Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061518\
Data File : VX002642.D
Acq On : 16 Jun 2018 12:29
Operator : JC/MD
Sample : J3477-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 53 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : S36-0133

Quant Time: Jun 18 06:10:58 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	212442	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	303203	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	286776	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	165290	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	145240	44.99	ug/l		0.00
Spiked Amount 50.000			Recovery = 89.98%				
35) Dibromofluoromethane	5.51	113	111051	45.89	ug/l		0.00
Spiked Amount 50.000			Recovery = 91.78%				
50) Toluene-d8	8.72	98	434202	47.26	ug/l		0.00
Spiked Amount 50.000			Recovery = 94.52%				
62) 4-Bromofluorobenzene	11.14	95	153503	44.09	ug/l		0.00
Spiked Amount 50.000			Recovery = 88.18%				
Target Compounds							Qvalue
4) Vinyl Chloride	1.40	62	35352	12.70	ug/l	#	87
5) Bromomethane	1.65	94	1135	0.68	ug/l	#	62
6) Chloroethane	1.73	64	974	0.53	ug/l	#	53
10) Methyl Iodide	2.53	142	1697	5.63	ug/l		97
11) Tert butyl alcohol	3.07	59	597	0.89	ug/l	#	52
12) 1,1-Dichloroethene	2.38	96	867	0.37	ug/l	#	73
13) Acrolein	2.30	56	107	7.20	ug/l	#	14
16) Acetone	2.45	43	8780	6.16	ug/l		98
17) Carbon Disulfide	2.57	76	1218	0.22	ug/l		99
18) Methyl Acetate	2.78	43	2393	0.63	ug/l		98
21) trans-1,2-Dichloroethene	3.17	96	19203	7.46	ug/l		94
27) cis-1,2-Dichloroethene	4.60	96	36821	14.05	ug/l		87
29) Tetrahydrofuran	5.17	42	530	0.43	ug/l	#	74
31) Cyclohexane	5.59	56	770	0.20	ug/l	#	84
36) 1,1-Dichloropropene	5.67	75	14915	4.63	ug/l	#	51
37) Ethyl Acetate	4.87	43	1741	0.48	ug/l	#	78
38) Carbon Tetrachloride	5.67	117	19504	6.08	ug/l	#	16
40) Benzene	6.15	78	20031	2.07	ug/l		93
44) Trichloroethene	7.21	130	1624	0.58	ug/l		90
53) t-1,3-Dichloropropene	8.43	75	76	2.41	ug/l	#	43
54) cis-1,3-Dichloropropene	9.06	75	38	3.22	ug/l	#	32
59) 2-Hexanone	9.31	43	642	0.22	ug/l		78
60) Dibromochloromethane	9.78	129	20	3.77	ug/l	#	11
65) Chlorobenzene	10.14	112	172059	24.43	ug/l		99
68) m/p-Xylenes	10.36	106	1021	0.22	ug/l		87
76) 1,2,3-Trichloropropane	11.14	75	83798	26.87	ug/l	#	33
81) trans-1,4-Dichloro-2-buten	11.14	75	83798	82.96	ug/l	#	7
87) 1,3-Dichlorobenzene	12.03	146	2584	0.46	ug/l		92
88) 1,4-Dichlorobenzene	12.03	146	2584	0.45	ug/l		92
90) Hexachloroethane	12.67	117	120	2.70	ug/l	#	1
91) 1,2-Dichlorobenzene	12.40	146	13607	2.39	ug/l		98

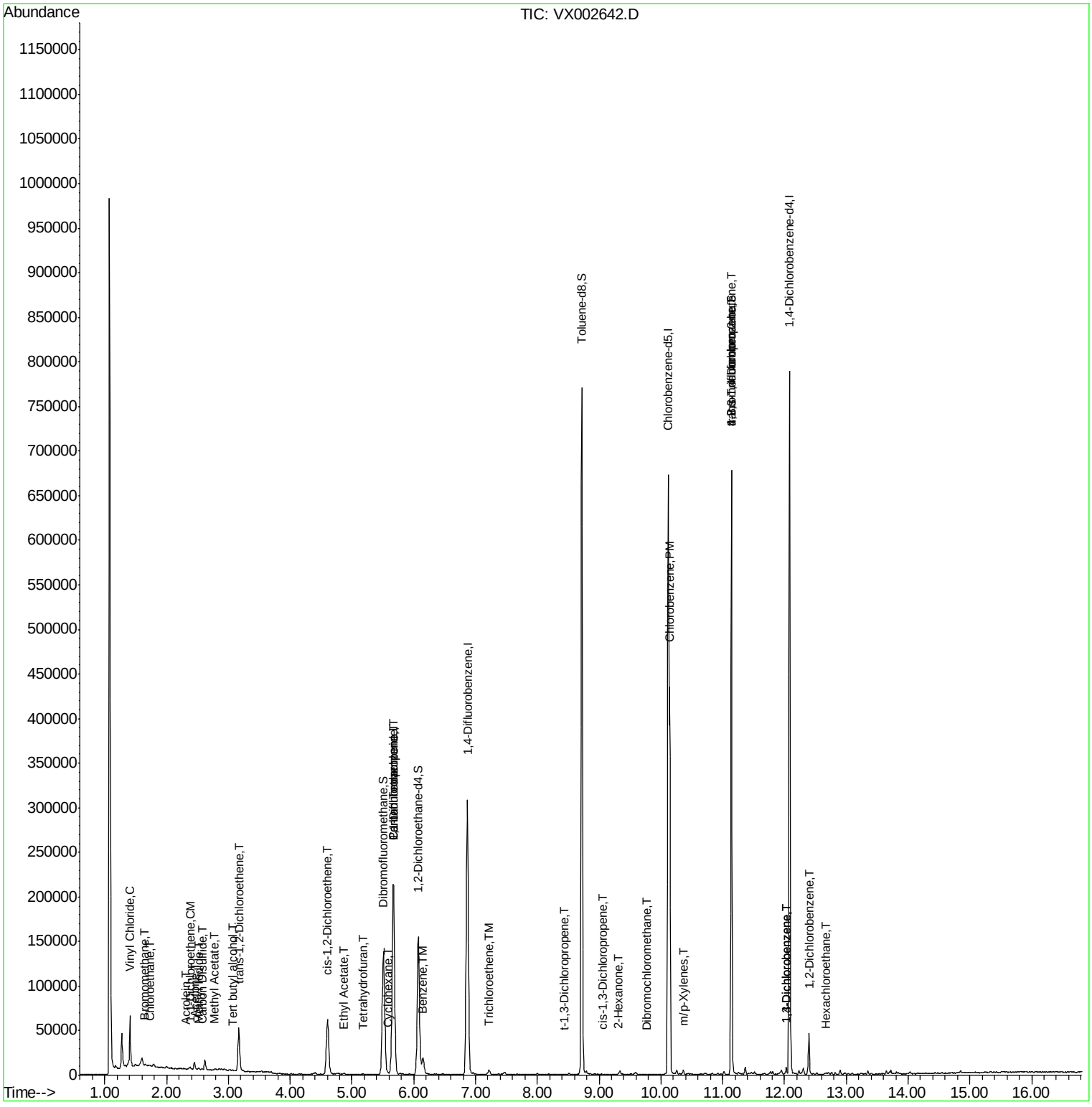
(#) = qualifier out of range (m) = manual integration (+) = signals summed

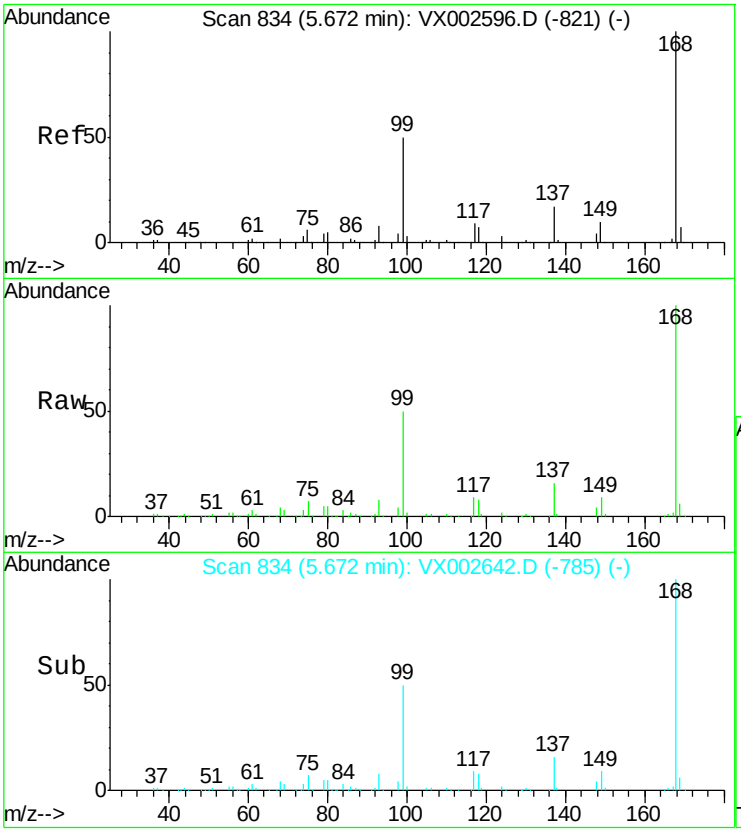
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061518\
Data File : VX002642.D
Acq On : 16 Jun 2018 12:29
Operator : JC/MD
Sample : J3477-07
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 53 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
S36-0133

Quant Time: Jun 18 06:10:58 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



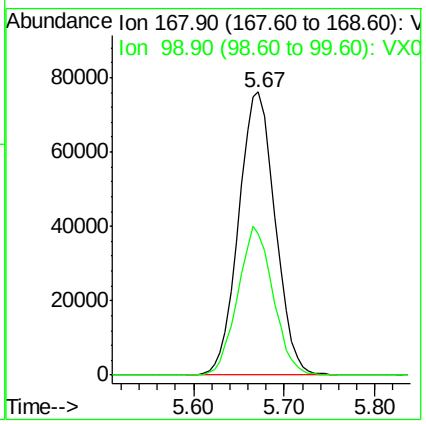


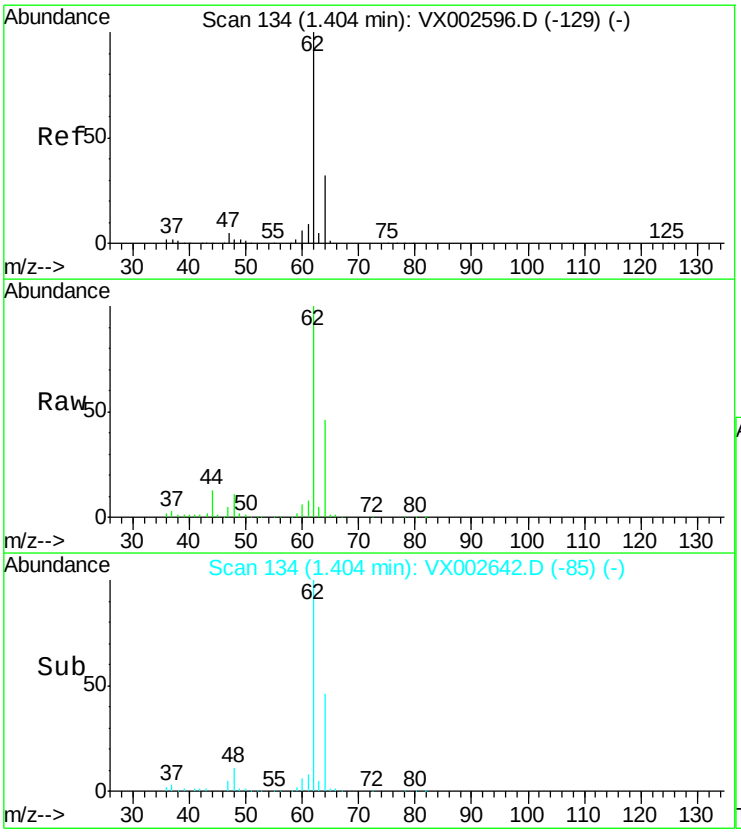
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.00 min
Lab File: VX002642.D
Acq: 16 Jun 2018 12:29

Instrument :
MSVOA_X
ClientSampleId :
S36-0133

Tgt Ion:168 Resp: 212442

Ion	Ratio	Lower	Upper
168	100		
99	50.1	39.3	58.9

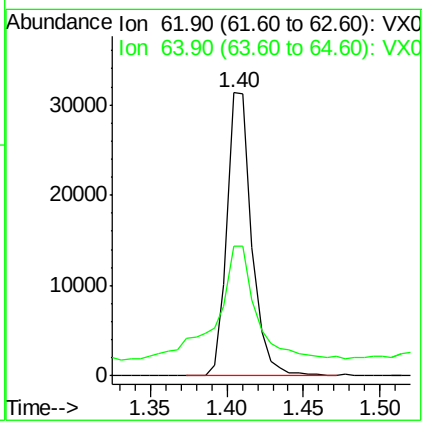


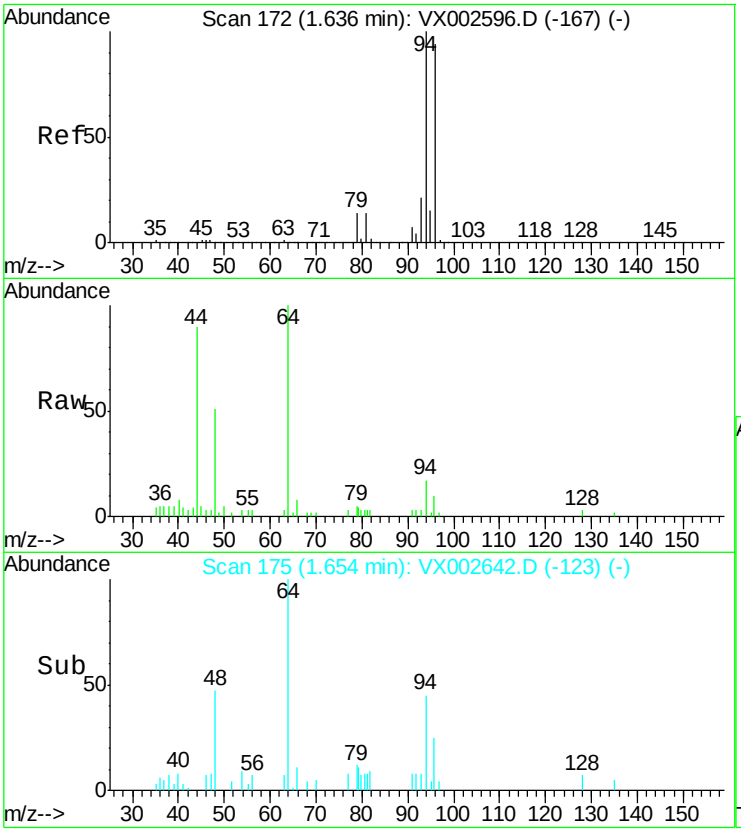


#4
Vinyl Chloride
Concen: 12.70 ug/l
RT: 1.40 min Scan# 134
Delta R.T. 0.00 min
Lab File: VX002642.D
Acq: 16 Jun 2018 12:29

