Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121818\
Data File : VX006623.D
Acq On : 19 Dec 2018 03:25
Operator : JC/MD
Sample : J6408-17
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SA.PZ163I-20181208

Quant Time: Dec 19 06:07:11 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 18 13:23:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	635579	50.00 ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1014519	50.00 ug/l	0.00
63) Chlorobenzene-d5	10.11	117	935163	50.00 ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	444824	50.00 ug/l	0.00
System Monitoring Compounds					
33) 1,2-Dichloroethane-d4	6.07	65	355820	51.94 ug/l	0.00
Spiked Amount 50.000			Recovery = 103.88%		
35) Dibromofluoromethane	5.50	113	301254	46.96 ug/l	0.00
Spiked Amount 50.000			Recovery = 93.92%		
50) Toluene-d8	8.71	98	1214184	50.20 ug/l	0.00
Spiked Amount 50.000			Recovery = 100.40%		
62) 4-Bromofluorobenzene	11.13	95	445726	50.32 ug/l	0.00
Spiked Amount 50.000			Recovery = 100.64%		
Target Compounds					Qvalue
5) Bromomethane	1.64	94	1894	Below Cal #	55
6) Chloroethane	1.73	64	4583	1.012 ug/l #	83
11) Tert butyl alcohol	3.03	59	33129	21.671 ug/l #	80
12) 1,1-Dichloroethene	2.37	96	5375	0.947 ug/l	85
13) Acrolein	2.30	56	430	0.417 ug/l #	13
16) Acetone	2.45	43	5243	1.666 ug/l	90
18) Methyl Acetate	2.78	43	2547	0.275 ug/l #	88
20) Methylene Chloride	2.86	84	3126	0.480 ug/l #	82
24) 1,1-Dichloroethane	3.70	63	144523	13.845 ug/l	99
28) Bromochloromethane	5.05	49	257	Below Cal #	9
36) 1,1-Dichloropropene	5.67	75	43163	5.137 ug/l #	48
38) Carbon Tetrachloride	5.67	117	59166	7.245 ug/l #	17
49) 1,4-Dioxane	7.75	88	94	Below Cal #	1
52) Toluene	8.79	92	5592	0.339 ug/l	93
60) Dibromochloromethane	9.82	129	108	2.339 ug/l	57
64) Tetrachloroethene	9.34	164	3459	0.467 ug/l	95
71) Bromoform	10.85	173	86	4.474 ug/l #	28
76) 1,2,3-Trichloropropane	11.13	75	210648	27.019 ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.13	75	210648	75.216 ug/l #	15
83) tert-Butylbenzene	11.77	119	5256	0.210 ug/l	83
84) 1,2,4-Trimethylbenzene	11.94	105	22761	0.863 ug/l #	30
85) sec-Butylbenzene	11.94	105	22761	0.740 ug/l	84
90) Hexachloroethane	12.62	117	101	3.316 ug/l #	35
91) 1,2-Dichlorobenzene	12.40	146	5567	0.375 ug/l	91

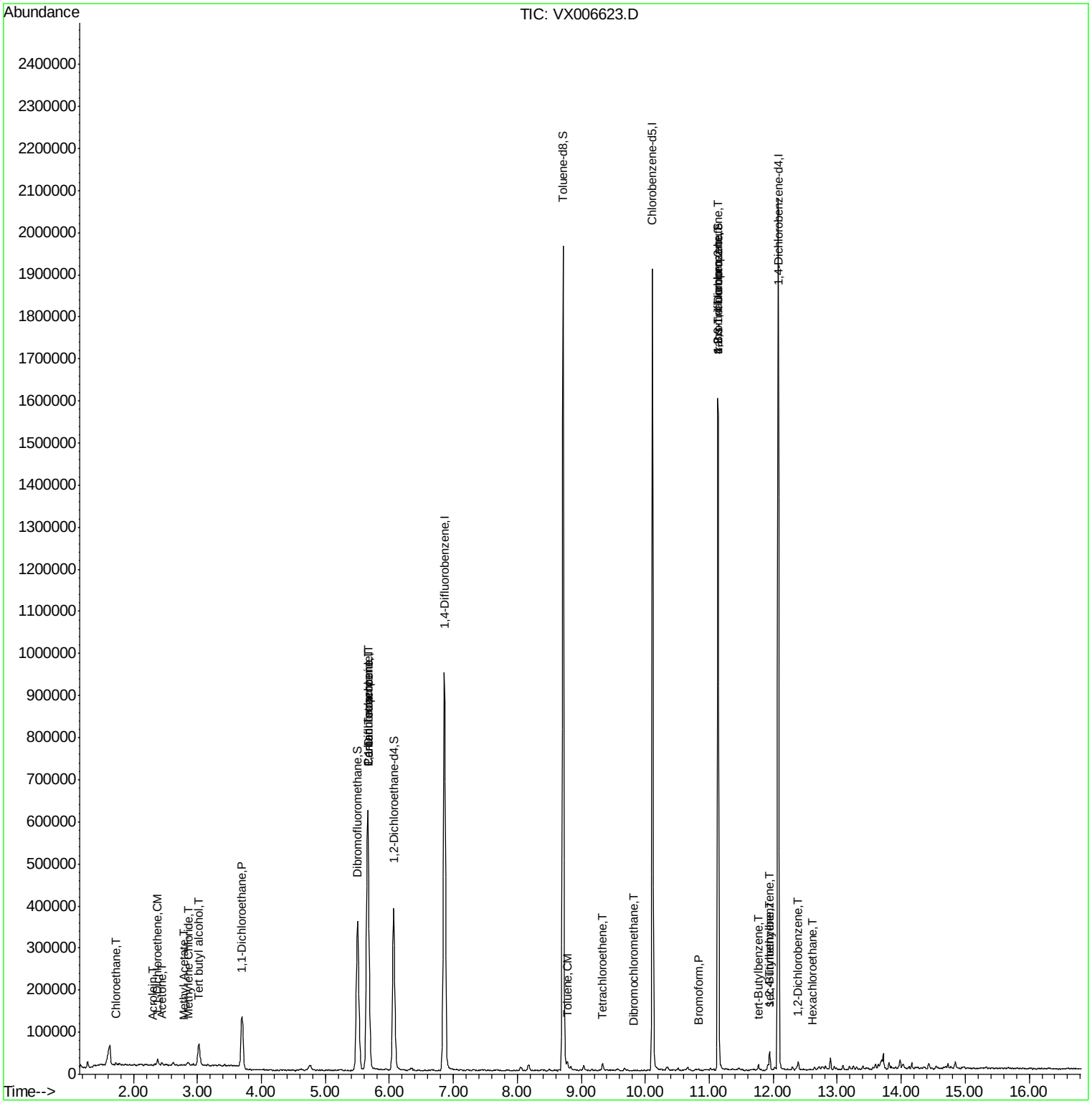
(#) = qualifier out of range (m) = manual integration (+) = signals summed

