Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121918\
Data File : VX006644.D
Acq On : 19 Dec 2018 18:31
Operator : JC/MD
Sample : J6479-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Dec 20 04:03:50 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 19 15:20:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	629413	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1012297	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	930800	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	438120	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	355324	52.38	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.76%			
35) Dibromofluoromethane	5.51	113	303403	47.40	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.80%			
50) Toluene-d8	8.71	98	1213861	50.30	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.60%			
62) 4-Bromofluorobenzene	11.13	95	435900	49.32	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.64%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.45	85	5791	1.006	ug/l	95
4) Vinyl Chloride	1.41	62	116676	18.009	ug/l	99
5) Bromomethane	1.65	94	579	Below Cal		98
6) Chloroethane	1.73	64	288141	64.230	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	2000	0.337	ug/l #	43
11) Tert butyl alcohol	3.06	59	15541	10.266	ug/l #	94
12) 1,1-Dichloroethene	2.38	96	723762	128.700	ug/l	98
13) Acrolein	2.32	56	352	0.345	ug/l #	13
16) Acetone	2.45	43	2271	0.729	ug/l #	70
20) Methylene Chloride	2.86	84	10339	1.604	ug/l	88
24) 1,1-Dichloroethane	3.70	63	352631	34.111	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	120567	17.538	ug/l	91
28) Bromochloromethane	5.02	49	465	Below Cal #		13
29) Tetrahydrofuran	5.17	42	1907	0.660	ug/l #	88
36) 1,1-Dichloropropene	5.66	75	44109	5.261	ug/l #	49
38) Carbon Tetrachloride	5.67	117	61000	7.486	ug/l #	14
39) Methylcyclohexane	7.46	83	4264	0.386	ug/l	91
40) Benzene	6.15	78	15723	0.617	ug/l	98
42) 1,2-Dichloroethane	6.20	62	53301	6.138	ug/l	98
43) Isopropyl Acetate	6.37	43	90840	6.842	ug/l #	62
44) Trichloroethene	7.21	130	8239	1.068	ug/l	98
48) Methyl methacrylate	7.74	41	5442	0.806	ug/l #	47
49) 1,4-Dioxane	7.74	88	313270	1788.943	ug/l	95
51) 4-Methyl-2-Pentanone	8.71	43	4335	0.513	ug/l #	1
60) Dibromochloromethane	9.62	129	32	2.329	ug/l	75
69) o-Xylene	10.70	106	5200	0.415	ug/l	94
71) Bromoform	10.77	173	104	4.477	ug/l #	28
76) 1,2,3-Trichloropropane	11.13	75	208167	25.567	ug/l #	43
81) trans-1,4-Dichloro-2-buten	11.13	75	208167	75.453	ug/l #	26
90) Hexachloroethane	12.58	117	266	3.353	ug/l #	6

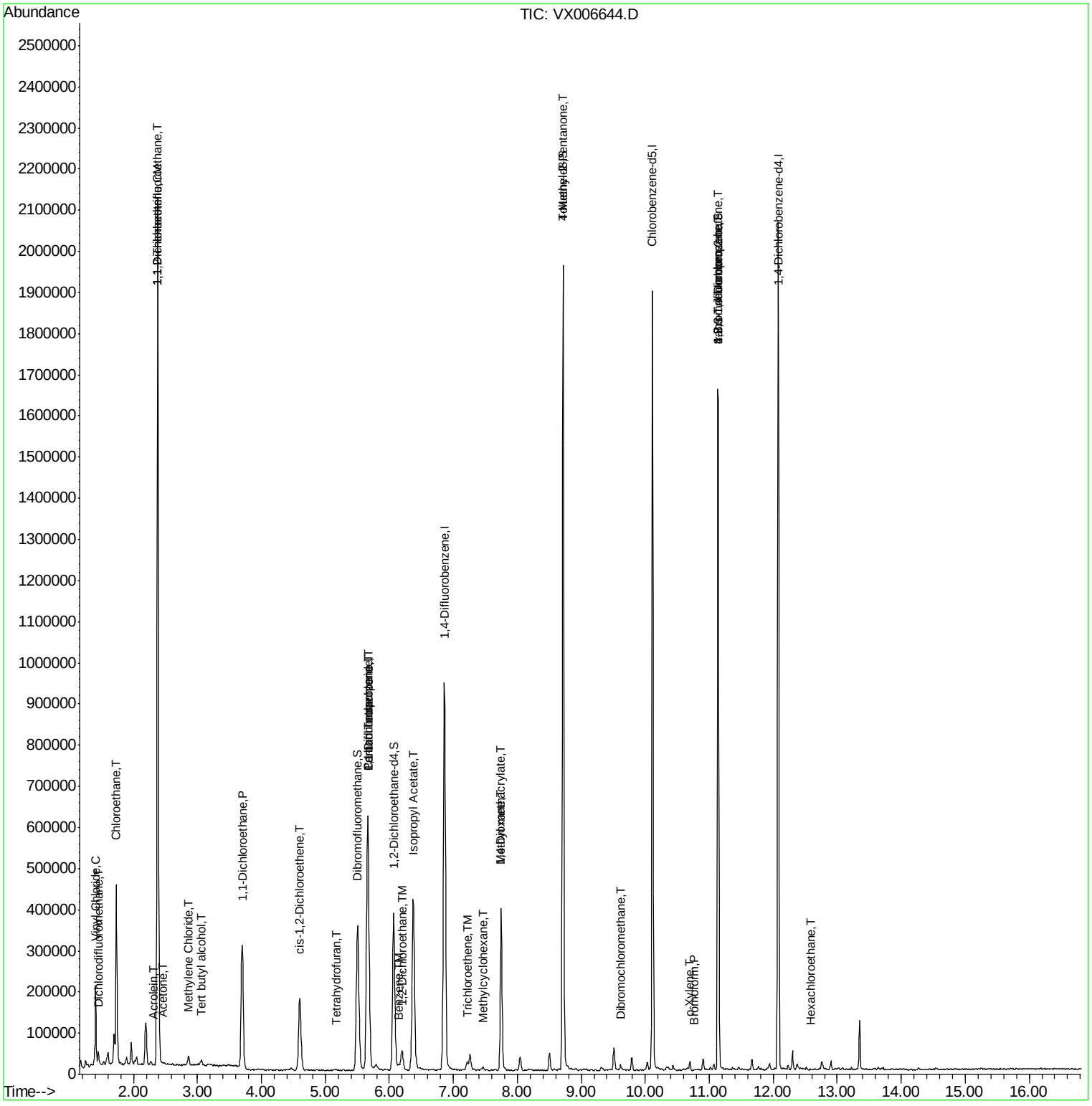
(#) = qualifier out of range (m) = manual integration (+) = signals summed

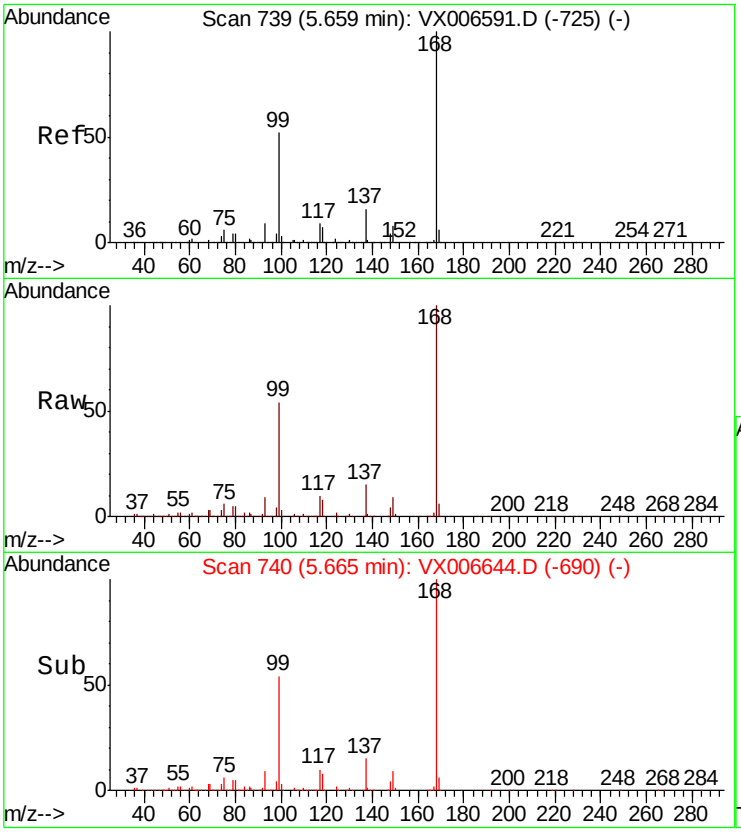
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121918\
Data File : VX006644.D
Acq On : 19 Dec 2018 18:31
Operator : JC/MD
Sample : J6479-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Dec 20 04:03:50 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 19 15:20:58 2018
Response via : Initial Calibration



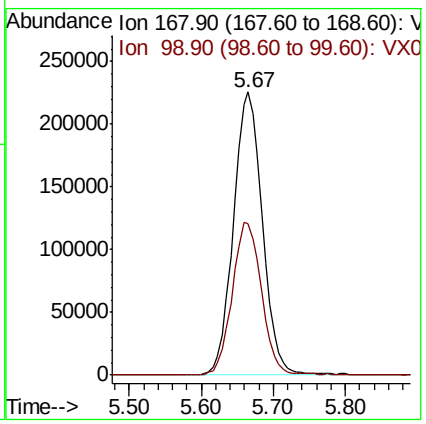


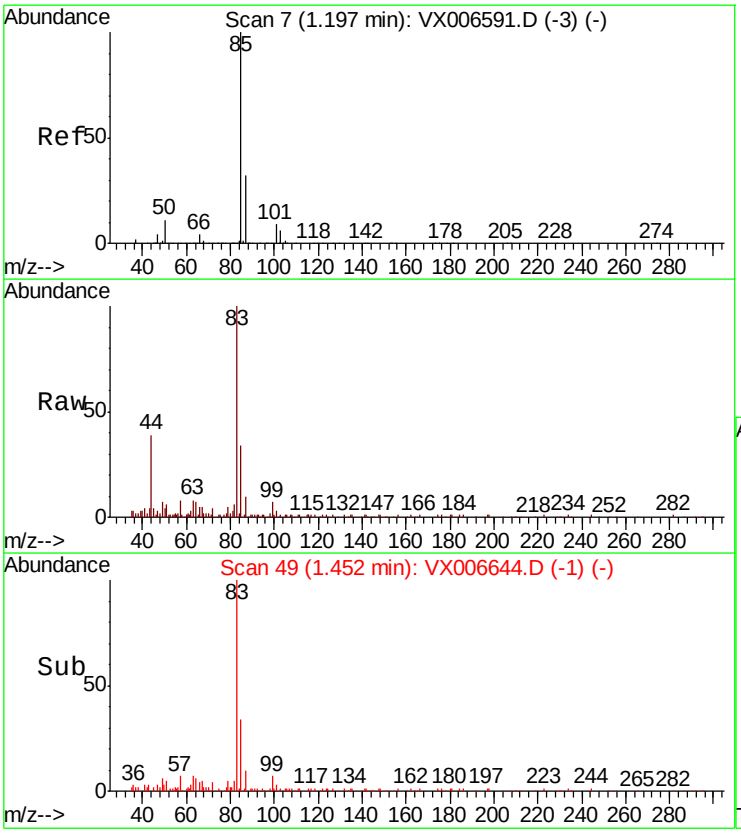
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX006644.D
Acq: 19 Dec 2018 18:31

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 629413

Ion	Ratio	Lower	Upper
168	100		
99	53.6	41.8	62.8

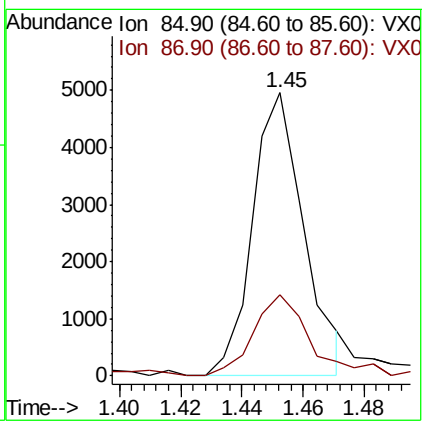


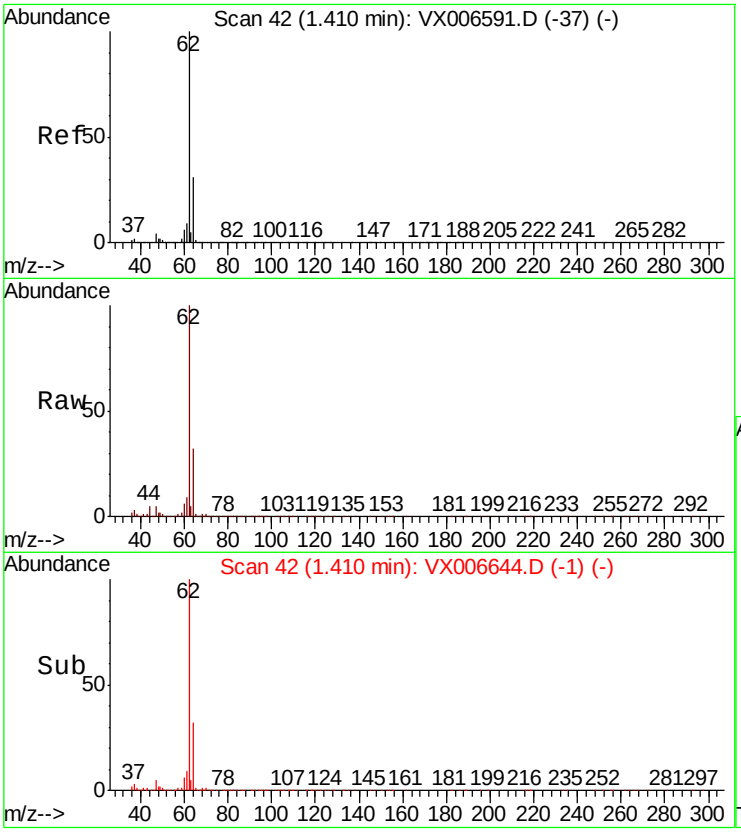


#2
Dichlorodifluoromethane
Concen: 1.006 ug/l
RT: 1.45 min Scan# 49
Delta R.T. 0.26 min
Lab File: VX006644.D
Acq: 19 Dec 2018 18:31