Tgt Ion: 62 Resp: 35352

Ion	Ratio	Lower	Upper
62	100		
64	38.9	25.4	38.2#



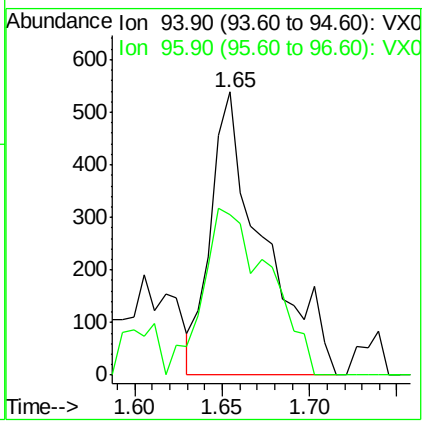


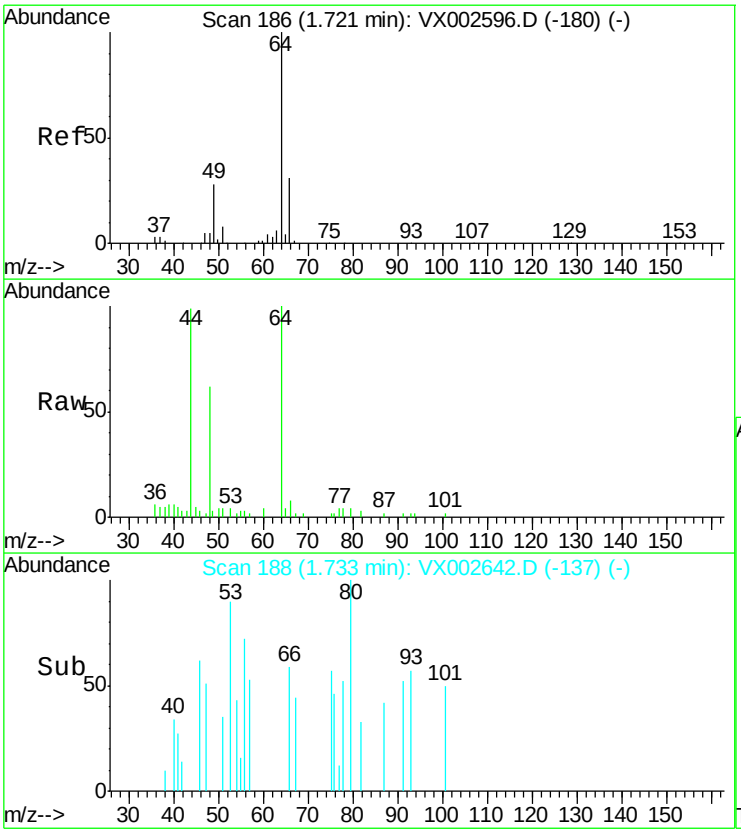
#5
Bromomethane
Concen: 0.68 ug/l
RT: 1.65 min Scan# 175
Delta R.T. 0.02 min
Lab File: VX002642.D
Acq: 16 Jun 2018 12:29

Instrument :
MSVOA_X
ClientSampleId :
S36-0133

Tgt Ion: 94 Resp: 1135

Ion	Ratio	Lower	Upper
94	100		
96	56.9	74.9	112.3#

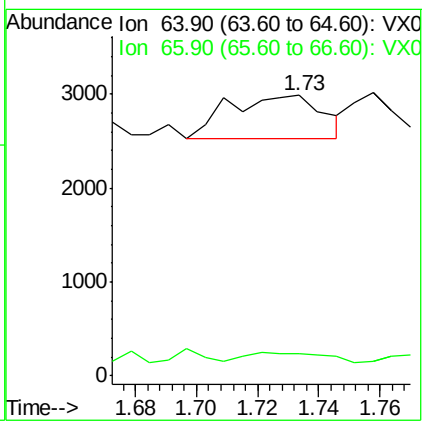


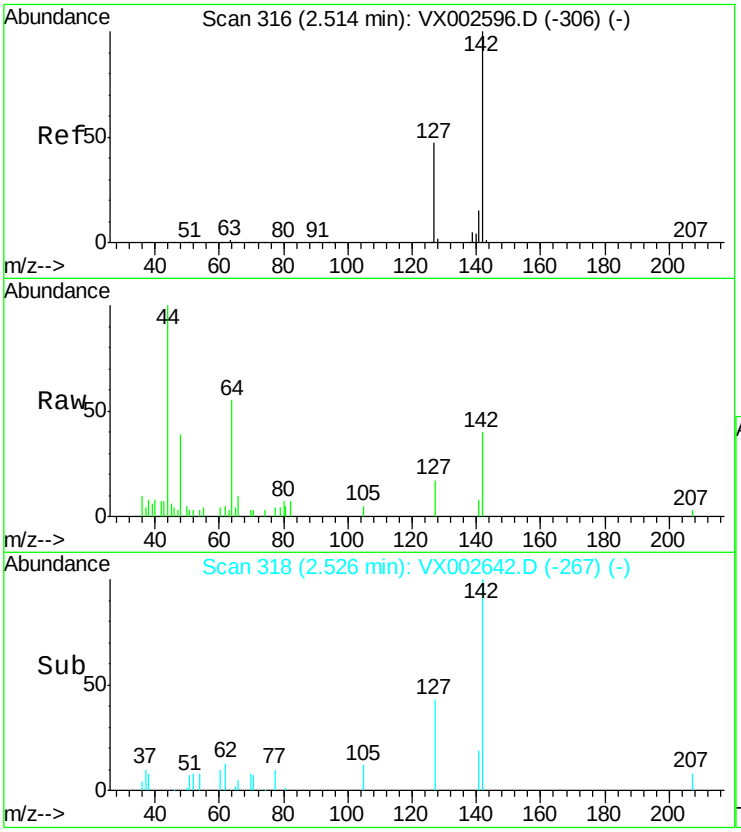


#6
Chloroethane
Concen: 0.53 ug/l
RT: 1.73 min Scan# 188
Delta R.T. 0.01 min
Lab File: VX002642.D
Acq: 16 Jun 2018 12:29

Tgt Ion: 64 Resp: 974

Ion	Ratio	Lower	Upper
64	100		
66	6.0	25.5	38.3#



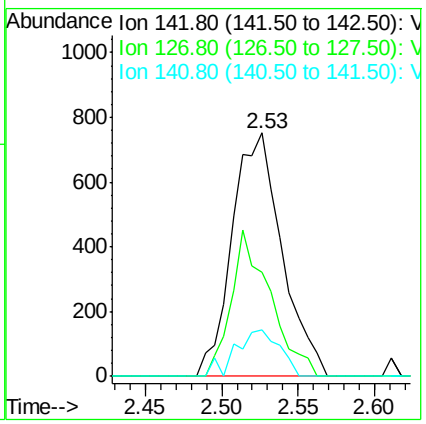


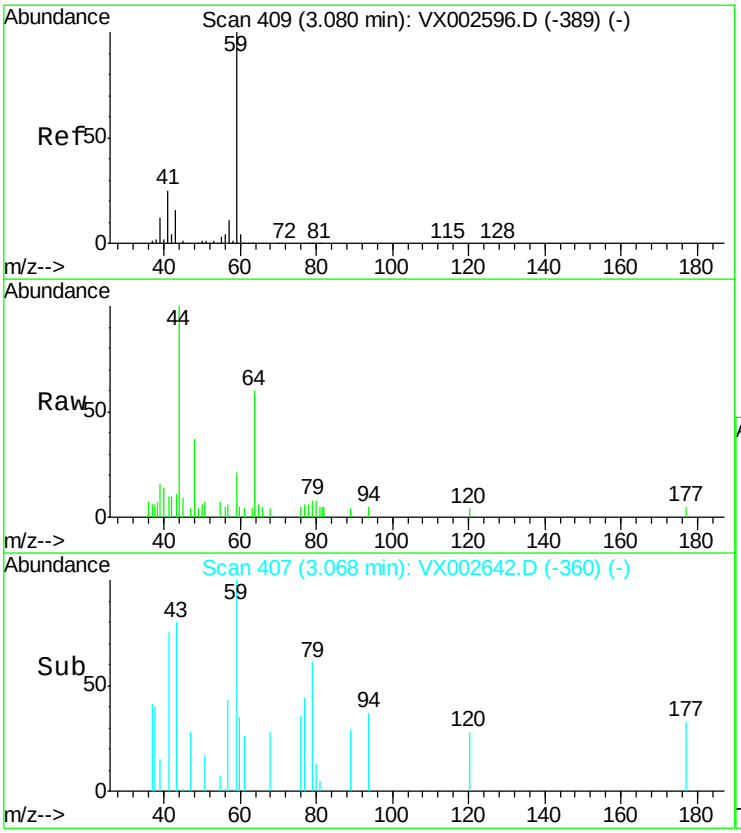
#10
Methyl Iodide
Concen: 5.63 ug/l
RT: 2.53 min Scan# 318
Delta R.T. 0.01 min
Lab File: VX002642.D
Acq: 16 Jun 2018 12:29

Instrument : MSVOA_X
ClientSampleId : S36-0133

Tgt Ion:142 Resp: 1697

Ion	Ratio	Lower	Upper
142	100		
127	47.1	36.6	55.0
141	16.7	11.3	16.9

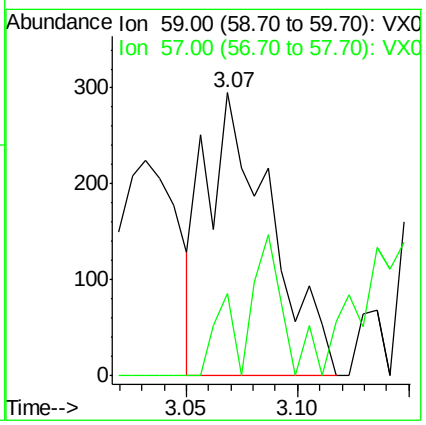


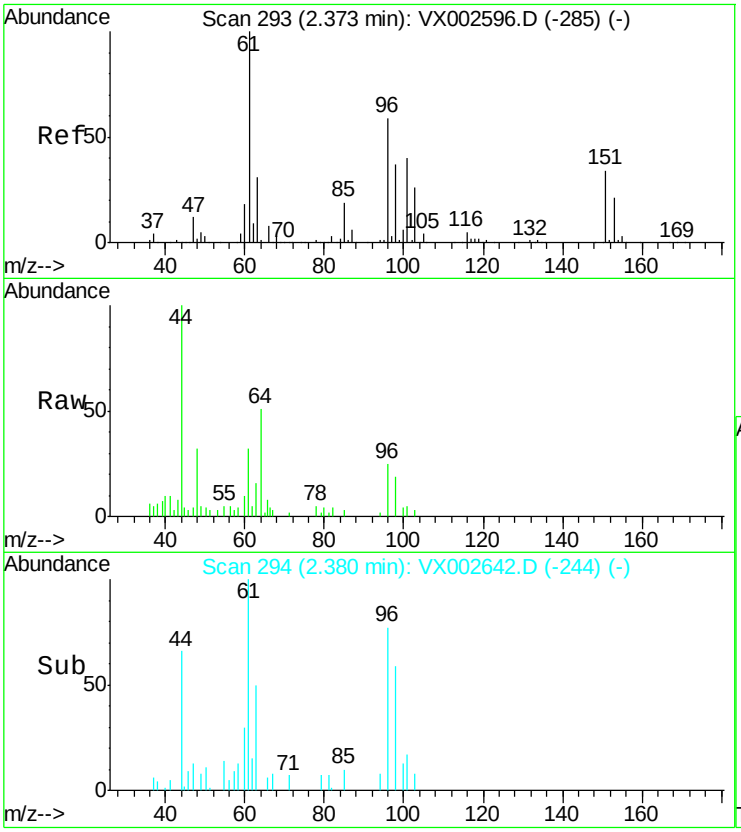


#11
Tert butyl alcohol
Concen: 0.89 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.01 min
Lab File: VX002642.D
Acq: 16 Jun 2018 12:29

Tgt Ion: 59 Resp: 597

Ion	Ratio	Lower	Upper
59	100		
57	28.1	8.2	12.2#



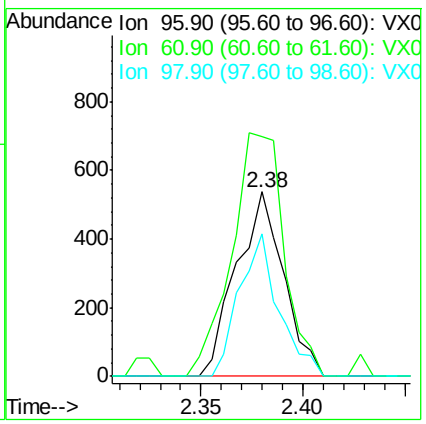


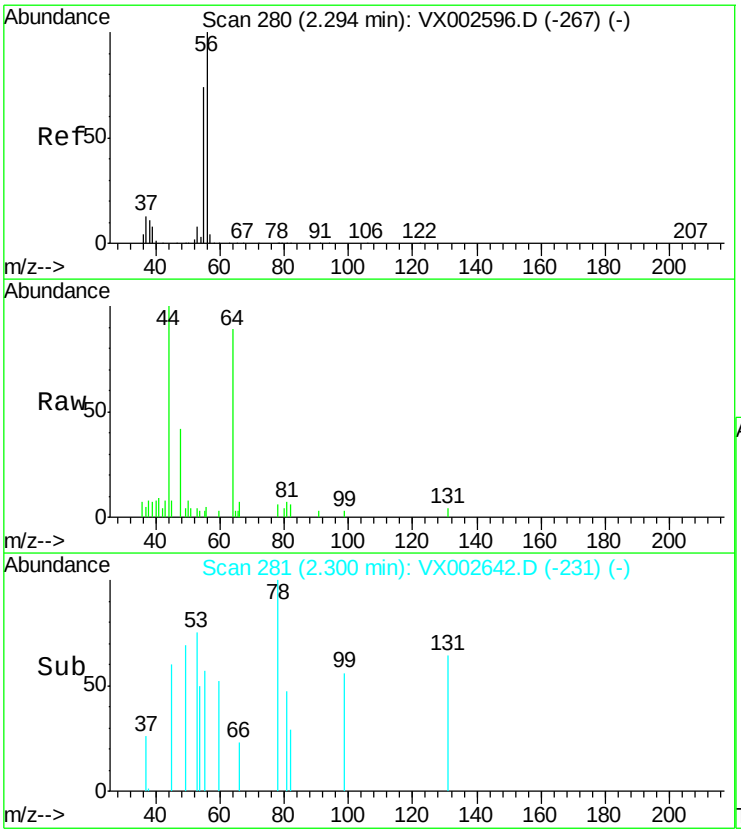
#12
1,1-Dichloroethene
Concen: 0.37 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.01 min
Lab File: VX002642.D
Acq: 16 Jun 2018 12:29

