Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061518\
Data File : VX002644.D
Acq On : 16 Jun 2018 13:22
Operator : JC/MD
Sample : J3477-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 55 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : S36-0137

Quant Time: Jun 18 06:11:37 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	216572	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	310508	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	294343	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	170220	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	149073	45.30	ug/l		0.00
Spiked Amount 50.000			Recovery = 90.60%				
35) Dibromofluoromethane	5.51	113	114494	46.20	ug/l		0.00
Spiked Amount 50.000			Recovery = 92.40%				
50) Toluene-d8	8.72	98	446493	47.45	ug/l		0.00
Spiked Amount 50.000			Recovery = 94.90%				
62) 4-Bromofluorobenzene	11.14	95	157992	44.31	ug/l		0.00
Spiked Amount 50.000			Recovery = 88.62%				
Target Compounds							Qvalue
4) Vinyl Chloride	1.41	62	9997	3.52	ug/l	#	69
5) Bromomethane	1.65	94	1142	0.67	ug/l		97
10) Methyl Iodide	2.52	142	1386	5.54	ug/l	#	88
11) Tert butyl alcohol	3.07	59	361	0.53	ug/l	#	73
12) 1,1-Dichloroethene	2.37	96	714	0.30	ug/l		86
13) Acrolein	2.30	56	53	7.03	ug/l	#	1
16) Acetone	2.45	43	4258	2.93	ug/l		96
18) Methyl Acetate	2.79	43	1225	0.32	ug/l		91
20) Methylene Chloride	2.87	84	598	0.20	ug/l	#	63
21) trans-1,2-Dichloroethene	3.17	96	15330	5.84	ug/l		97
27) cis-1,2-Dichloroethene	4.60	96	151322	56.65	ug/l		83
29) Tetrahydrofuran	5.18	42	368	0.29	ug/l	#	45
36) 1,1-Dichloropropene	5.67	75	15221	4.62	ug/l	#	50
38) Carbon Tetrachloride	5.67	117	20507	6.24	ug/l	#	16
39) Methylcyclohexane	7.46	83	799	0.21	ug/l	#	71
40) Benzene	6.15	78	14740	1.49	ug/l		96
44) Trichloroethene	7.22	130	911	0.32	ug/l		92
49) 1,4-Dioxane	8.01	88	20	0.33	ug/l	#	1
53) t-1,3-Dichloropropene	8.33	75	19	2.40	ug/l	#	43
54) cis-1,3-Dichloropropene	9.14	75	22	3.22	ug/l	#	1
60) Dibromochloromethane	9.60	129	40	3.77	ug/l	#	11
65) Chlorobenzene	10.14	112	193823	26.81	ug/l		99
67) Ethyl Benzene	10.26	91	3640	0.30	ug/l		99
76) 1,2,3-Trichloropropane	11.14	75	85150	26.51	ug/l	#	33
81) trans-1,4-Dichloro-2-buten	11.14	75	85150	81.91	ug/l	#	7
83) tert-Butylbenzene	11.77	119	2103	0.23	ug/l		97
87) 1,3-Dichlorobenzene	12.03	146	1322	0.23	ug/l		81
88) 1,4-Dichlorobenzene	12.10	146	12539	2.12	ug/l		89
90) Hexachloroethane	12.71	117	350	2.83	ug/l	#	1
91) 1,2-Dichlorobenzene	12.40	146	7026	1.20	ug/l		100

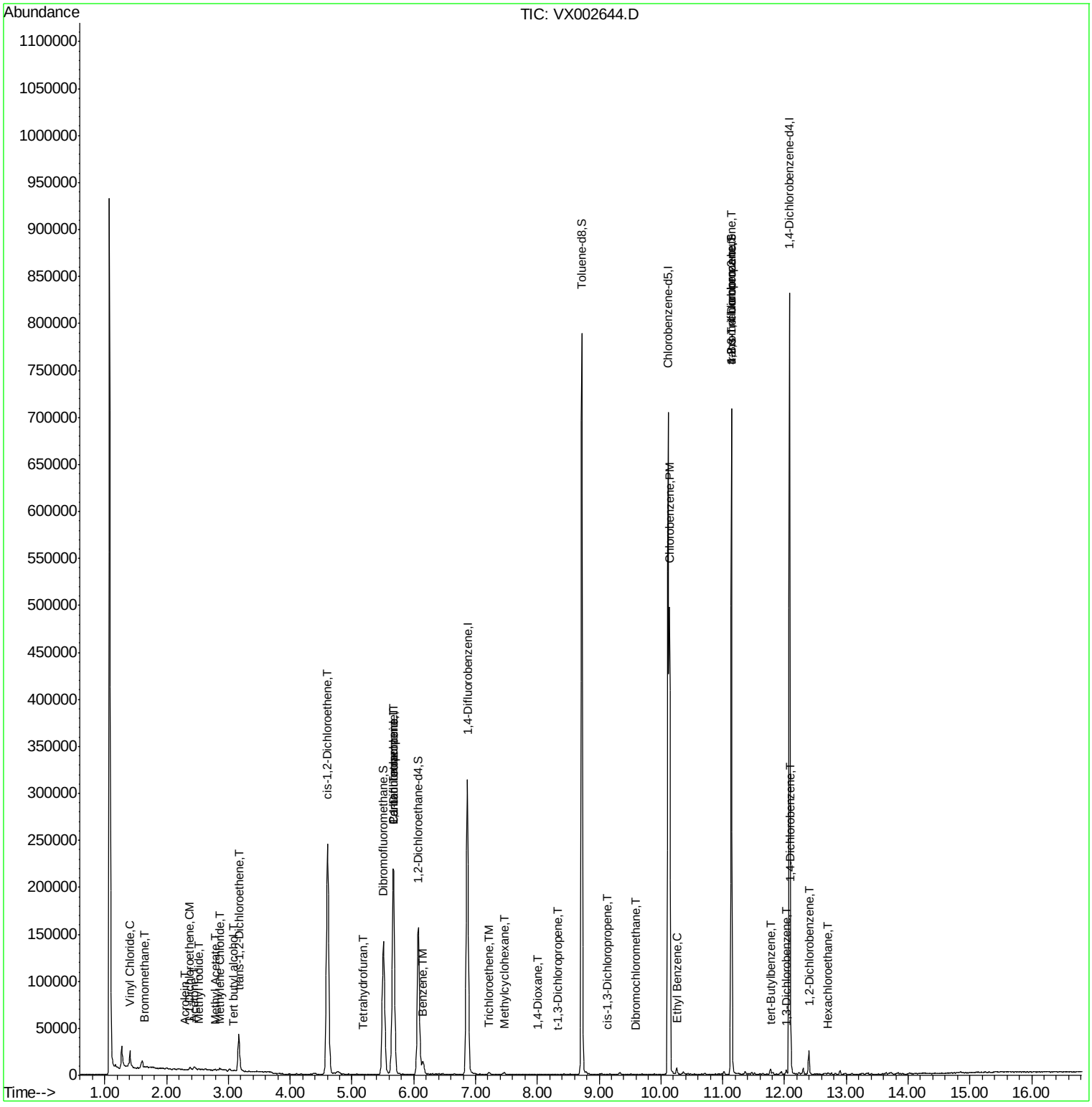
(#) = qualifier out of range (m) = manual integration (+) = signals summed

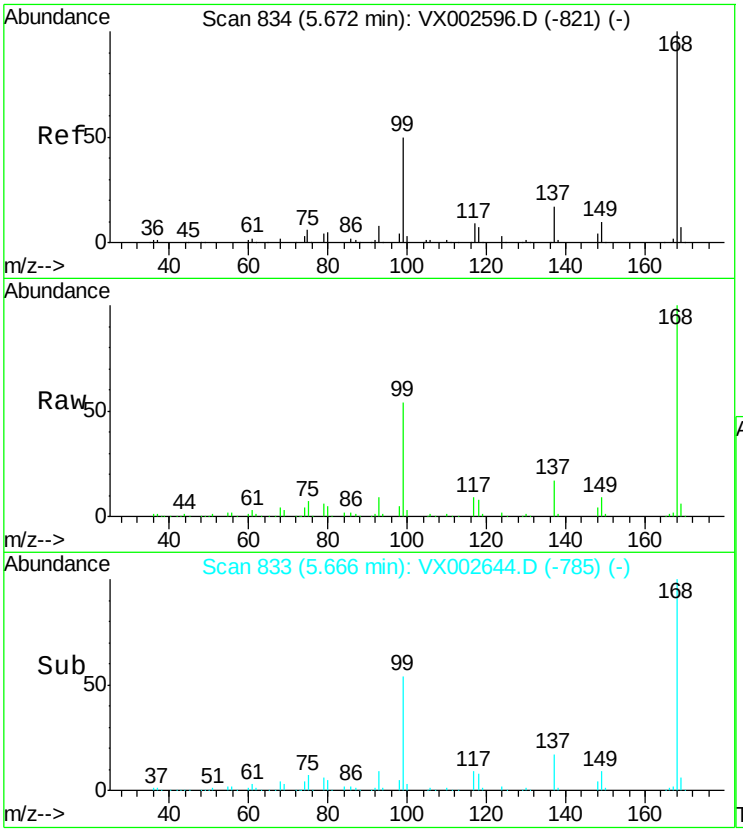
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061518\
Data File : VX002644.D
Acq On : 16 Jun 2018 13:22
Operator : JC/MD
Sample : J3477-09
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 55 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
S36-0137

Quant Time: Jun 18 06:11:37 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



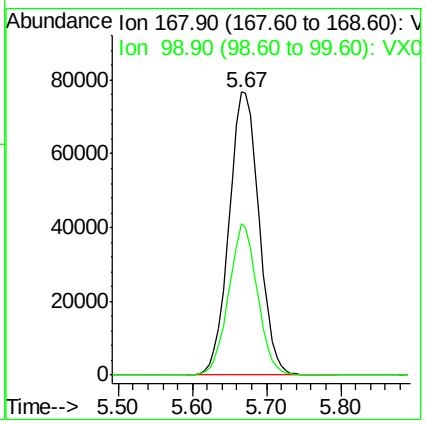


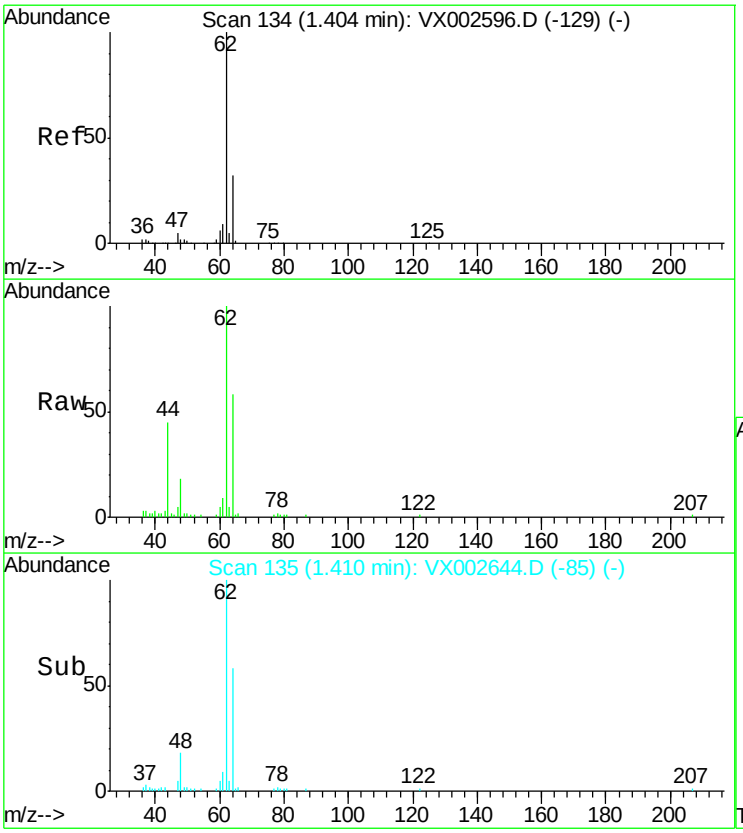
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.01 min
Lab File: VX002644.D
Acq: 16 Jun 2018 13:22

Instrument :
MSVOA_X
ClientSampleId :
S36-0137

Tgt Ion:168 Resp: 216572

Ion	Ratio	Lower	Upper
168	100		
99	53.6	39.3	58.9

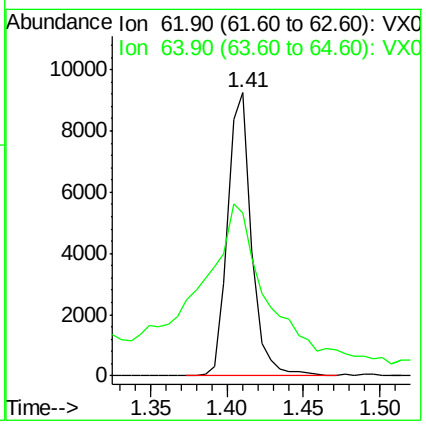


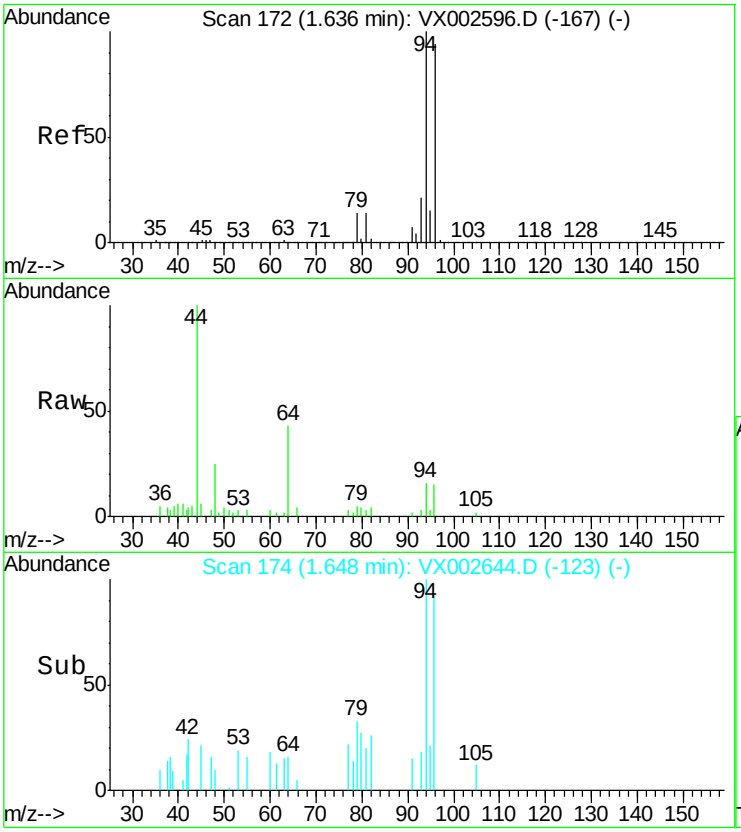


#4
Vinyl Chloride
Concen: 3.52 ug/l
RT: 1.41 min Scan# 135
Delta R.T. 0.01 min
Lab File: VX002644.D
Acq: 16 Jun 2018 13:22