Tgt Ion: 85 Resp: 5791

Ion	Ratio	Lower	Upper
85	100		
87	28.7	15.9	47.6



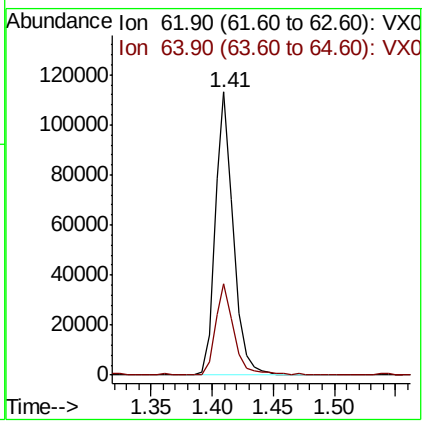


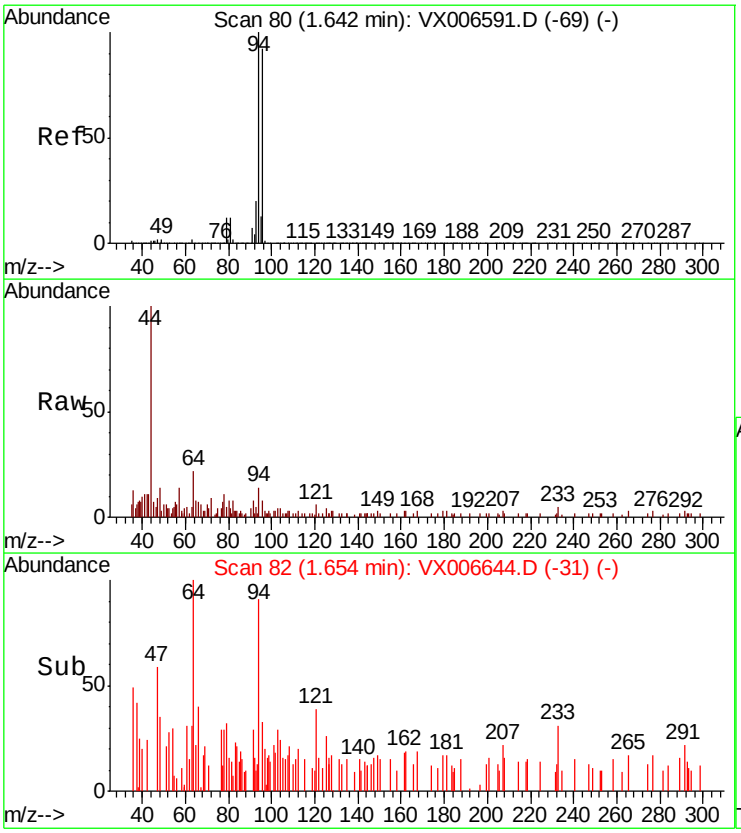
#4
Vinyl Chloride
Concen: 18.009 ug/l
RT: 1.41 min Scan# 42
Delta R.T. -0.00 min
Lab File: VX006644.D
Acq: 19 Dec 2018 18:31

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 62 Resp: 116676

Ion	Ratio	Lower	Upper
62	100		
64	32.0	25.1	37.7

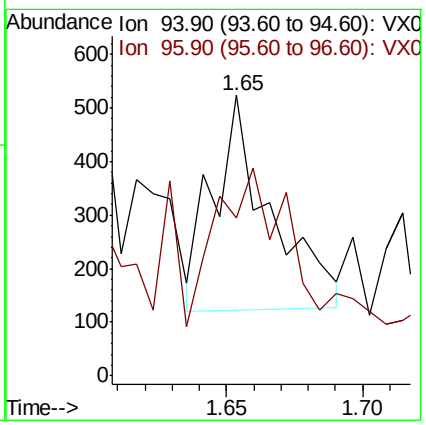


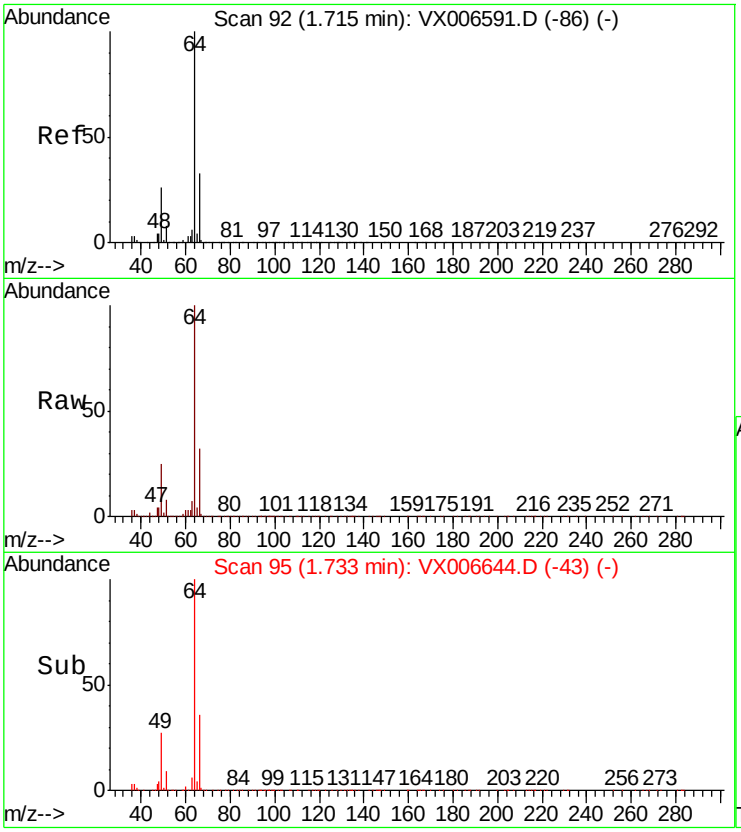


#5
Bromomethane
Concen: Below Cal
RT: 1.65 min Scan# 82
Delta R.T. 0.01 min
Lab File: VX006644.D
Acq: 19 Dec 2018 18:31

Tgt Ion: 94 Resp: 579

Ion	Ratio	Lower	Upper
94	100		
96	90.3	73.4	110.2



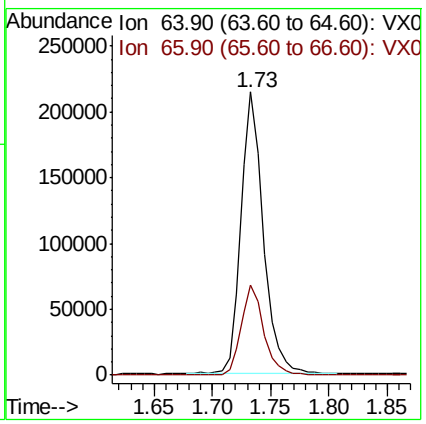


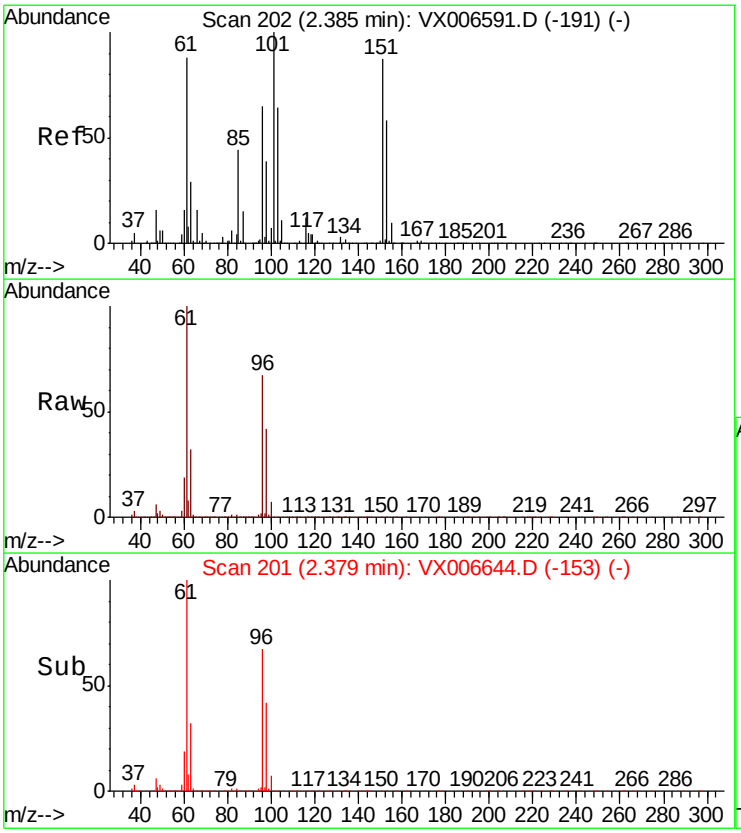
#6
Chloroethane
Concen: 64.230 ug/l
RT: 1.73 min Scan# 95
Delta R.T. 0.02 min
Lab File: VX006644.D
Acq: 19 Dec 2018 18:31

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 64 Resp: 288141

Ion	Ratio	Lower	Upper
64	100		
66	32.1	26.4	39.6

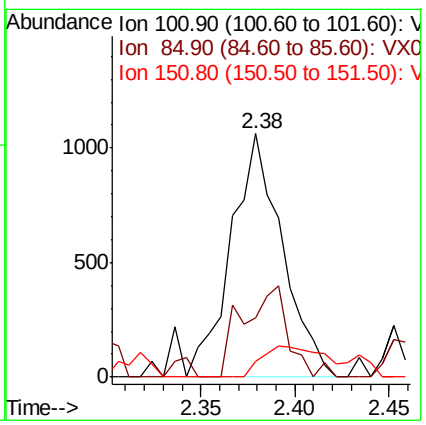


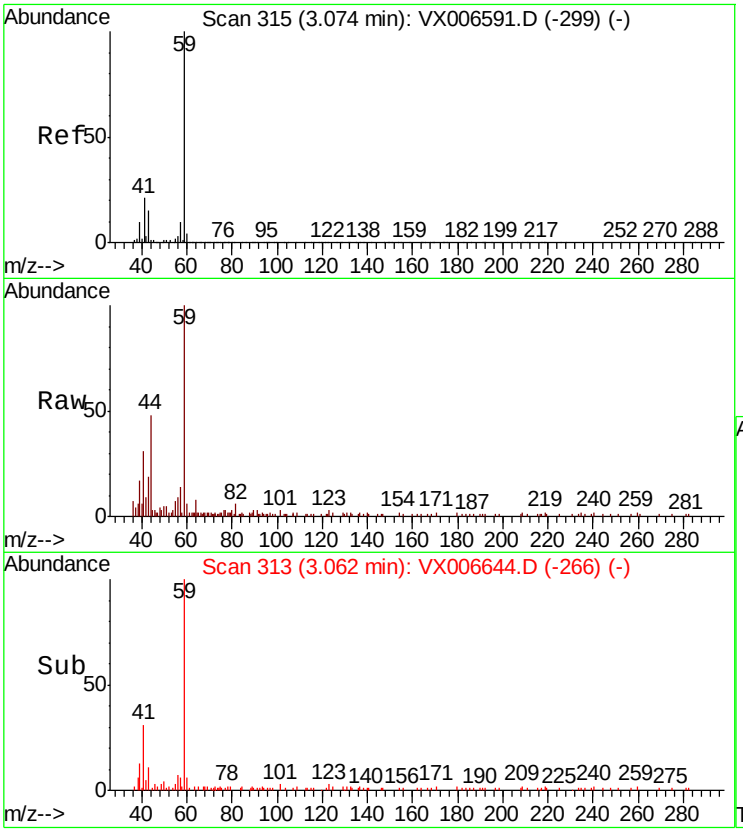


#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.337 ug/l
RT: 2.38 min Scan# 201
Delta R.T. -0.01 min
Lab File: VX006644.D
Acq: 19 Dec 2018 18:31

Tgt Ion:101 Resp: 2000

Ion	Ratio	Lower	Upper
101	100		
85	33.4	35.1	52.7#
151	15.0	68.9	103.3#



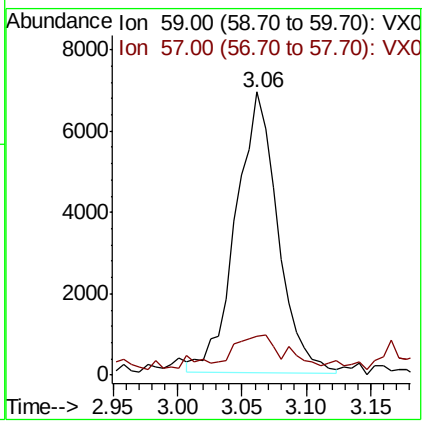


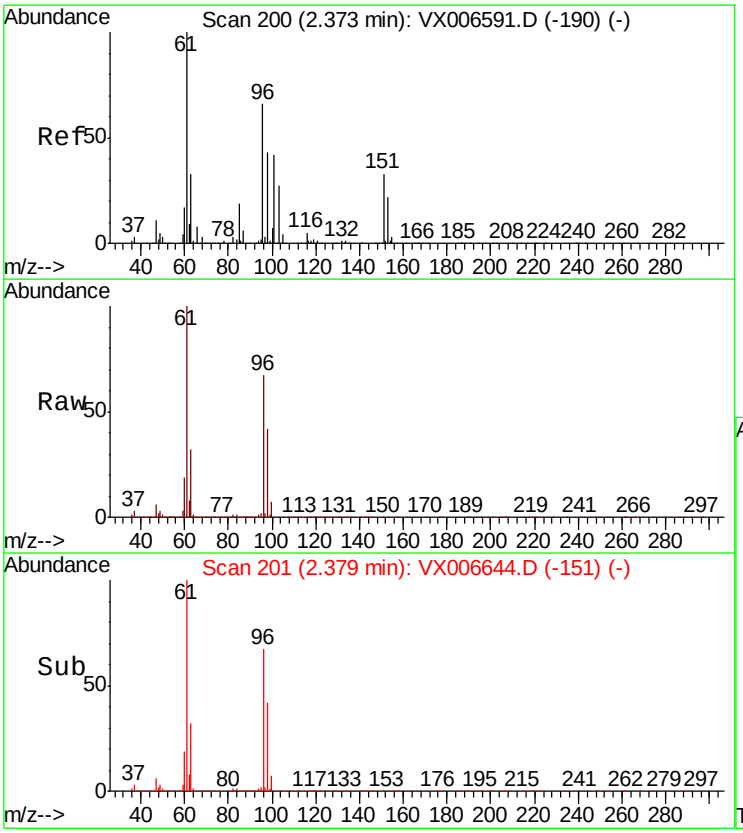
#11
Tert butyl alcohol
Concen: 10.266 ug/l
RT: 3.06 min Scan# 313
Delta R.T. -0.01 min
Lab File: VX006644.D
Acq: 19 Dec 2018 18:31