Instrument : MSVOA_X
ClientSampleId : S36-0133

Tgt Ion: 96 Resp: 867

Ion	Ratio	Lower	Upper
96	100		
61	130.1	137.9	206.9#
98	77.3	51.6	77.4

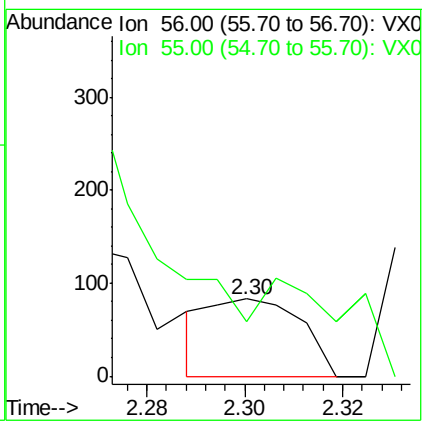


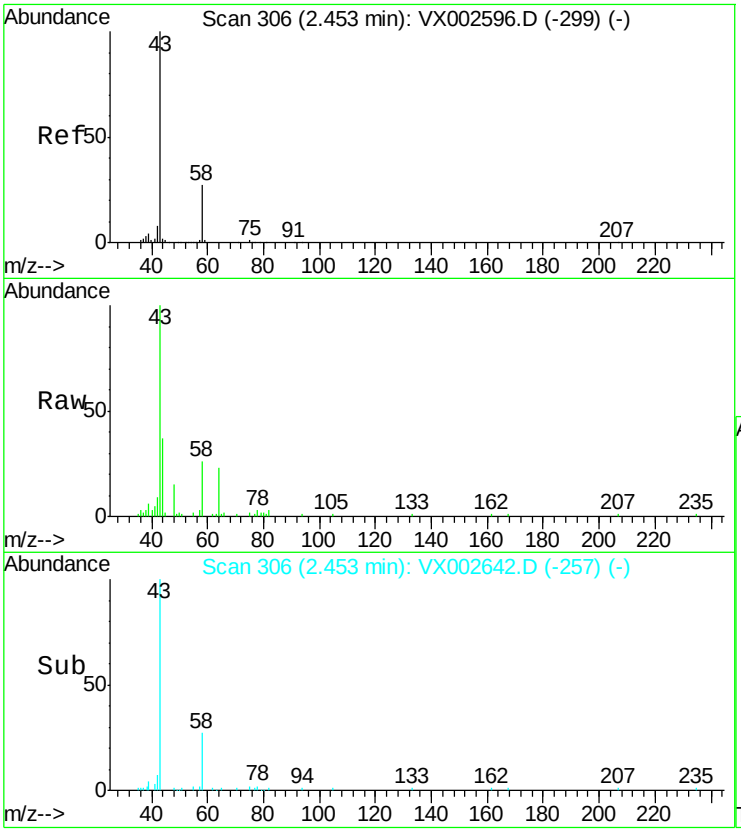


#13
Acrolein
Concen: 7.20 ug/l
RT: 2.30 min Scan# 281
Delta R.T. 0.01 min
Lab File: VX002642.D
Acq: 16 Jun 2018 12:29

Tgt Ion: 56 Resp: 107

Ion	Ratio	Lower	Upper
56	100		
55	0.0	57.0	85.4#



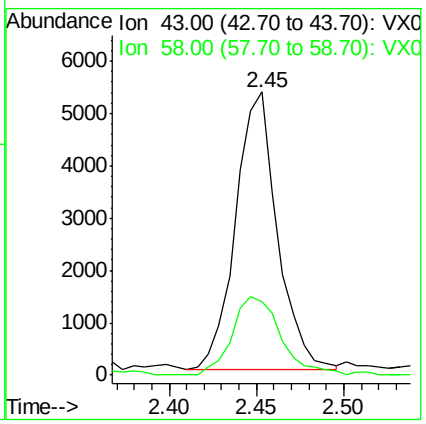


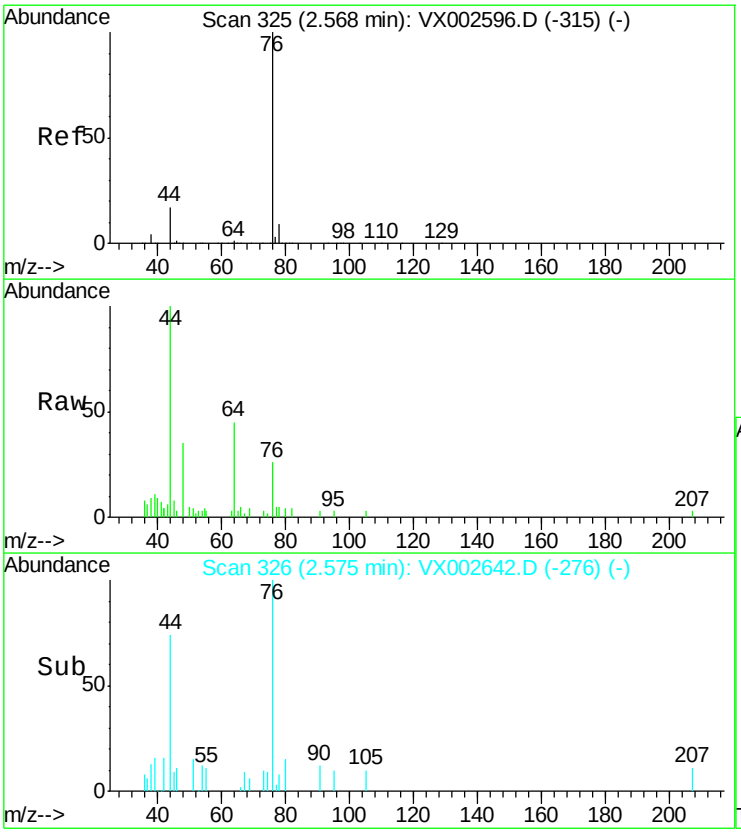
#16
Acetone
Concen: 6.16 ug/l
RT: 2.45 min Scan# 306
Delta R.T. 0.00 min
Lab File: VX002642.D
Acq: 16 Jun 2018 12:29

Instrument :
MSVOA_X
ClientSampleId :
S36-0133

Tgt Ion: 43 Resp: 8780

Ion	Ratio	Lower	Upper
43	100		
58	26.4	22.1	33.1

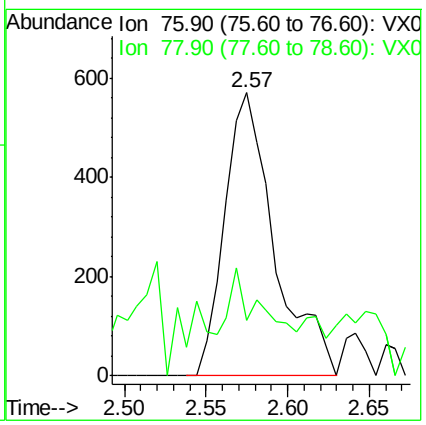


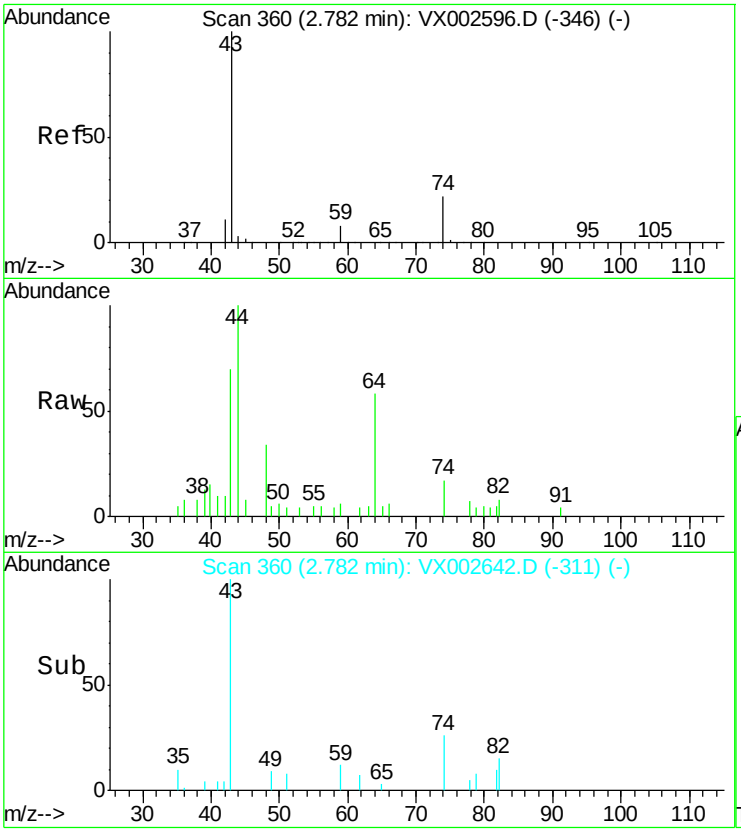


#17
Carbon Disulfide
Concen: 0.22 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.01 min
Lab File: VX002642.D
Acq: 16 Jun 2018 12:29

Tgt Ion: 76 Resp: 1218

Ion	Ratio	Lower	Upper
76	100		
78	9.1	6.9	10.3



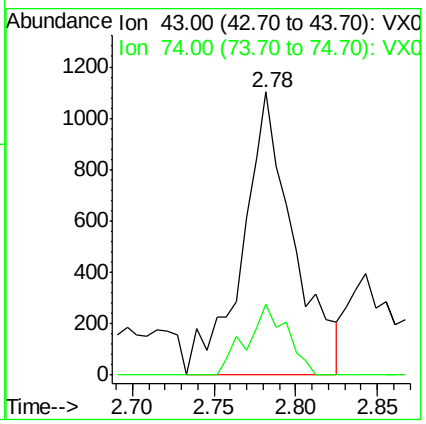


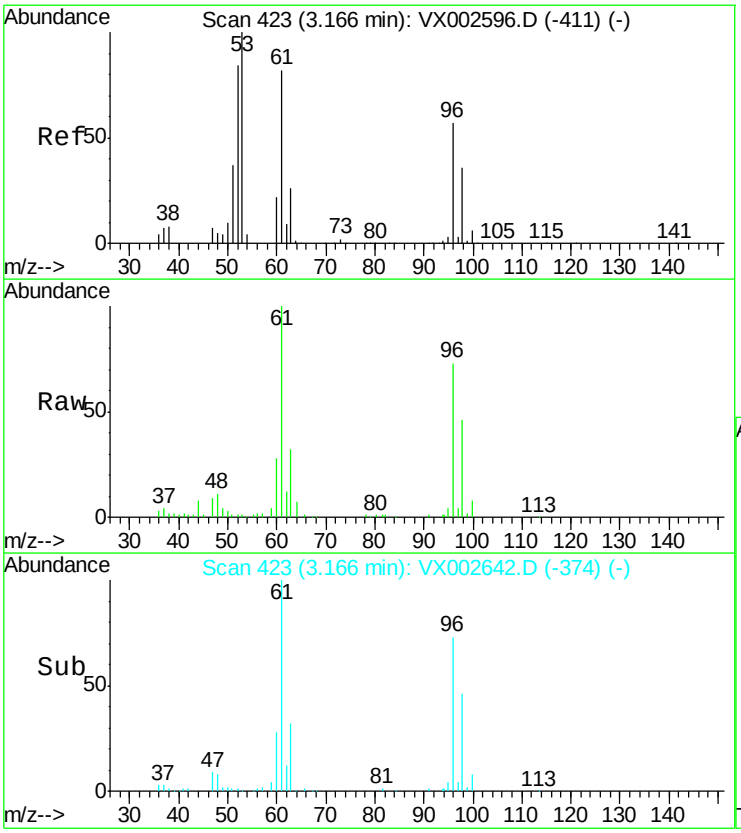
#18
Methyl Acetate
Concen: 0.63 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX002642.D
Acq: 16 Jun 2018 12:29

Instrument : MSVOA_X
ClientSampleId : S36-0133

Tgt Ion: 43 Resp: 2393

Ion	Ratio	Lower	Upper
43	100		
74	20.1	16.7	25.1

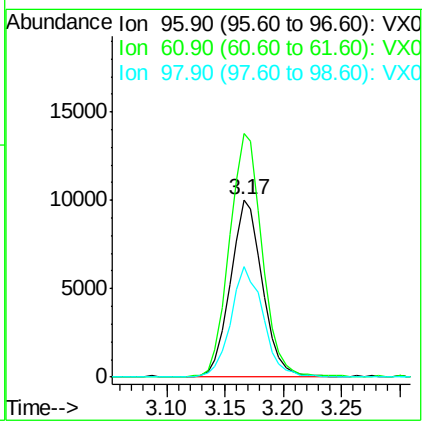


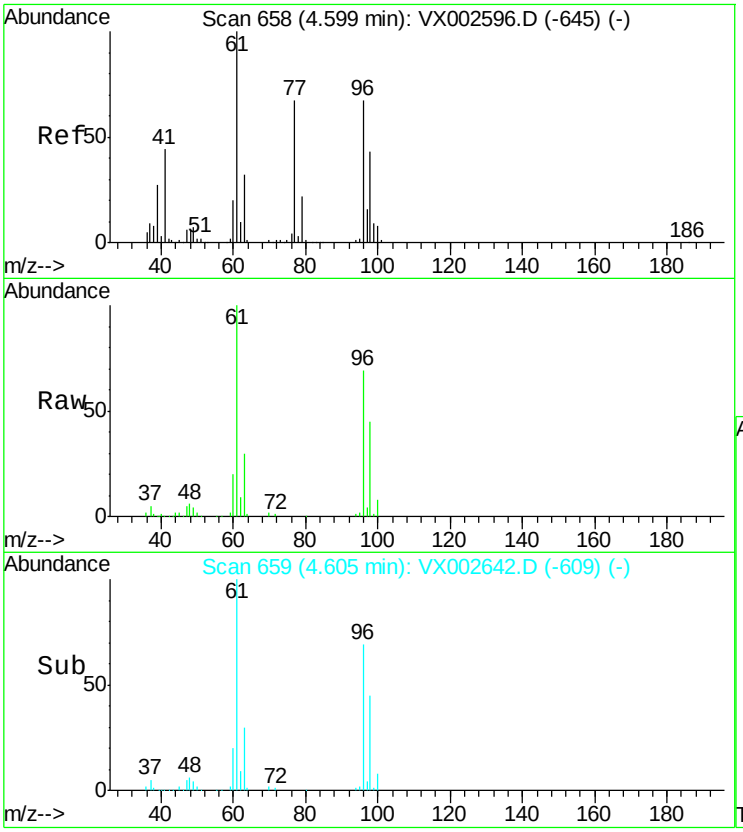


#21
trans-1,2-Dichloroethene
Concen: 7.46 ug/l
RT: 3.17 min Scan# 423
Delta R.T. 0.00 min
Lab File: VX002642.D
Acq: 16 Jun 2018 12:29