Tgt Ion: 62 Resp: 9997

Ion	Ratio	Lower	Upper
62	100		
64	48.8	25.4	38.2#



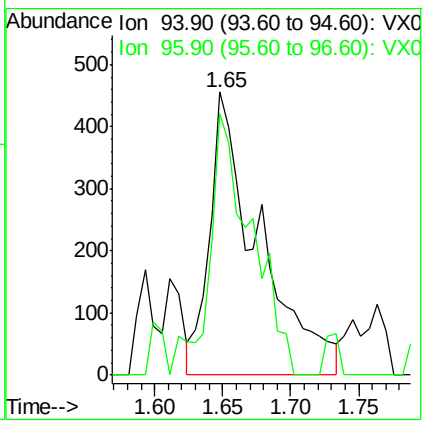


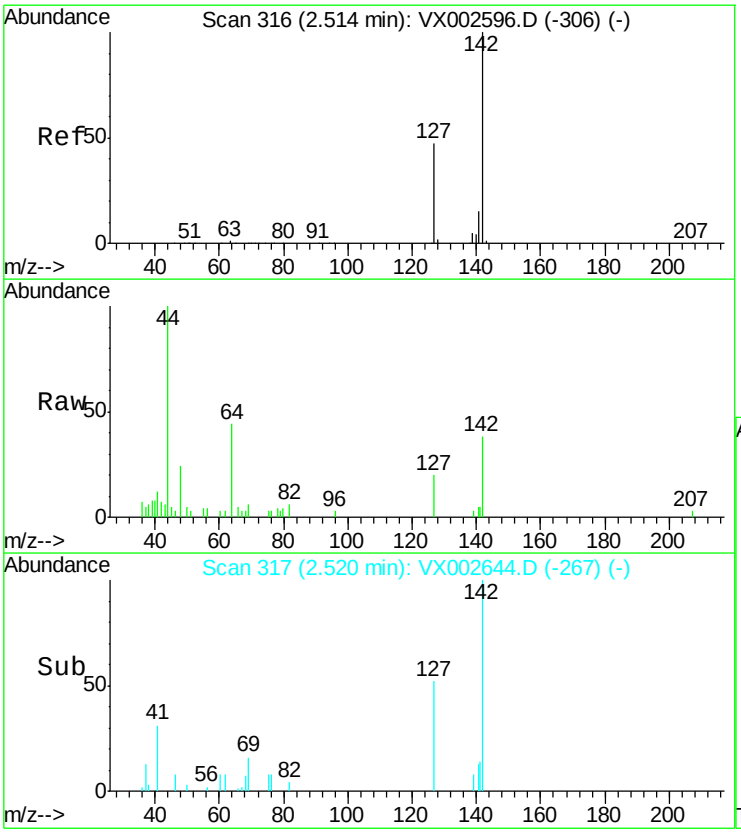
#5
Bromomethane
Concen: 0.67 ug/l
RT: 1.65 min Scan# 174
Delta R.T. 0.01 min
Lab File: VX002644.D
Acq: 16 Jun 2018 13:22

Instrument : MSVOA_X
ClientSampleId : S36-0137

Tgt Ion: 94 Resp: 1142

Ion	Ratio	Lower	Upper
94	100		
96	90.6	74.9	112.3

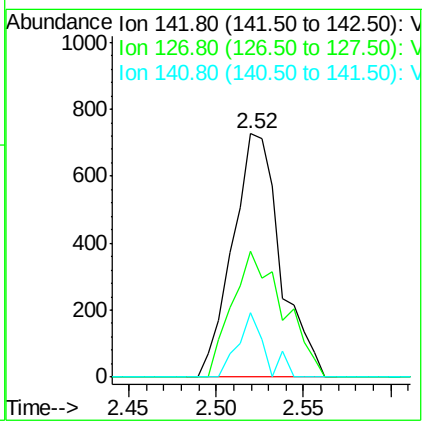


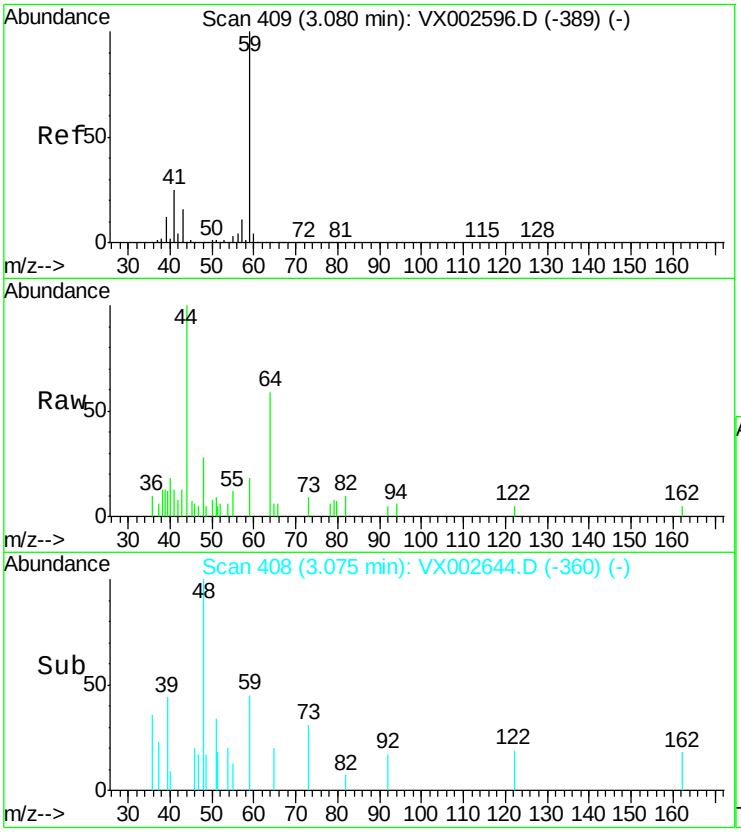


#10
Methyl Iodide
Concen: 5.54 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX002644.D
Acq: 16 Jun 2018 13:22

Tgt Ion:142 Resp: 1386

Ion	Ratio	Lower	Upper
142	100		
127	55.6	36.6	55.0#
141	14.6	11.3	16.9



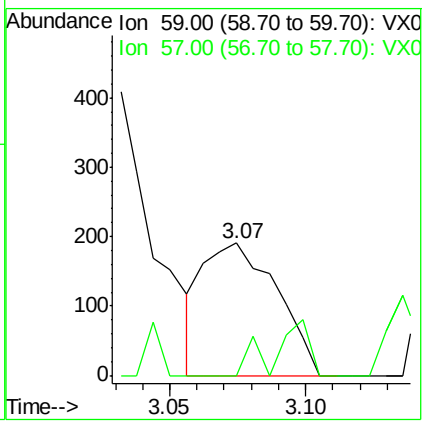


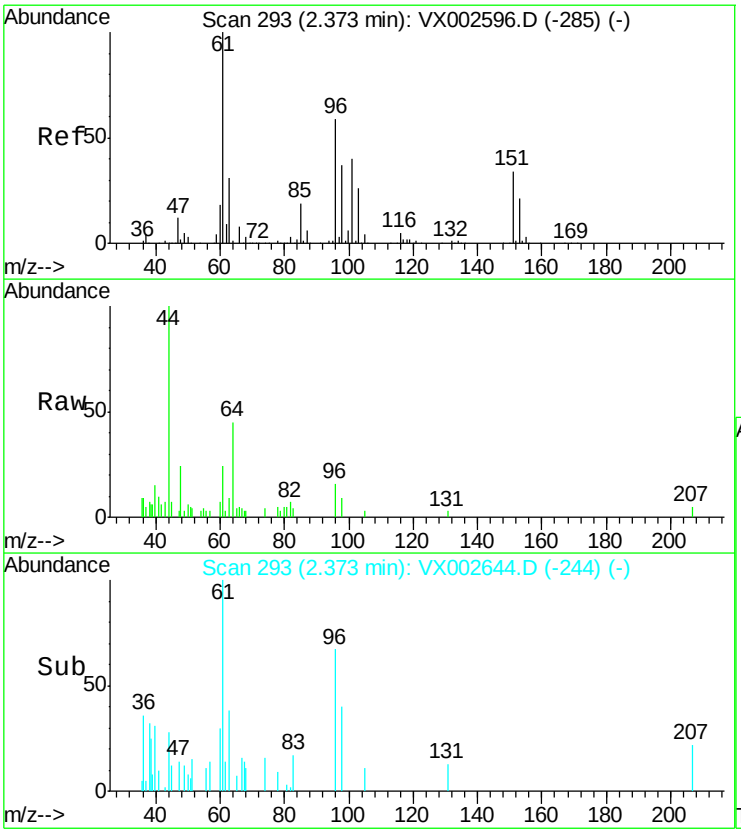
#11
Tert butyl alcohol
Concen: 0.53 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX002644.D
Acq: 16 Jun 2018 13:22

Instrument :
MSVOA_X
ClientSampleId :
S36-0137

Tgt Ion: 59 Resp: 361

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.2	12.2#

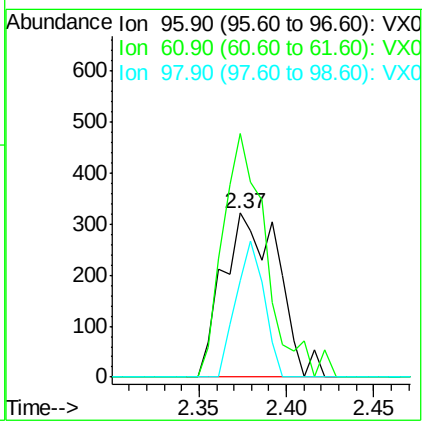


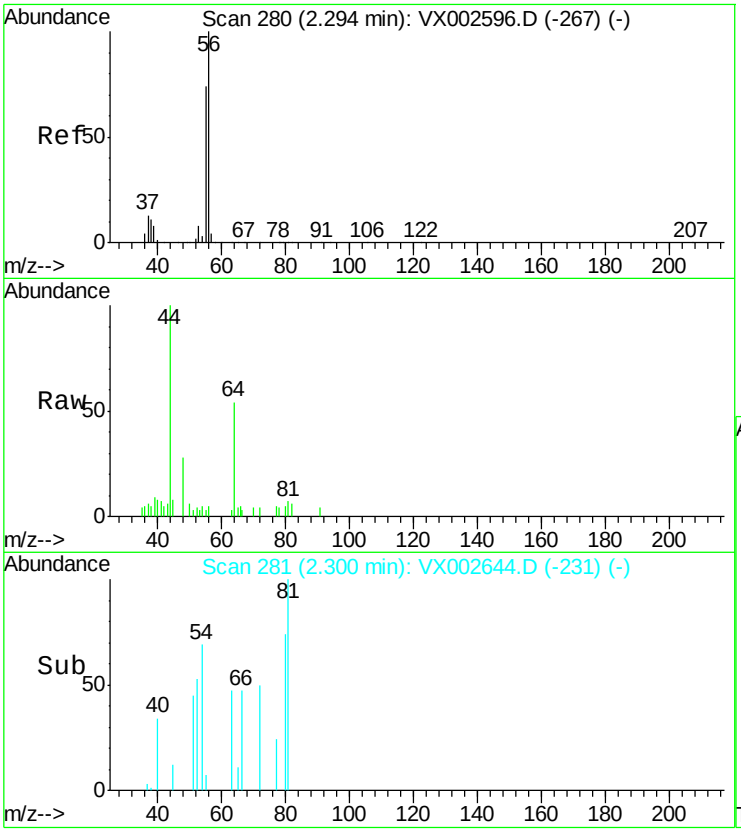


#12
1,1-Dichloroethene
Concen: 0.30 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.00 min
Lab File: VX002644.D
Acq: 16 Jun 2018 13:22

Tgt Ion: 96 Resp: 714

Ion	Ratio	Lower	Upper
96	100		
61	148.6	137.9	206.9
98	59.2	51.6	77.4



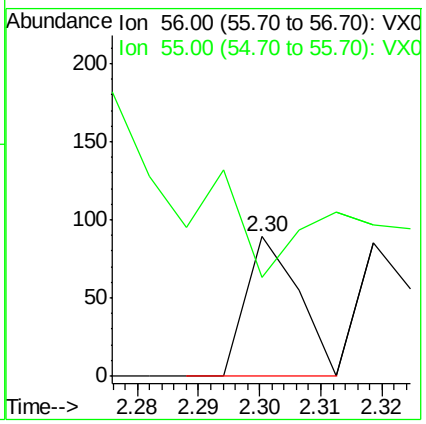


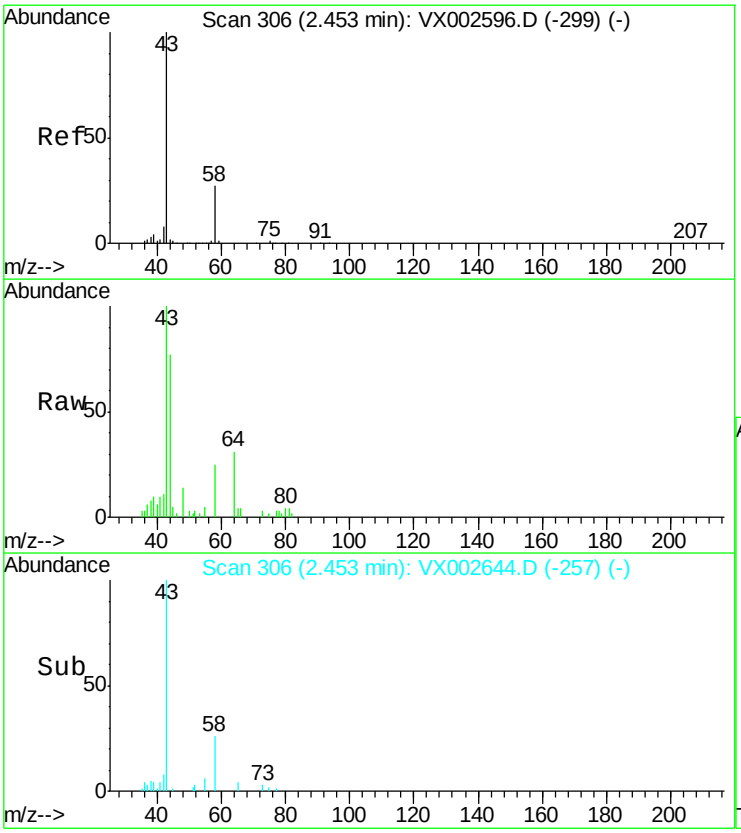
#13
Acrolein
Concen: 7.03 ug/l
RT: 2.30 min Scan# 281
Delta R.T. 0.01 min
Lab File: VX002644.D
Acq: 16 Jun 2018 13:22