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 59 Resp: 15541

Ion	Ratio	Lower	Upper
59	100		
57	8.3	8.5	12.7#

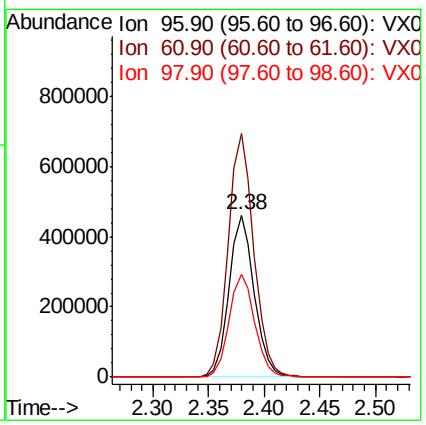


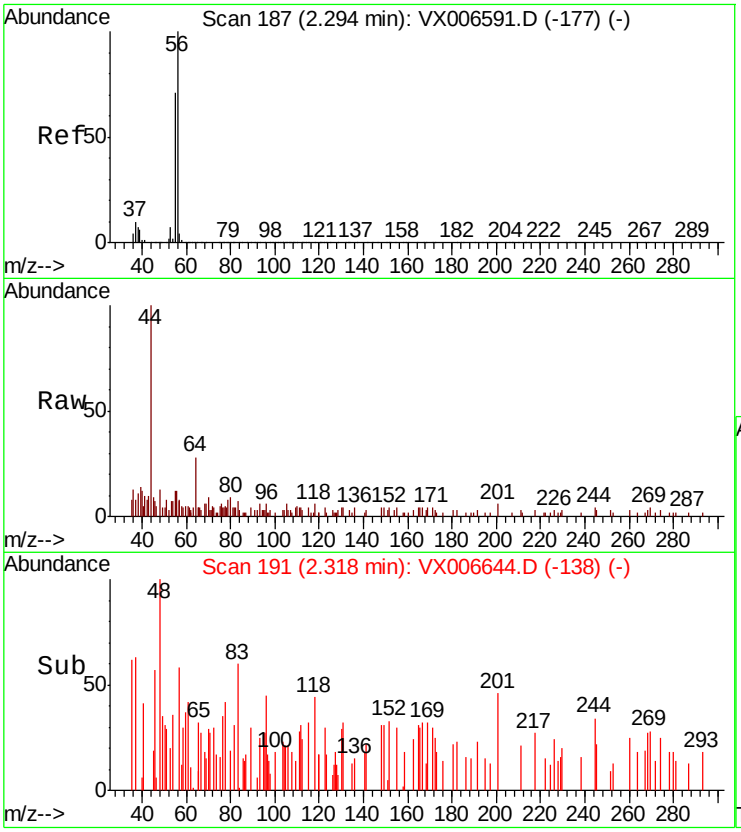


#12
1,1-Dichloroethene
Concen: 128.700 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX006644.D
Acq: 19 Dec 2018 18:31

Tgt Ion: 96 Resp: 723762

Ion	Ratio	Lower	Upper
96	100		
61	150.0	121.4	182.2
98	63.5	51.9	77.9



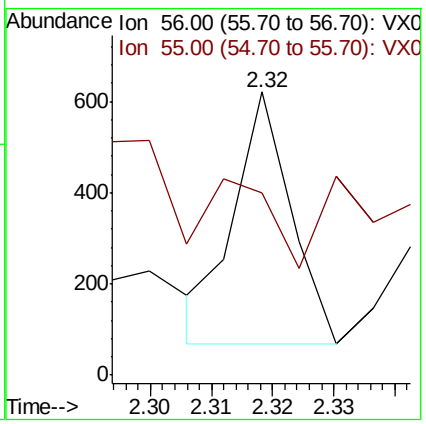


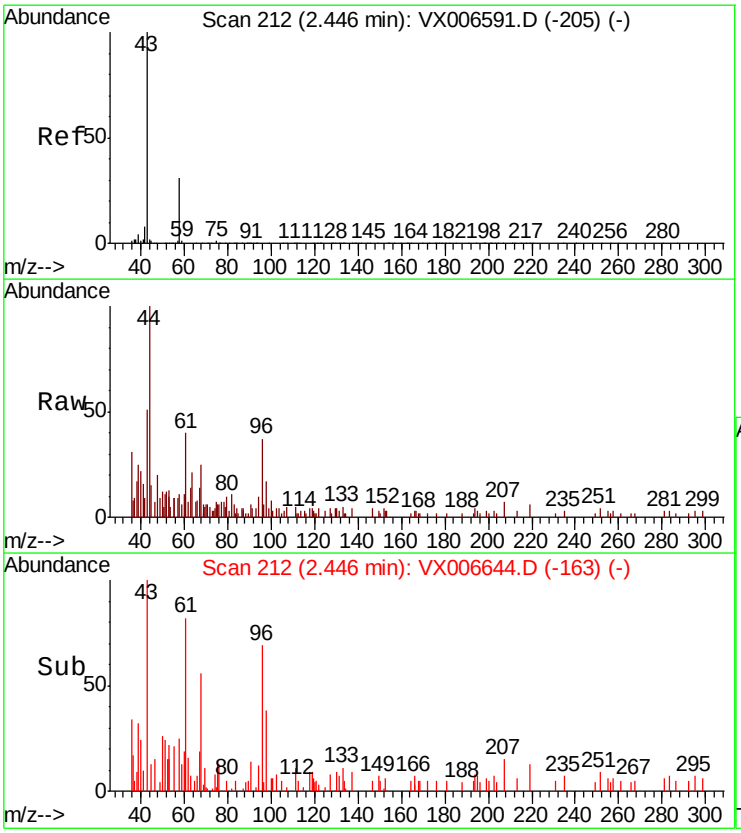
#13
Acrolein
Concen: 0.345 ug/l
RT: 2.32 min Scan# 191
Delta R.T. 0.02 min
Lab File: VX006644.D
Acq: 19 Dec 2018 18:31

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 352

Ion	Ratio	Lower	Upper
56	100		
55	0.0	58.2	87.4#

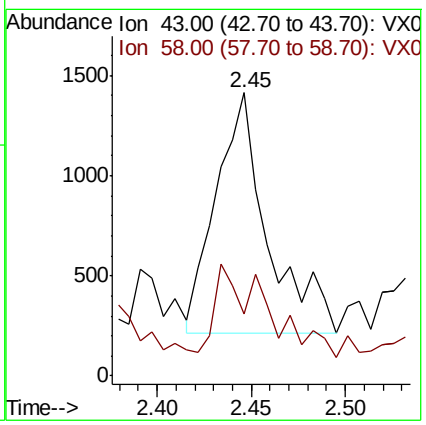


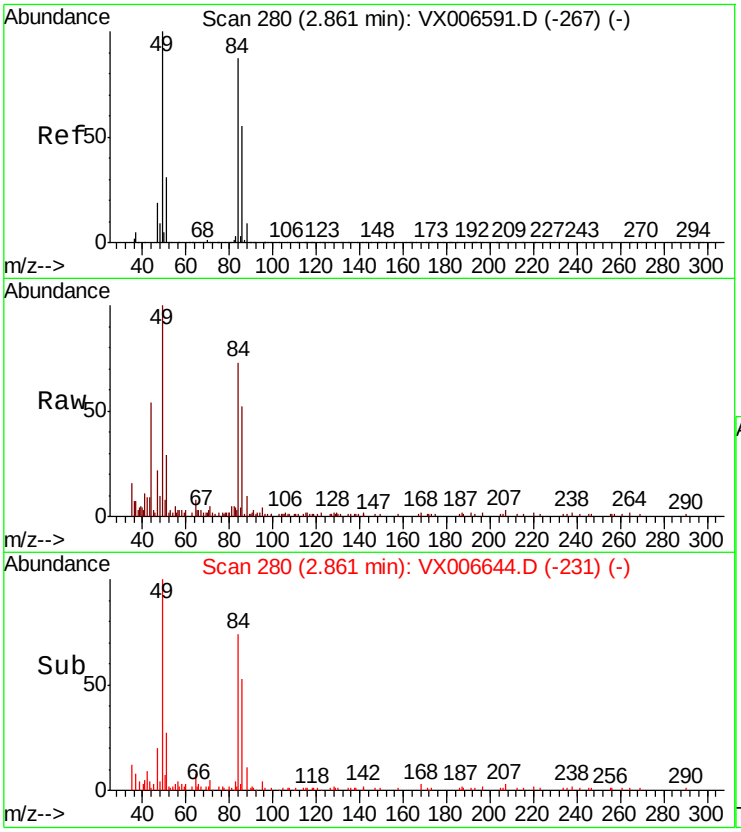


#16
Acetone
Concen: 0.729 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX006644.D
Acq: 19 Dec 2018 18:31

Tgt Ion: 43 Resp: 2271

Ion	Ratio	Lower	Upper
43	100		
58	14.7	25.0	37.6#



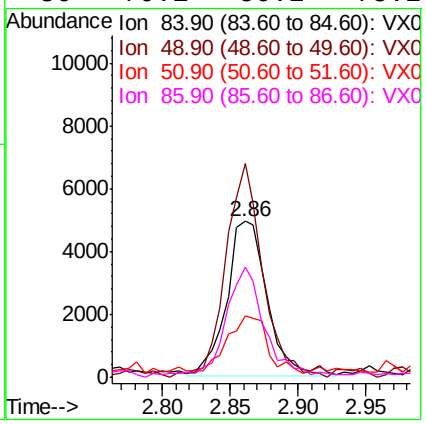


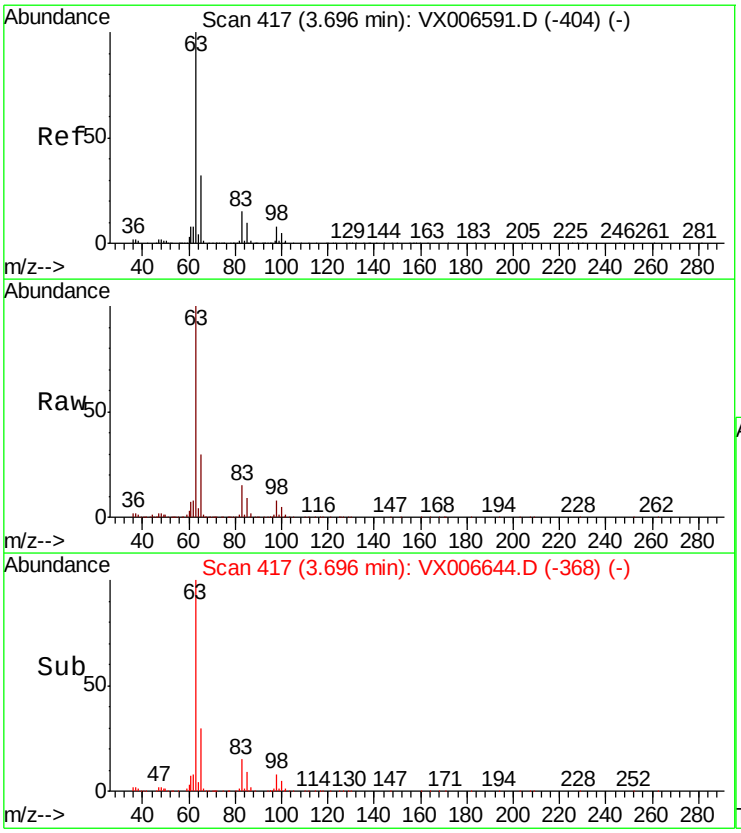
#20
Methylene Chloride
Concen: 1.604 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX006644.D
Acq: 19 Dec 2018 18:31

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 84 Resp: 10339

Ion	Ratio	Lower	Upper
84	100		
49	133.9	91.8	137.6
51	35.9	28.5	42.7
86	70.1	50.2	75.2

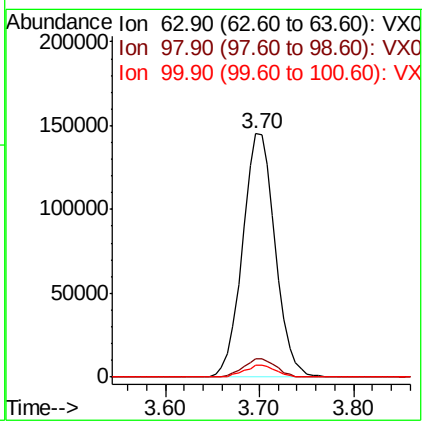


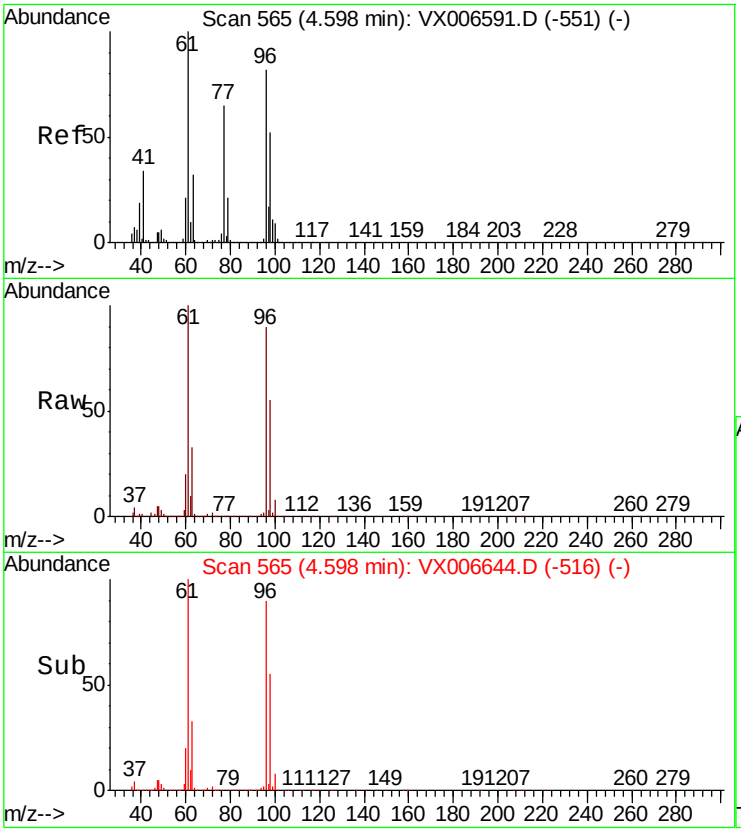


#24
1,1-Dichloroethane
Concen: 34.111 ug/l
RT: 3.70 min Scan# 417
Delta R.T. -0.00 min
Lab File: VX006644.D
Acq: 19 Dec 2018 18:31