Tgt Ion: 96 Resp: 19203

Ion	Ratio	Lower	Upper
96	100		
61	137.2	117.0	175.4
98	62.6	52.4	78.6



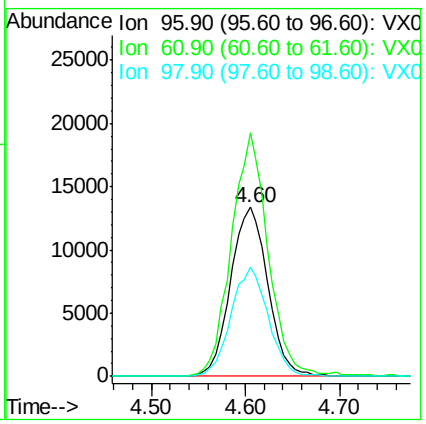


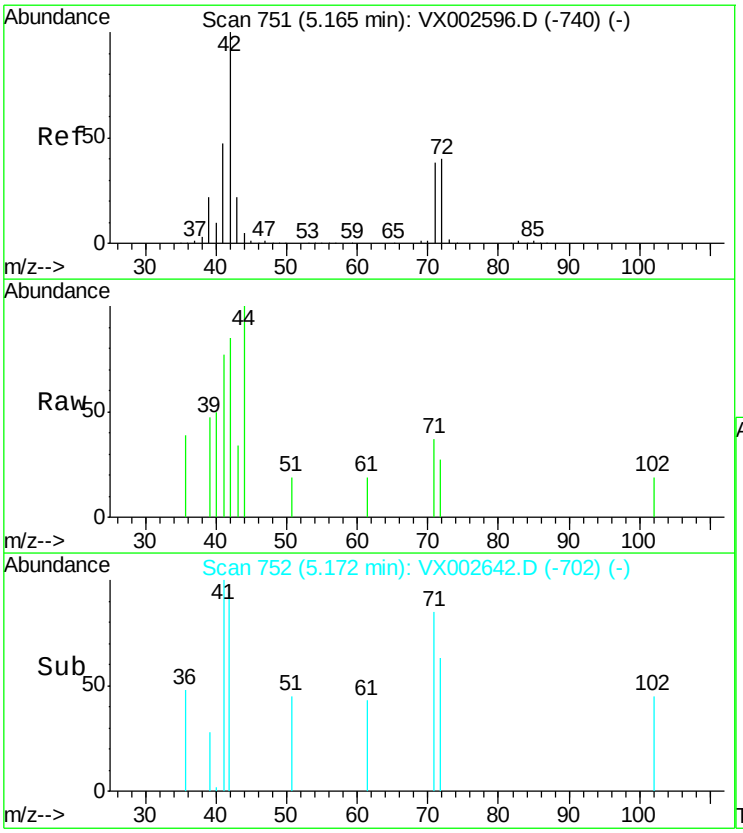
#27
cis-1,2-Dichloroethene
Concen: 14.05 ug/l
RT: 4.60 min Scan# 659
Delta R.T. 0.01 min
Lab File: VX002642.D
Acq: 16 Jun 2018 12:29

Instrument :
MSVOA_X
ClientSampleId :
S36-0133

Tgt Ion: 96 Resp: 36821

Ion	Ratio	Lower	Upper
96	100		
61	141.4	0.0	330.2
98	64.6	0.0	130.2

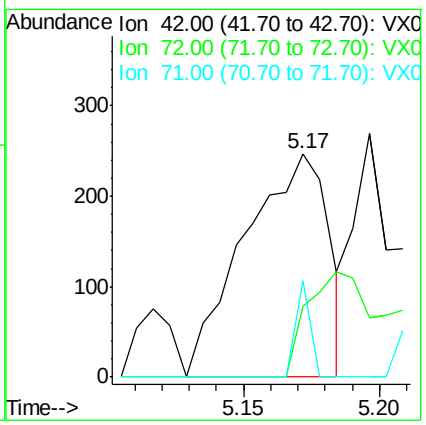


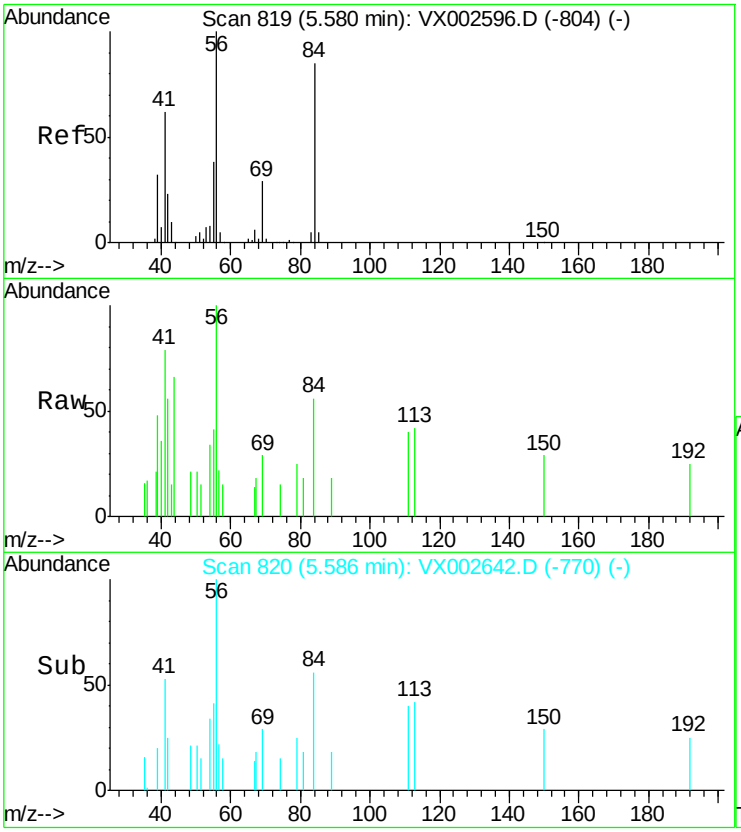


#29
Tetrahydrofuran
Concen: 0.43 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX002642.D
Acq: 16 Jun 2018 12:29

Tgt Ion: 42 Resp: 530

Ion	Ratio	Lower	Upper
42	100		
72	41.9	32.0	48.0
71	7.4	30.1	45.1#



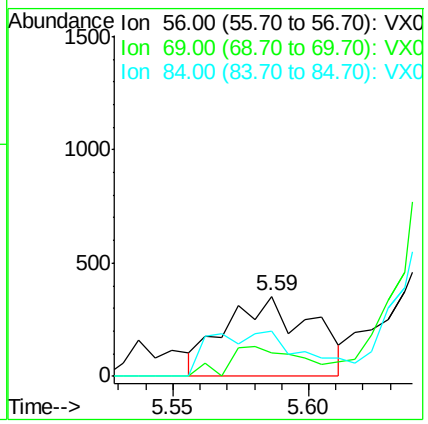


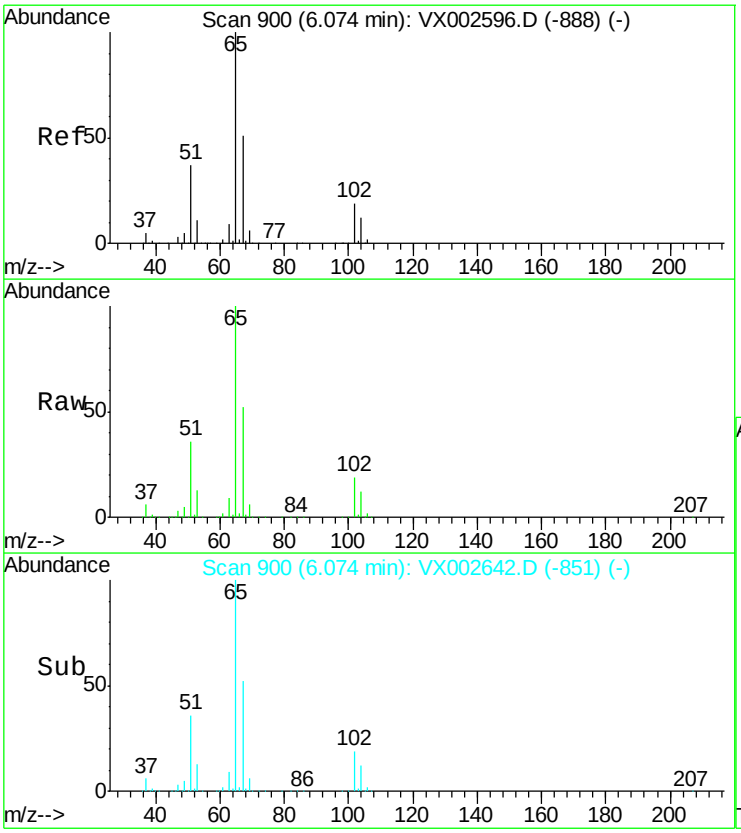
#31
Cyclohexane
Concen: 0.20 ug/l
RT: 5.59 min Scan# 820
Delta R.T. 0.01 min
Lab File: VX002642.D
Acq: 16 Jun 2018 12:29

Instrument : MSVOA_X
ClientSampleId : S36-0133

Tgt Ion: 56 Resp: 770

Ion	Ratio	Lower	Upper
56	100		
69	31.4	23.7	35.5
84	61.5	64.1	96.1#

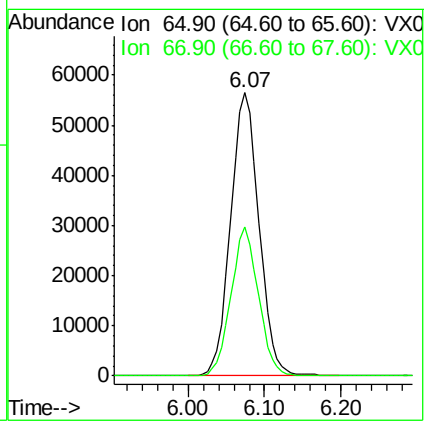


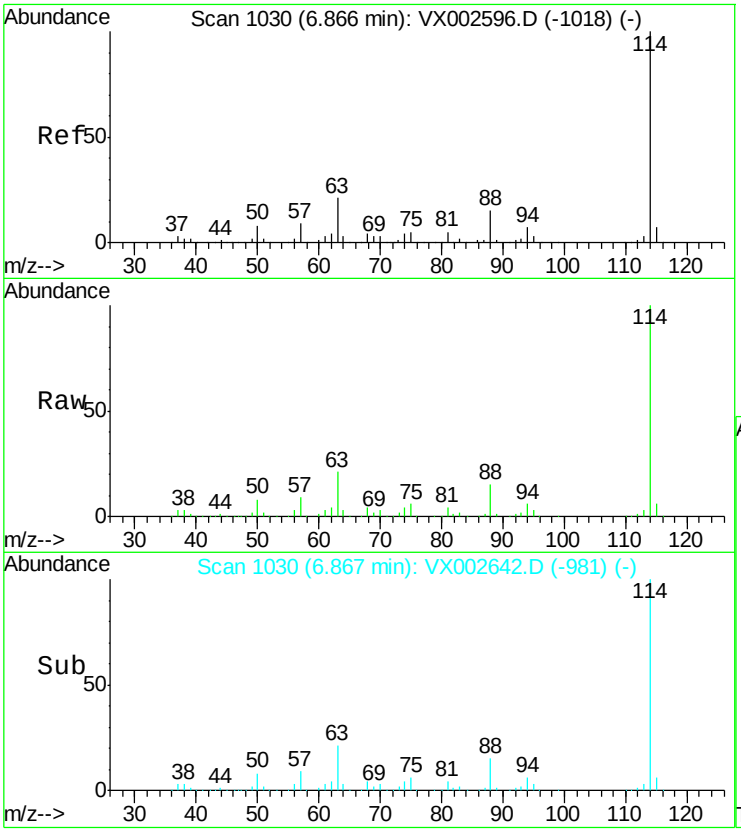


#33
1,2-Dichloroethane-d4
Concen: 44.99 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.00 min
Lab File: VX002642.D
Acq: 16 Jun 2018 12:29

Tgt Ion: 65 Resp: 145240

Ion	Ratio	Lower	Upper
65	100		
67	50.7	0.0	102.6



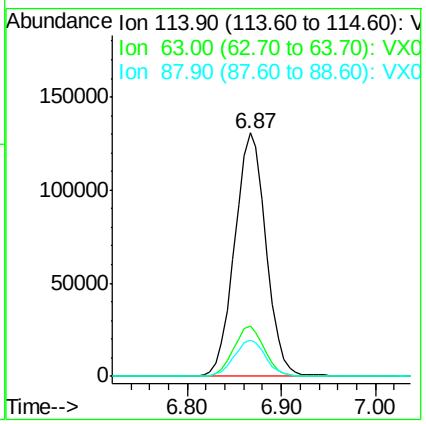


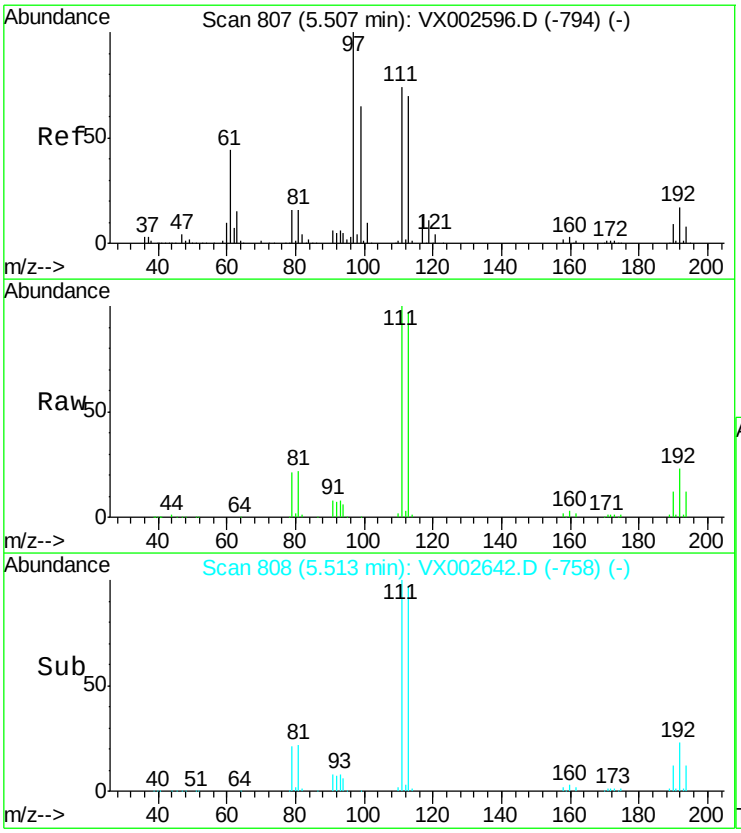
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VX002642.D
Acq: 16 Jun 2018 12:29