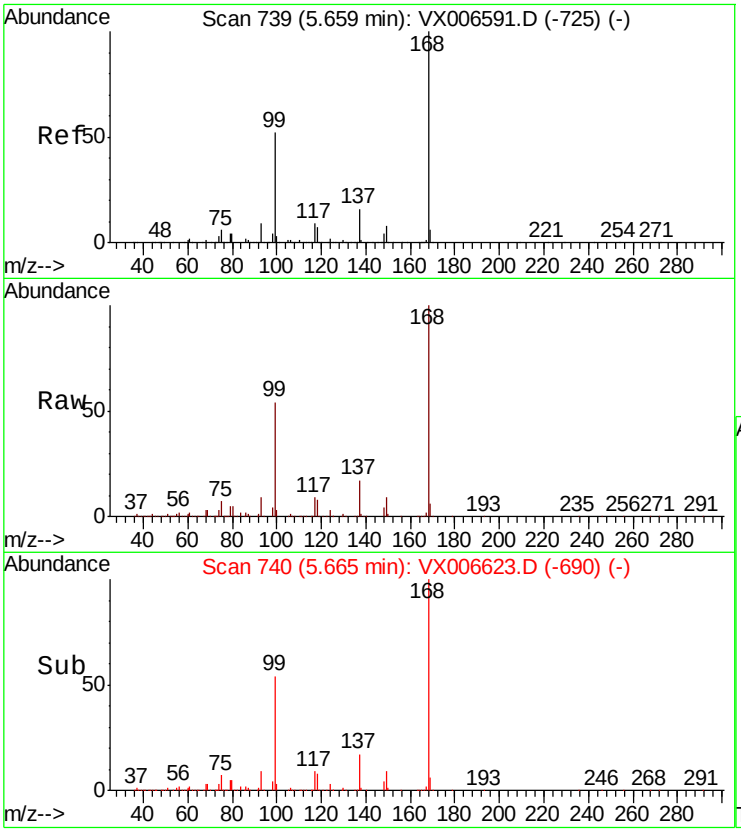
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121818\
Data File : VX006623.D
Acq On : 19 Dec 2018 03:25
Operator : JC/MD
Sample : J6408-17
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SA.PZ163I-20181208

Quant Time: Dec 19 06:07:11 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 18 13:23:17 2018
Response via : Initial Calibration



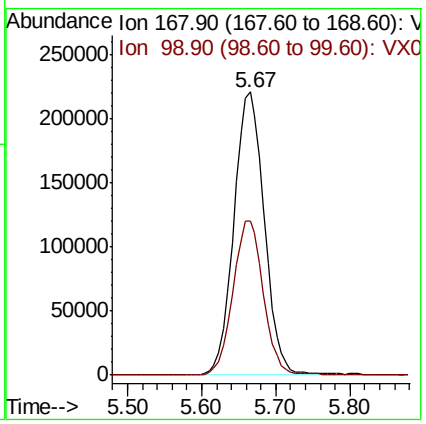


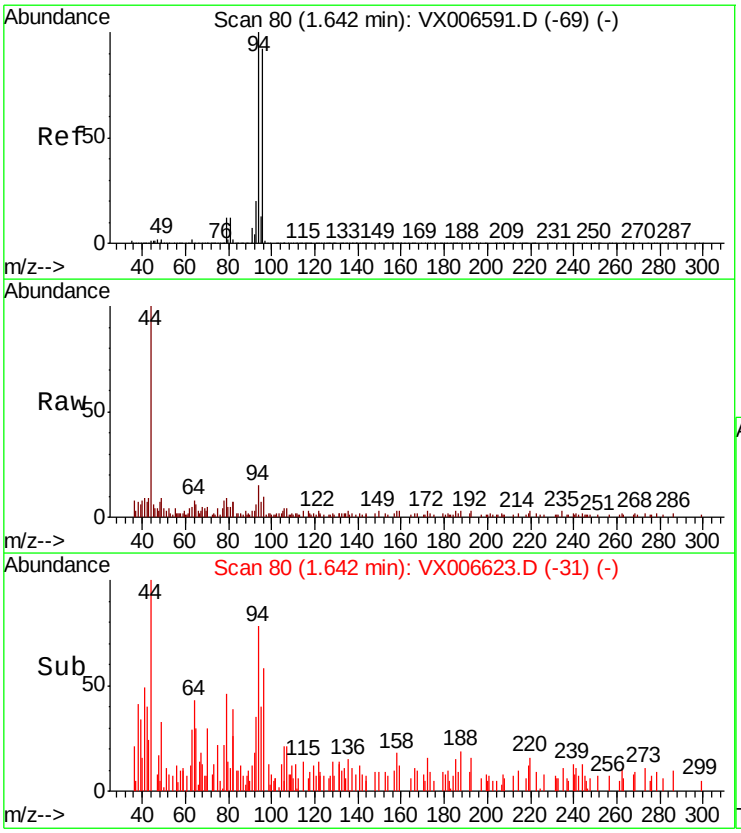
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX006623.D
Acq: 19 Dec 2018 03:25