Instrument :
MSVOA_X
ClientSampleId :
S36-0137

Tgt Ion: 56 Resp: 53

Ion	Ratio	Lower	Upper
56	100		
55	254.7	57.0	85.4#

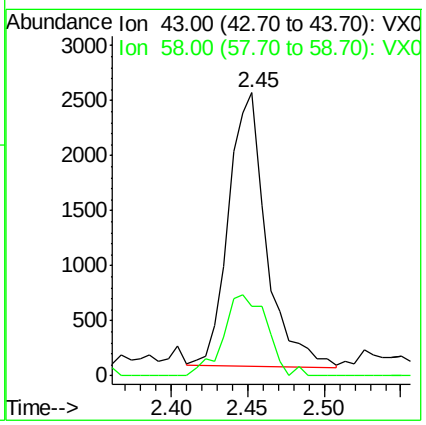


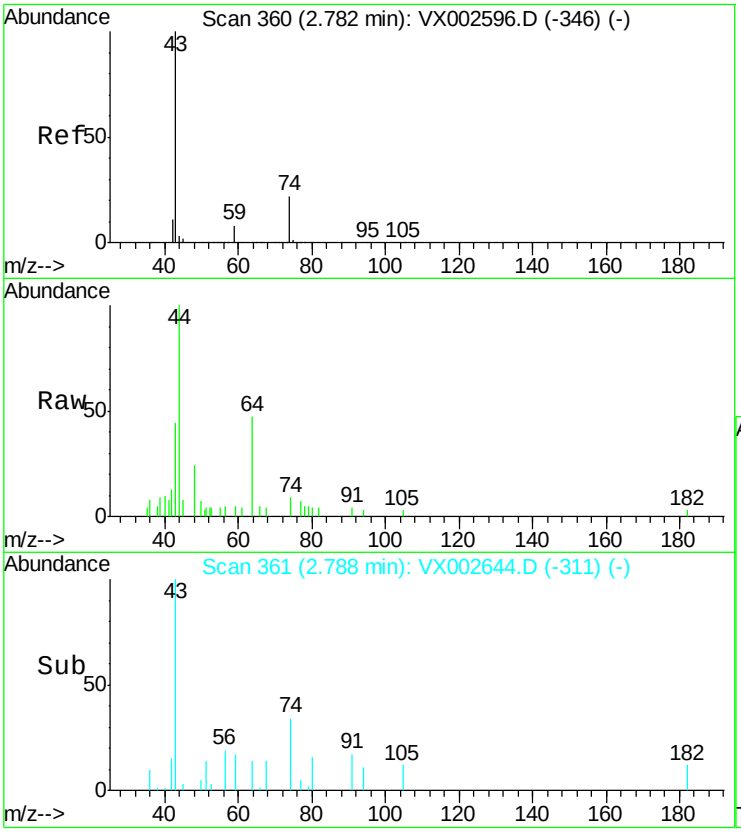


#16
Acetone
Concen: 2.93 ug/l
RT: 2.45 min Scan# 306
Delta R.T. 0.00 min
Lab File: VX002644.D
Acq: 16 Jun 2018 13:22

Tgt Ion: 43 Resp: 4258

Ion	Ratio	Lower	Upper
43	100		
58	25.6	22.1	33.1



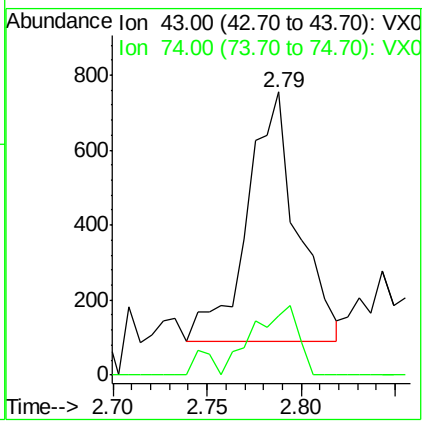


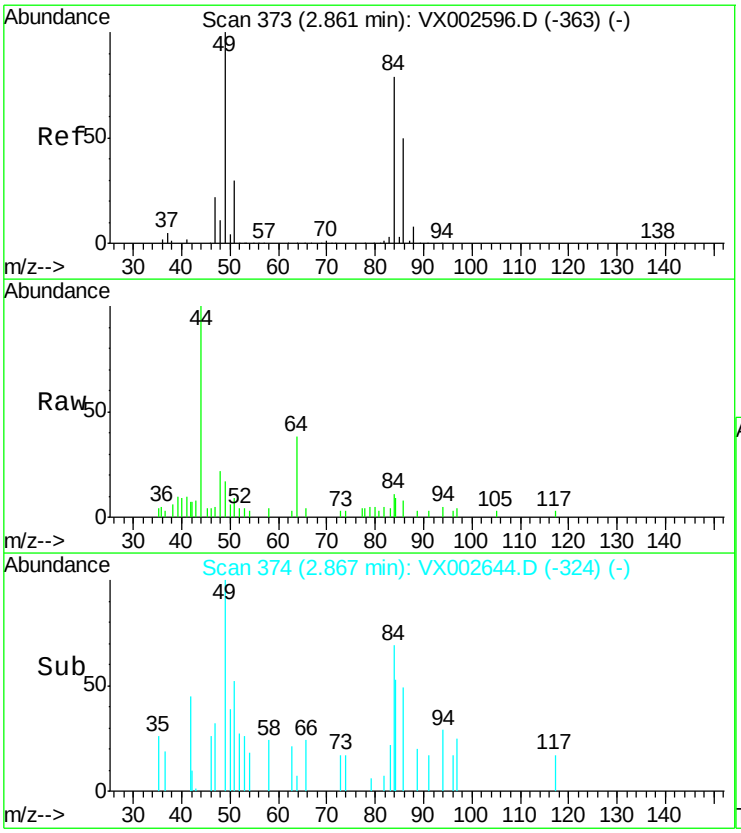
#18
Methyl Acetate
Concen: 0.32 ug/l
RT: 2.79 min Scan# 361
Delta R.T. 0.01 min
Lab File: VX002644.D
Acq: 16 Jun 2018 13:22

Instrument : MSVOA_X
ClientSampleId : S36-0137

Tgt Ion: 43 Resp: 1225

Ion	Ratio	Lower	Upper
43	100		
74	25.0	16.7	25.1

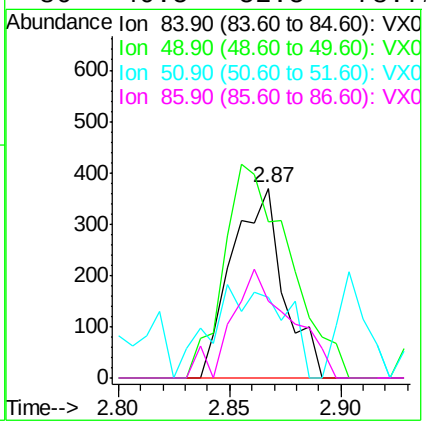


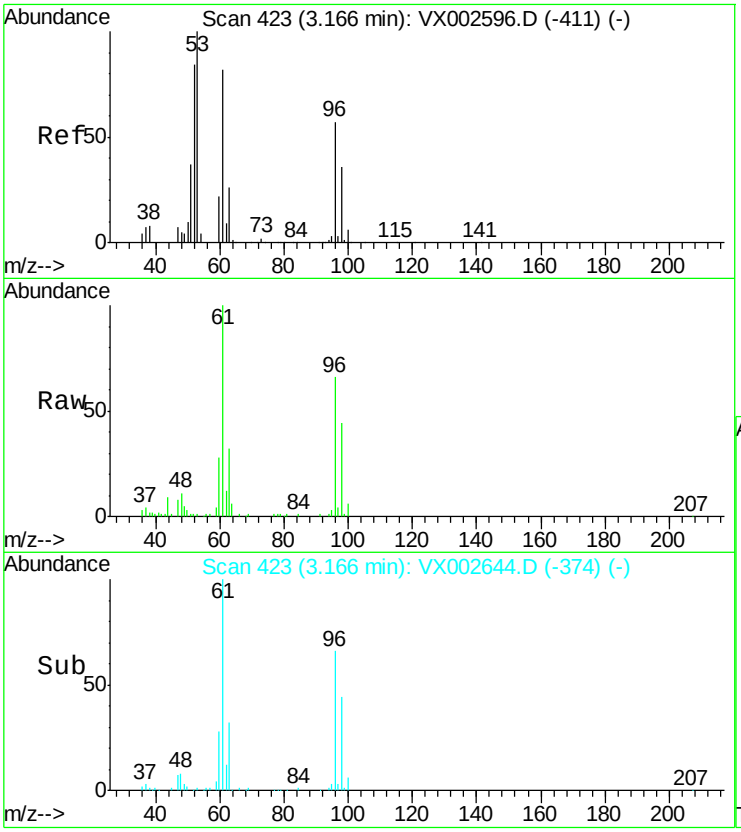


#20
Methylene Chloride
Concen: 0.20 ug/l
RT: 2.87 min Scan# 374
Delta R.T. 0.01 min
Lab File: VX002644.D
Acq: 16 Jun 2018 13:22

Tgt Ion: 84 Resp: 598

Ion	Ratio	Lower	Upper
84	100		
49	82.2	107.8	161.6#
51	26.8	32.8	49.2#
86	40.5	52.5	78.7#



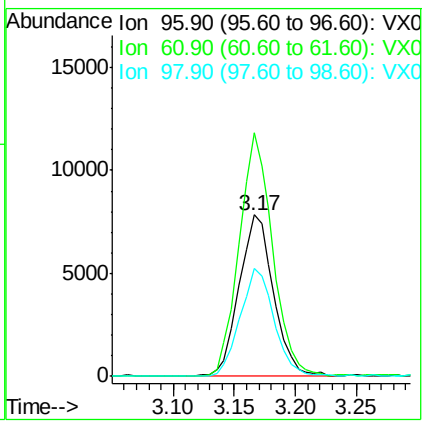


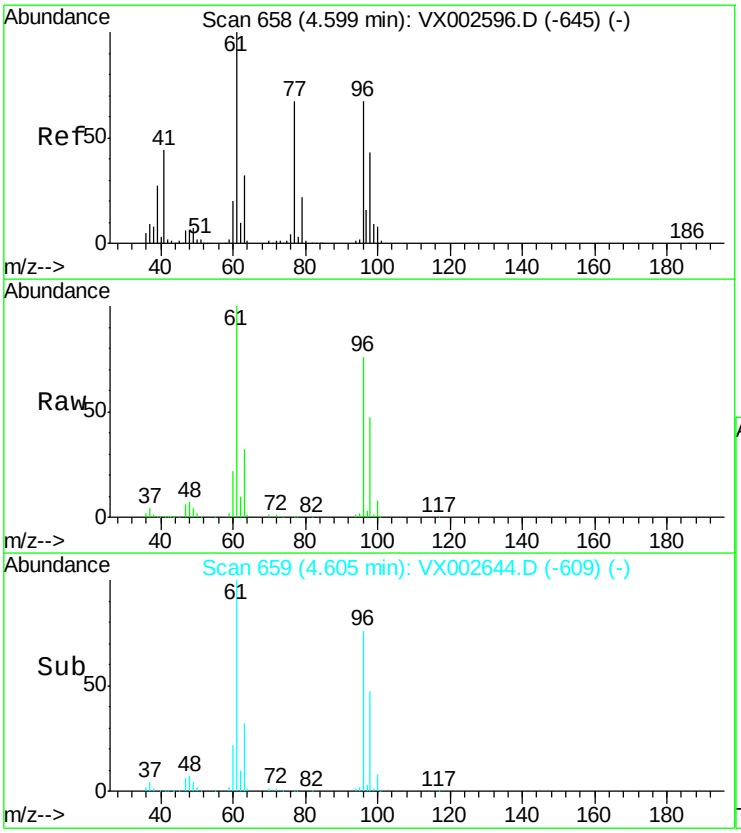
#21
trans-1,2-Dichloroethene
Concen: 5.84 ug/l
RT: 3.17 min Scan# 423
Delta R.T. 0.00 min
Lab File: VX002644.D
Acq: 16 Jun 2018 13:22

Instrument :
MSVOA_X
ClientSampleId :
S36-0137

Tgt Ion: 96 Resp: 15330

Ion	Ratio	Lower	Upper
96	100		
61	151.1	117.0	175.4
98	67.1	52.4	78.6

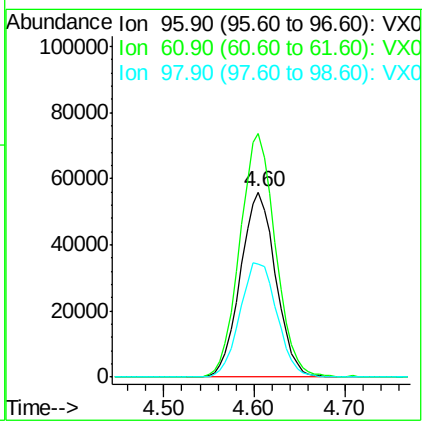


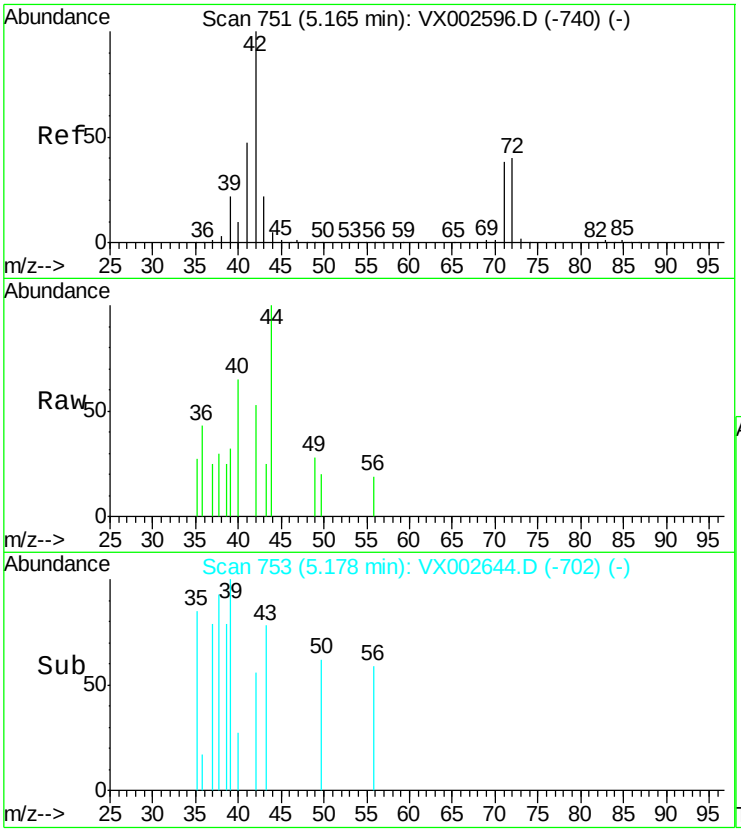


#27
cis-1,2-Dichloroethene
Concen: 56.65 ug/l
RT: 4.60 min Scan# 659
Delta R.T. 0.01 min
Lab File: VX002644.D
Acq: 16 Jun 2018 13:22