Instrument :
MSVOA_X
ClientSampleId :
S36-0133

Tgt Ion:114 Resp: 303203

Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	41.4
88	14.9	0.0	30.0

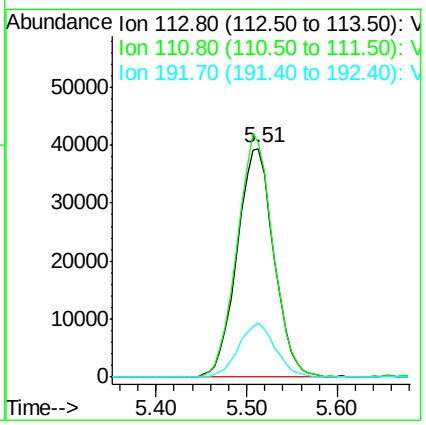


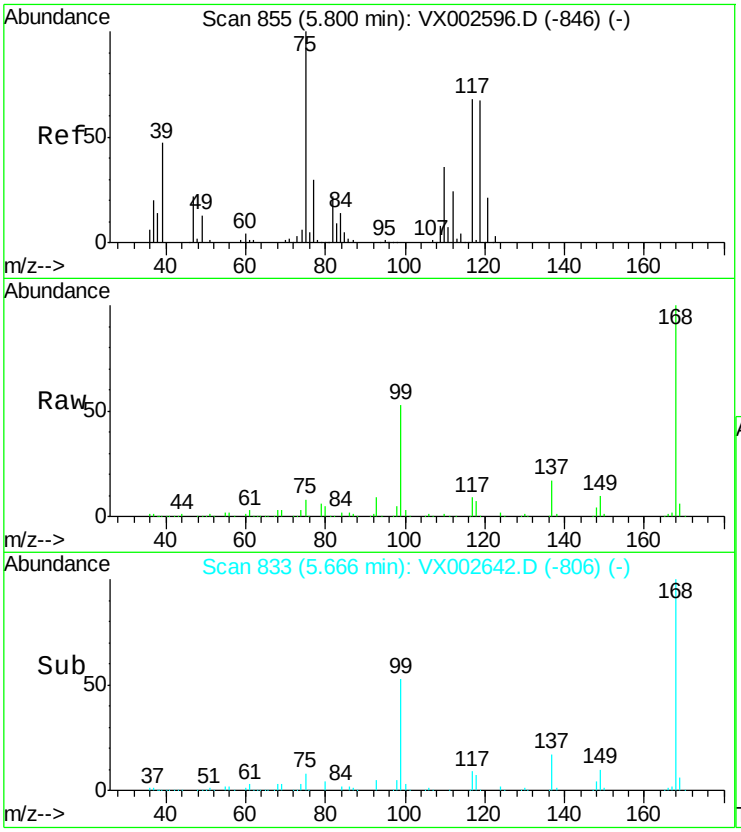


#35
Dibromofluoromethane
Concen: 45.89 ug/l
RT: 5.51 min Scan# 808
Delta R.T. 0.01 min
Lab File: VX002642.D
Acq: 16 Jun 2018 12:29

Tgt Ion:113 Resp: 111051

Ion	Ratio	Lower	Upper
113	100		
111	103.7	81.4	122.0
192	23.5	19.1	28.7



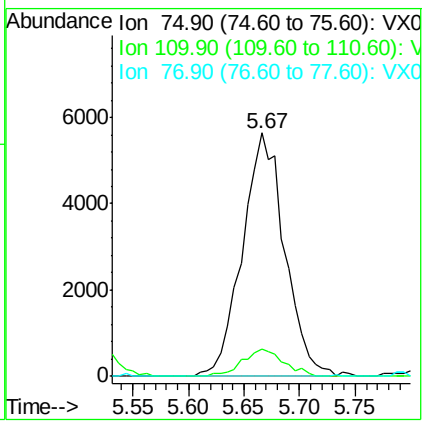


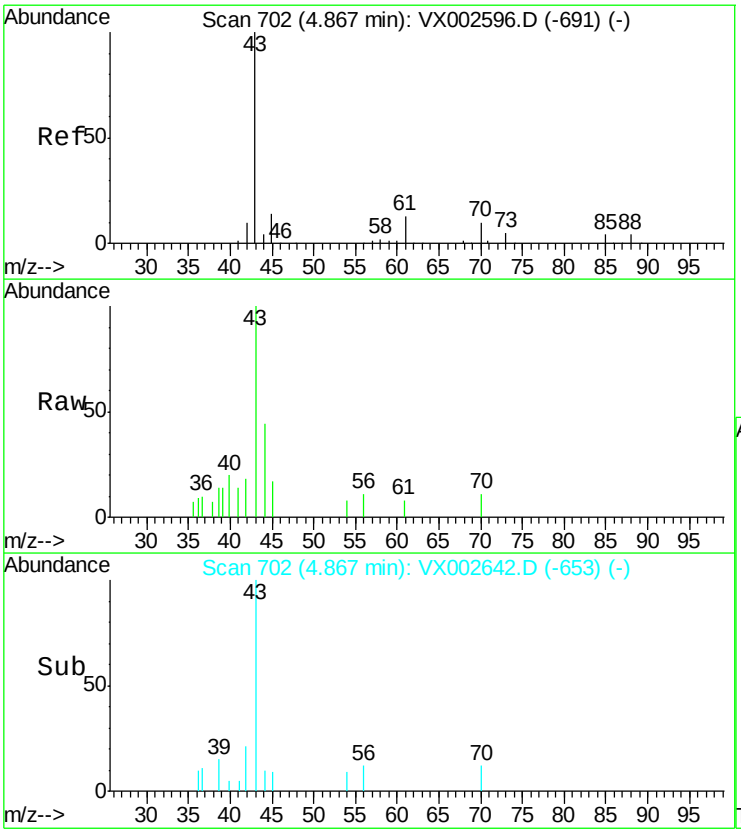
#36
1,1-Dichloropropene
Concen: 4.63 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.13 min
Lab File: VX002642.D
Acq: 16 Jun 2018 12:29

Instrument :
MSVOA_X
ClientSampleId :
S36-0133

Tgt Ion: 75 Resp: 14915

Ion	Ratio	Lower	Upper
75	100		
110	10.9	18.1	54.4#
77	0.0	24.3	36.5#

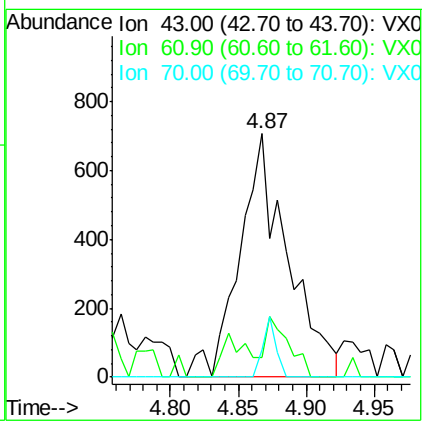


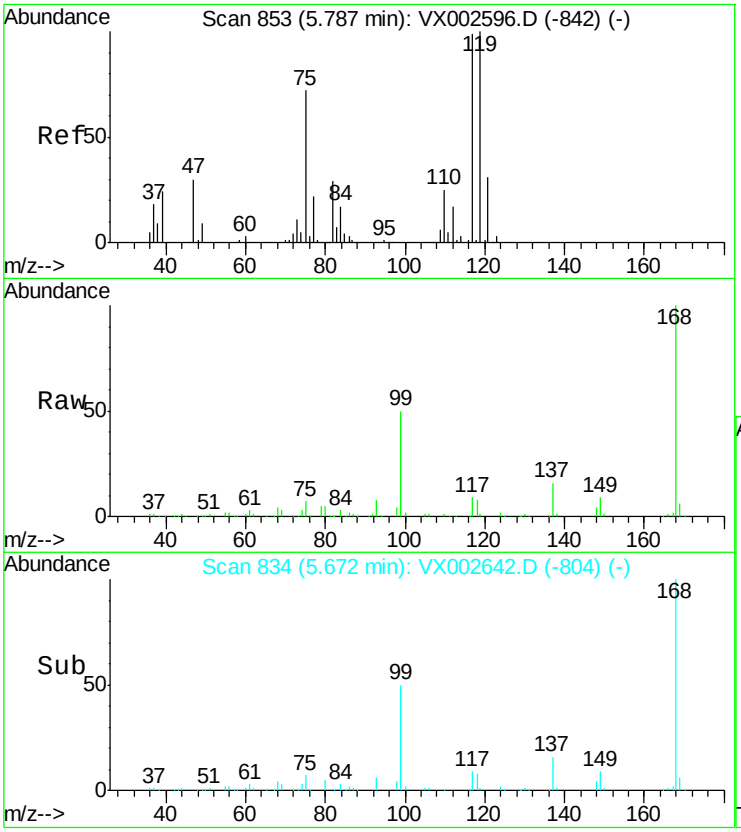


#37
Ethyl Acetate
Concen: 0.48 ug/l
RT: 4.87 min Scan# 702
Delta R.T. 0.00 min
Lab File: VX002642.D
Acq: 16 Jun 2018 12:29

Tgt Ion: 43 Resp: 1741

Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.4	15.6#
70	6.8	7.6	11.4#



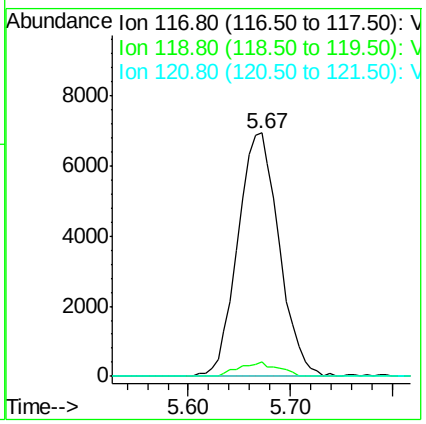


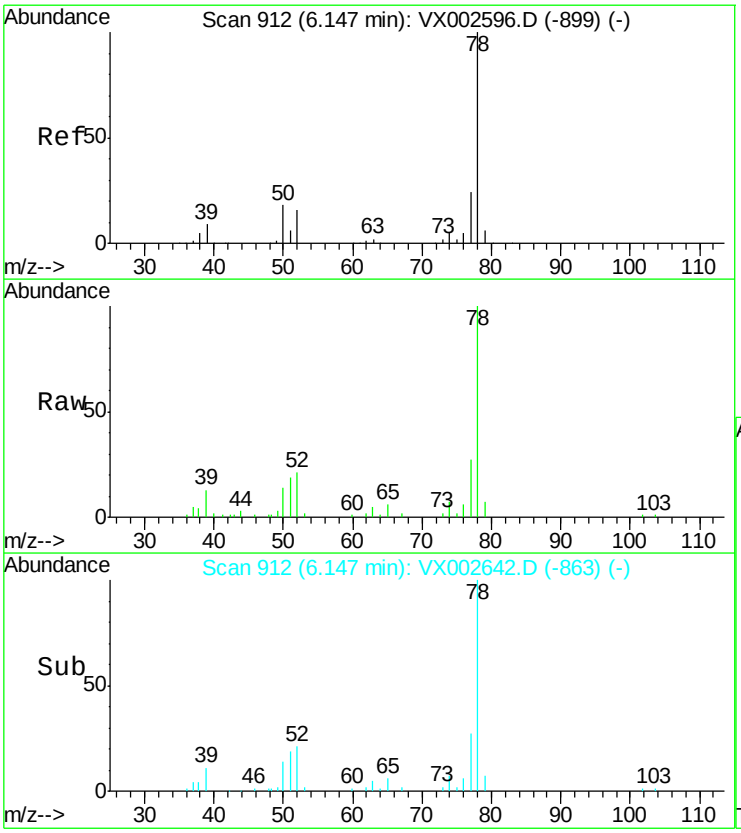
#38
Carbon Tetrachloride
Concen: 6.08 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.12 min
Lab File: VX002642.D
Acq: 16 Jun 2018 12:29

Instrument :
MSVOA_X
ClientSampleId :
S36-0133

Tgt Ion:117 Resp: 19504

Ion	Ratio	Lower	Upper
117	100		
119	5.8	77.4	116.0#
121	0.0	24.4	36.6#

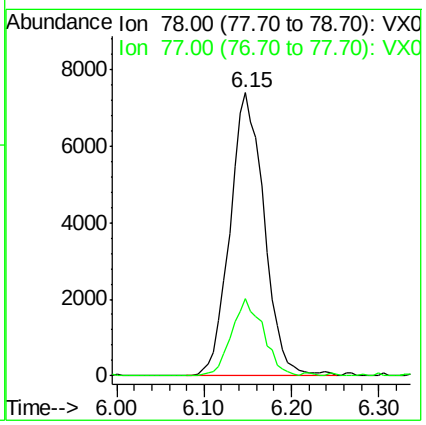


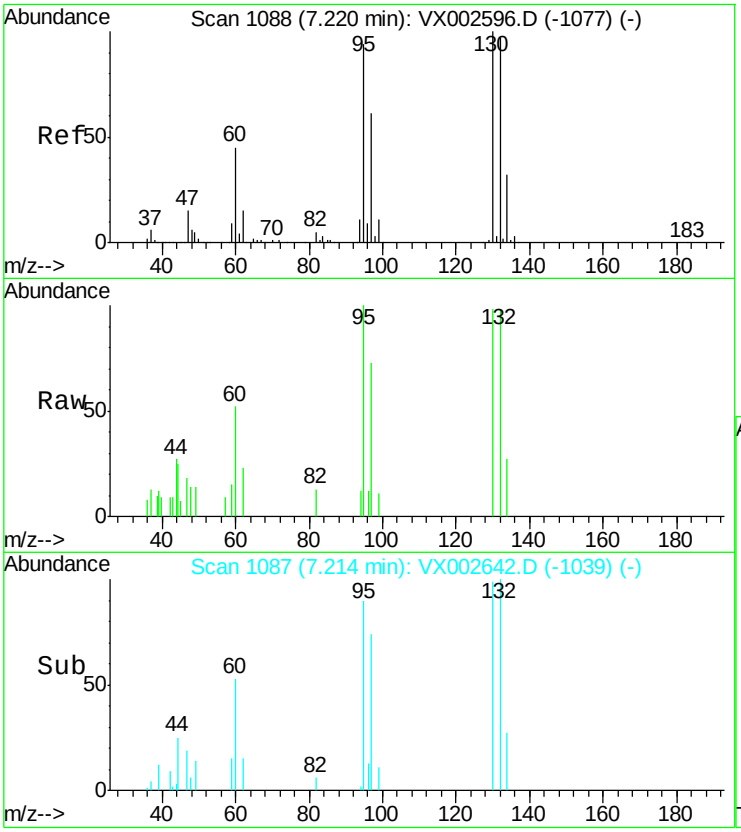


#40
Benzene
Concen: 2.07 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX002642.D
Acq: 16 Jun 2018 12:29

Tgt Ion: 78 Resp: 20031

Ion	Ratio	Lower	Upper
78	100		
77	27.3	19.1	28.7



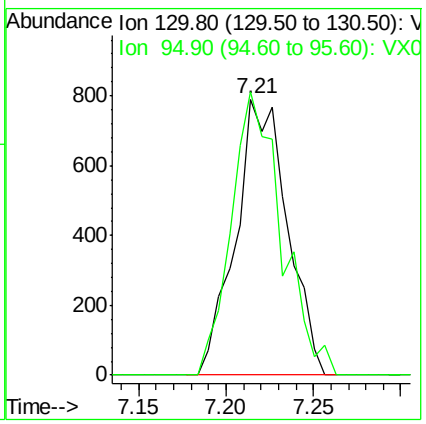


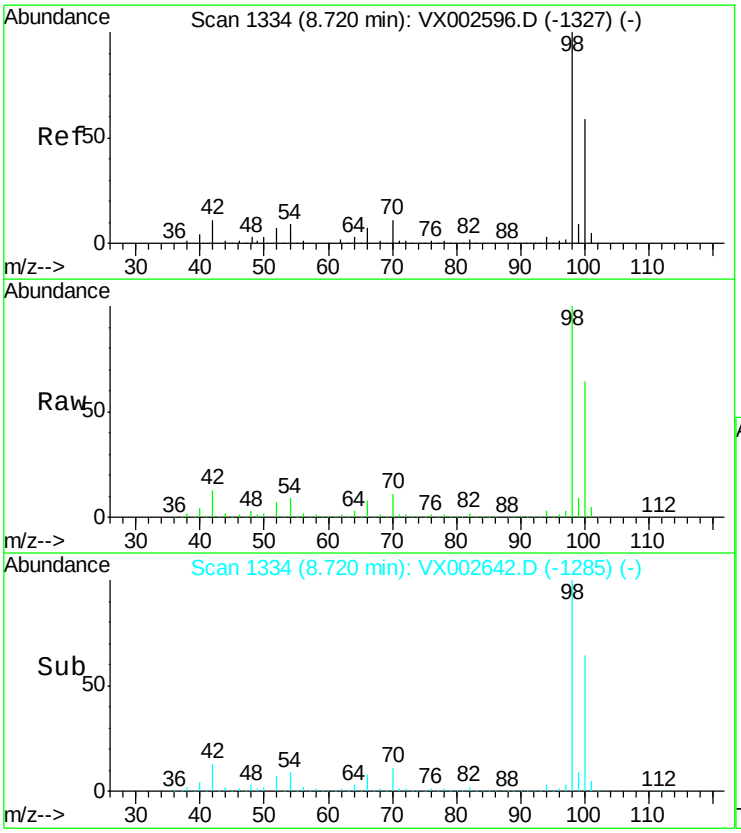
#44
Trichloroethene
Concen: 0.58 ug/l
RT: 7.21 min Scan# 1087
Delta R.T. -0.01 min
Lab File: VX002642.D
Acq: 16 Jun 2018 12:29