Instrument :
MSVOA_X
ClientSampleId :
SA.PZ163I-20181208

Tgt Ion:168 Resp: 635579

Ion	Ratio	Lower	Upper
168	100		
99	54.4	37.8	56.8

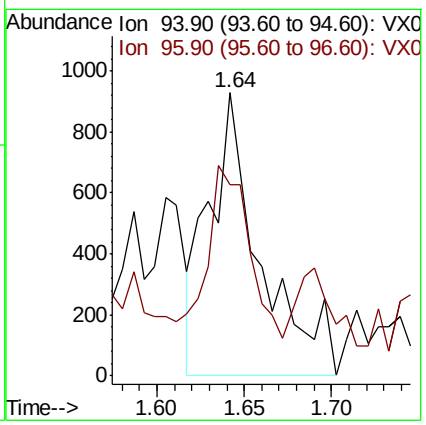


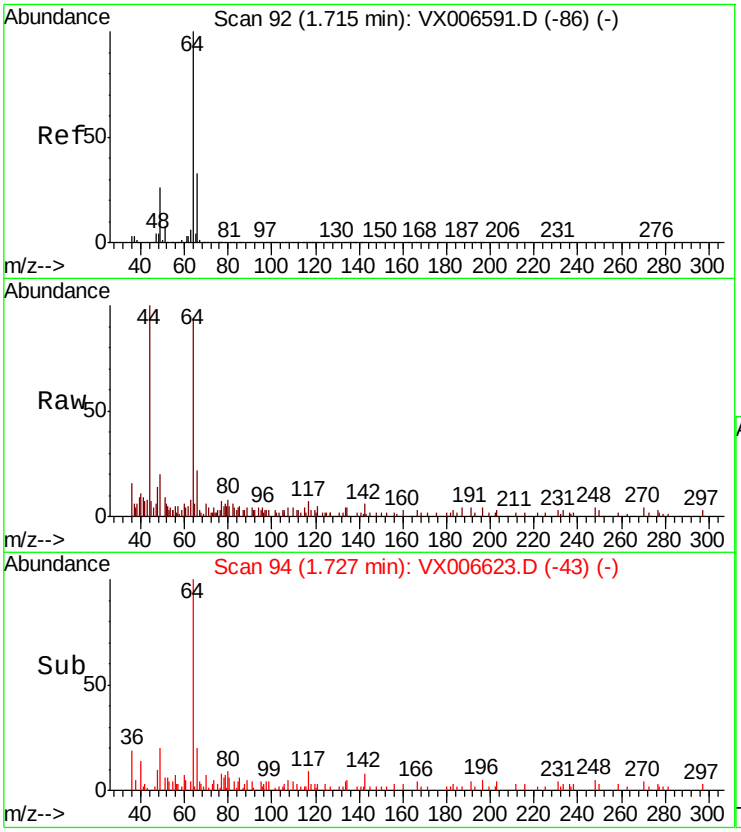


#5
Bromomethane
Concen: Below Cal
RT: 1.64 min Scan# 80
Delta R.T. 0.00 min
Lab File: VX006623.D
Acq: 19 Dec 2018 03:25

Tgt Ion: 94 Resp: 1894

Ion	Ratio	Lower	Upper
94	100		
96	49.5	74.5	111.7#



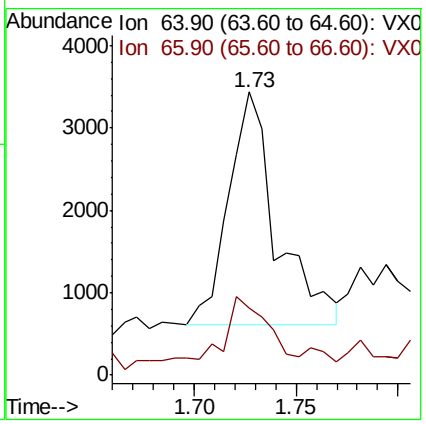


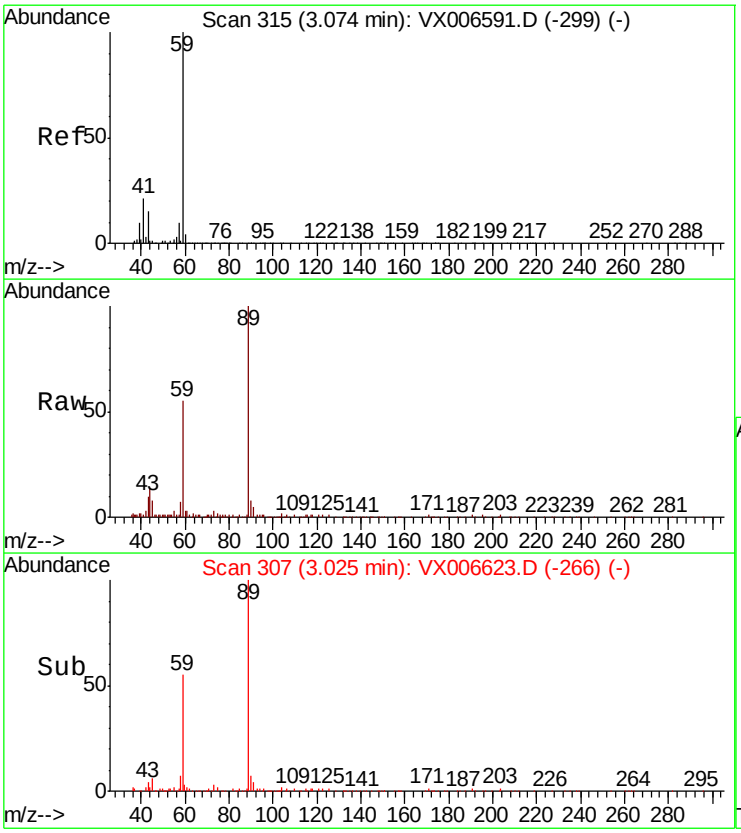
#6
Chloroethane
Concen: 1.012 ug/l
RT: 1.73 min Scan# 94
Delta R.T. 0.01 min
Lab File: VX006623.D
Acq: 19 Dec 2018 03:25