Tgt Ion: 63 Resp: 352631

Ion	Ratio	Lower	Upper
63	100		
98	7.5	3.9	11.5
100	4.8	2.4	7.2



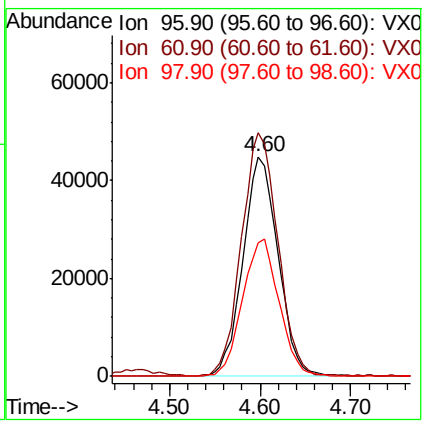


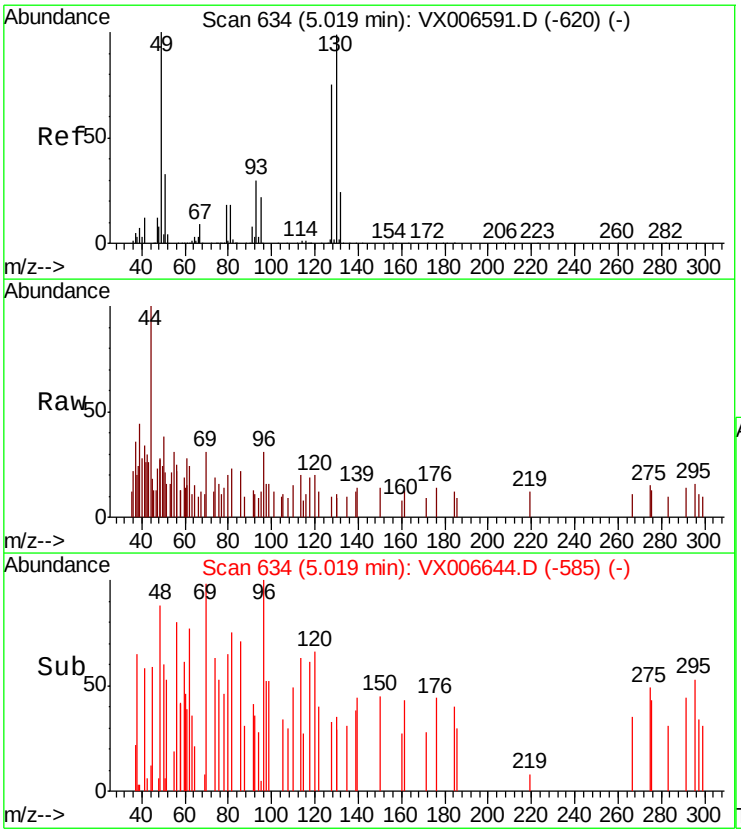
#27
cis-1,2-Dichloroethene
Concen: 17.538 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX006644.D
Acq: 19 Dec 2018 18:31

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 96 Resp: 120567

Ion	Ratio	Lower	Upper
96	100		
61	113.9	0.0	258.6
98	65.0	0.0	132.0

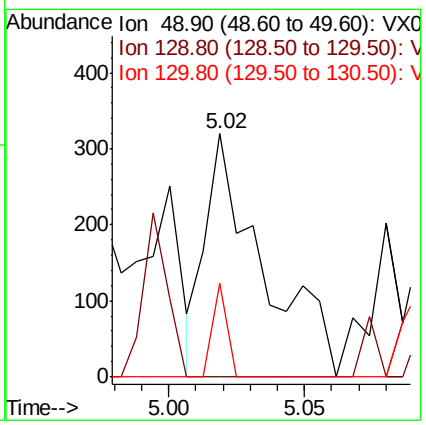


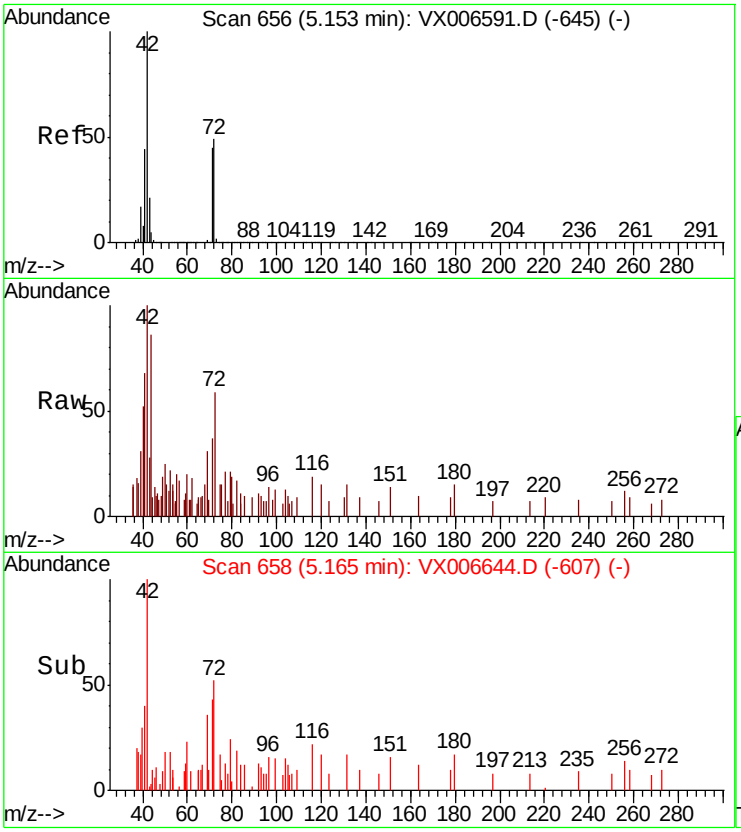


#28
Bromochloromethane
Concen: Below Cal
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX006644.D
Acq: 19 Dec 2018 18:31

Tgt Ion: 49 Resp: 465

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	5.4
130	9.7	77.7	116.5#



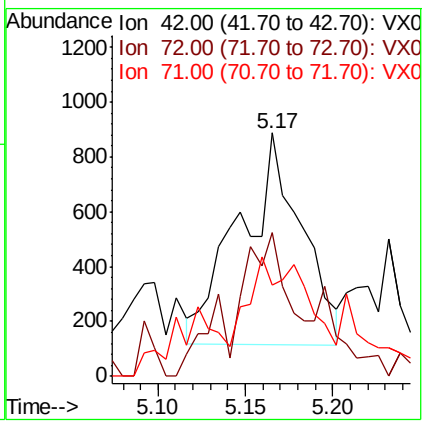


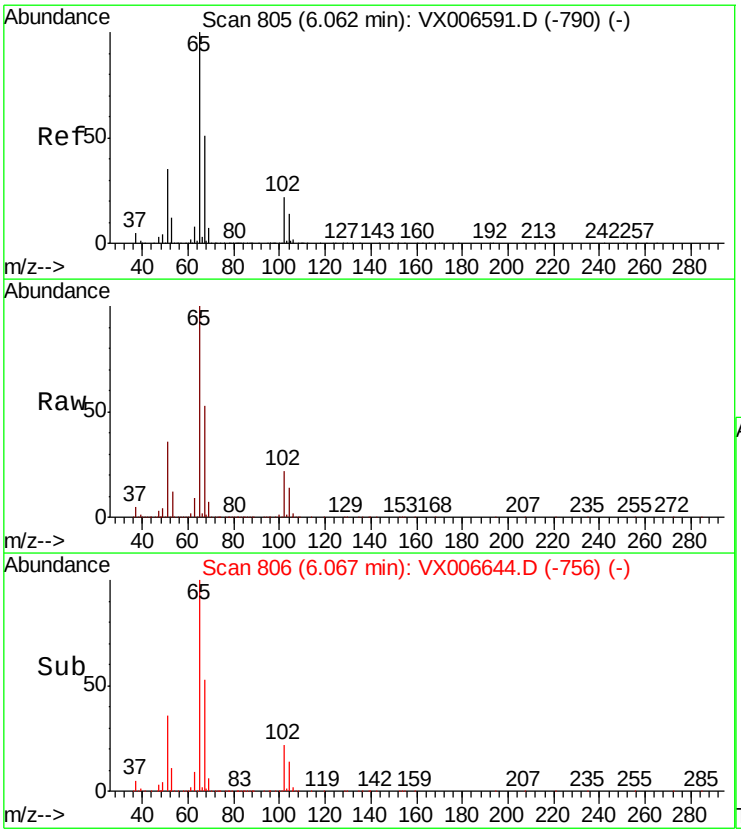
#29
Tetrahydrofuran
Concen: 0.660 ug/l
RT: 5.17 min Scan# 658
Delta R.T. 0.01 min
Lab File: VX006644.D
Acq: 19 Dec 2018 18:31

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 42 Resp: 1907

Ion	Ratio	Lower	Upper
42	100		
72	61.5	38.9	58.3#
71	42.5	36.2	54.4

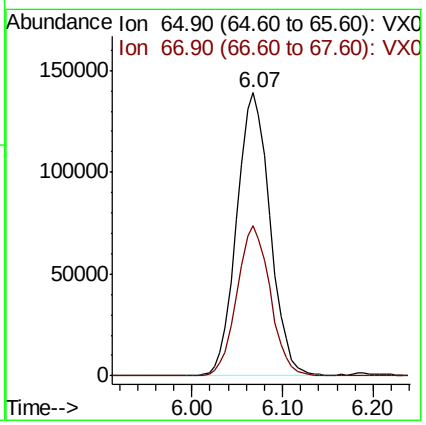


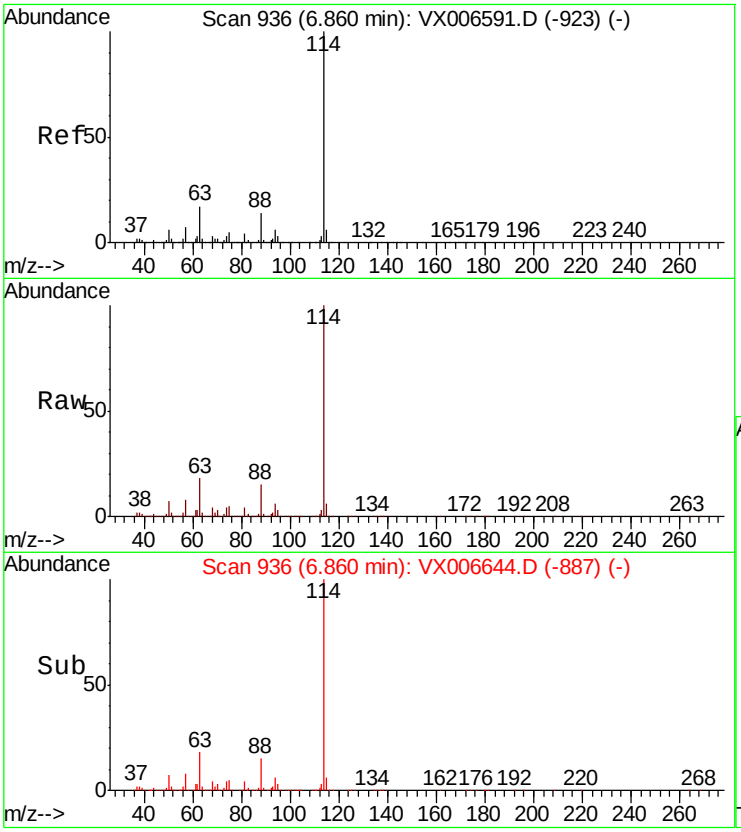


#33
1,2-Dichloroethane-d4
Concen: 52.380 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.01 min
Lab File: VX006644.D
Acq: 19 Dec 2018 18:31

Tgt Ion: 65 Resp: 355324

Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	105.0



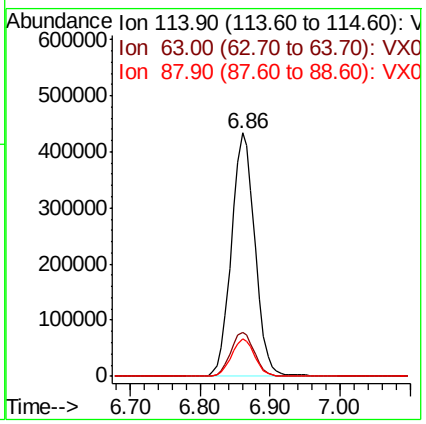


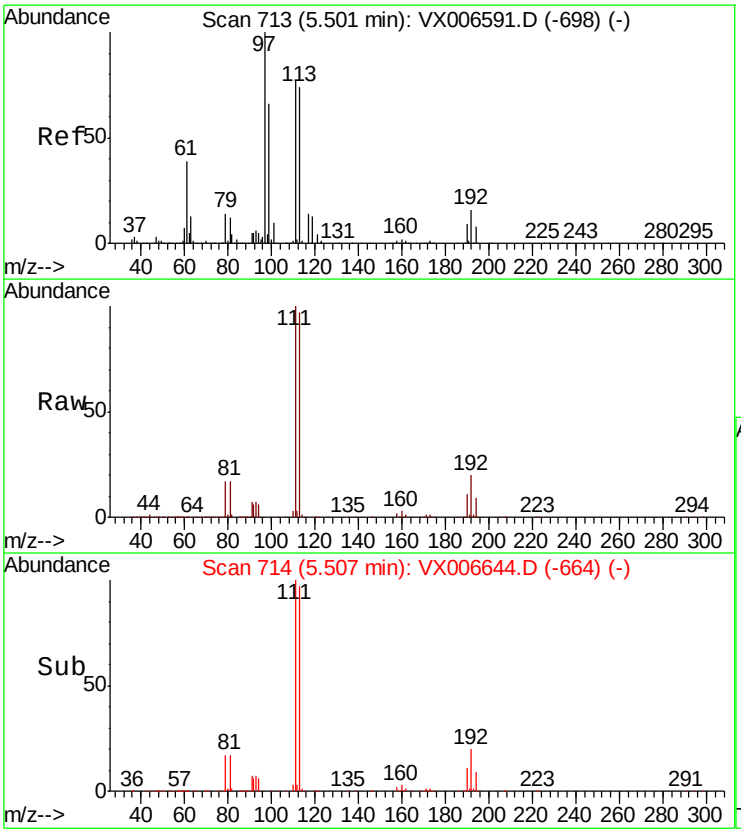
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX006644.D
Acq: 19 Dec 2018 18:31