Instrument : MSVOA_X
ClientSampleId : S36-0133

Tgt Ion:130 Resp: 1624

Ion	Ratio	Lower	Upper
130	100		
95	102.5	0.0	185.4

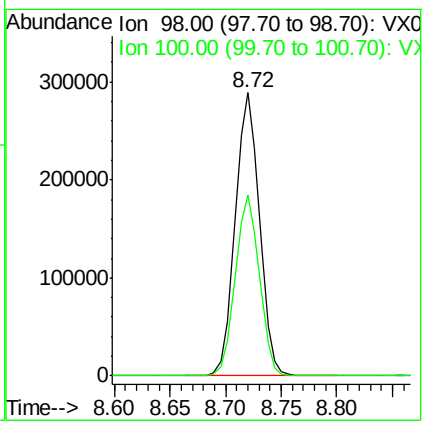


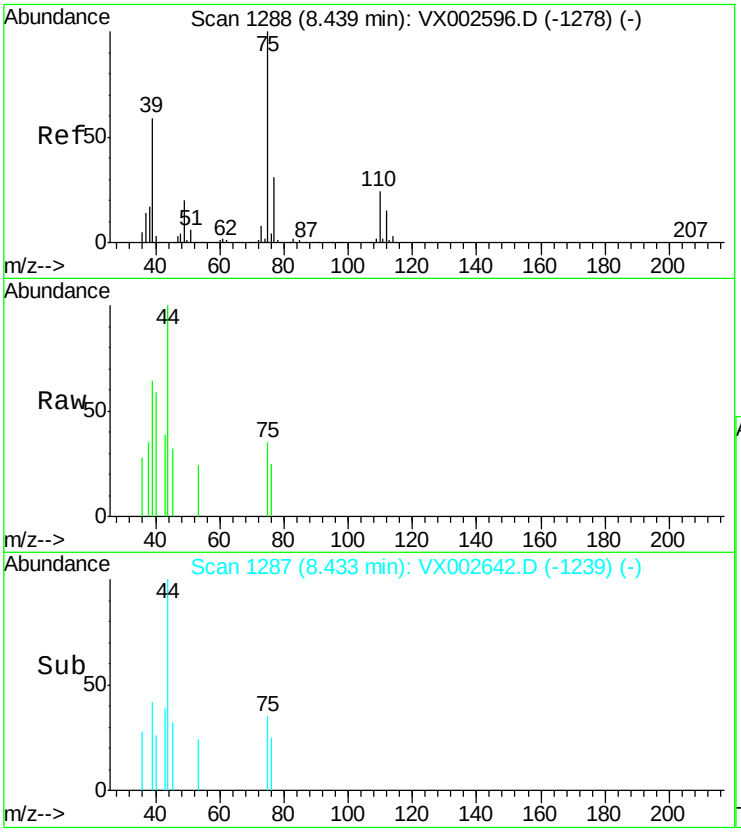


#50
Toluene-d8
Concen: 47.26 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002642.D
Acq: 16 Jun 2018 12:29

Tgt Ion: 98 Resp: 434202

Ion	Ratio	Lower	Upper
98	100		
100	63.5	50.9	76.3



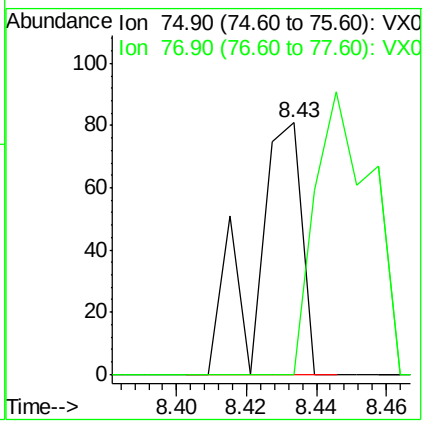


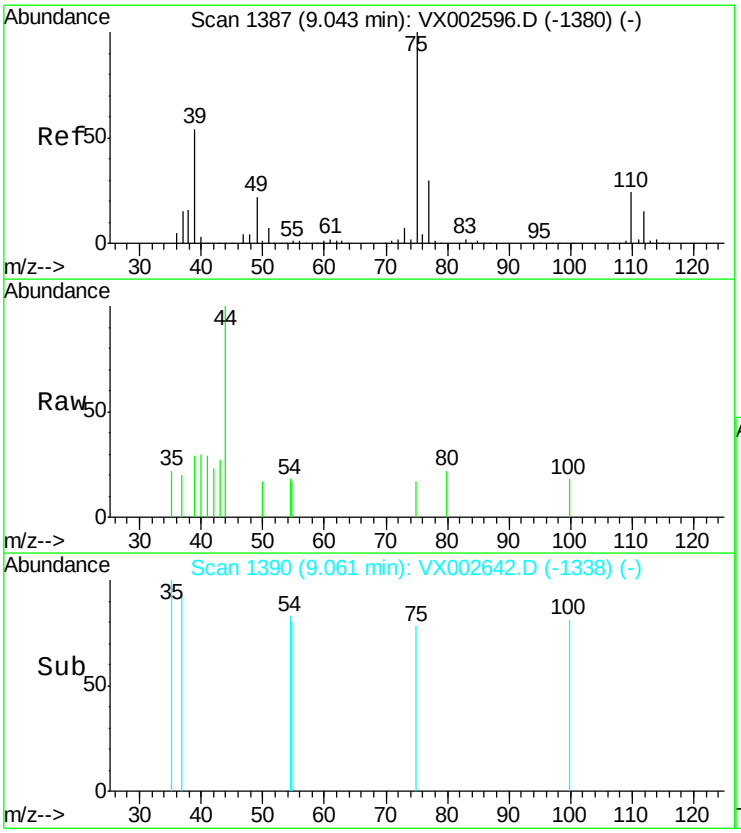
#53
t-1,3-Dichloropropene
Concen: 2.41 ug/l
RT: 8.43 min Scan# 1287
Delta R.T. -0.01 min
Lab File: VX002642.D
Acq: 16 Jun 2018 12:29

Instrument :
MSVOA_X
ClientSampleId :
S36-0133

Tgt Ion: 75 Resp: 76

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.4	38.2#

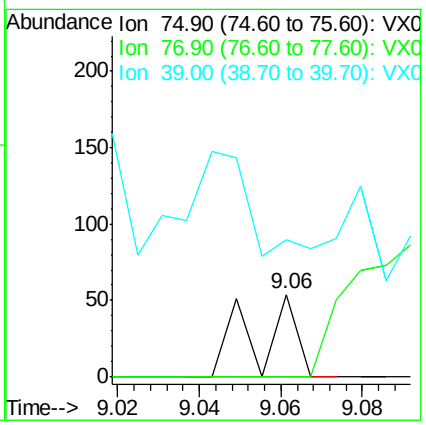


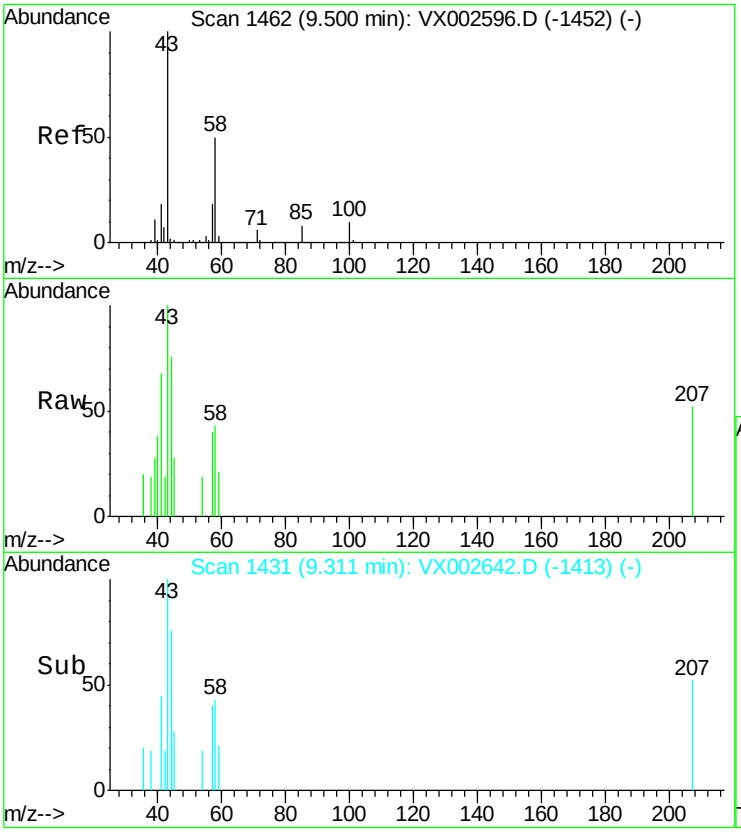


#54
cis-1,3-Dichloropropene
Concen: 3.22 ug/l
RT: 9.06 min Scan# 1390
Delta R.T. 0.02 min
Lab File: VX002642.D
Acq: 16 Jun 2018 12:29

Tgt Ion: 75 Resp: 38

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



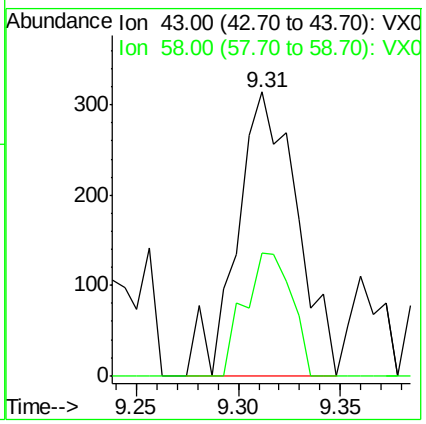


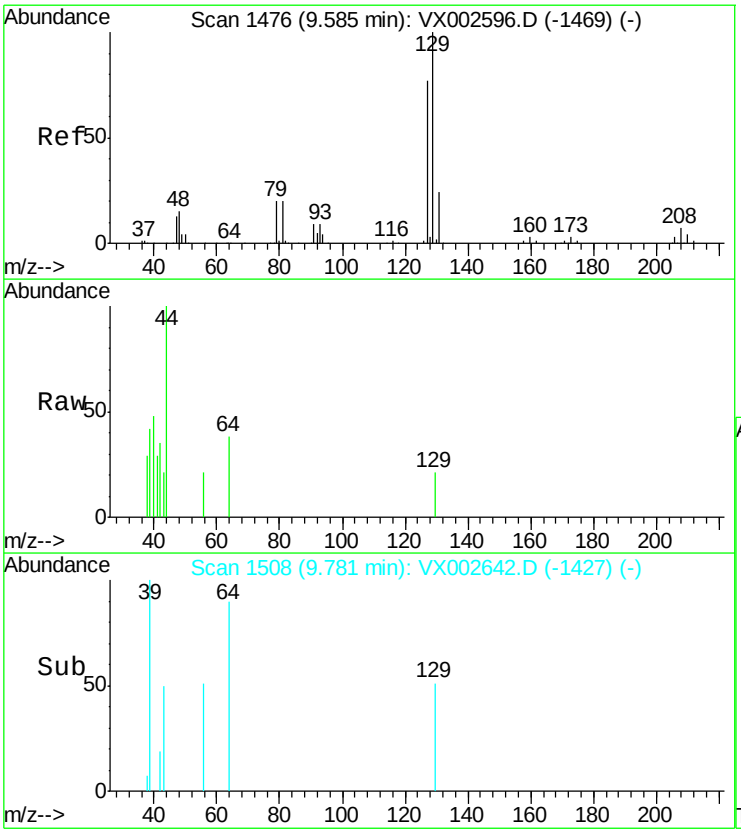
#59
2-Hexanone
Concen: 0.22 ug/l
RT: 9.31 min Scan# 1431
Delta R.T. -0.19 min
Lab File: VX002642.D
Acq: 16 Jun 2018 12:29

Instrument : MSVOA_X
ClientSampleId : S36-0133

Tgt Ion: 43 Resp: 642

Ion	Ratio	Lower	Upper
43	100		
58	34.1	24.6	73.6

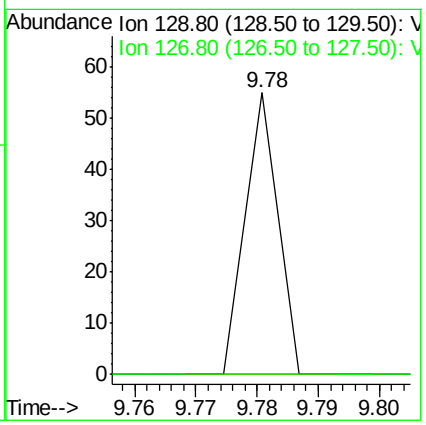


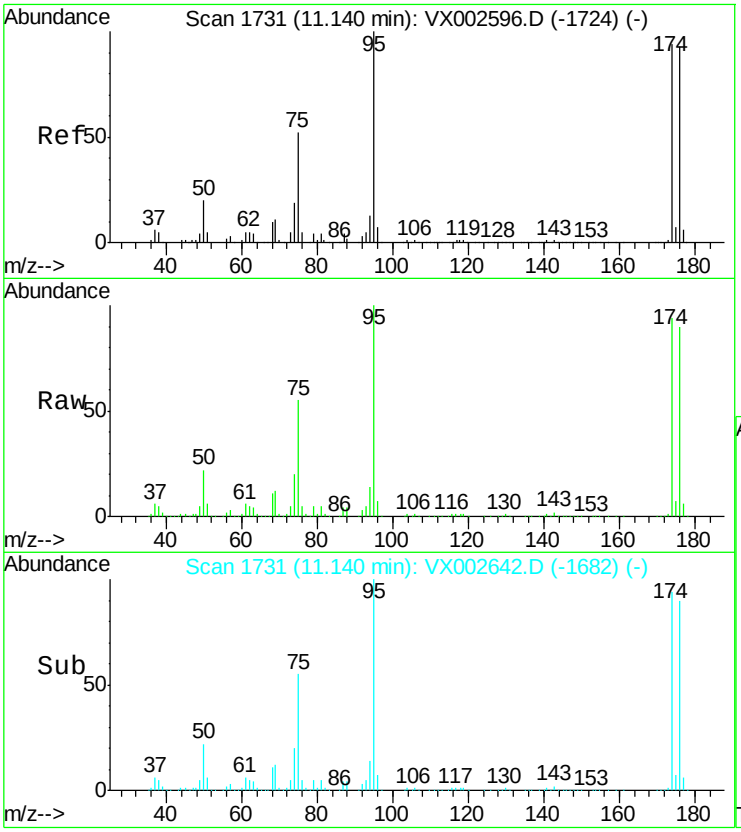


#60
Dibromochloromethane
Concen: 3.77 ug/l
RT: 9.78 min Scan# 1508
Delta R.T. 0.20 min
Lab File: VX002642.D
Acq: 16 Jun 2018 12:29