Instrument :
MSVOA_X
ClientSampleId :
SA.PZ163I-20181208

Tgt Ion: 64 Resp: 4583

Ion	Ratio	Lower	Upper
64	100		
66	23.0	25.9	38.9#

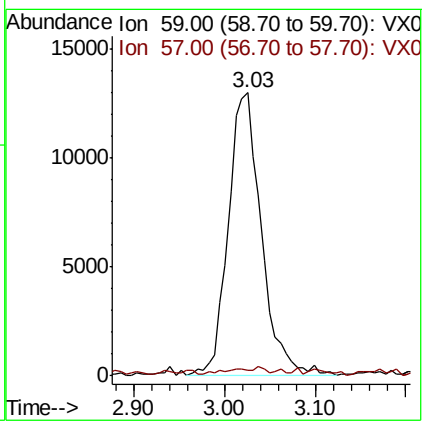


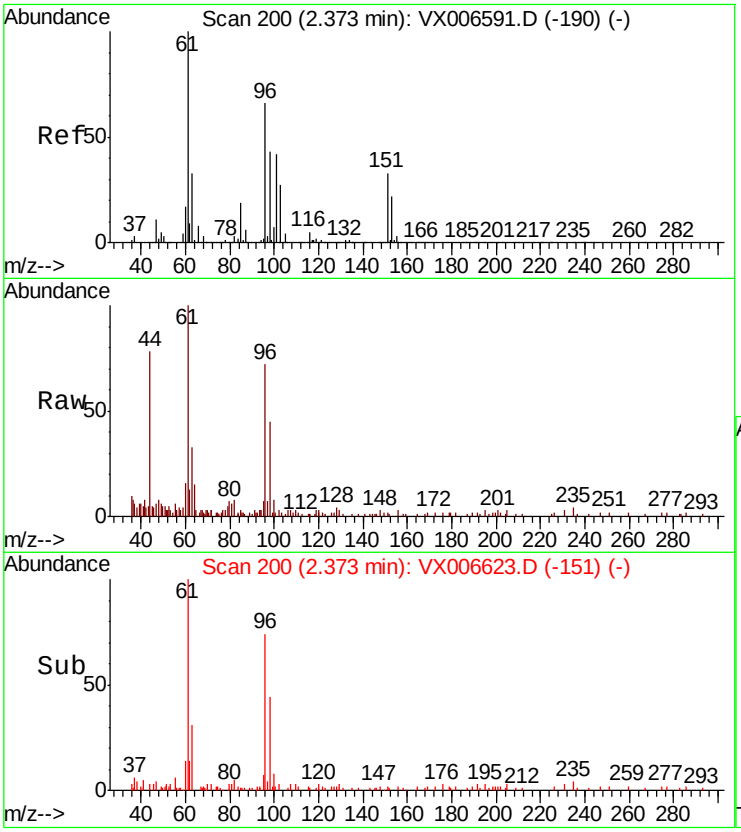


#11
Tert butyl alcohol
Concen: 21.671 ug/l
RT: 3.03 min Scan# 307
Delta R.T. -0.05 min
Lab File: VX006623.D
Acq: 19 Dec 2018 03:25

Tgt Ion: 59 Resp: 33129

Ion	Ratio	Lower	Upper
59	100		
57	2.8	8.2	12.2#



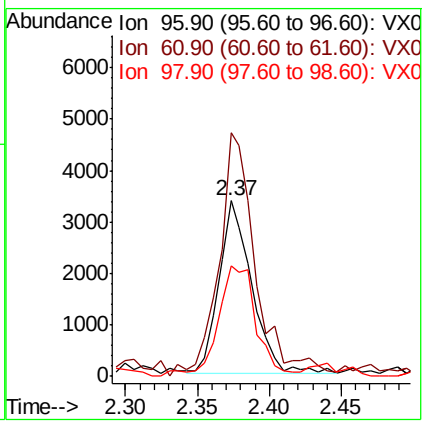


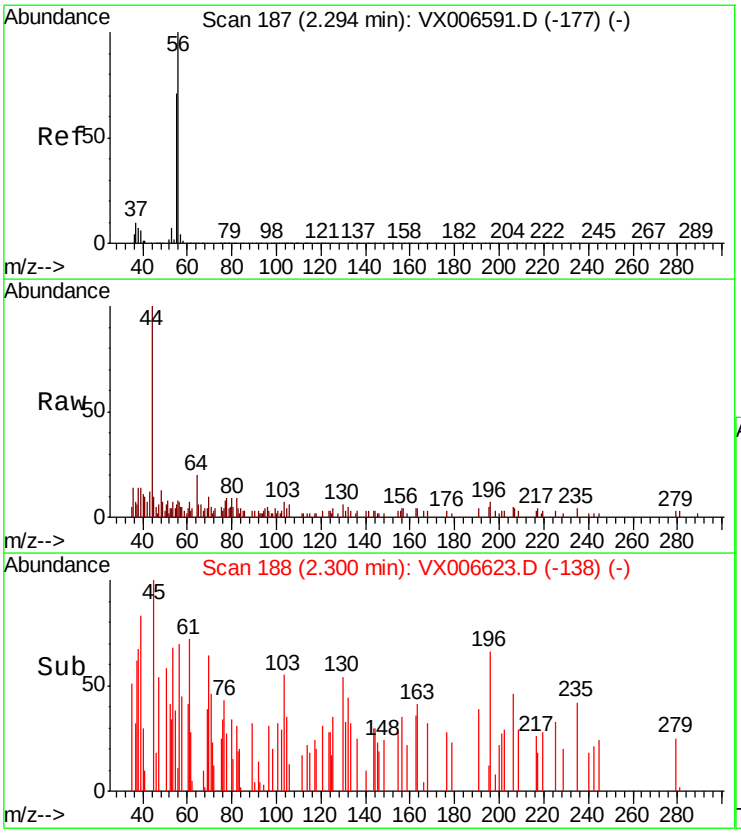
#12
1,1-Dichloroethene
Concen: 0.947 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX006623.D
Acq: 19 Dec 2018 03:25