Tgt Ion: 96 Resp: 151322

Ion	Ratio	Lower	Upper
96	100		
61	132.5	0.0	330.2
98	64.9	0.0	130.2



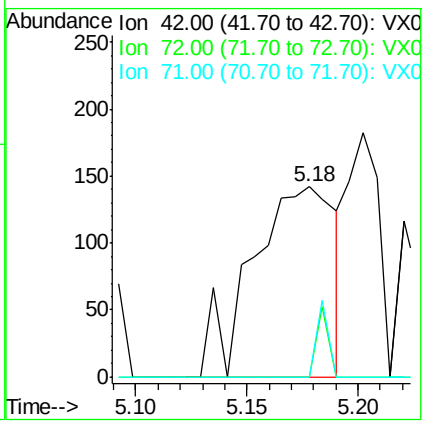


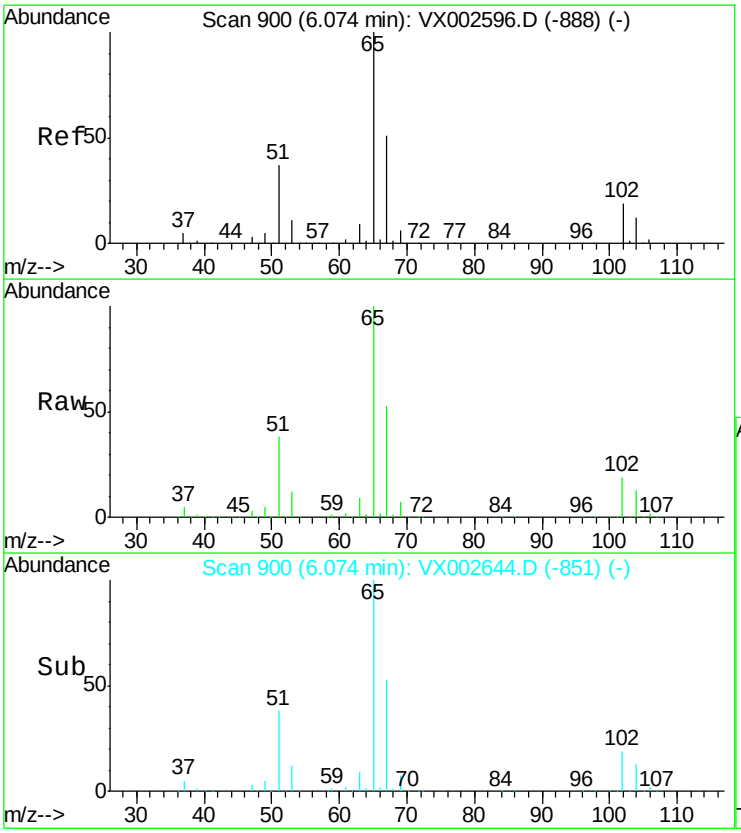
#29
Tetrahydrofuran
Concen: 0.29 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.01 min
Lab File: VX002644.D
Acq: 16 Jun 2018 13:22

Instrument :
MSVOA_X
ClientSampleId :
S36-0137

Tgt Ion: 42 Resp: 368

Ion	Ratio	Lower	Upper
42	100		
72	5.2	32.0	48.0#
71	5.7	30.1	45.1#

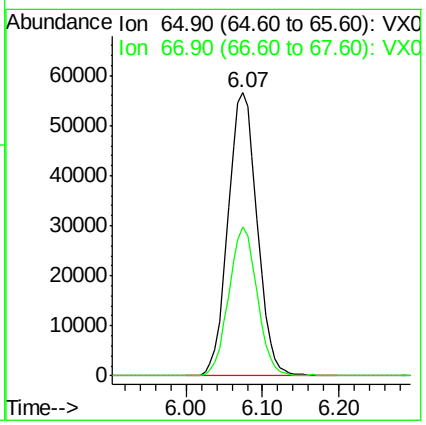


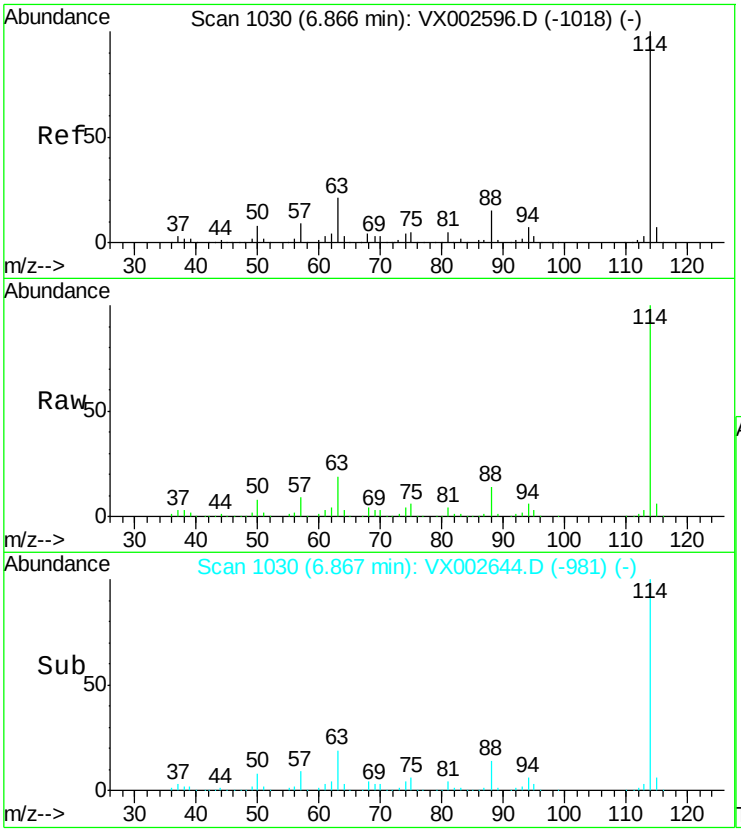


#33
1,2-Dichloroethane-d4
Concen: 45.30 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.00 min
Lab File: VX002644.D
Acq: 16 Jun 2018 13:22

Tgt Ion: 65 Resp: 149073

Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	102.6



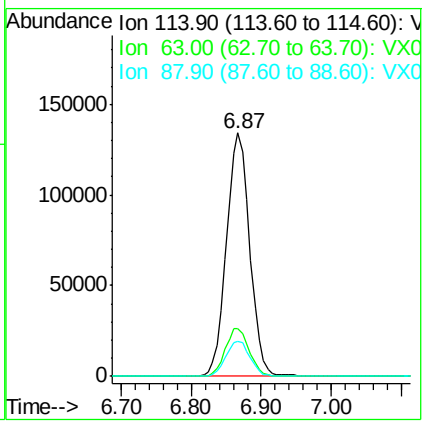


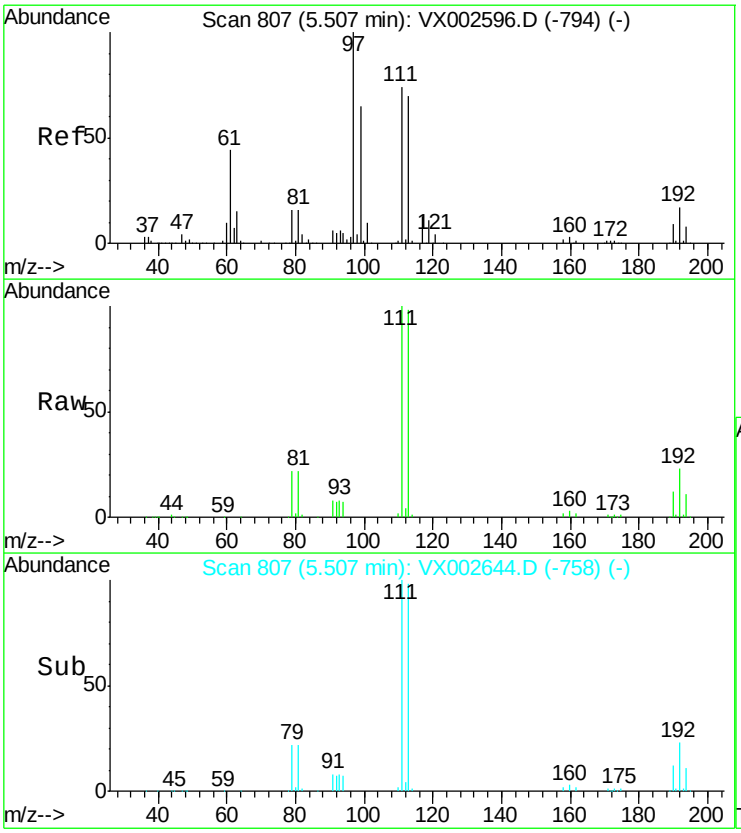
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VX002644.D
Acq: 16 Jun 2018 13:22

Instrument :
MSVOA_X
ClientSampleId :
S36-0137

Tgt Ion:114 Resp: 310508

Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	41.4
88	14.4	0.0	30.0

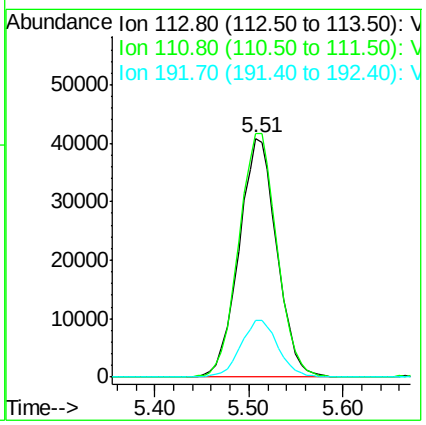


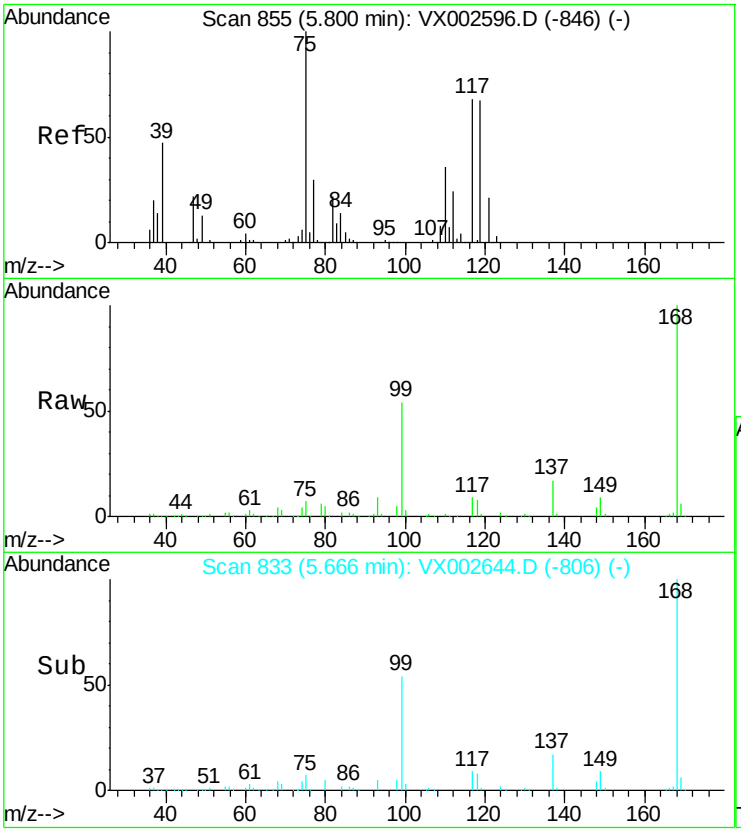


#35
Dibromofluoromethane
Concen: 46.20 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.00 min
Lab File: VX002644.D
Acq: 16 Jun 2018 13:22

Tgt Ion:113 Resp: 114494

Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.4	122.0
192	23.4	19.1	28.7



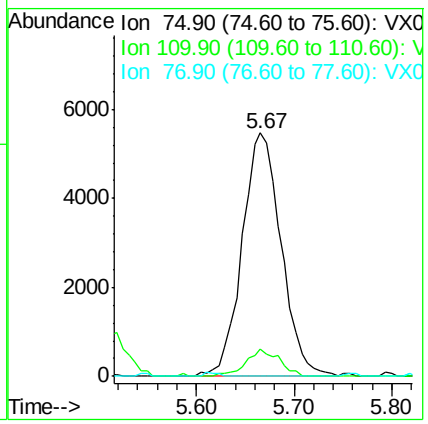


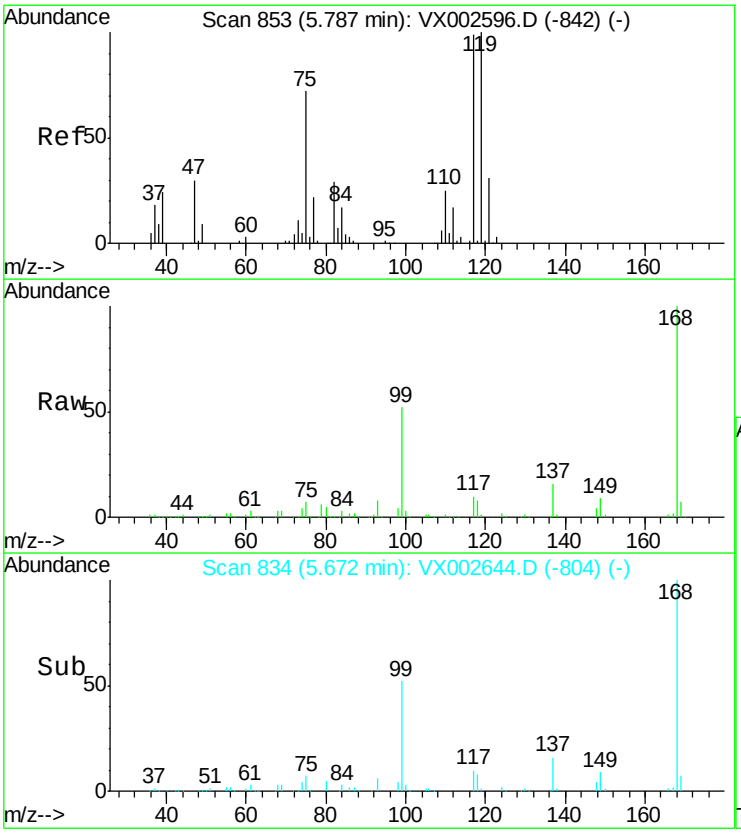
#36
1,1-Dichloropropene
Concen: 4.62 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.13 min
Lab File: VX002644.D
Acq: 16 Jun 2018 13:22