Tgt Ion:129 Resp: 20

Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.5	115.3#



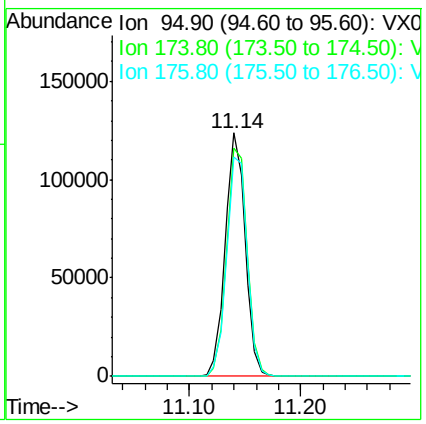


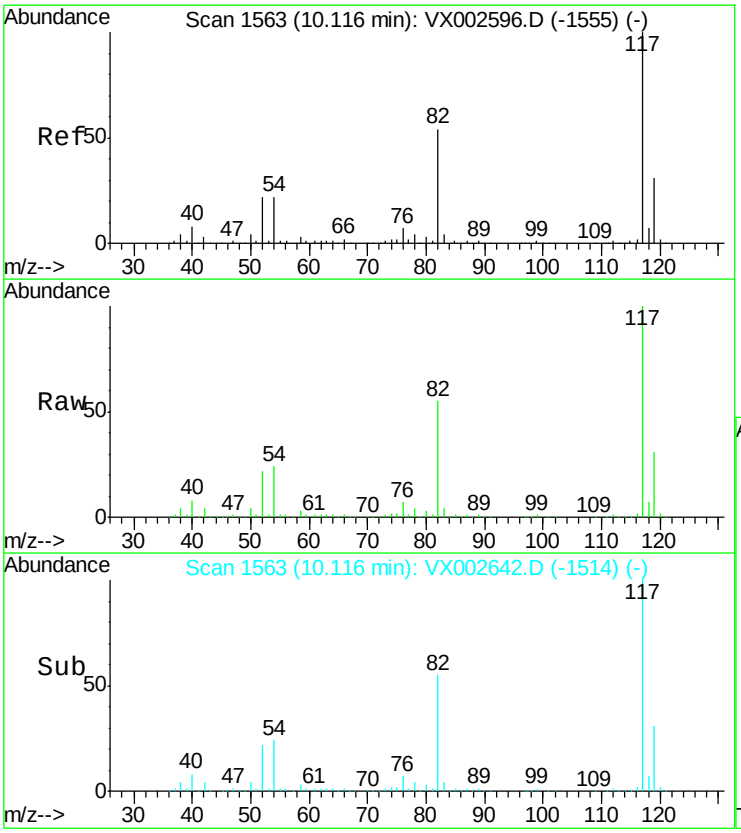
#62
4-Bromofluorobenzene
Concen: 44.09 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002642.D
Acq: 16 Jun 2018 12:29

Instrument :
MSVOA_X
ClientSampleId :
S36-0133

Tgt Ion: 95 Resp: 153503

Ion	Ratio	Lower	Upper
95	100		
174	96.9	0.0	187.4
176	93.4	0.0	181.0

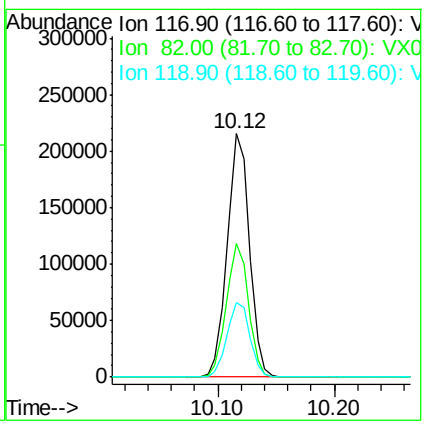


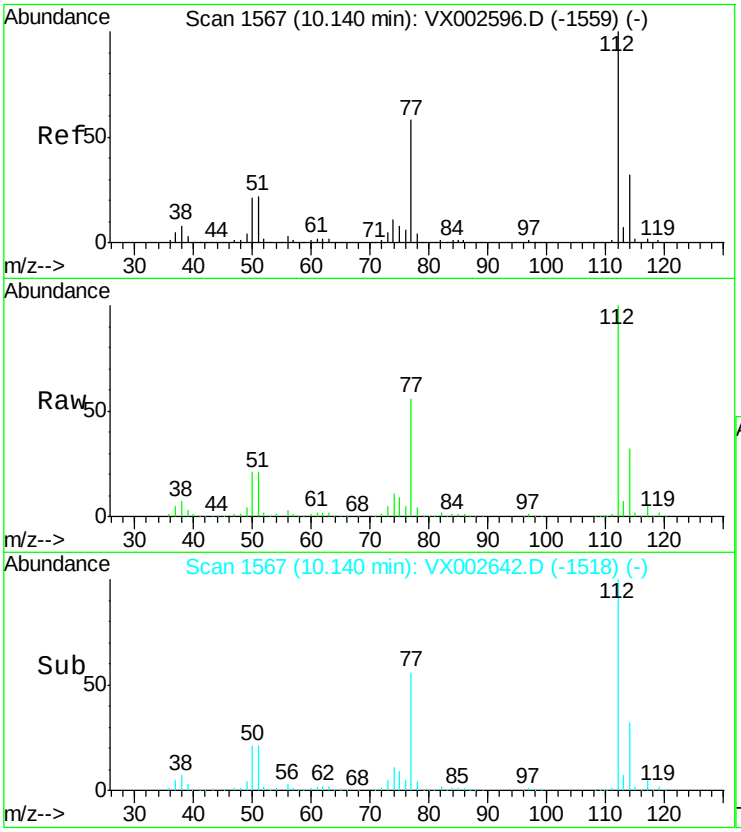


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002642.D
Acq: 16 Jun 2018 12:29

Tgt Ion:117 Resp: 286776

Ion	Ratio	Lower	Upper
117	100		
82	54.9	45.0	67.4
119	30.9	25.8	38.6



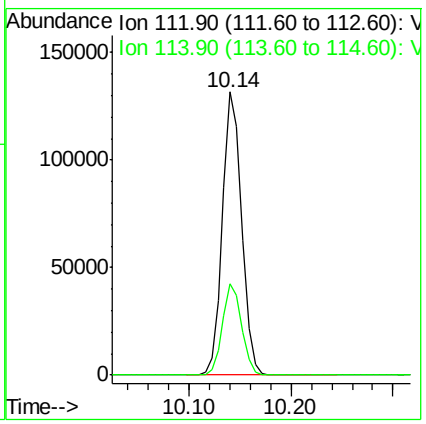


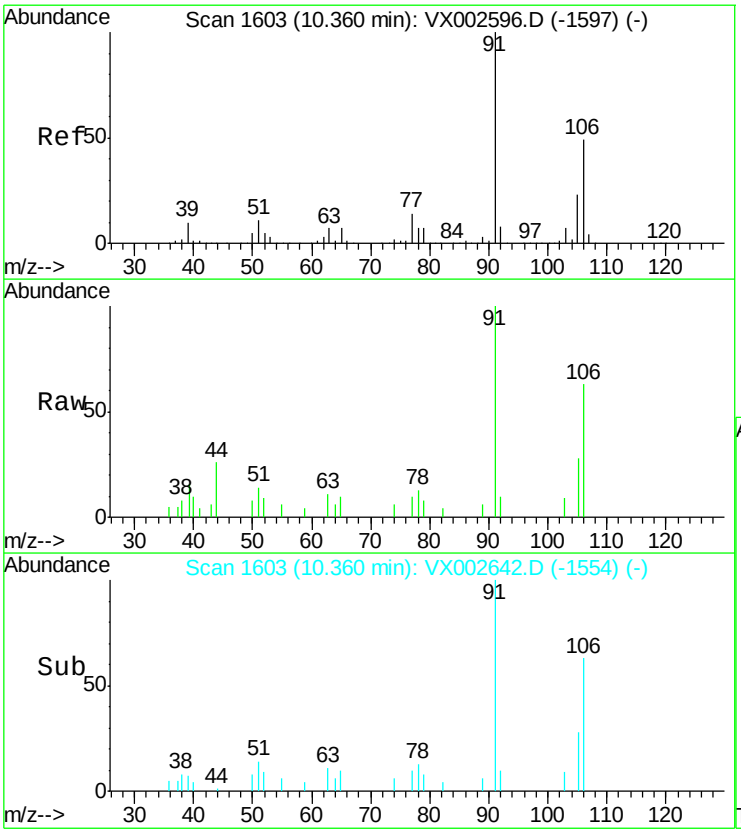
#65
Chlorobenzene
Concen: 24.43 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX002642.D
Acq: 16 Jun 2018 12:29

Instrument : MSVOA_X
ClientSampleId : S36-0133

Tgt Ion:112 Resp: 172059

Ion	Ratio	Lower	Upper
112	100		
114	32.2	25.3	37.9

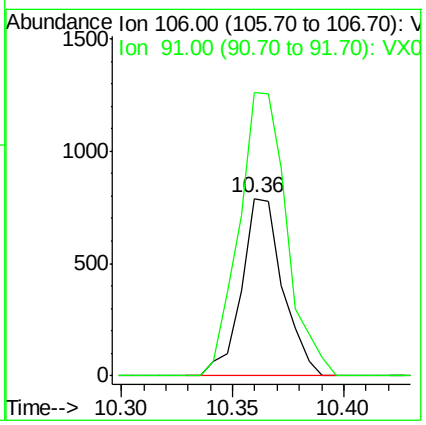


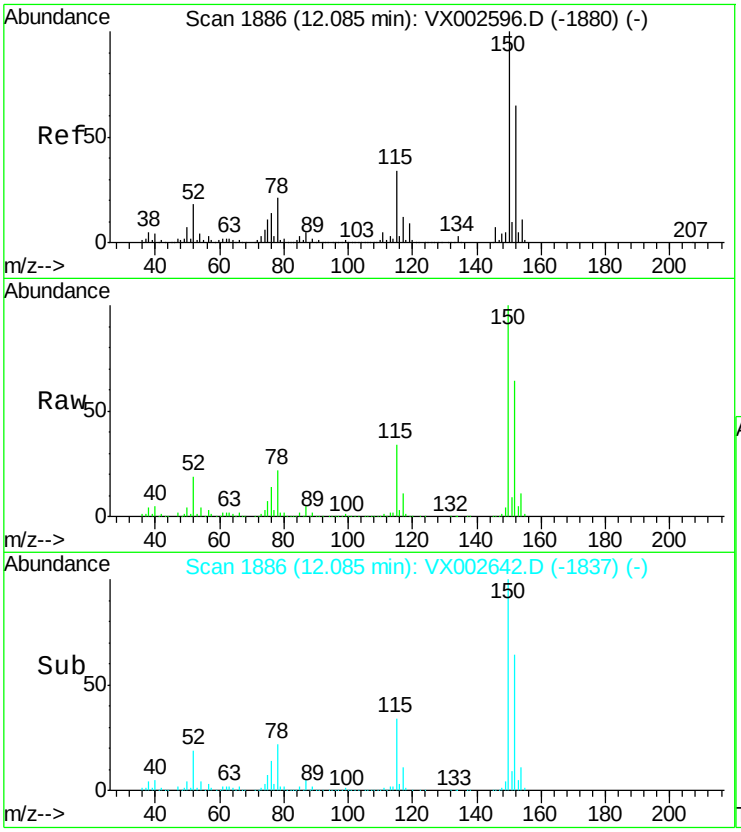


#68
m/p-Xylenes
Concen: 0.22 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX002642.D
Acq: 16 Jun 2018 12:29

Tgt Ion:106 Resp: 1021

Ion	Ratio	Lower	Upper
106	100		
91	184.3	163.4	245.2



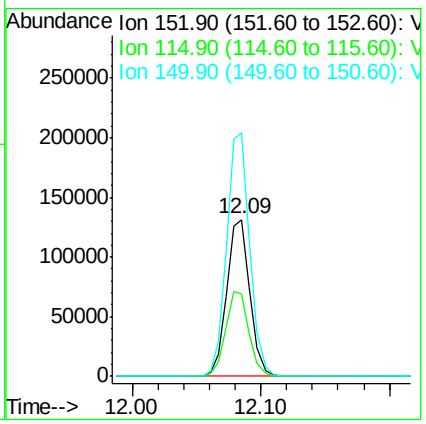


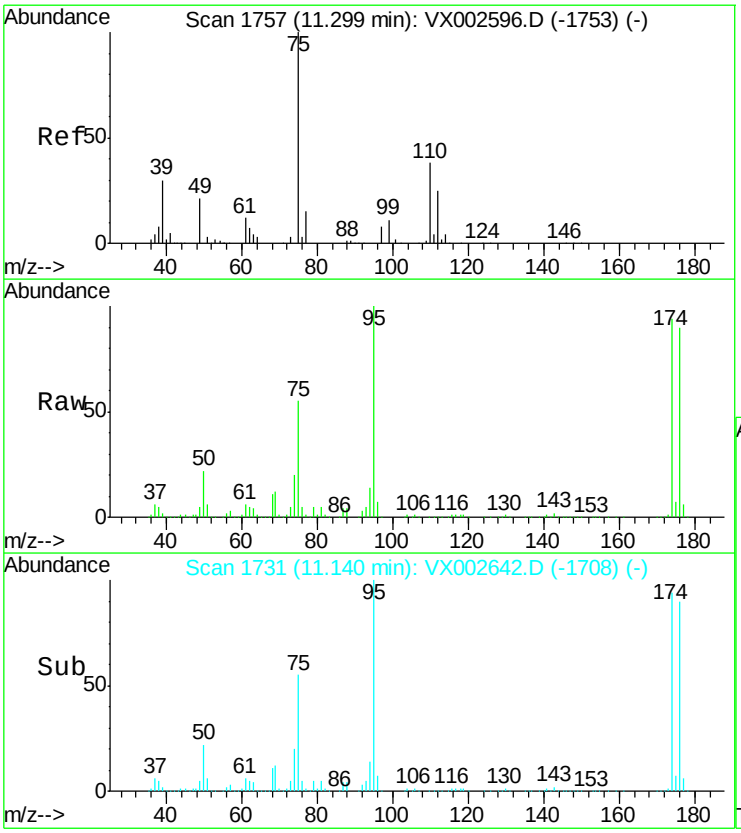
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX002642.D
Acq: 16 Jun 2018 12:29