Instrument :
MSVOA_X
ClientSampleId :
SA.PZ163I-20181208

Tgt Ion: 96 Resp: 5375

Ion	Ratio	Lower	Upper
96	100		
61	138.5	131.7	197.5
98	61.8	51.8	77.6

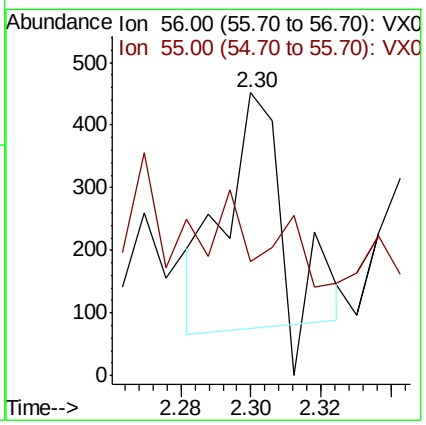


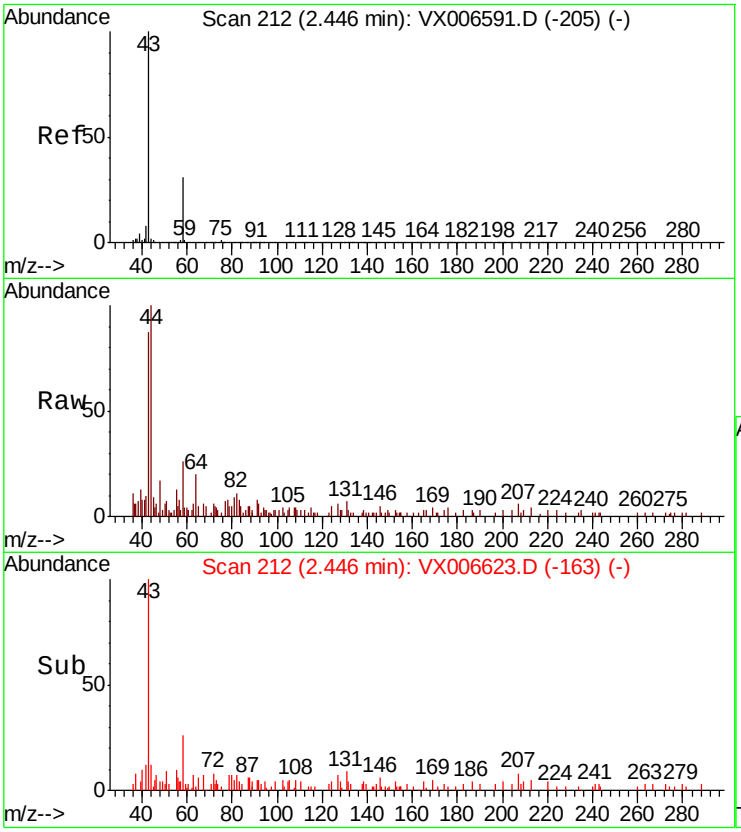


#13
Acrolein
Concen: 0.417 ug/l
RT: 2.30 min Scan# 188
Delta R.T. 0.01 min
Lab File: VX006623.D
Acq: 19 Dec 2018 03:25

Tgt Ion: 56 Resp: 430

Ion	Ratio	Lower	Upper
56	100		
55	0.0	57.8	86.6#



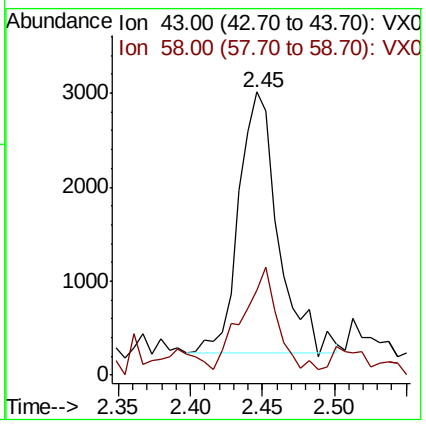


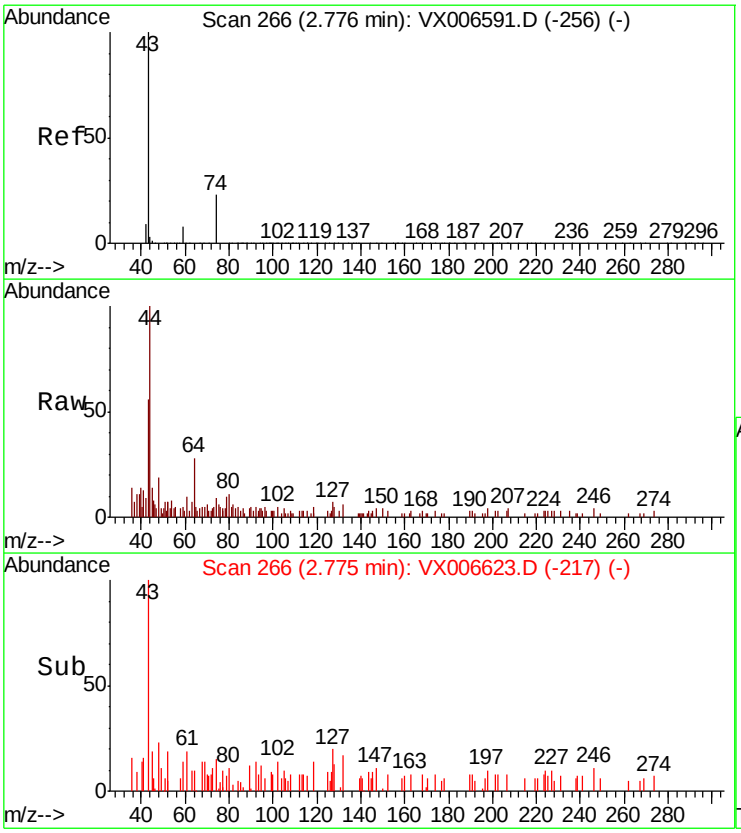
#16
Acetone
Concen: 1.666 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX006623.D
Acq: 19 Dec 2018 03:25

Instrument :
MSVOA_X
ClientSampleId :
SA.PZ163I-20181208

Tgt Ion: 43 Resp: 5243

Ion	Ratio	Lower	Upper
43	100		
58	24.5	24.0	36.0

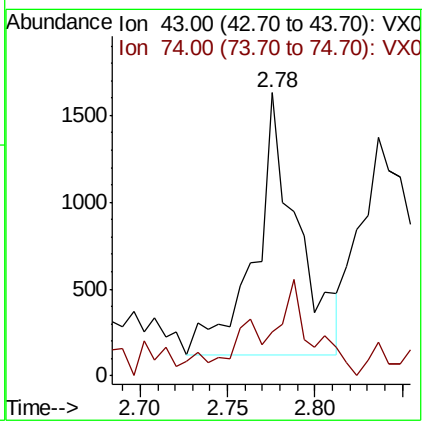


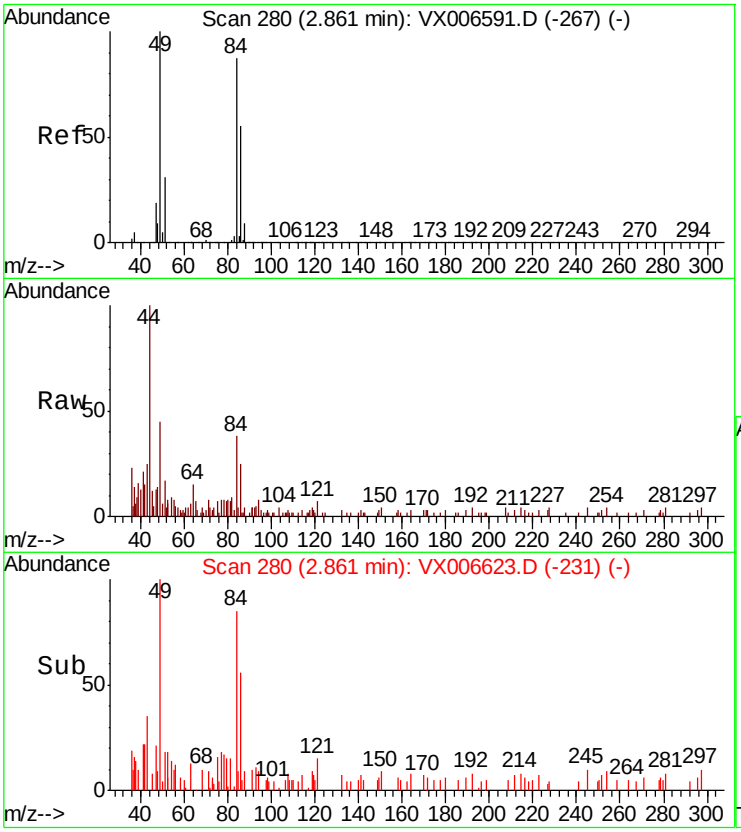


#18
Methyl Acetate
Concen: 0.275 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX006623.D
Acq: 19 Dec 2018 03:25