Instrument :
MSVOA_X
ClientSampleId :
S36-0137

Tgt Ion: 75 Resp: 15221

Ion	Ratio	Lower	Upper
75	100		
110	9.6	18.1	54.4#
77	0.0	24.3	36.5#

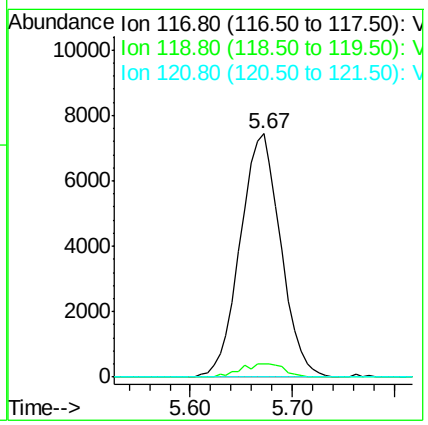


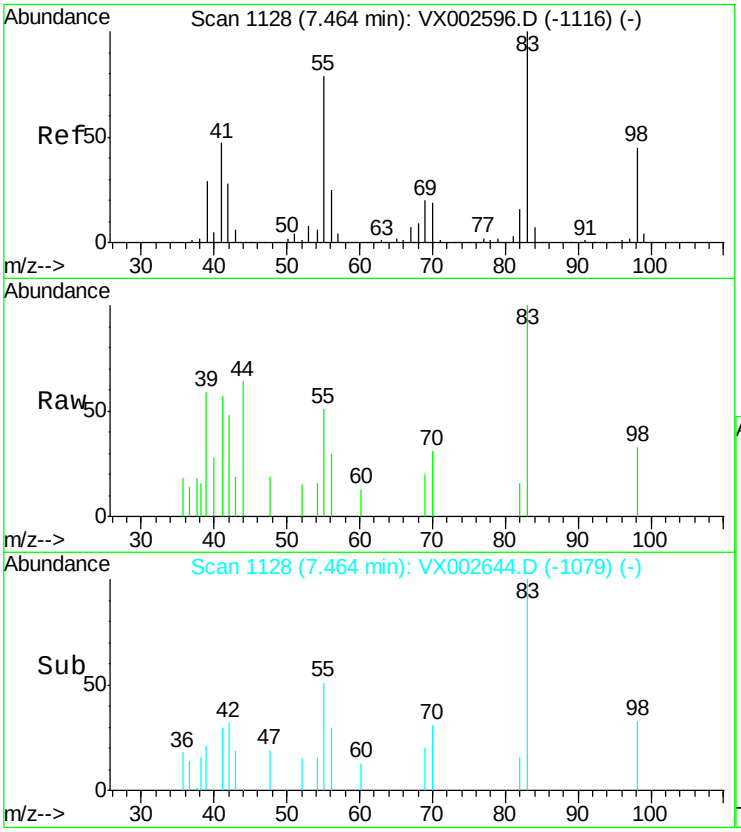


#38
Carbon Tetrachloride
Concen: 6.24 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.12 min
Lab File: VX002644.D
Acq: 16 Jun 2018 13:22

Tgt Ion:117 Resp: 20507

Ion	Ratio	Lower	Upper
117	100		
119	5.4	77.4	116.0#
121	0.0	24.4	36.6#



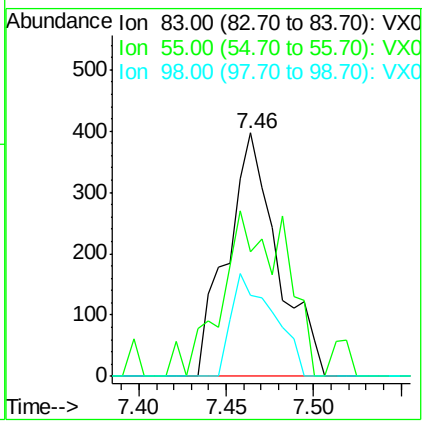


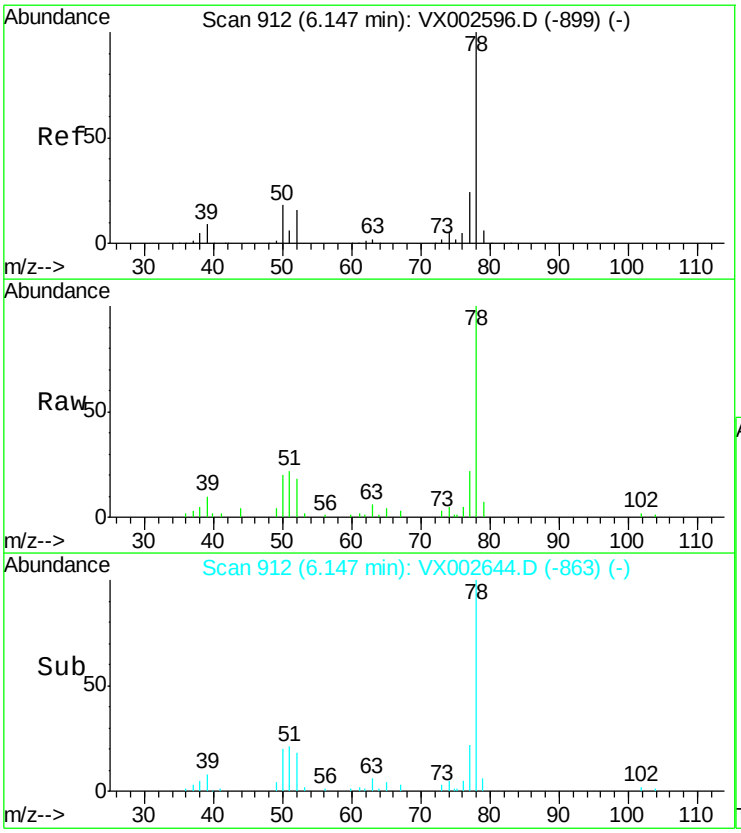
#39
Methylcyclohexane
Concen: 0.21 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX002644.D
Acq: 16 Jun 2018 13:22

Instrument : MSVOA_X
ClientSampleId : S36-0137

Tgt Ion: 83 Resp: 799

Ion	Ratio	Lower	Upper
83	100		
55	51.4	65.4	98.0#
98	33.2	37.4	56.0#

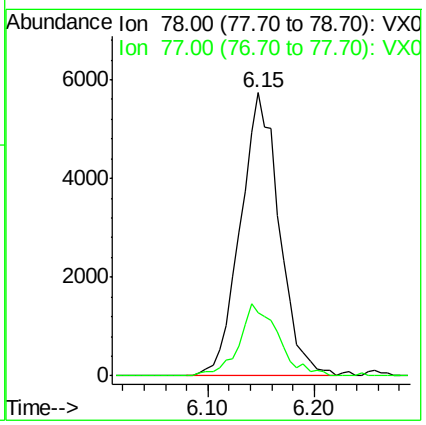


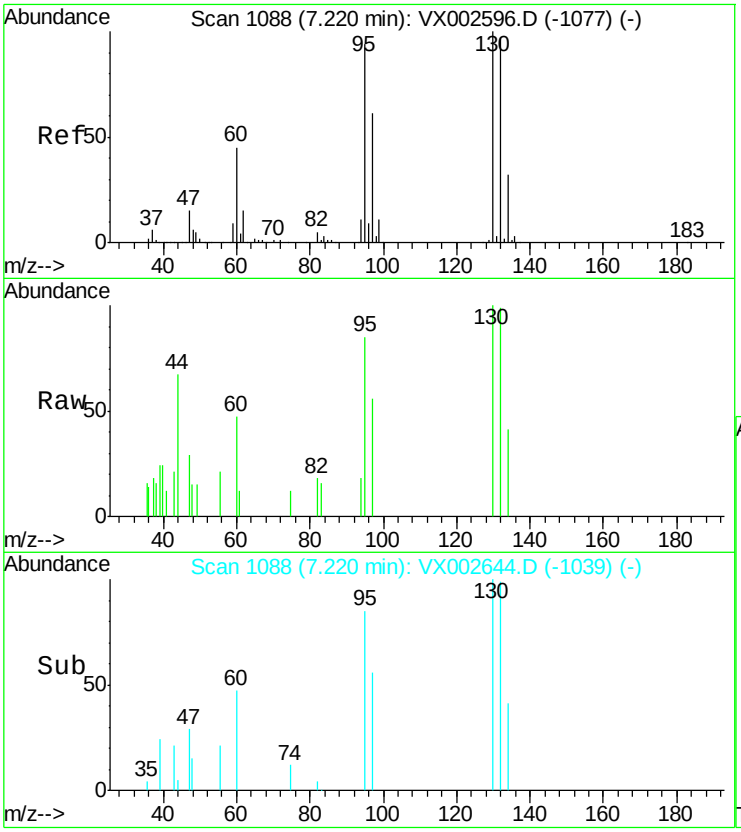


#40
Benzene
Concen: 1.49 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX002644.D
Acq: 16 Jun 2018 13:22

Tgt Ion: 78 Resp: 14740

Ion	Ratio	Lower	Upper
78	100		
77	22.2	19.1	28.7



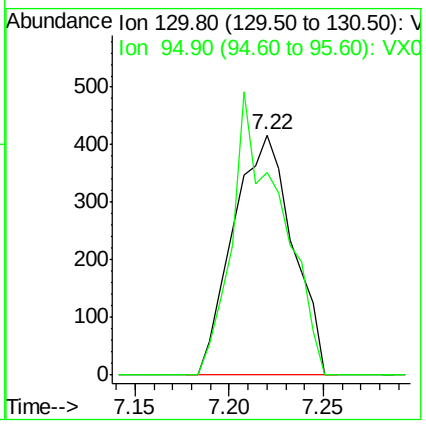


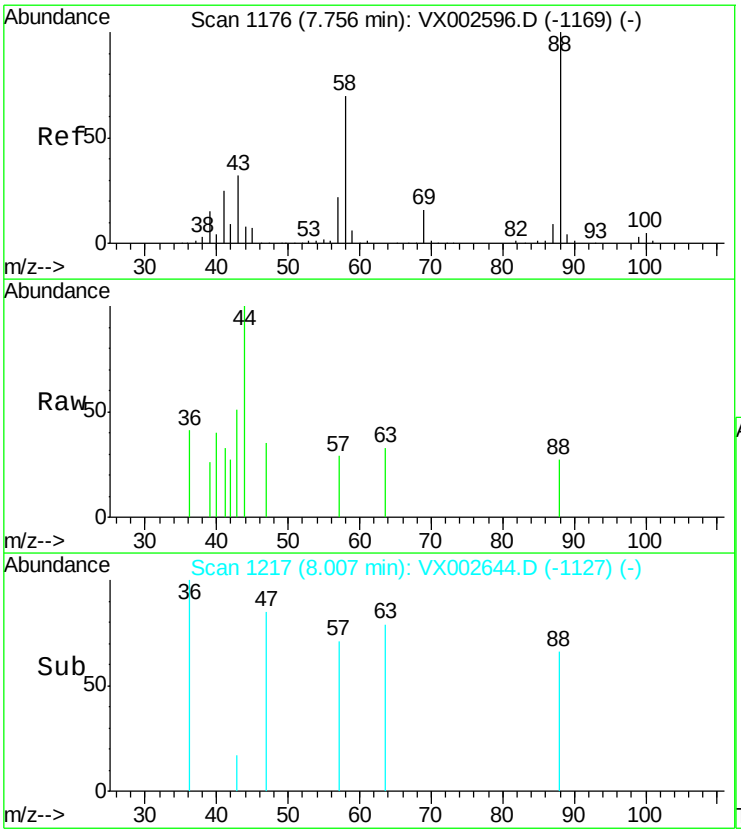
#44
Trichloroethene
Concen: 0.32 ug/l
RT: 7.22 min Scan# 1088
Delta R.T. 0.00 min
Lab File: VX002644.D
Acq: 16 Jun 2018 13:22

Instrument : MSVOA_X
ClientSampleId : S36-0137

Tgt Ion:130 Resp: 911

Ion	Ratio	Lower	Upper
130	100		
95	84.7	0.0	185.4

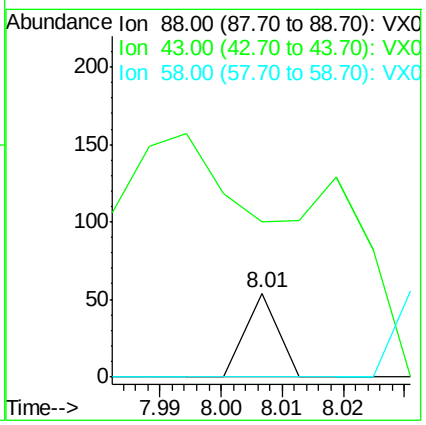


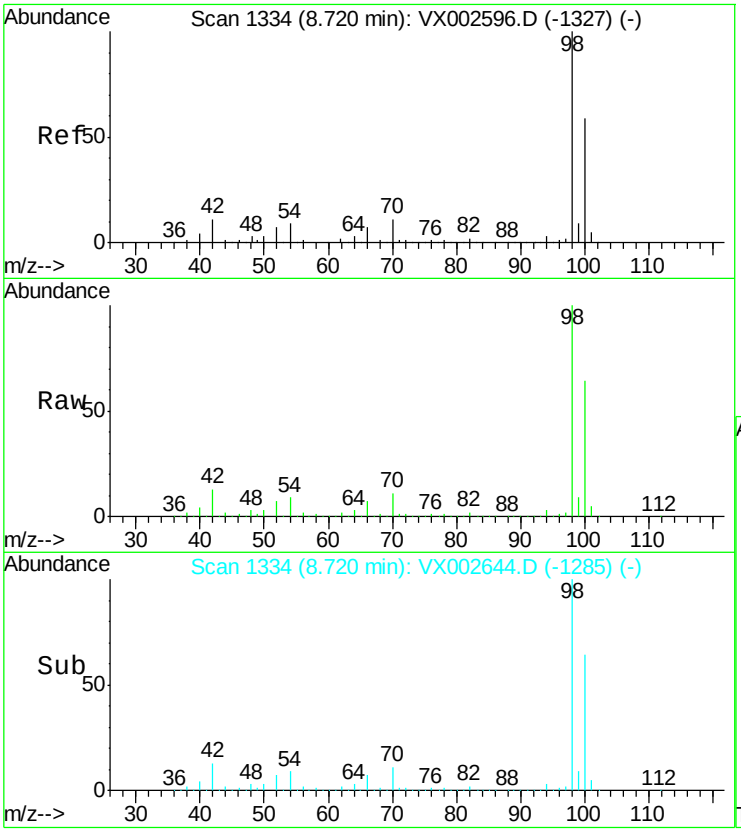


#49
1,4-Dioxane
Concen: 0.33 ug/l
RT: 8.01 min Scan# 1217
Delta R.T. 0.25 min
Lab File: VX002644.D
Acq: 16 Jun 2018 13:22