Instrument : MSVOA_X
ClientSampleId : S36-0133

Tgt Ion:152 Resp: 165290

Ion	Ratio	Lower	Upper
152	100		
115	54.4	40.1	120.2
150	155.6	0.0	347.2

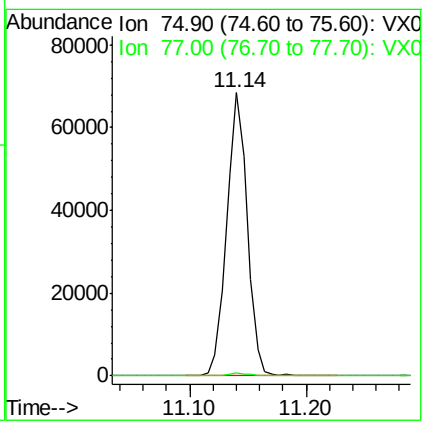


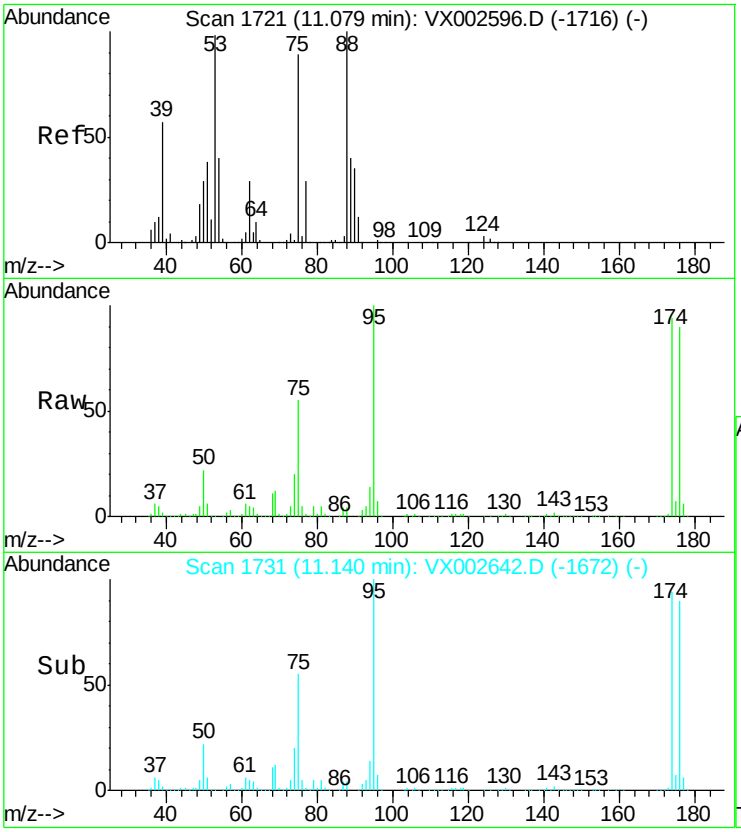


#76
1,2,3-Trichloropropane
Concen: 26.87 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX002642.D
Acq: 16 Jun 2018 12:29

Tgt Ion: 75 Resp: 83798

Ion	Ratio	Lower	Upper
75	100		
77	1.2	22.8	68.3#



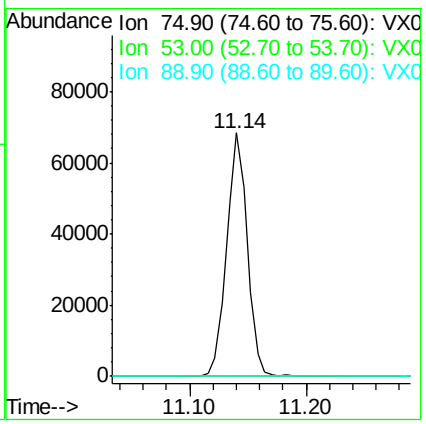


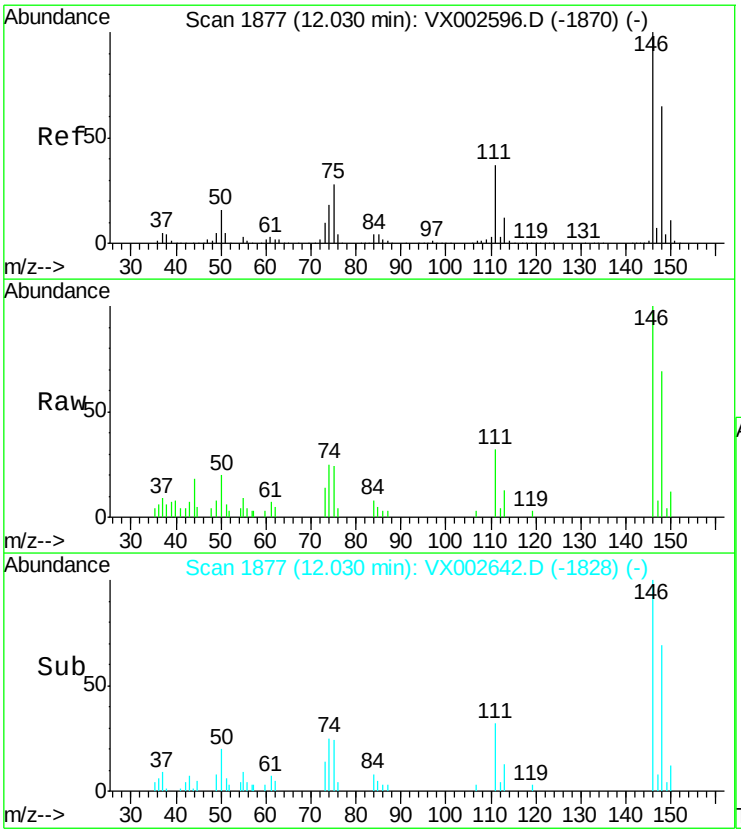
#81
trans-1,4-Dichloro-2-butene
Concen: 82.96 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX002642.D
Acq: 16 Jun 2018 12:29

Instrument : MSVOA_X
ClientSampleId : S36-0133

Tgt Ion: 75 Resp: 83798

Ion	Ratio	Lower	Upper
75	100		
53	0.2	86.8	130.2#
89	0.0	38.2	57.2#

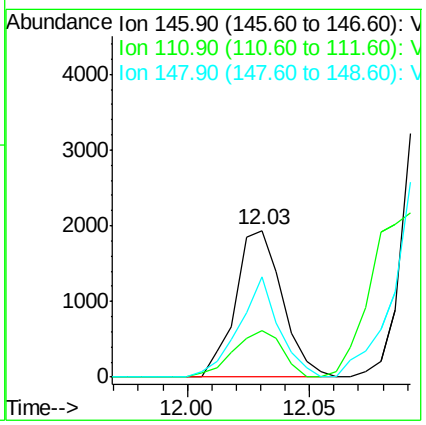


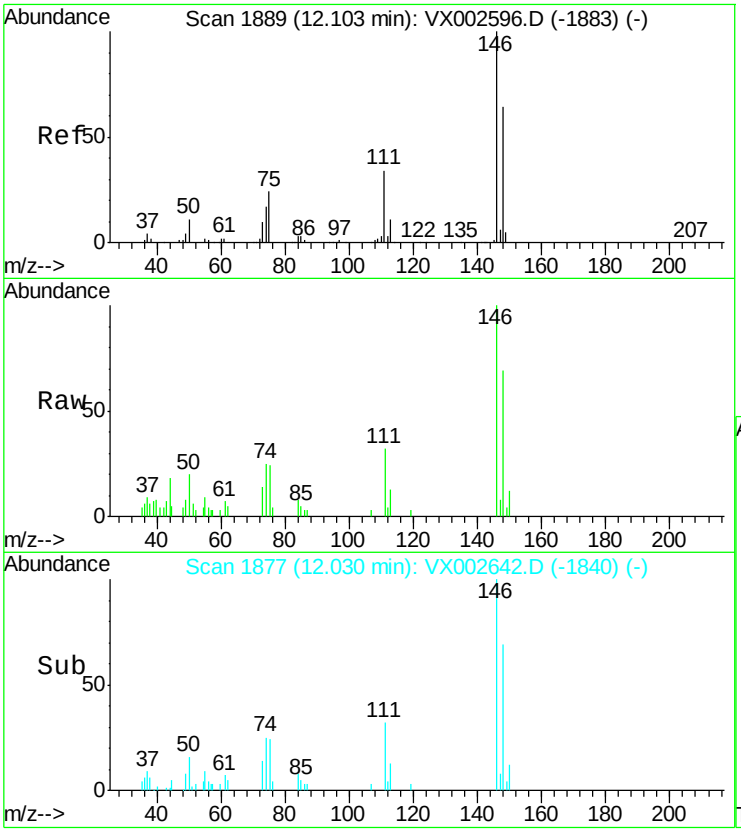


#87
1,3-Dichlorobenzene
Concen: 0.46 ug/l
RT: 12.03 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX002642.D
Acq: 16 Jun 2018 12:29

Tgt Ion:146 Resp: 2584

Ion	Ratio	Lower	Upper
146	100		
111	32.8	18.9	56.7
148	58.4	32.1	96.3



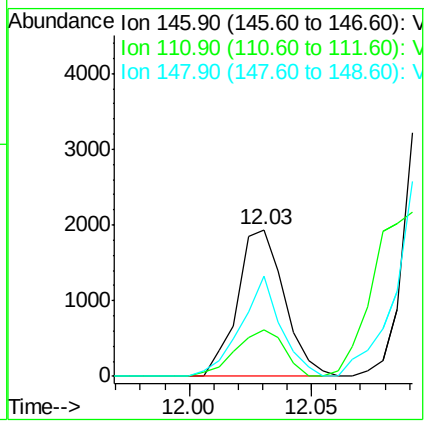


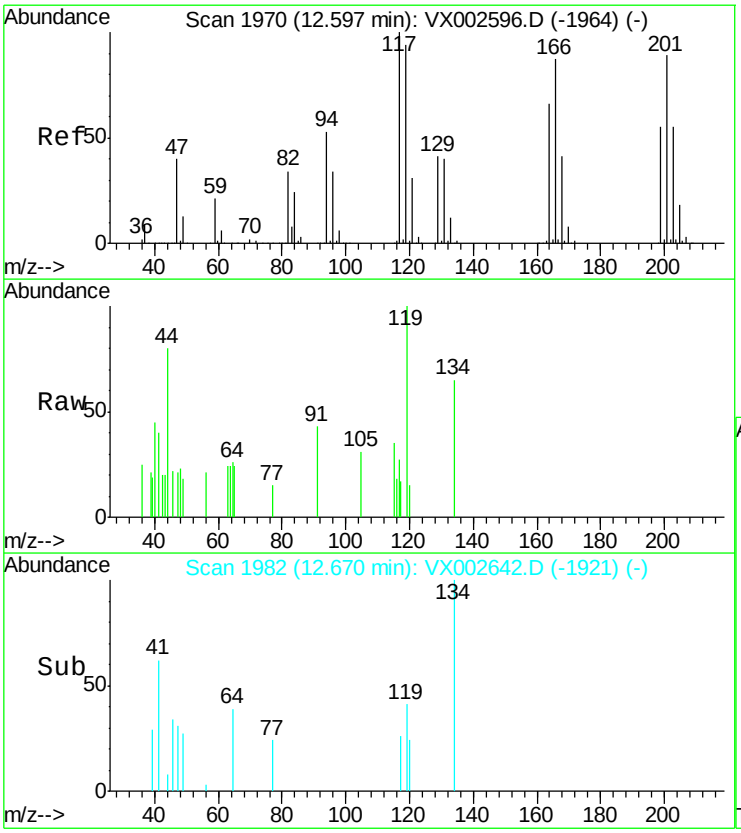
#88
1,4-Dichlorobenzene
Concen: 0.45 ug/l
RT: 12.03 min Scan# 1877
Delta R.T. -0.07 min
Lab File: VX002642.D
Acq: 16 Jun 2018 12:29

Instrument : MSVOA_X
ClientSampleId : S36-0133

Tgt Ion:146 Resp: 2584

Ion	Ratio	Lower	Upper
146	100		
111	32.8	18.7	56.1
148	58.4	32.4	97.0

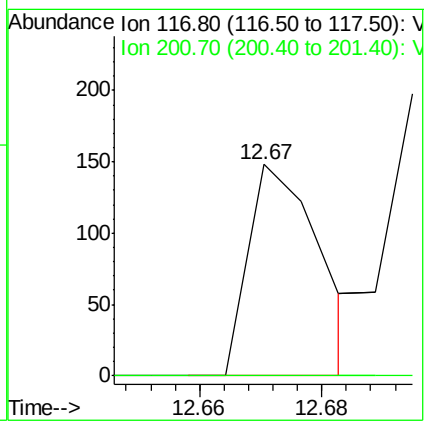


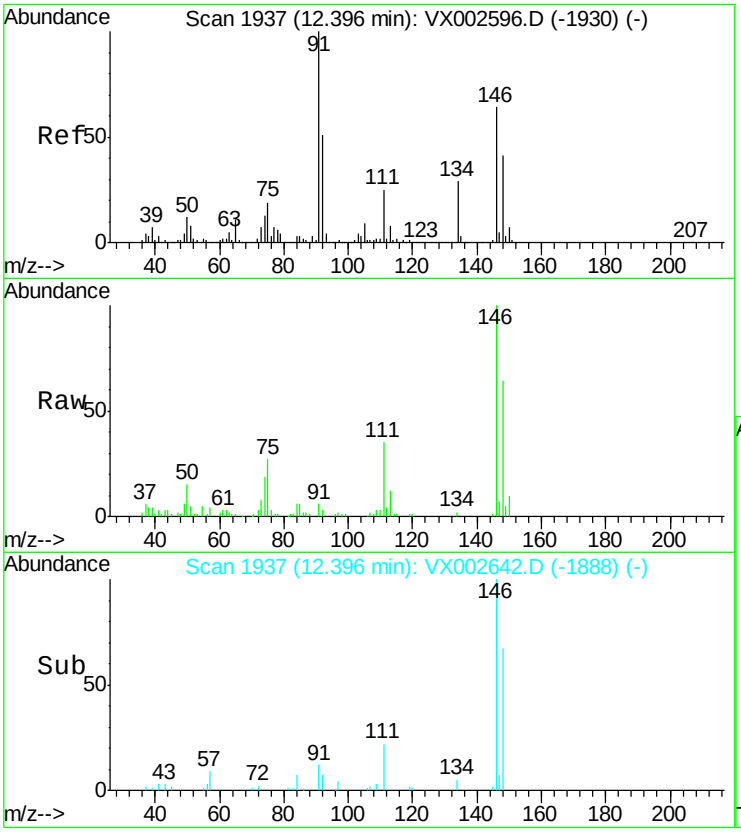


#90
Hexachloroethane
Concen: 2.70 ug/l
RT: 12.67 min Scan# 1982
Delta R.T. 0.07 min
Lab File: VX002642.D
Acq: 16 Jun 2018 12:29

Tgt Ion:117 Resp: 120

Ion	Ratio	Lower	Upper
117	100		
201	0.0	49.0	147.0#





#91
1,2-Dichlorobenzene
Concen: 2.39 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX002642.D
Acq: 16 Jun 2018 12:29

Instrument :
MSVOA_X
ClientSampleId :
S36-0133

Tgt Ion:146 Resp: 13607

Ion	Ratio	Lower	Upper
146	100		
111	36.1	19.4	58.1
148	62.9	31.7	95.1