Tgt Ion: 43 Resp: 2547

Ion	Ratio	Lower	Upper
43	100		
74	28.0	17.9	26.9#



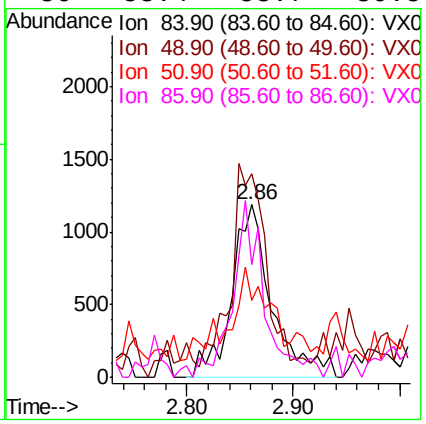


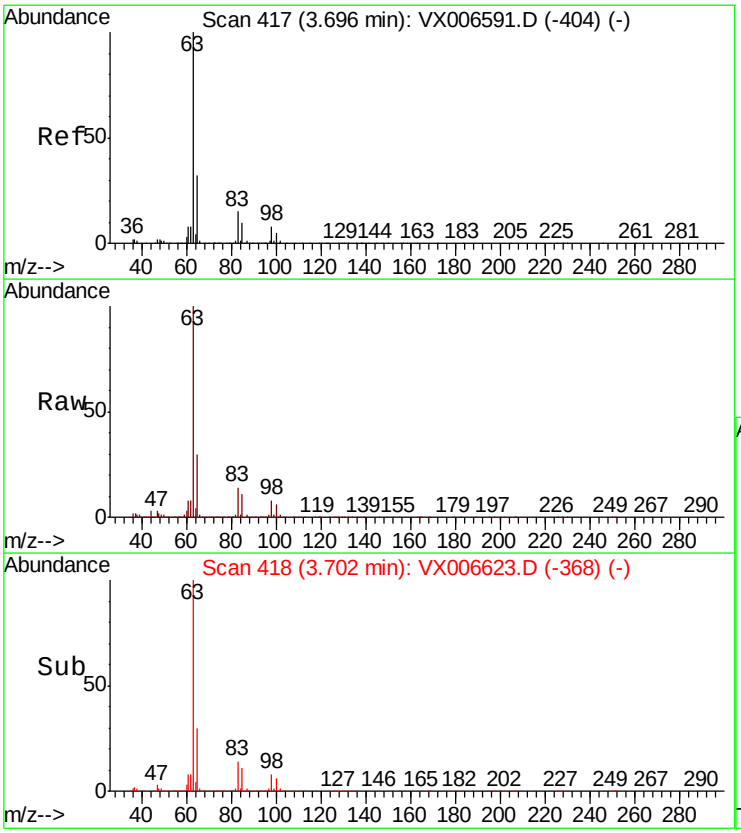
#20
Methylene Chloride
Concen: 0.480 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX006623.D
Acq: 19 Dec 2018 03:25

Instrument :
MSVOA_X
ClientSampleId :
SA.PZ163I-20181208

Tgt Ion: 84 Resp: 3126

Ion	Ratio	Lower	Upper
84	100		
49	98.1	102.2	153.4#
51	34.4	31.1	46.7
86	58.4	53.7	80.5

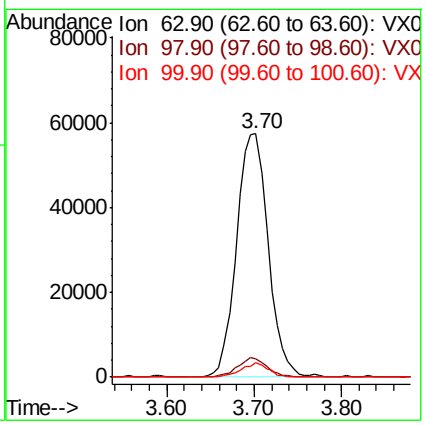


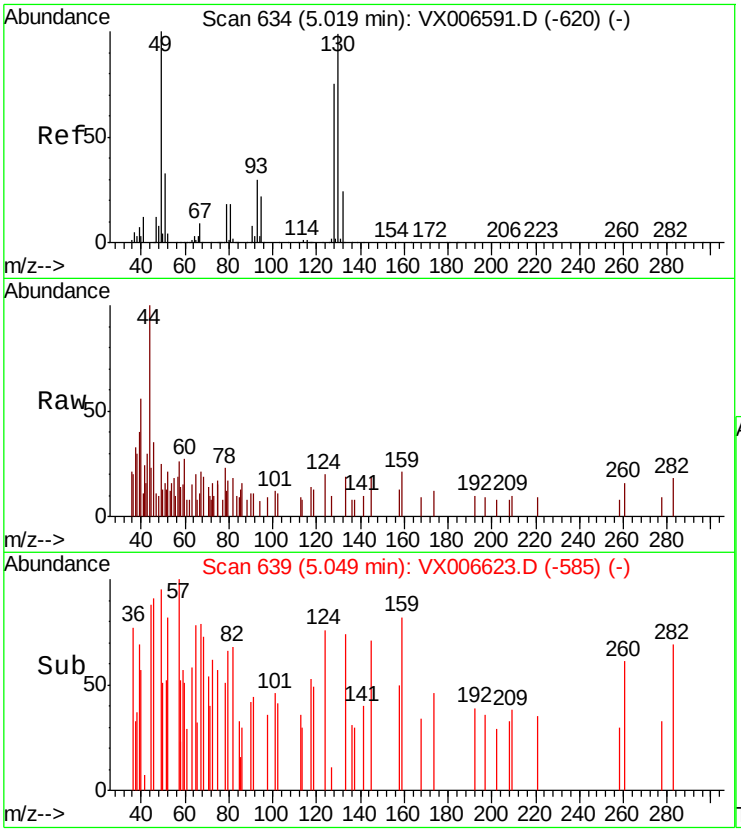


#24
1,1-Dichloroethane
Concen: 13.845 ug/l
RT: 3.70 min Scan# 418
Delta R.T. 0.01 min
Lab File: VX006623.D
Acq: 19 Dec 2018 03:25