Tgt Ion: 88 Resp: 20

Ion	Ratio	Lower	Upper
88	100		
43	1725.0	29.8	44.6#
58	0.0	57.1	85.7#



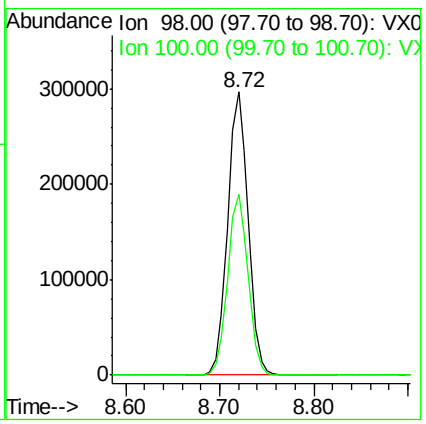


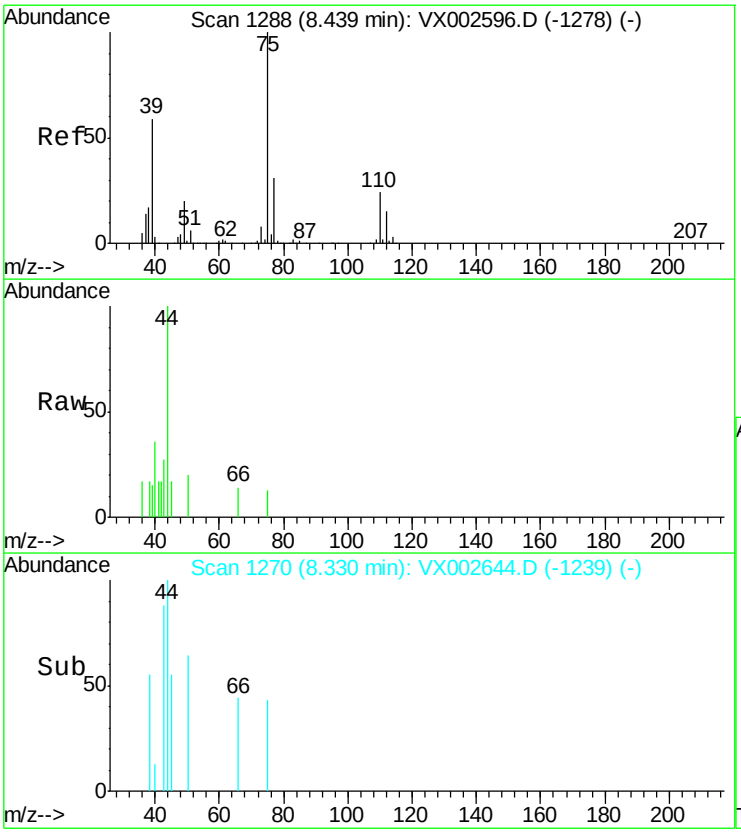
#50
Toluene-d8
Concen: 47.45 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002644.D
Acq: 16 Jun 2018 13:22

Instrument :
MSVOA_X
ClientSampleId :
S36-0137

Tgt Ion: 98 Resp: 446493

Ion	Ratio	Lower	Upper
98	100		
100	63.7	50.9	76.3

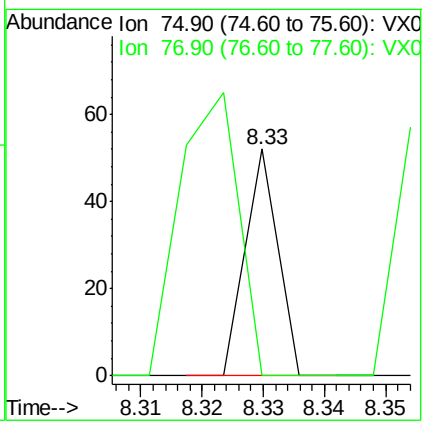


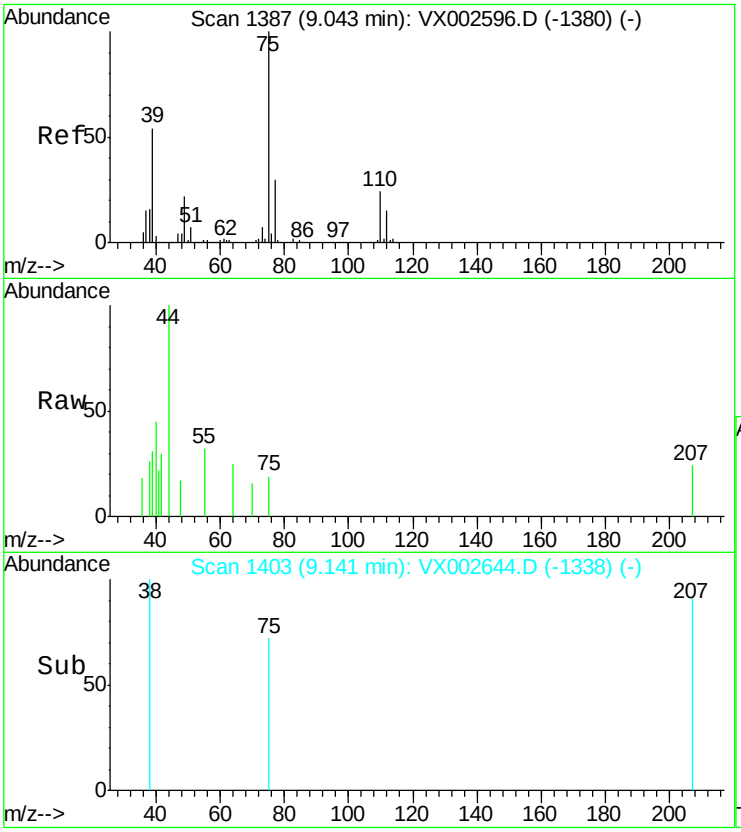


#53
t-1,3-Dichloropropene
Concen: 2.40 ug/l
RT: 8.33 min Scan# 1270
Delta R.T. -0.11 min
Lab File: VX002644.D
Acq: 16 Jun 2018 13:22

Tgt Ion: 75 Resp: 19

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.4	38.2#



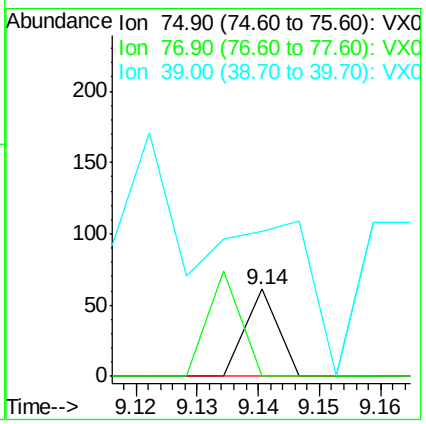


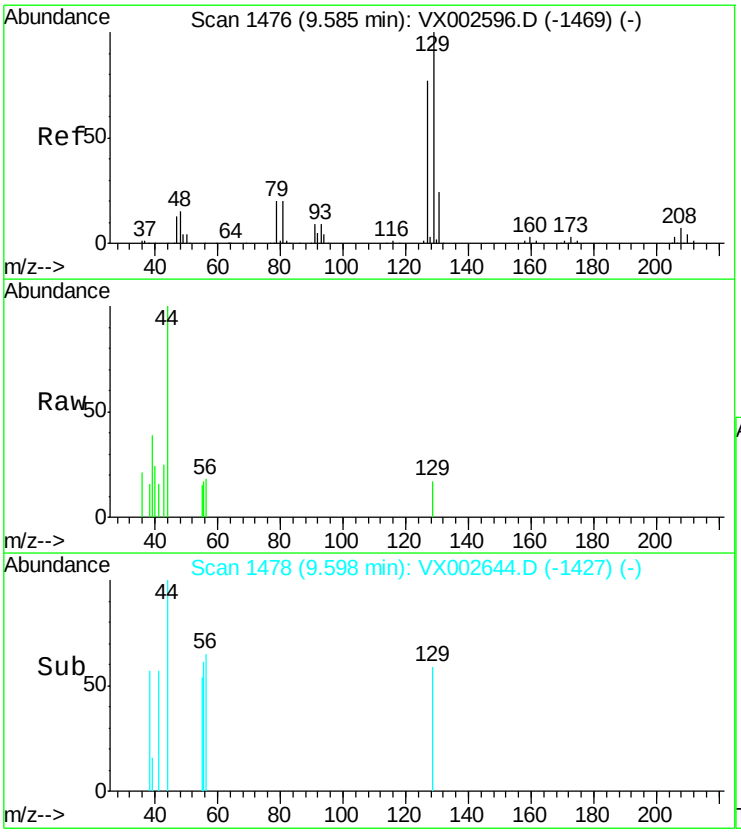
#54
cis-1,3-Dichloropropene
Concen: 3.22 ug/l
RT: 9.14 min Scan# 1403
Delta R.T. 0.10 min
Lab File: VX002644.D
Acq: 16 Jun 2018 13:22

Instrument :
MSVOA_X
ClientSampleId :
S36-0137

Tgt Ion: 75 Resp: 22

Ion	Ratio	Lower	Upper
75	100		
77	0.0	24.8	37.2#
39	167.2	42.4	63.6#

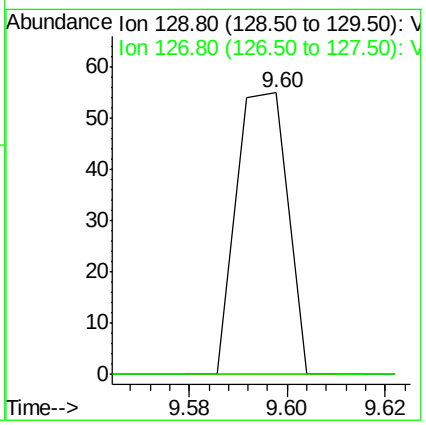


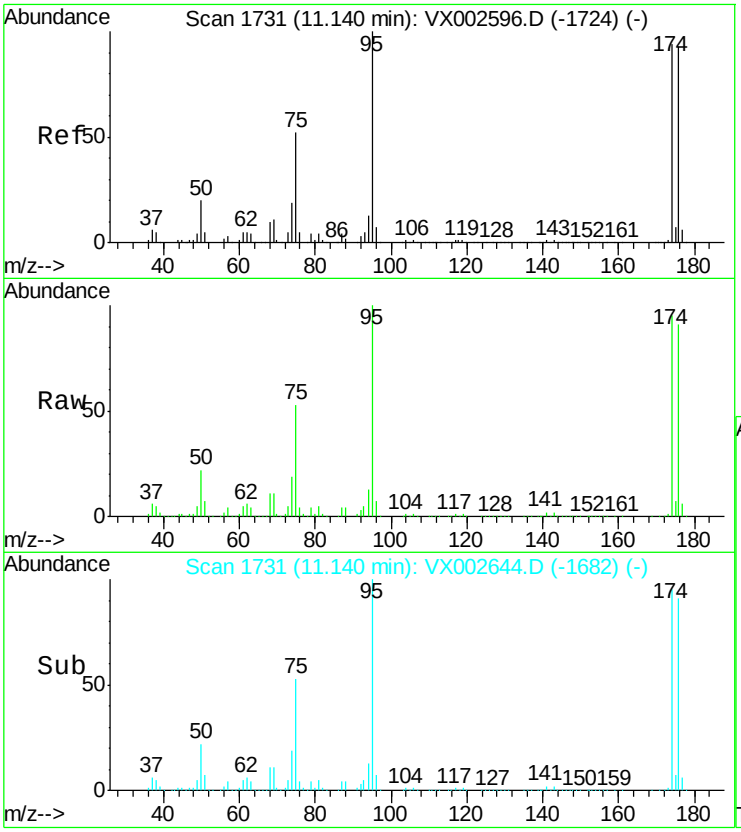


#60
Dibromochloromethane
Concen: 3.77 ug/l
RT: 9.60 min Scan# 1478
Delta R.T. 0.01 min
Lab File: VX002644.D
Acq: 16 Jun 2018 13:22

Tgt Ion:129 Resp: 40

Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.5	115.3#



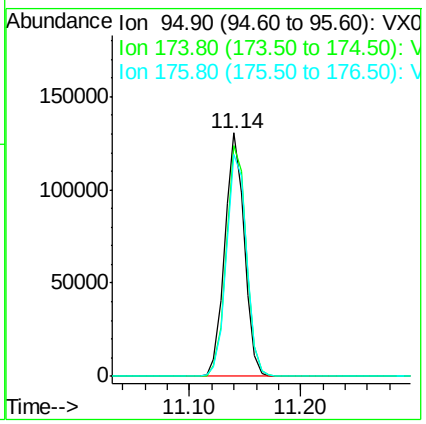


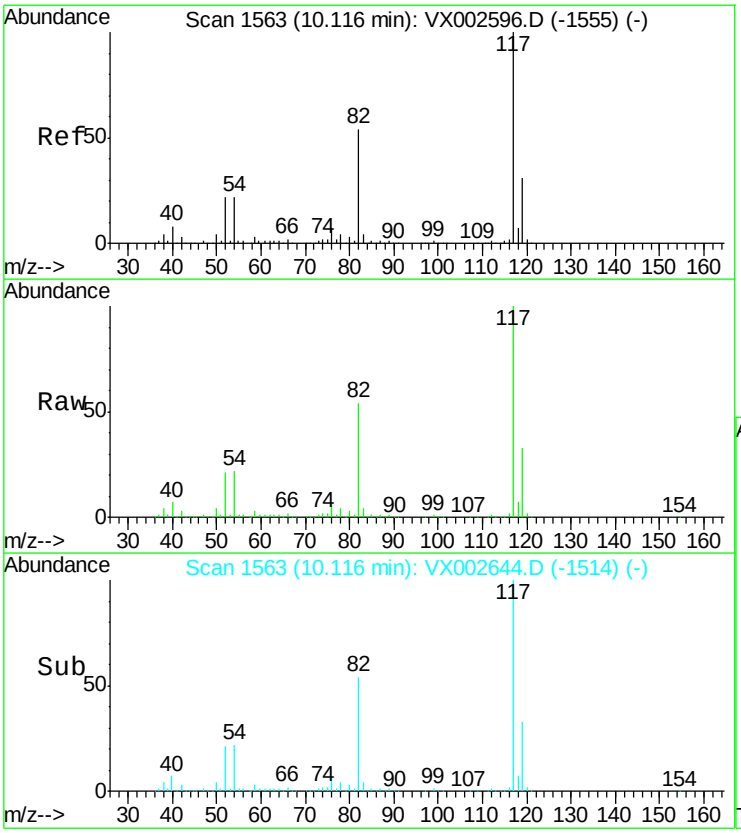
#62
4-Bromofluorobenzene
Concen: 44.31 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002644.D
Acq: 16 Jun 2018 13:22

