D
Acq: 16 Jun 2018 12:56

Tgt Ion:146 Resp: 2013

Ion	Ratio	Lower	Upper
146	100		
111	41.5	18.9	56.7
148	65.3	32.1	96.3



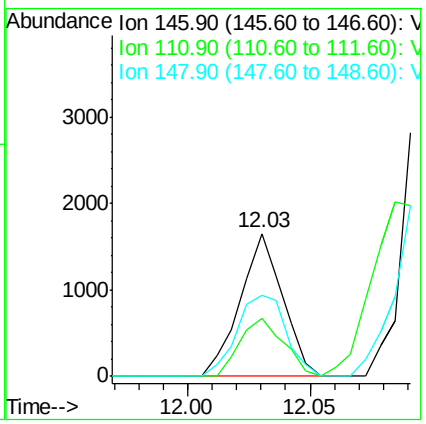


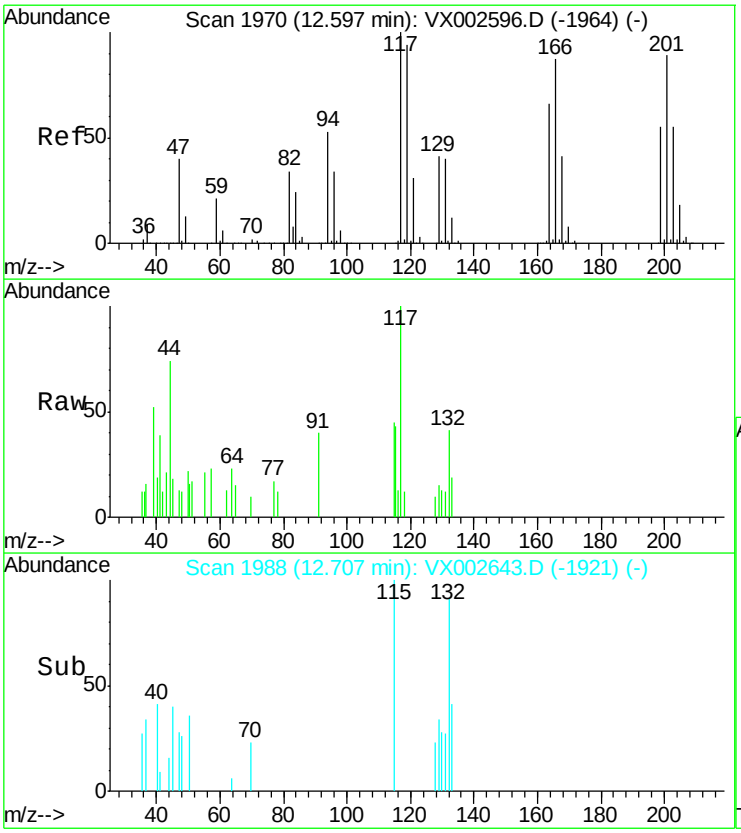
#88
1,4-Dichlorobenzene
Concen: 0.35 ug/l
RT: 12.03 min Scan# 1877
Delta R.T. -0.07 min
Lab File: VX002643.D
Acq: 16 Jun 2018 12:56

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:146 Resp: 2013

Ion	Ratio	Lower	Upper
146	100		
111	41.5	18.7	56.1
148	65.3	32.4	97.0

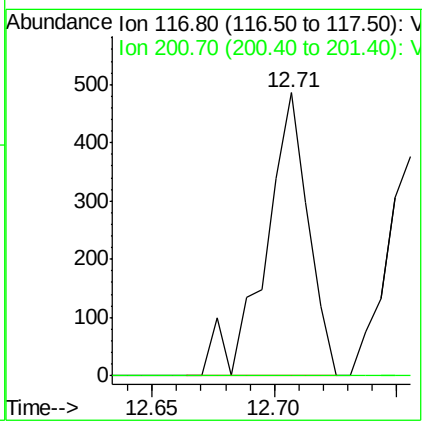


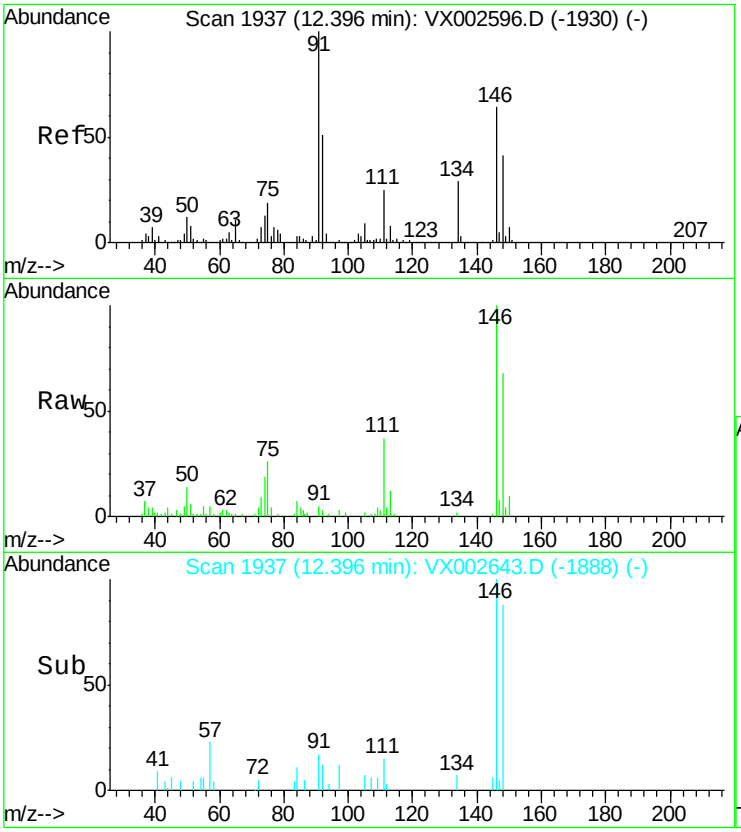


#90
Hexachloroethane
Concen: 2.99 ug/l
RT: 12.71 min Scan# 1988
Delta R.T. 0.11 min
Lab File: VX002643.D
Acq: 16 Jun 2018 12:56

Tgt Ion:117 Resp: 595

Ion	Ratio	Lower	Upper
117	100		
201	0.0	49.0	147.0#





#91
1,2-Dichlorobenzene
Concen: 1.68 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX002643.D
Acq: 16 Jun 2018 12:56

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:146 Resp: 9410

Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.4	58.1
148	66.8	31.7	95.1