Tgt Ion: 63 Resp: 144523

Ion	Ratio	Lower	Upper
63	100		
98	7.8	3.8	11.4
100	5.8	2.5	7.4



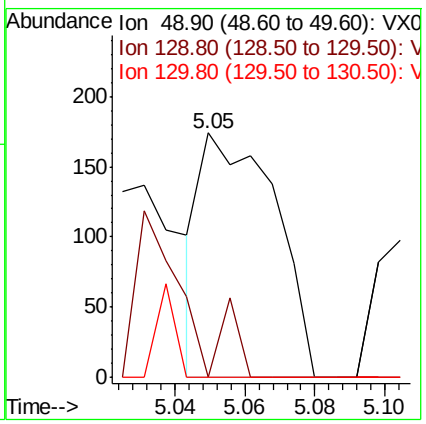


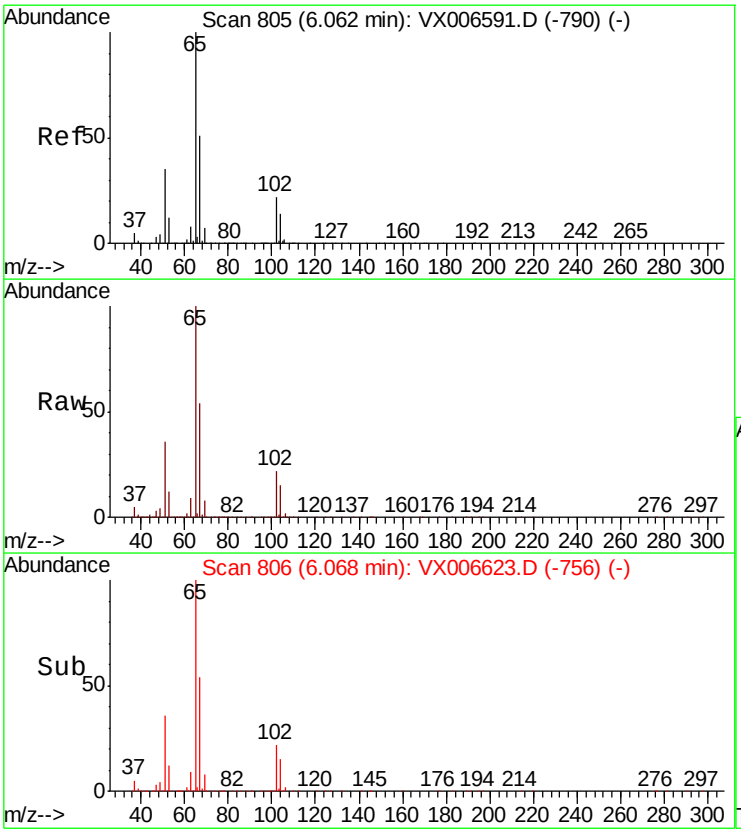
#28
Bromochloromethane
Concen: Below Cal
RT: 5.05 min Scan# 639
Delta R.T. 0.03 min
Lab File: VX006623.D
Acq: 19 Dec 2018 03:25

Instrument :
MSVOA_X
ClientSampleId :
SA.PZ163I-20181208

Tgt Ion: 49 Resp: 257

Ion	Ratio	Lower	Upper
49	100		
129	44.7	0.0	5.0#
130	9.3	78.3	117.5#

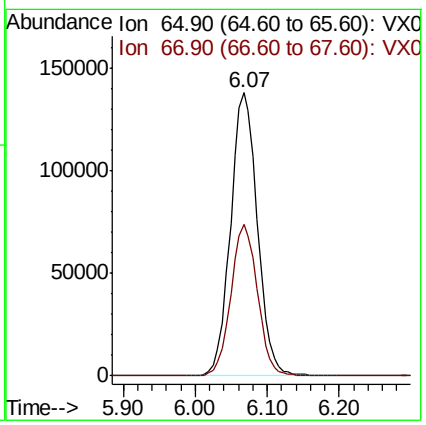


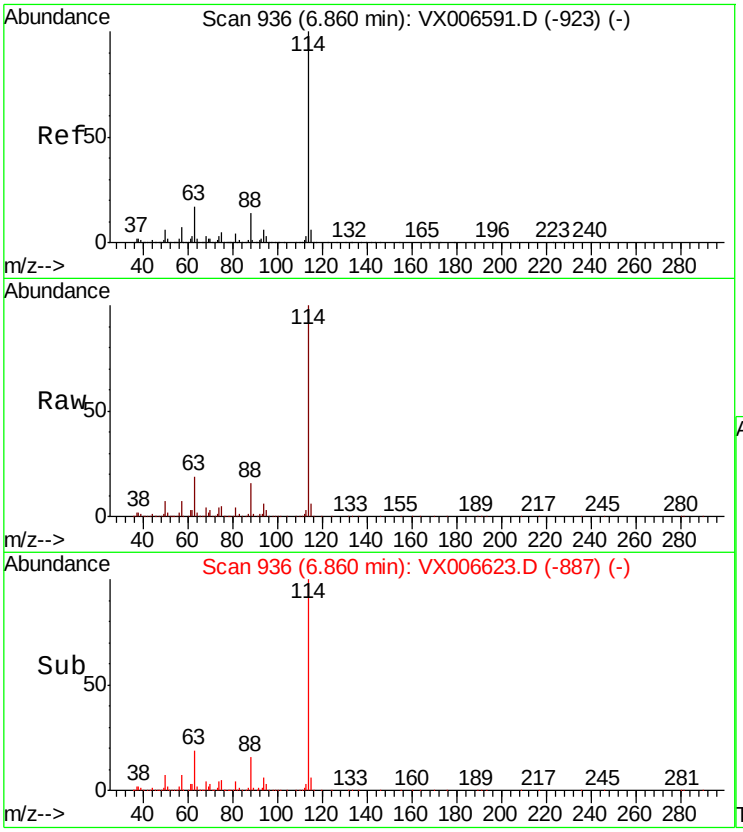


#33
1,2-Dichloroethane-d4
Concen: 51.945 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.01 min
Lab File: VX006623.D
Acq: 19 Dec 2018 03:25