Instrument :
MSVOA_X
ClientSampleId :
S36-0137

Tgt Ion: 95 Resp: 157992

Ion	Ratio	Lower	Upper
95	100		
174	97.2	0.0	187.4
176	94.3	0.0	181.0

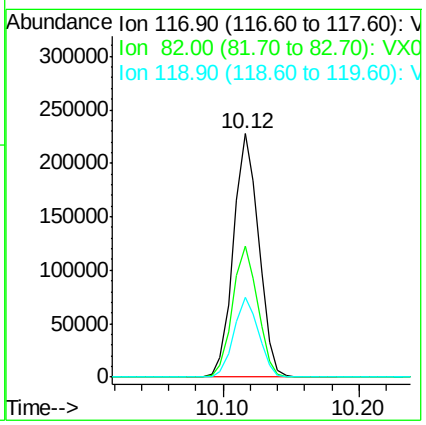


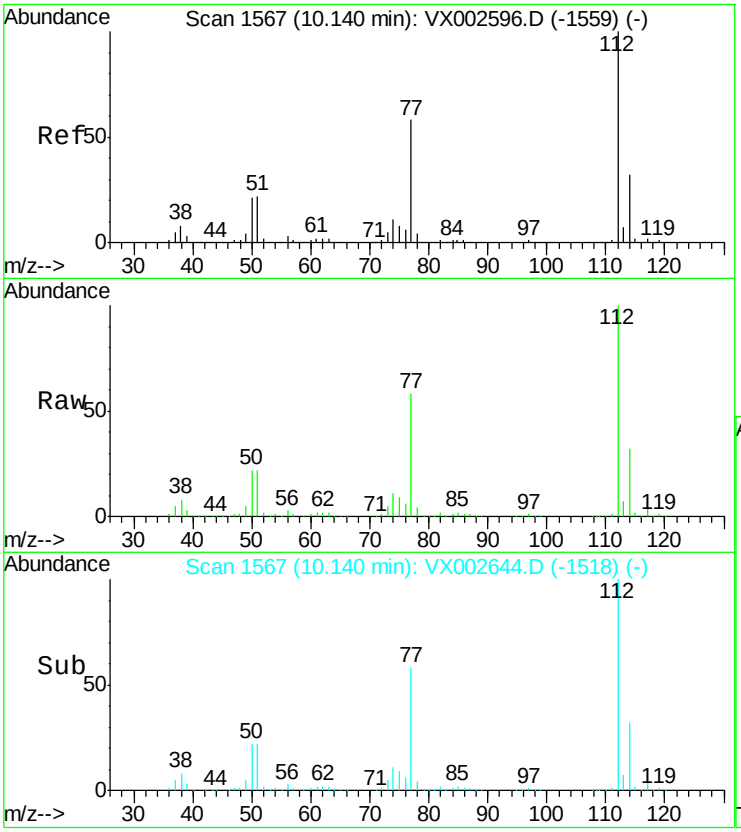


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002644.D
Acq: 16 Jun 2018 13:22

Tgt Ion:117 Resp: 294343

Ion	Ratio	Lower	Upper
117	100		
82	53.7	45.0	67.4
119	32.8	25.8	38.6



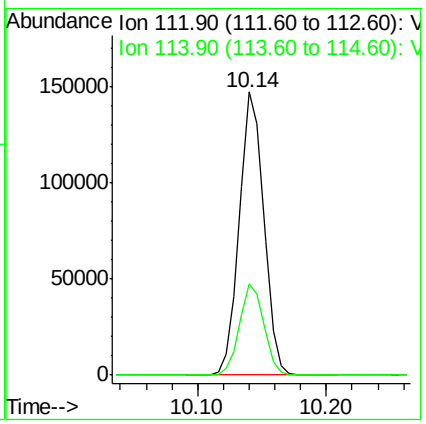


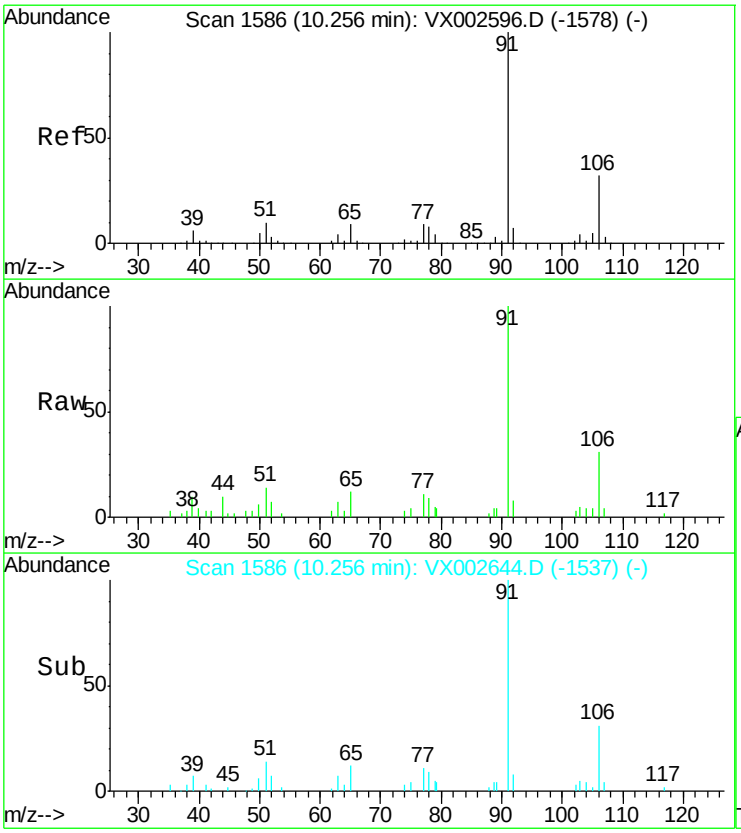
#65
Chlorobenzene
Concen: 26.81 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX002644.D
Acq: 16 Jun 2018 13:22

Instrument :
MSVOA_X
ClientSampleId :
S36-0137

Tgt Ion:112 Resp: 193823

Ion	Ratio	Lower	Upper
112	100		
114	32.2	25.3	37.9

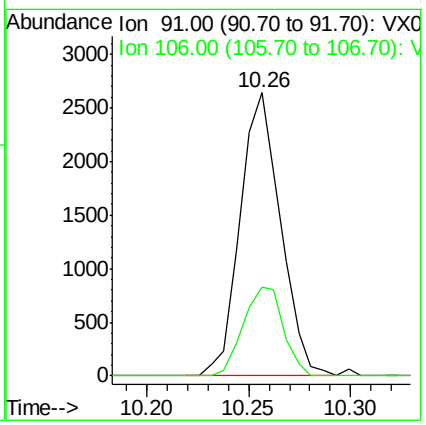


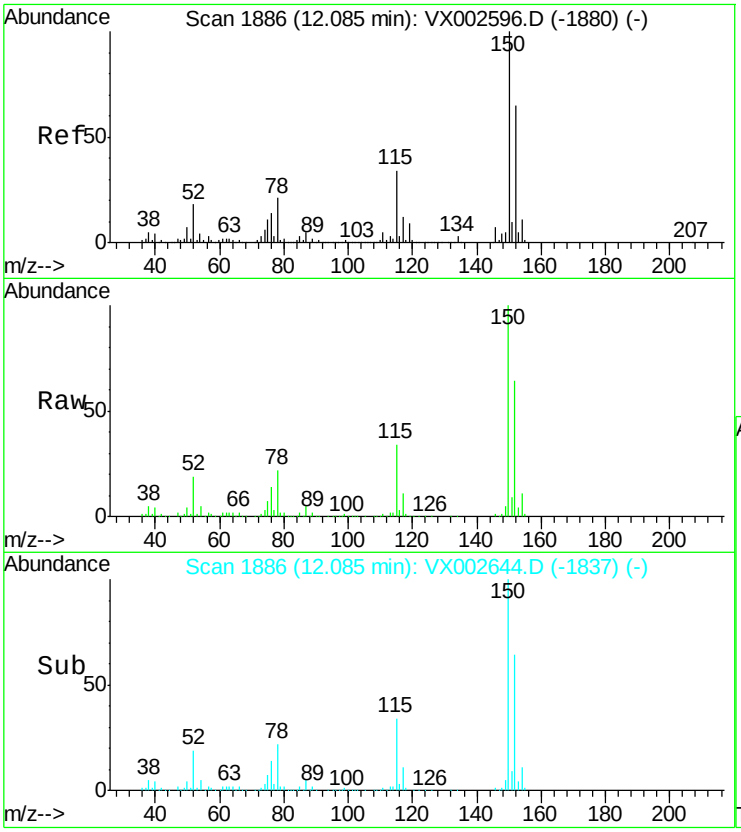


#67
Ethyl Benzene
Concen: 0.30 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX002644.D
Acq: 16 Jun 2018 13:22

Tgt Ion: 91 Resp: 3640

Ion	Ratio	Lower	Upper
91	100		
106	31.2	25.5	38.3



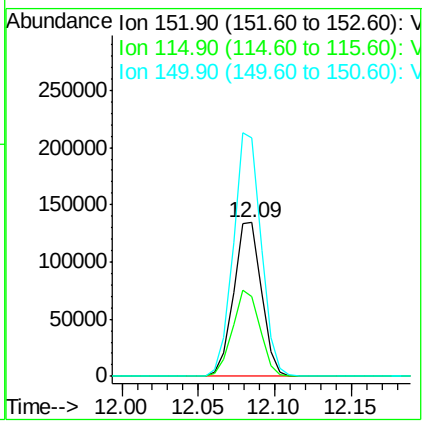


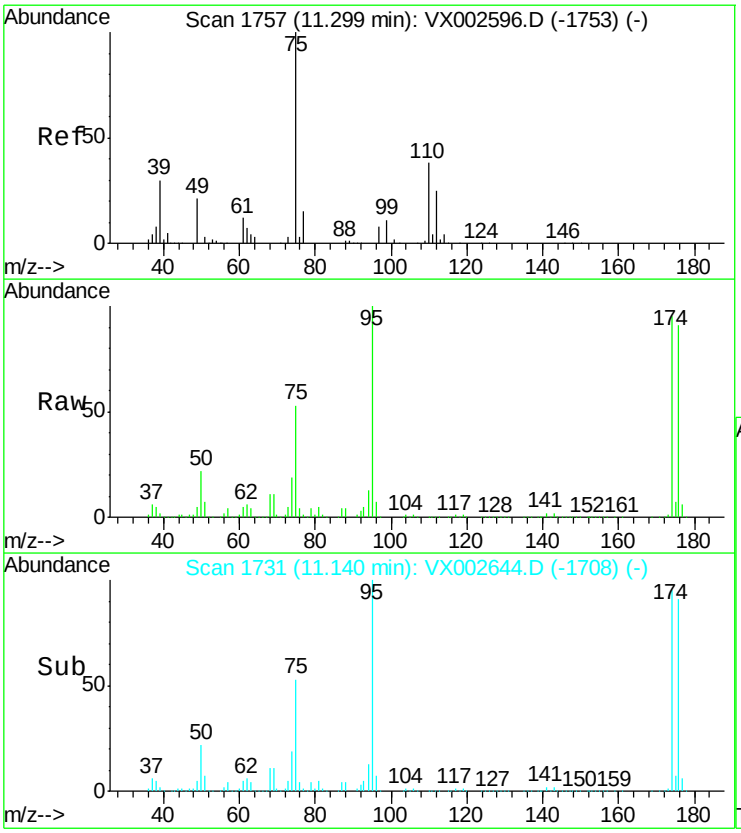
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX002644.D
Acq: 16 Jun 2018 13:22

Instrument : MSVOA_X
ClientSampleId : S36-0137

Tgt Ion:152 Resp: 170220

Ion	Ratio	Lower	Upper
152	100		
115	55.4	40.1	120.2
150	157.9	0.0	347.2

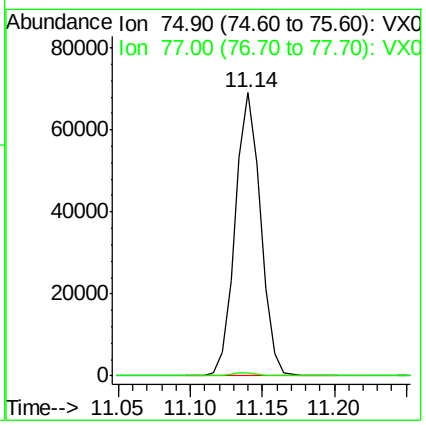


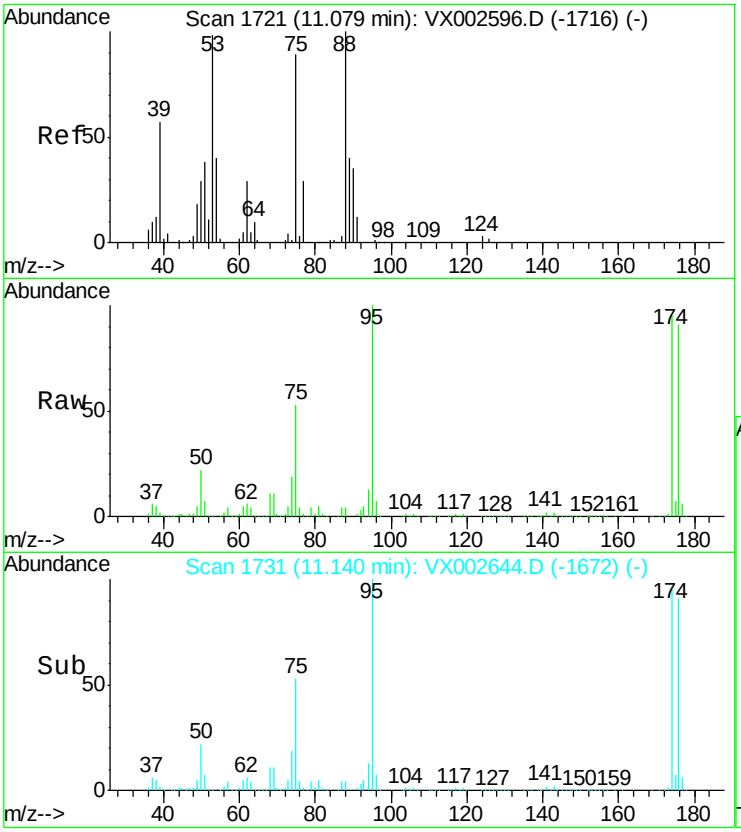


#76
1,2,3-Trichloropropane
Concen: 26.51 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX002644.D
Acq: 16 Jun 2018 13:22