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:114 Resp: 1012297

Ion	Ratio	Lower	Upper
114	100		
63	18.1	0.0	34.8
88	15.5	0.0	28.8

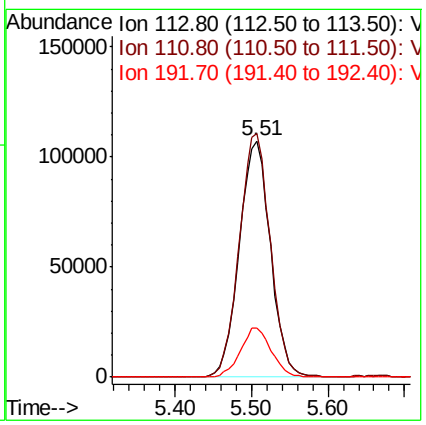


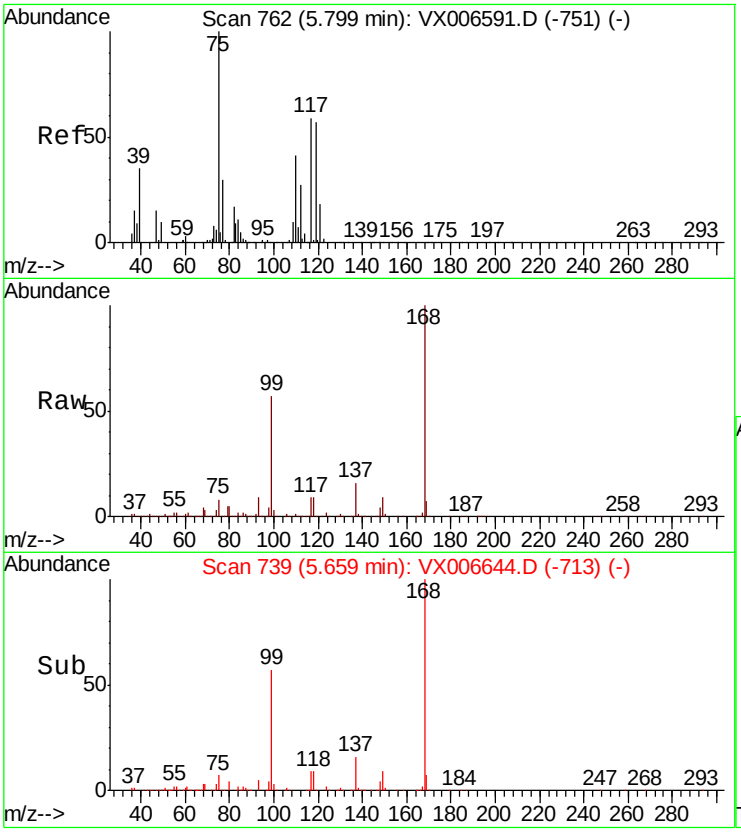


#35
Dibromofluoromethane
Concen: 47.395 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX006644.D
Acq: 19 Dec 2018 18:31

Tgt Ion:113 Resp: 303403

Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.6	122.4
192	20.7	16.7	25.1



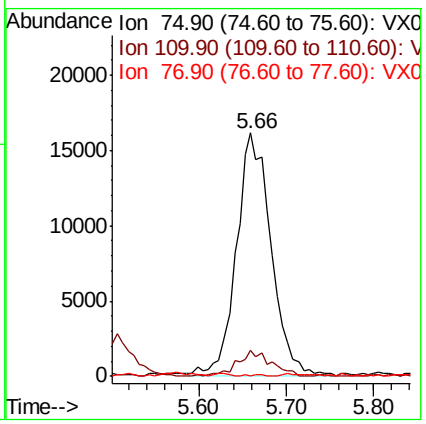


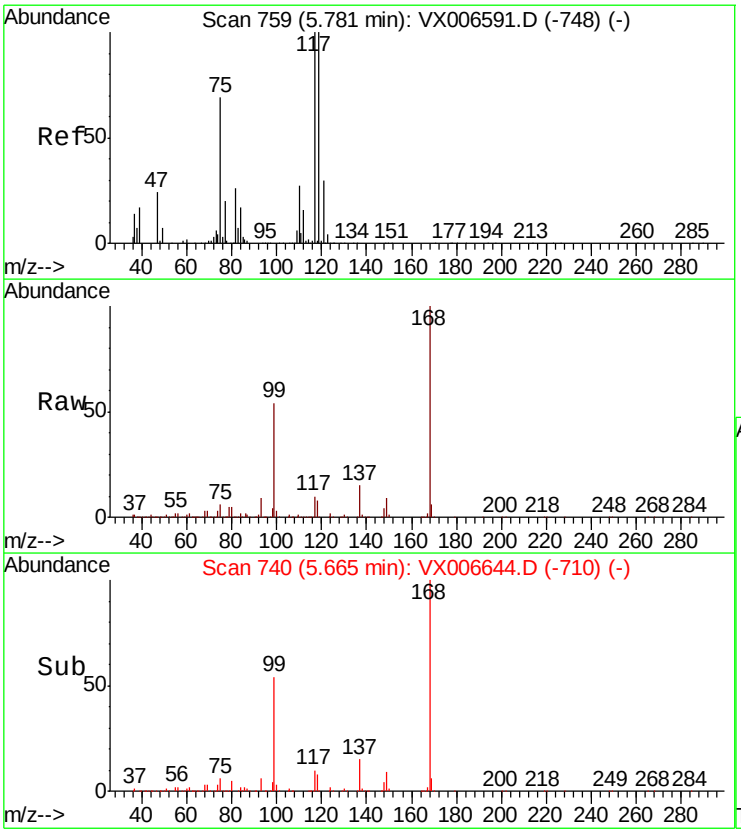
#36
1,1-Dichloropropene
Concen: 5.261 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX006644.D
Acq: 19 Dec 2018 18:31

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 44109

Ion	Ratio	Lower	Upper
75	100		
110	10.5	20.2	60.5#
77	0.2	24.8	37.2#

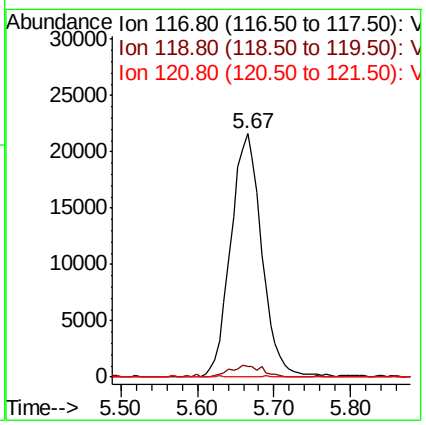


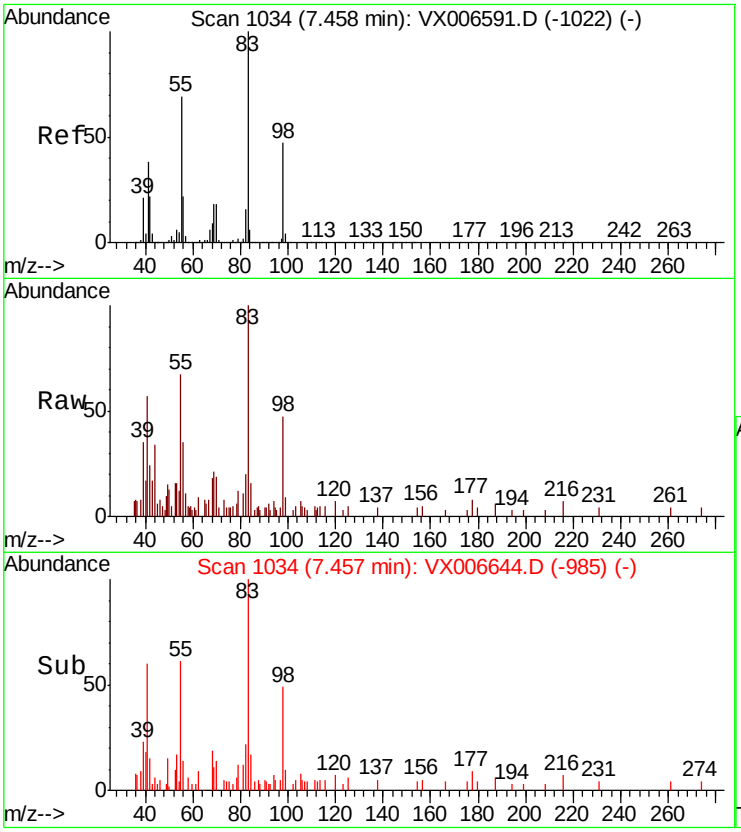


#38
Carbon Tetrachloride
Concen: 7.486 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX006644.D
Acq: 19 Dec 2018 18:31

Tgt Ion:117 Resp: 61000

Ion	Ratio	Lower	Upper
117	100		
119	4.5	79.4	119.2#
121	0.0	24.0	36.0#



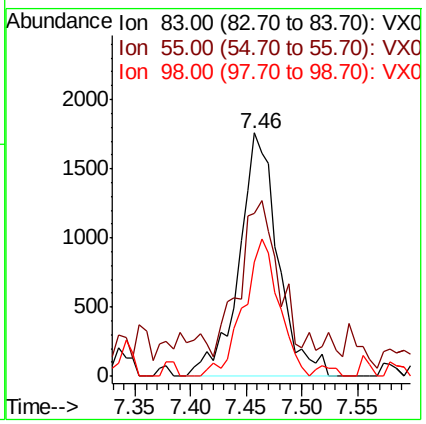


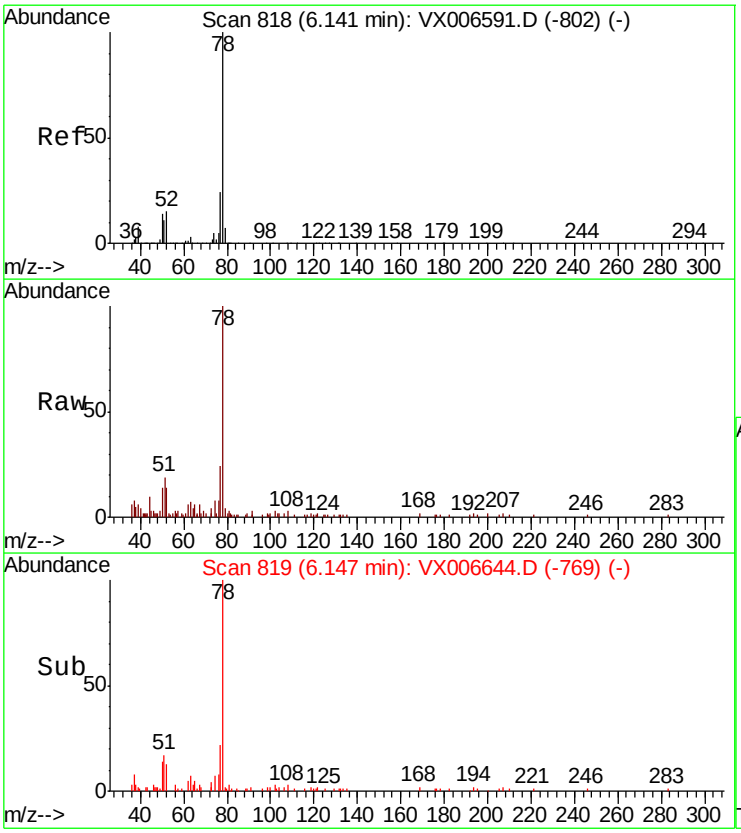
#39
Methylcyclohexane
Concen: 0.386 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VX006644.D
Acq: 19 Dec 2018 18:31

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 83 Resp: 4264

Ion	Ratio	Lower	Upper
83	100		
55	56.3	54.9	82.3
98	46.7	37.9	56.9

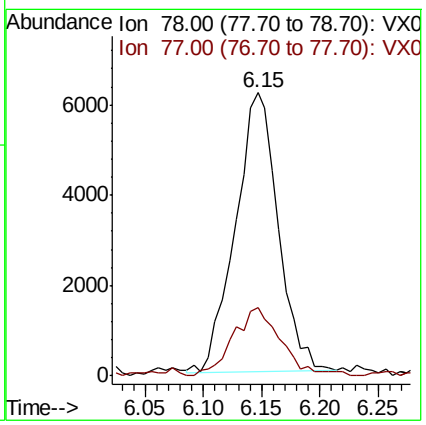


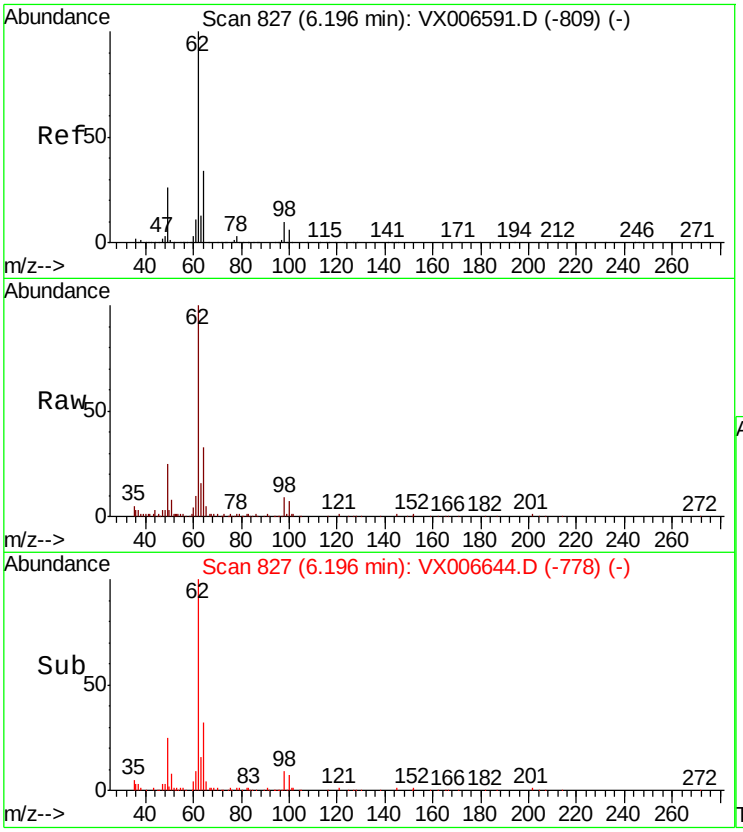


#40
Benzene
Concen: 0.617 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX006644.D
Acq: 19 Dec 2018 18:31

Tgt Ion: 78 Resp: 15723

Ion	Ratio	Lower	Upper
78	100		
77	24.8	19.2	28.8



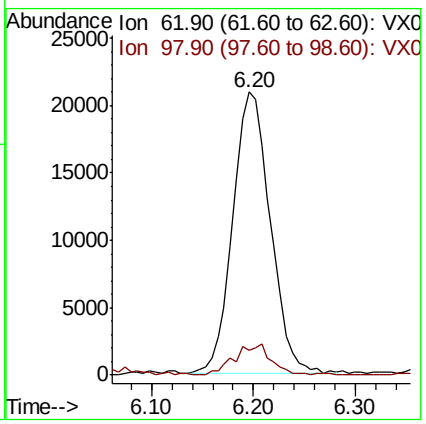


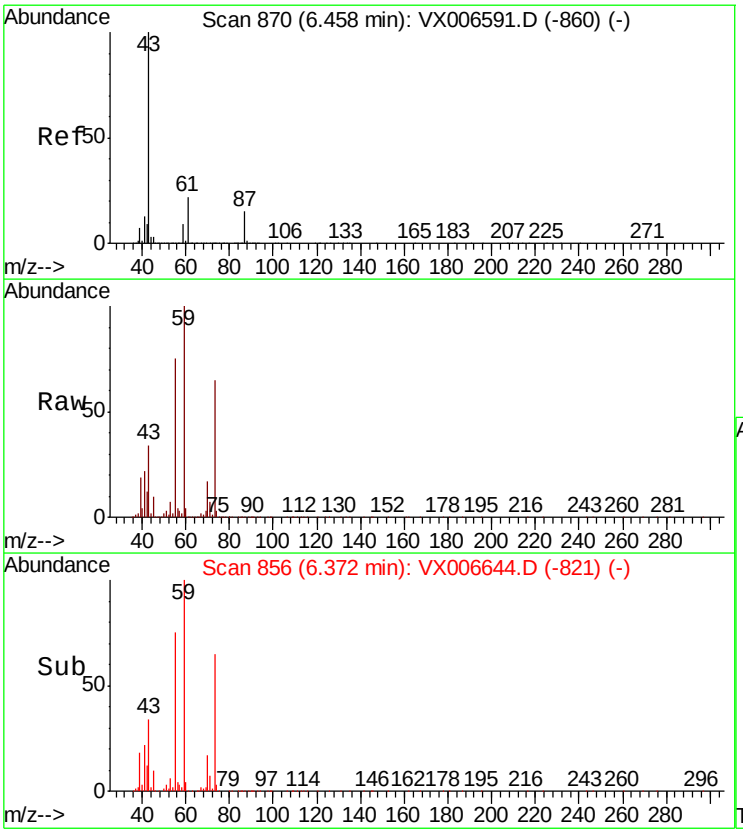
#42
1,2-Dichloroethane
Concen: 6.138 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX006644.D
Acq: 19 Dec 2018 18:31

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 62 Resp: 53301

Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	20.2

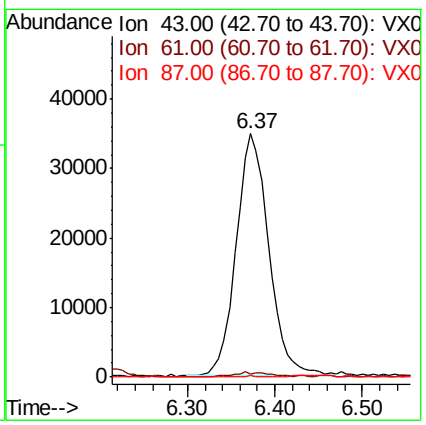


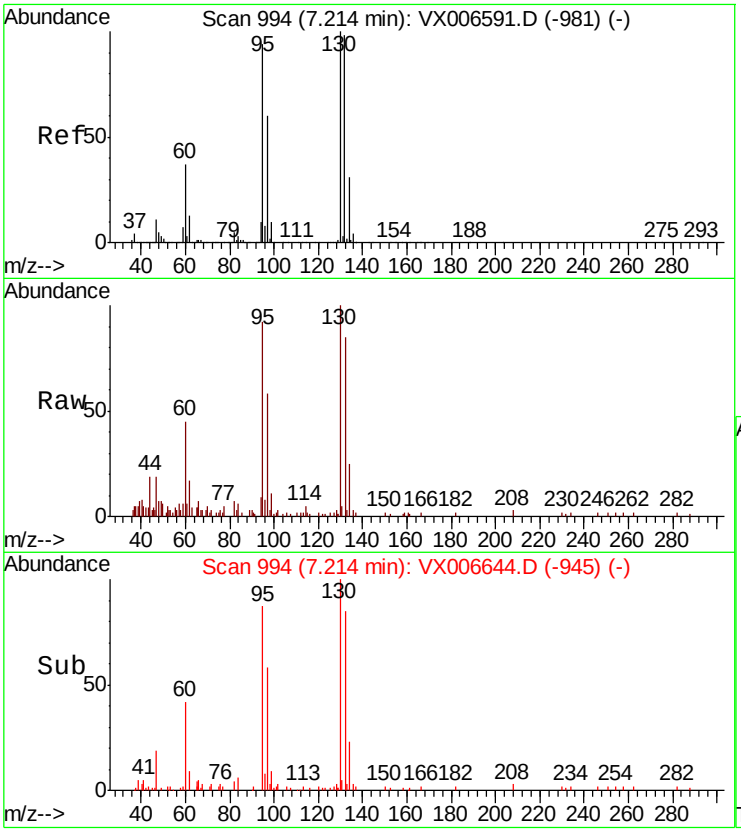


#43
Isopropyl Acetate
Concen: 6.842 ug/l
RT: 6.37 min Scan# 856
Delta R.T. -0.09 min
Lab File: VX006644.D
Acq: 19 Dec 2018 18:31

Tgt Ion: 43 Resp: 90840

Ion	Ratio	Lower	Upper
43	100		
61	2.3	16.8	25.2#
87	0.1	12.4	18.6#



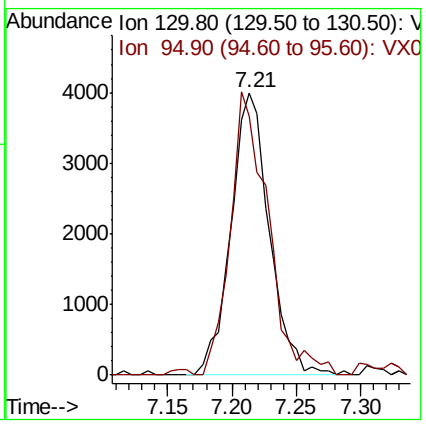


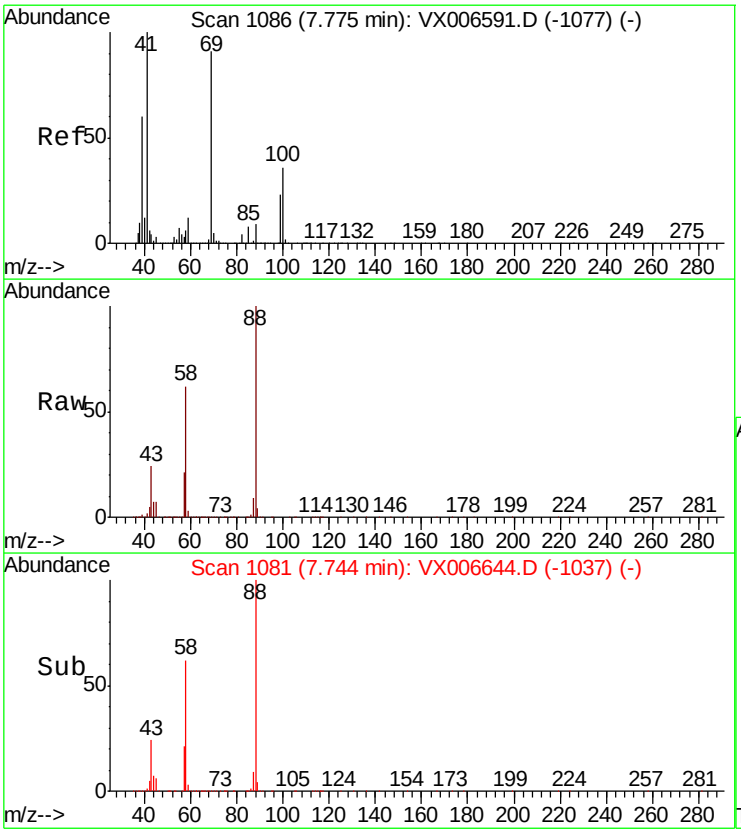
#44
Trichloroethene
Concen: 1.068 ug/l
RT: 7.21 min Scan# 994
Delta R.T. -0.00 min
Lab File: VX006644.D
Acq: 19 Dec 2018 18:31

Tgt Ion:130 Resp: 8239

Ion	Ratio	Lower	Upper
130	100		
95	92.0	0.0	187.0

Instrument :
MSVOA_X
ClientSampleId :

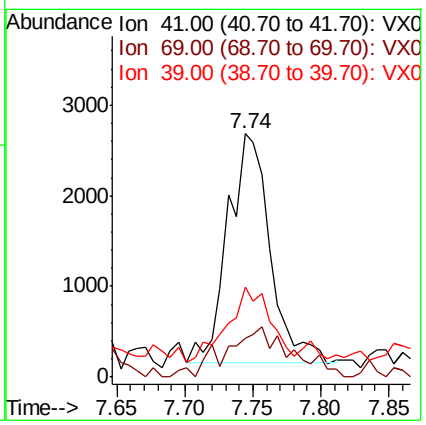


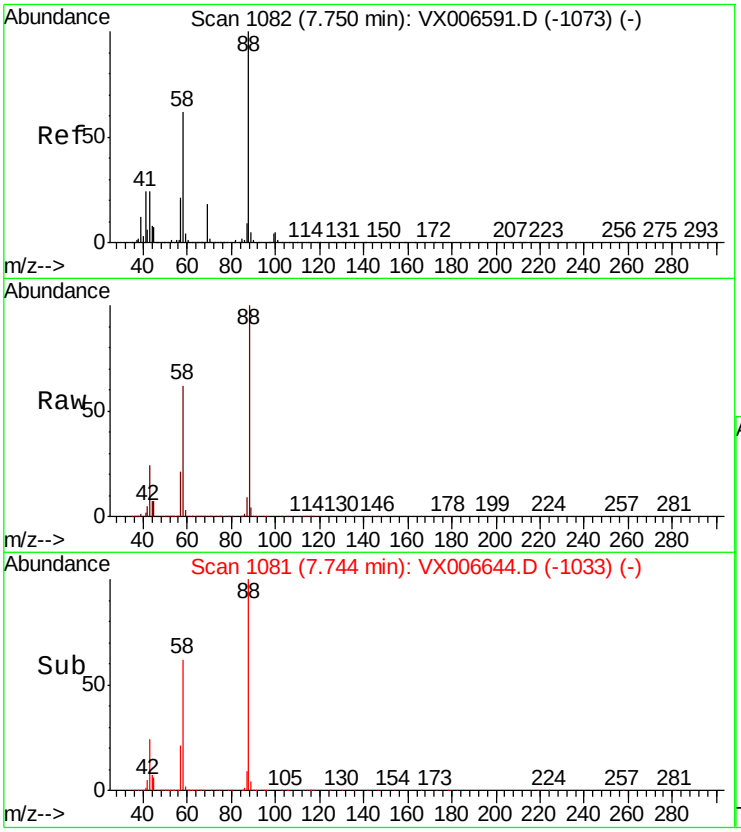


#48
Methyl methacrylate
Concen: 0.806 ug/l
RT: 7.74 min Scan# 1081
Delta R.T. -0.03 min
Lab File: VX006644.D
Acq: 19 Dec 2018 18:31

Tgt Ion: 41 Resp: 5442

Ion	Ratio	Lower	Upper
41	100		
69	28.2	72.4	108.6#
39	33.9	45.8	68.8#



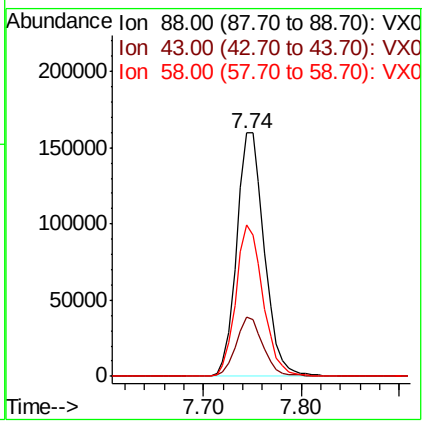


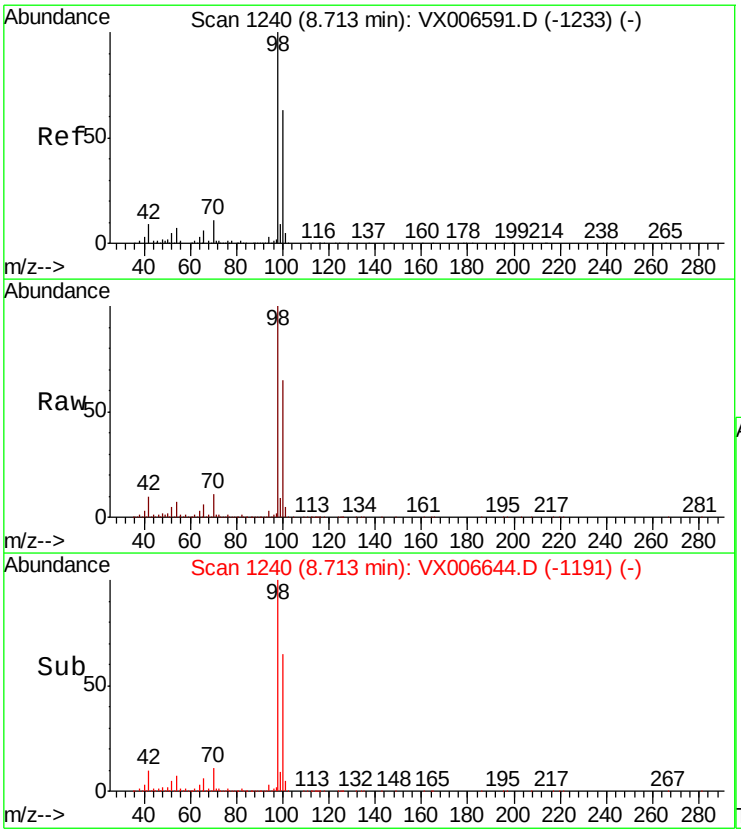
#49
1,4-Dioxane
Concen: 1788.943 ug/l
RT: 7.74 min Scan# 1081
Delta R.T. -0.01 min
Lab File: VX006644.D
Acq: 19 Dec 2018 18:31