Tgt Ion: 75 Resp: 85150

Ion	Ratio	Lower	Upper
75	100		
77	1.4	22.8	68.3#



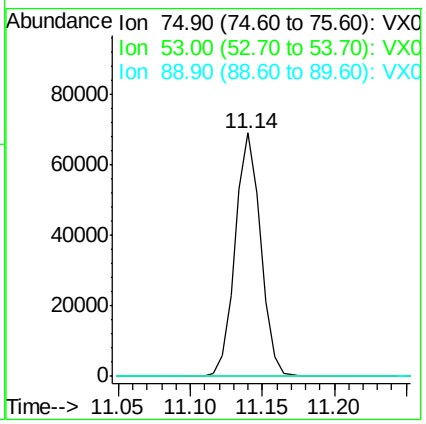


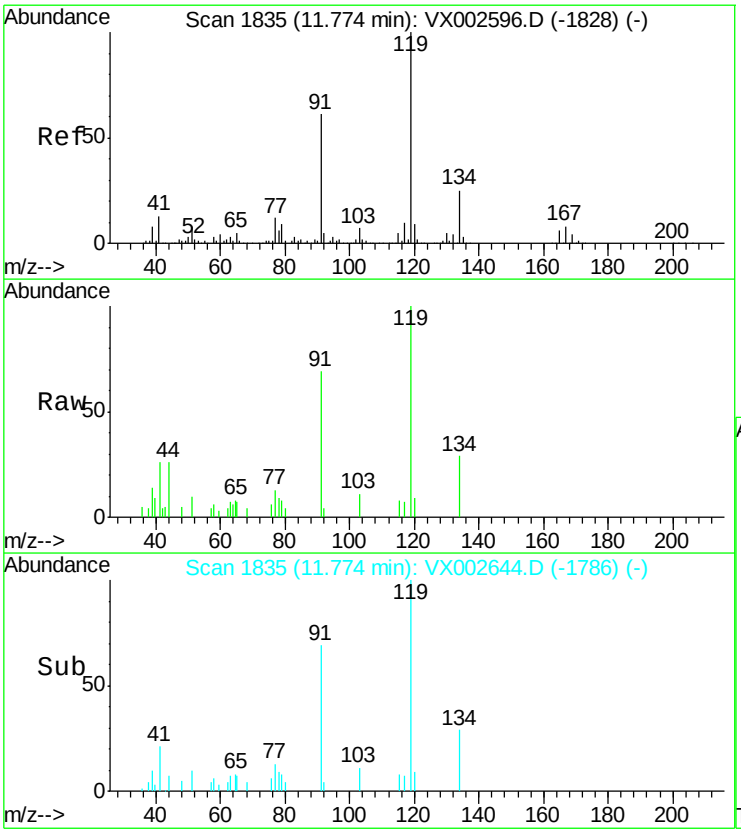
#81
trans-1,4-Dichloro-2-butene
Concen: 81.91 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX002644.D
Acq: 16 Jun 2018 13:22

Instrument :
MSVOA_X
ClientSampleId :
S36-0137

Tgt Ion: 75 Resp: 85150

Ion	Ratio	Lower	Upper
75	100		
53	0.1	86.8	130.2#
89	0.0	38.2	57.2#

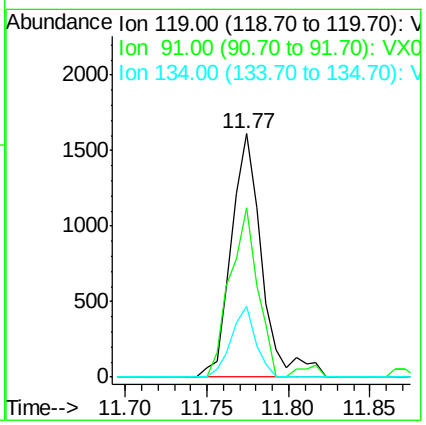


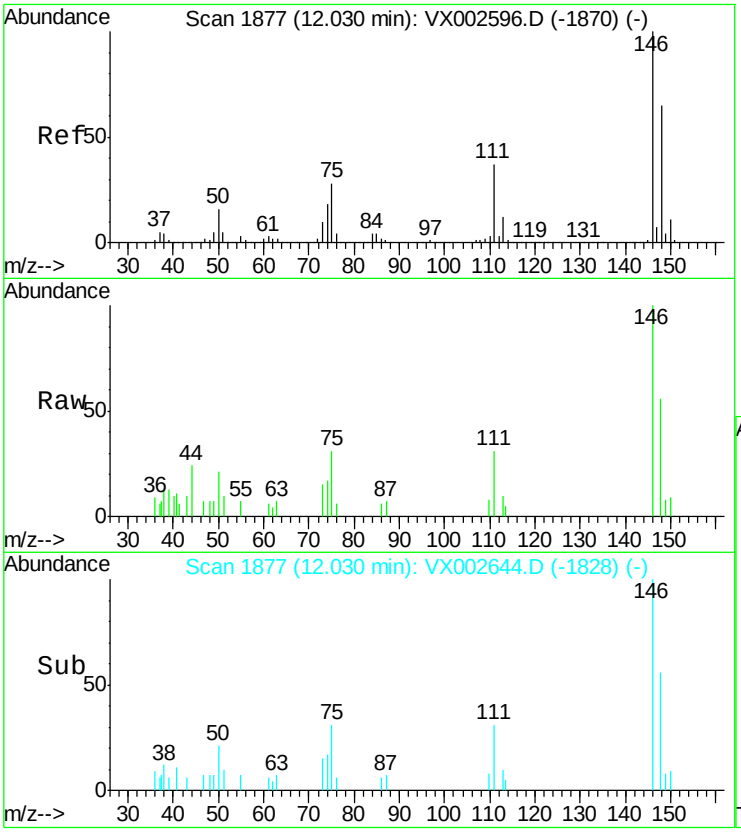


#83
tert-Butylbenzene
Concen: 0.23 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX002644.D
Acq: 16 Jun 2018 13:22

Tgt Ion:119 Resp: 2103

Ion	Ratio	Lower	Upper
119	100		
91	63.1	30.3	90.9
134	23.2	11.7	35.1



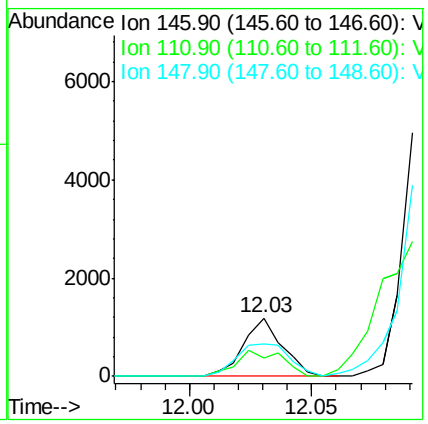


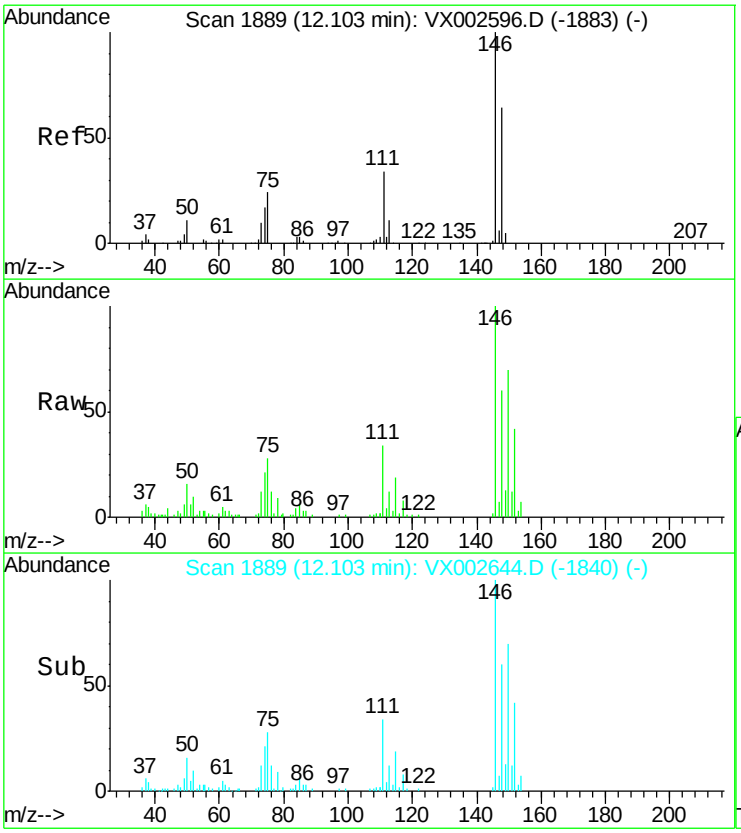
#87
1,3-Dichlorobenzene
Concen: 0.23 ug/l
RT: 12.03 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX002644.D
Acq: 16 Jun 2018 13:22

Instrument :
MSVOA_X
ClientSampleId :
S36-0137

Tgt Ion:146 Resp: 1322

Ion	Ratio	Lower	Upper
146	100		
111	51.9	18.9	56.7
148	77.0	32.1	96.3

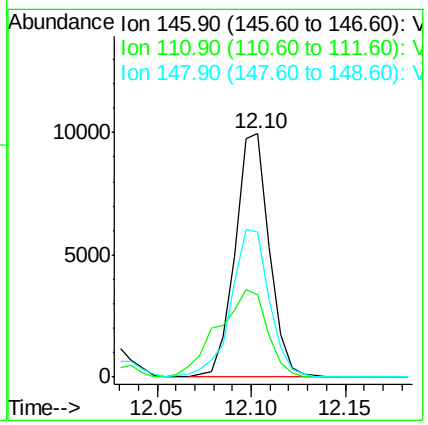


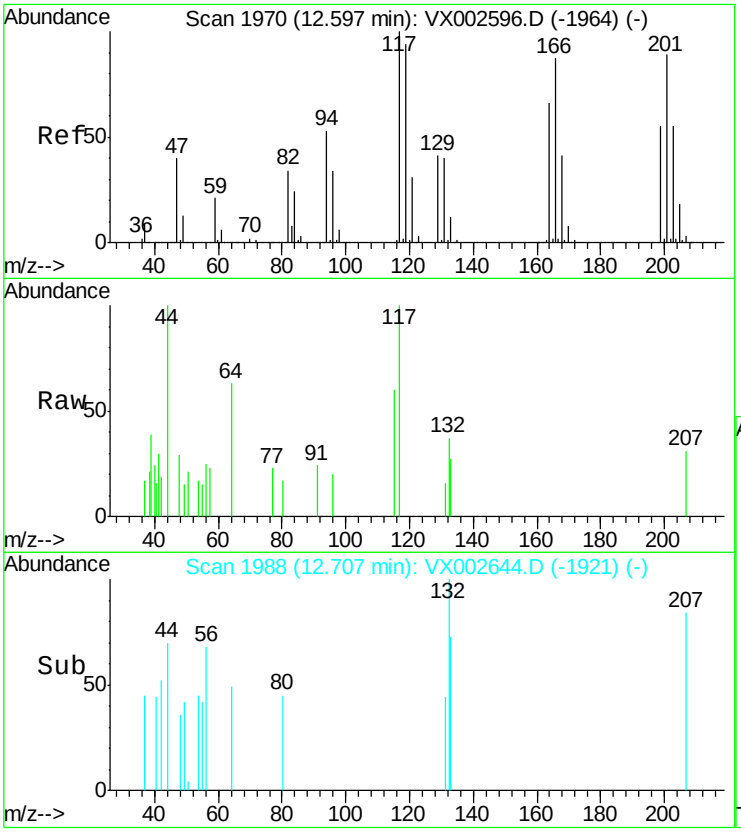


#88
1,4-Dichlorobenzene
Concen: 2.12 ug/l
RT: 12.10 min Scan# 1889
Delta R.T. 0.00 min
Lab File: VX002644.D
Acq: 16 Jun 2018 13:22

Tgt Ion:146 Resp: 12539

Ion	Ratio	Lower	Upper
146	100		
111	51.6	18.7	56.1
148	67.9	32.4	97.0



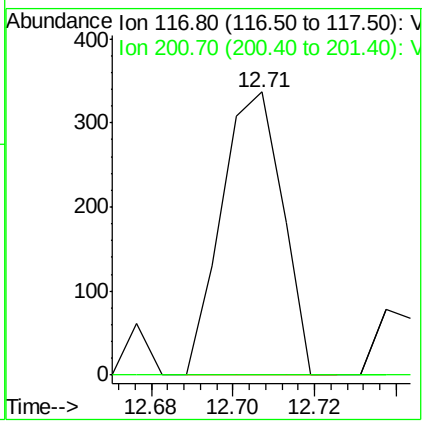


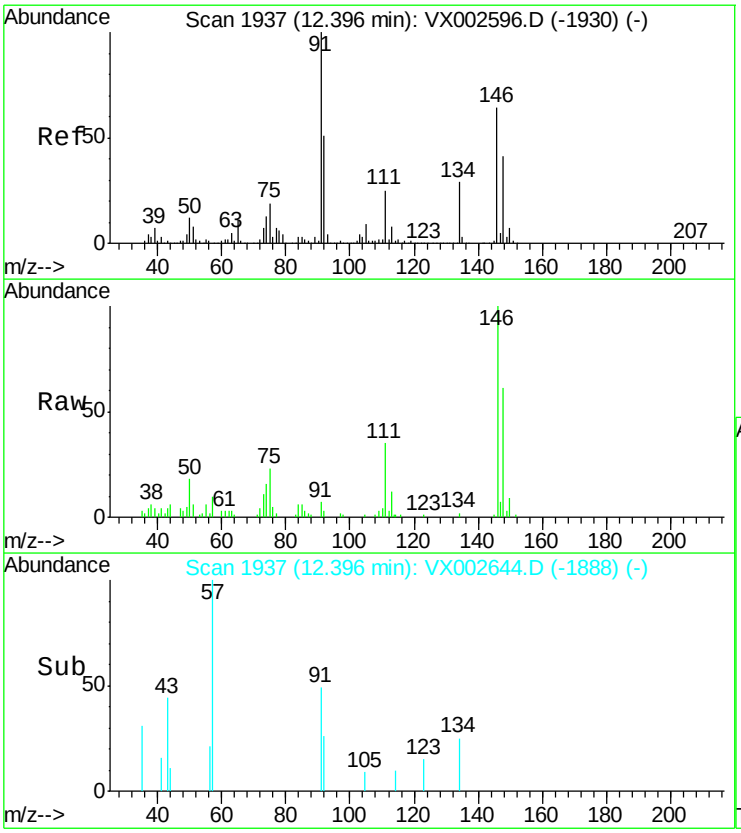
#90
Hexachloroethane
Concen: 2.83 ug/l
RT: 12.71 min Scan# 1988
Delta R.T. 0.11 min
Lab File: VX002644.D
Acq: 16 Jun 2018 13:22

Instrument : MSVOA_X
ClientSampleId : S36-0137

Tgt Ion:117 Resp: 350

Ion	Ratio	Lower	Upper
117	100		
201	0.0	49.0	147.0#





#91
1,2-Dichlorobenzene
Concen: 1.20 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX002644.D
Acq: 16 Jun 2018 13:22

Tgt Ion:146 Resp: 7026

Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.4	58.1
148	63.4	31.7	95.1