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 88 Resp: 313270

Ion	Ratio	Lower	Upper
88	100		
43	23.7	22.2	33.4
58	61.0	51.0	76.4

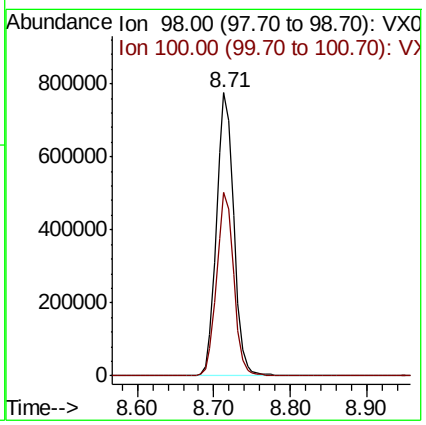


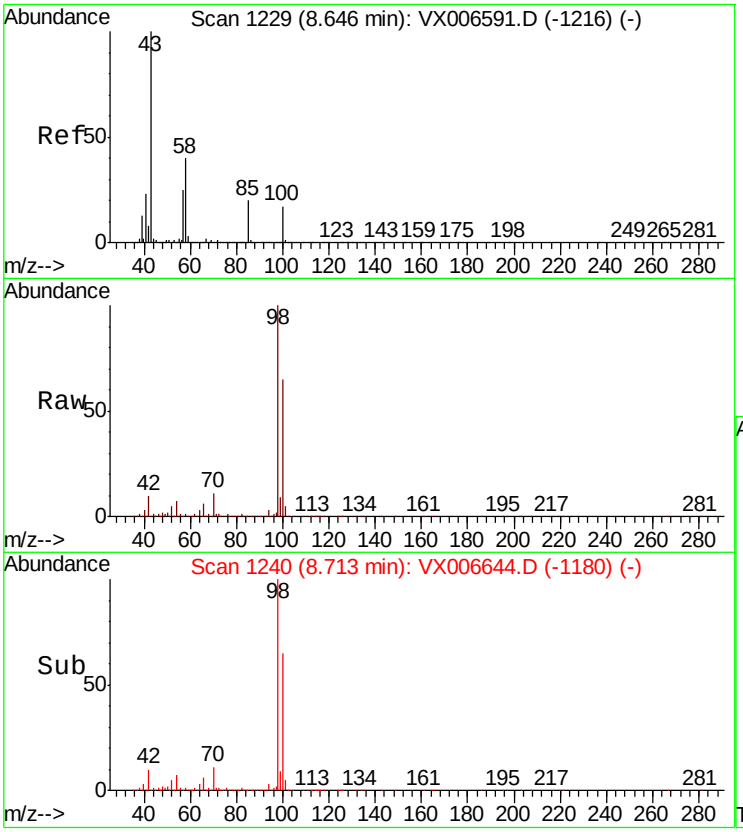


#50
Toluene-d8
Concen: 50.296 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX006644.D
Acq: 19 Dec 2018 18:31

Tgt Ion: 98 Resp: 1213861

Ion	Ratio	Lower	Upper
98	100		
100	63.9	52.0	78.0



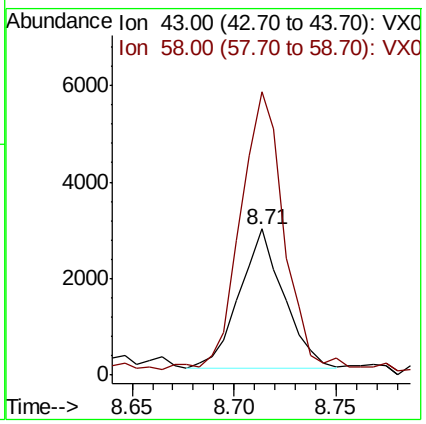


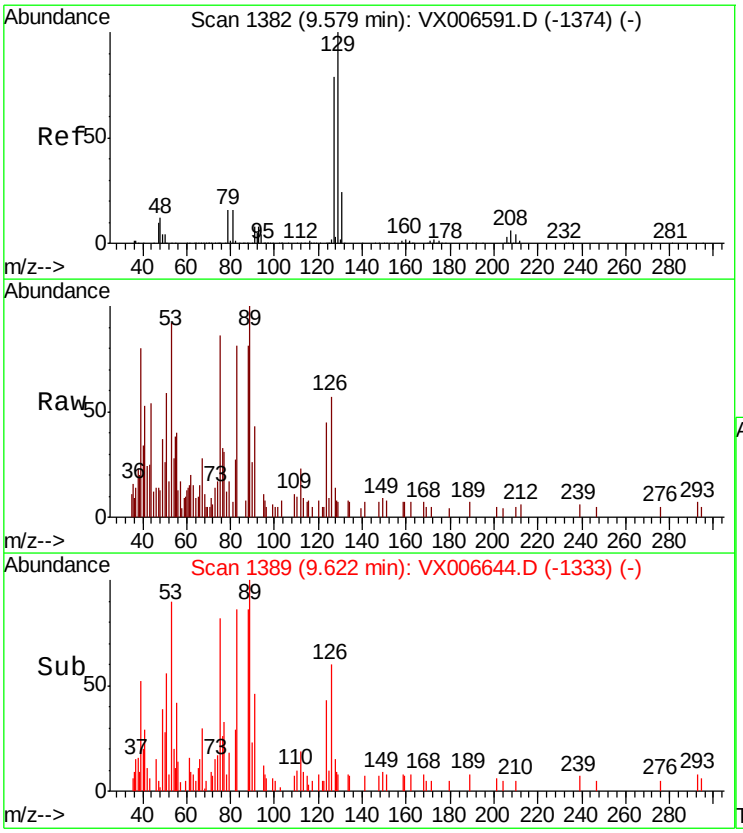
#51
4-Methyl-2-Pentanone
Concen: 0.513 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.07 min
Lab File: VX006644.D
Acq: 19 Dec 2018 18:31

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 4335

Ion	Ratio	Lower	Upper
43	100		
58	200.8	31.8	47.6#

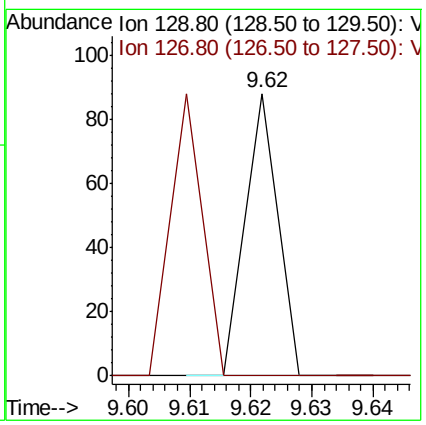


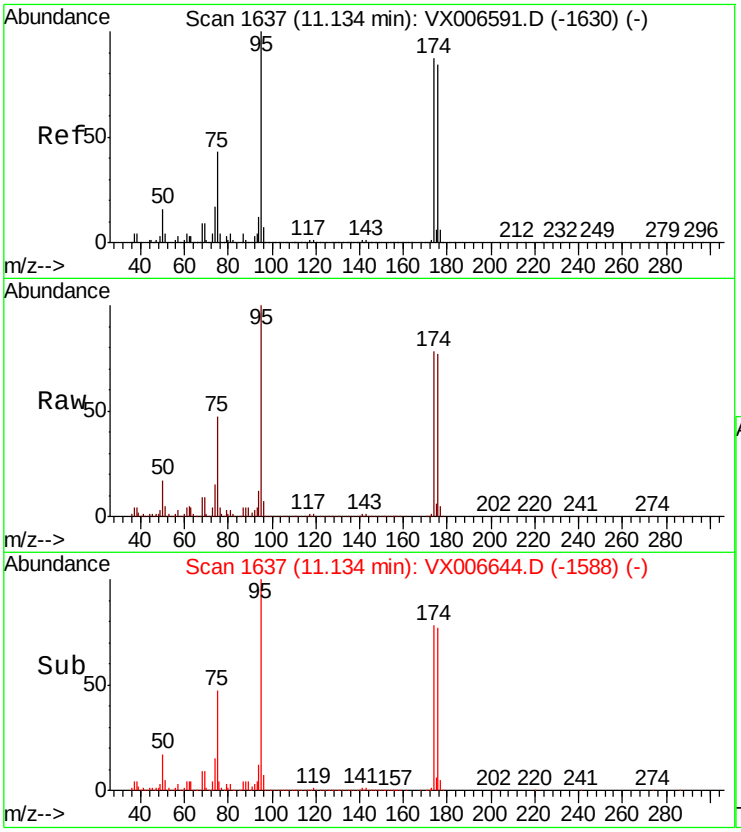


#60
Dibromochloromethane
Concen: 2.329 ug/l
RT: 9.62 min Scan# 1389
Delta R.T. 0.04 min
Lab File: VX006644.D
Acq: 19 Dec 2018 18:31

Tgt Ion:129 Resp: 32

Ion	Ratio	Lower	Upper
129	100		
127	100.0	39.3	117.8



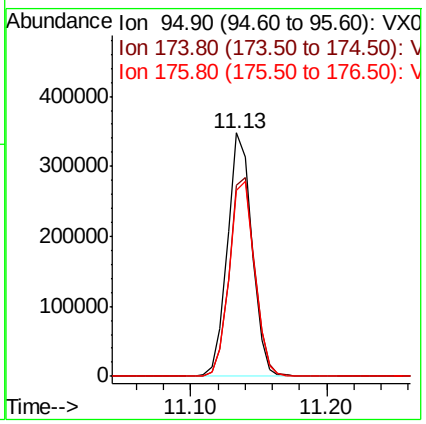


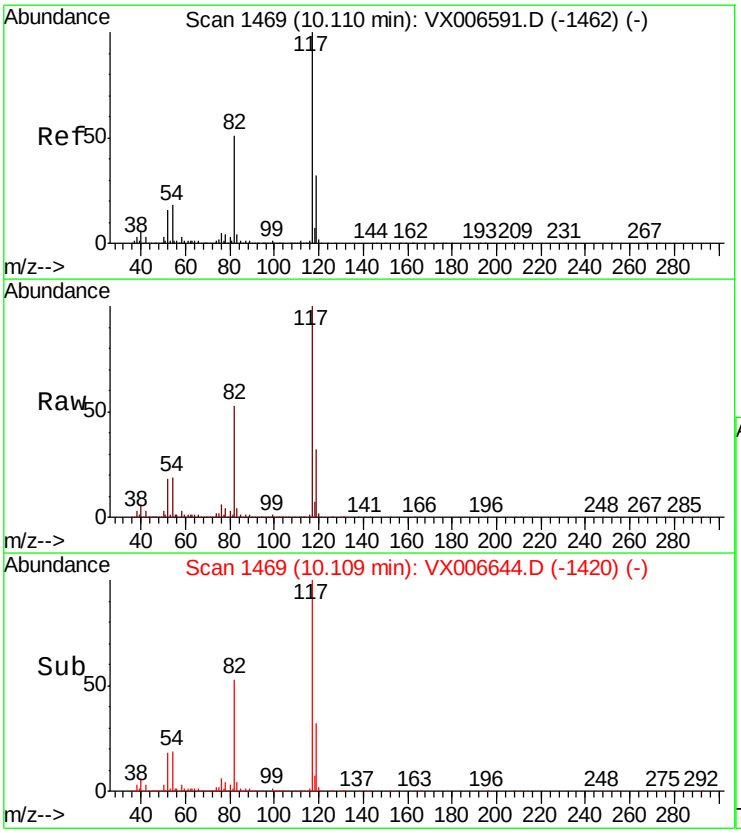
#62
4-Bromofluorobenzene
Concen: 49.316 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX006644.D
Acq: 19 Dec 2018 18:31

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 95 Resp: 435900

Ion	Ratio	Lower	Upper
95	100		
174	84.5	0.0	182.2
176	83.0	0.0	178.8

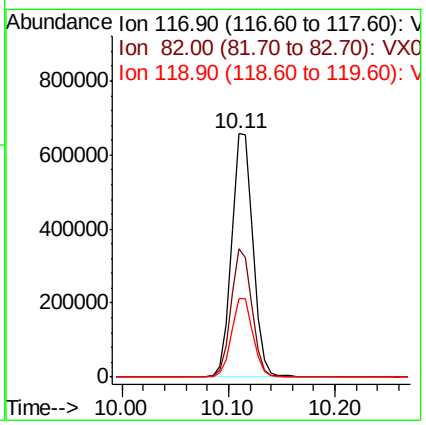


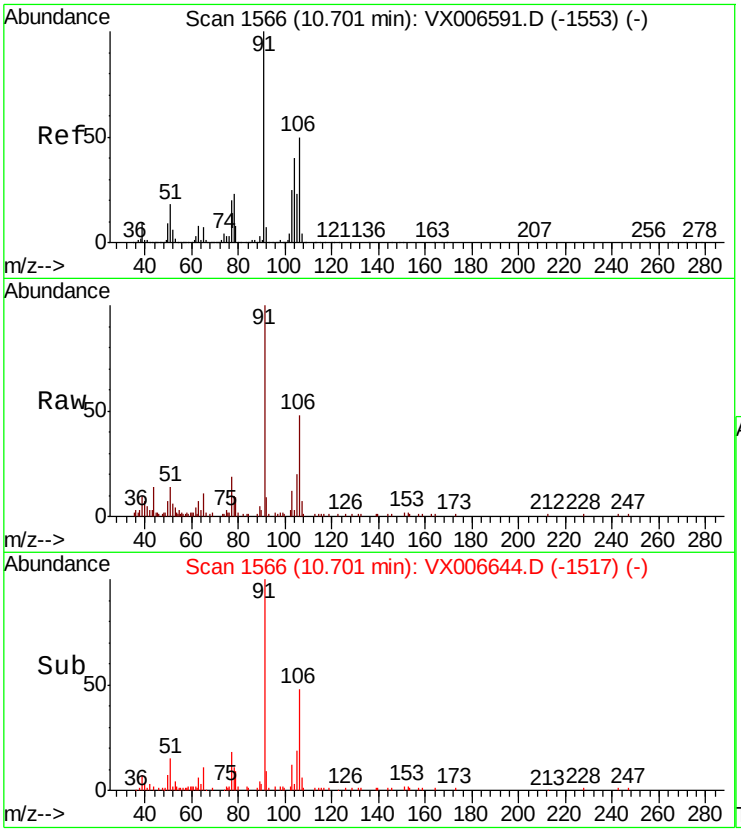


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX006644.D
Acq: 19 Dec 2018 18:31

Tgt Ion:117 Resp: 930800

Ion	Ratio	Lower	Upper
117	100		
82	53.0	41.0	61.6
119	32.4	25.4	38.0



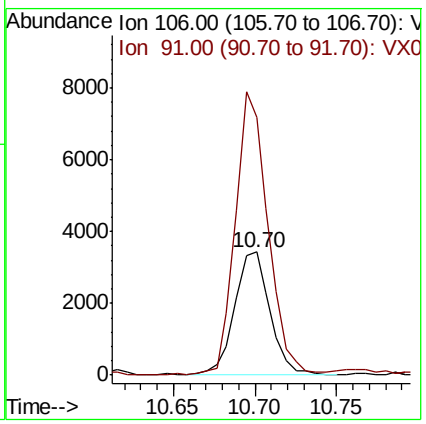


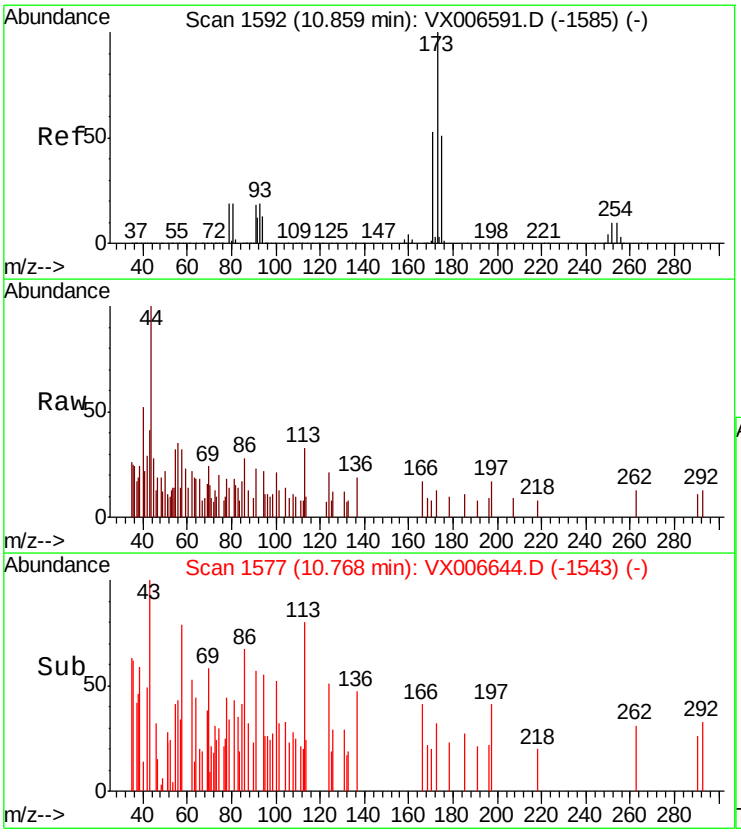
#69
o-Xylene
Concen: 0.415 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX006644.D
Acq: 19 Dec 2018 18:31

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:106 Resp: 5200

Ion	Ratio	Lower	Upper
106	100		
91	211.9	101.3	303.7

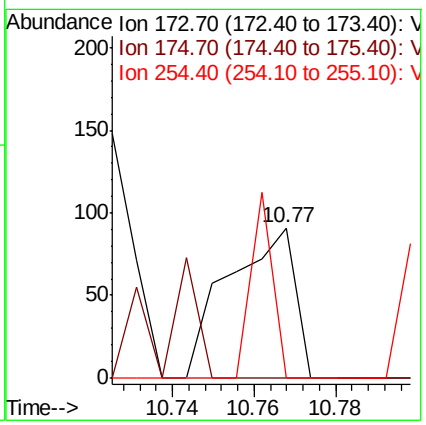


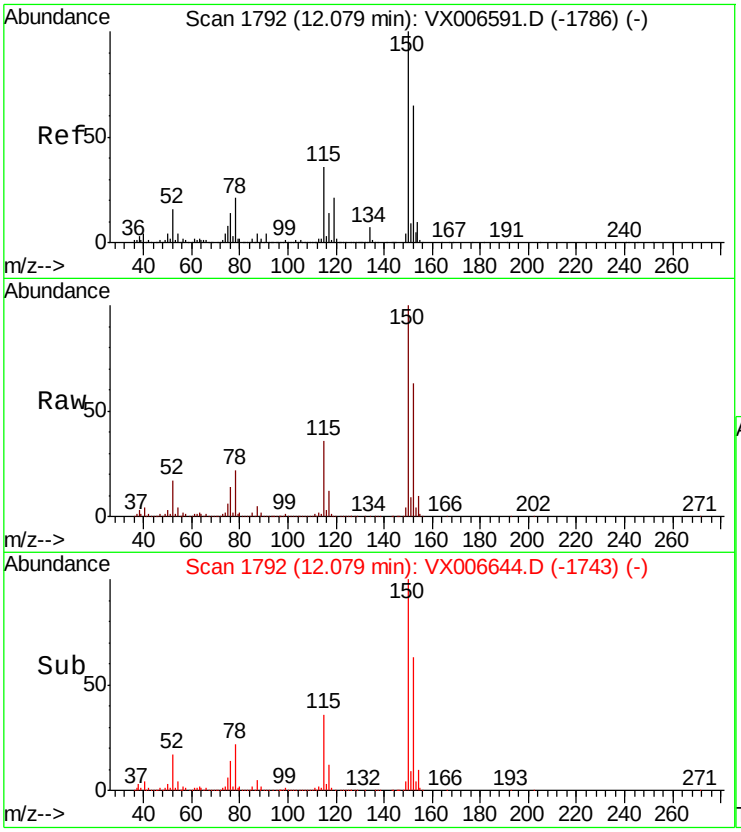


#71
Bromoform
Concen: 4.477 ug/l
RT: 10.77 min Scan# 1577
Delta R.T. -0.09 min
Lab File: VX006644.D
Acq: 19 Dec 2018 18:31

Tgt Ion:173 Resp: 104

Ion	Ratio	Lower	Upper
173	100		
175	0.0	24.7	74.1#
254	39.4	0.2	0.2#



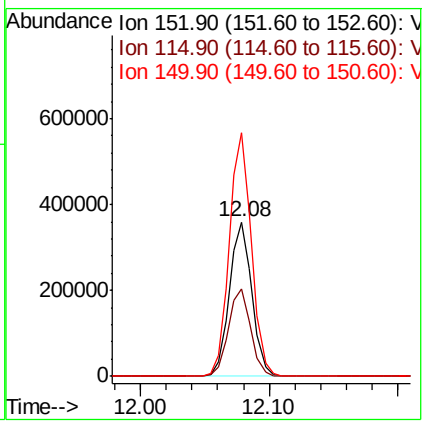


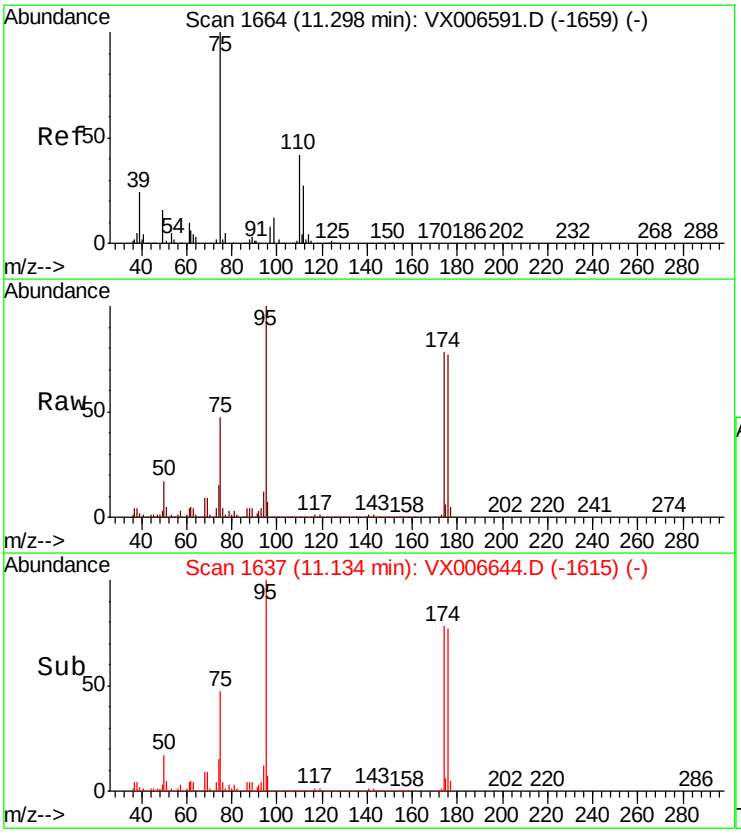
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX006644.D
Acq: 19 Dec 2018 18:31

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion:152 Resp: 438120

Ion	Ratio	Lower	Upper
152	100		
115	56.5	39.1	117.2
150	156.1	0.0	344.8

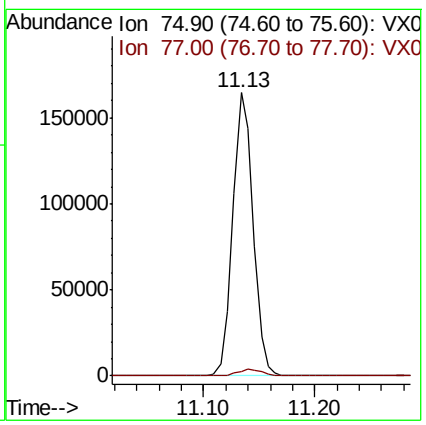


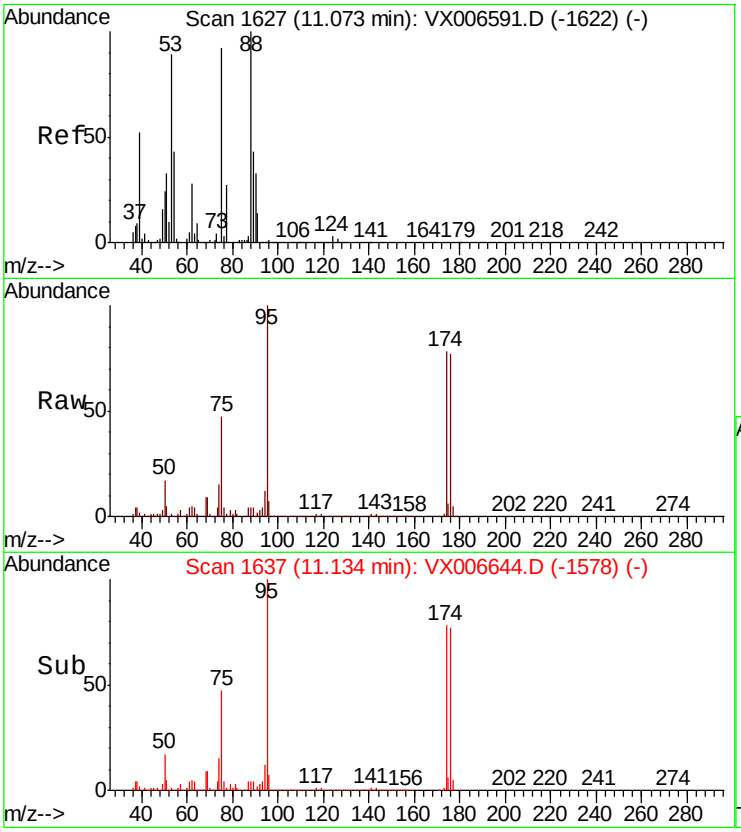


#76
1,2,3-Trichloropropane
Concen: 25.567 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX006644.D
Acq: 19 Dec 2018 18:31

Tgt Ion: 75 Resp: 208167

Ion	Ratio	Lower	Upper
75	100		
77	2.9	18.5	55.5#



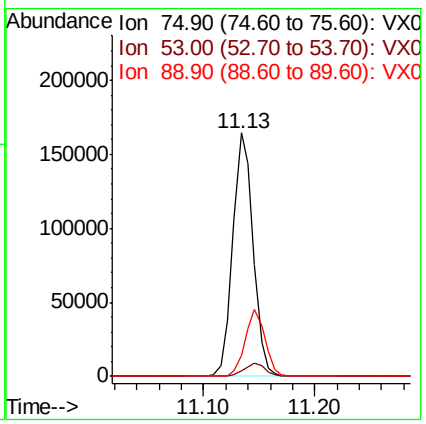


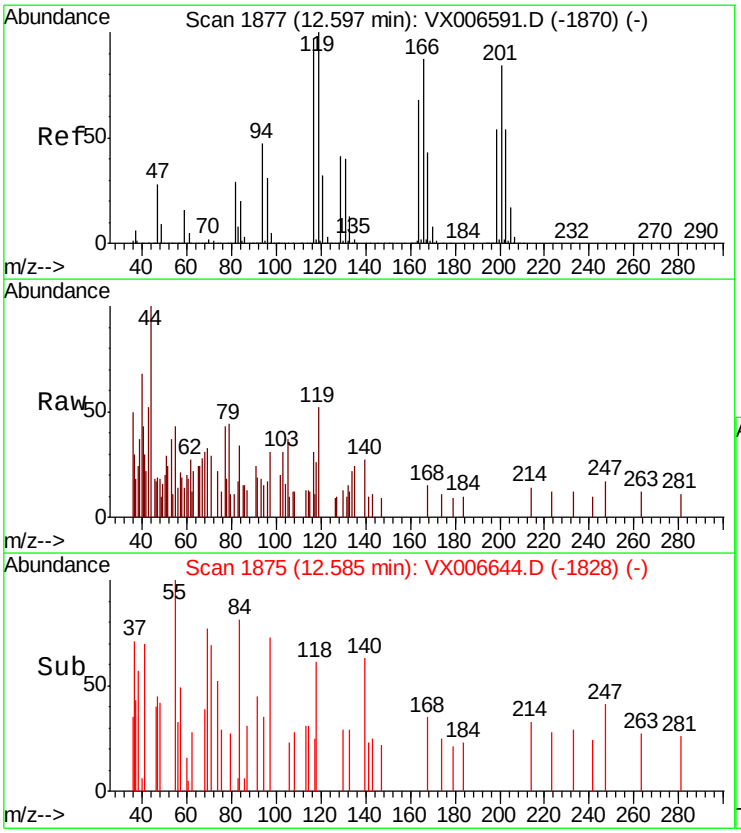
#81
trans-1,4-Dichloro-2-butene
Concen: 75.453 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX006644.D
Acq: 19 Dec 2018 18:31

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 208167

Ion	Ratio	Lower	Upper
75	100		
53	5.5	79.7	119.5#
89	27.1	38.0	57.0#





#90
Hexachloroethane
Concen: 3.353 ug/l
RT: 12.58 min Scan# 1875
Delta R.T. -0.01 min
Lab File: VX006644.D
Acq: 19 Dec 2018 18:31

Tgt Ion:117 Resp: 266

Ion	Ratio	Lower	Upper
117	100		
201	0.0	42.9	128.7#