Tgt Ion: 65 Resp: 355820

Ion	Ratio	Lower	Upper
65	100		
67	53.5	0.0	107.2



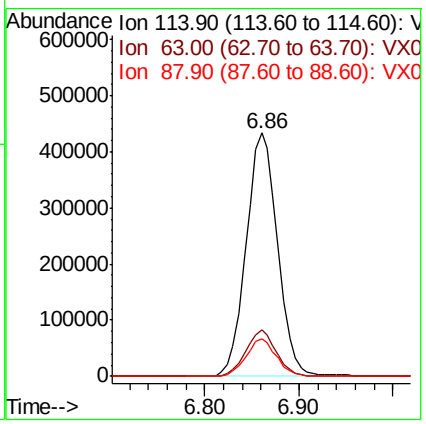


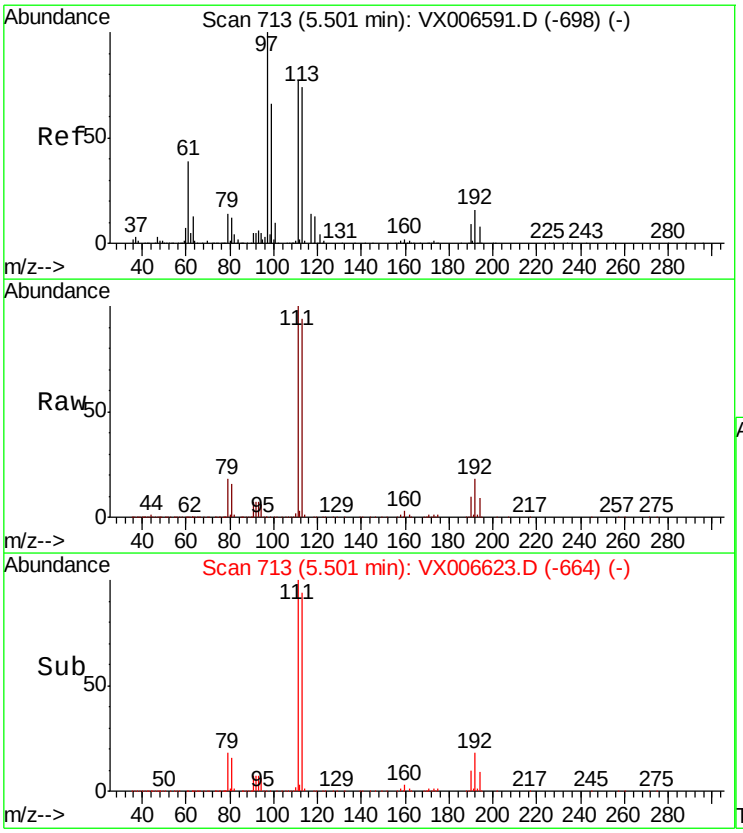
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX006623.D
Acq: 19 Dec 2018 03:25

Instrument :
MSVOA_X
ClientSampleId :
SA.PZ163I-20181208

Tgt Ion:114 Resp: 1014519

Ion	Ratio	Lower	Upper
114	100		
63	18.9	0.0	36.6
88	15.7	0.0	29.0

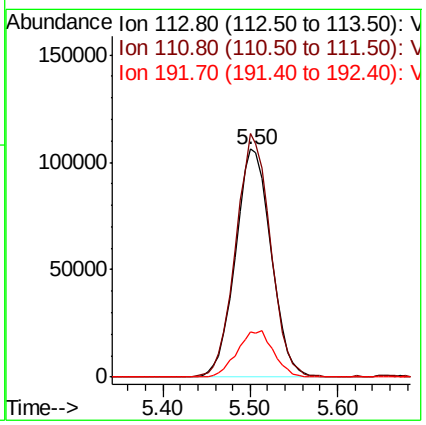


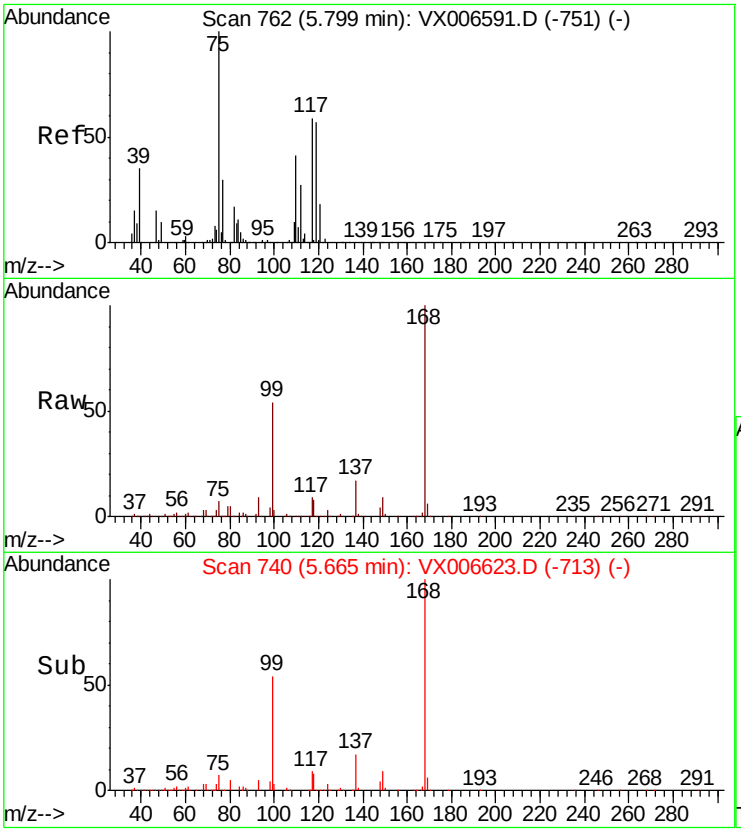


#35
Dibromofluoromethane
Concen: 46.956 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX006623.D
Acq: 19 Dec 2018 03:25

Tgt Ion:113 Resp: 301254

Ion	Ratio	Lower	Upper
113	100		
111	103.7	81.1	121.7
192	20.6	18.2	27.2



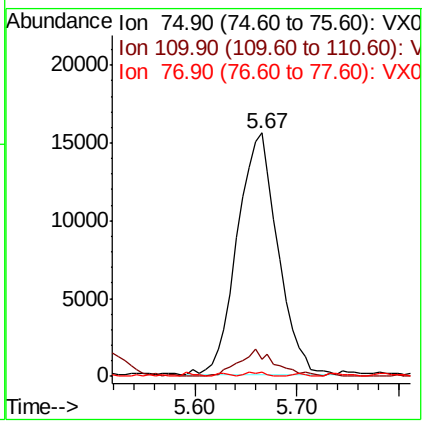


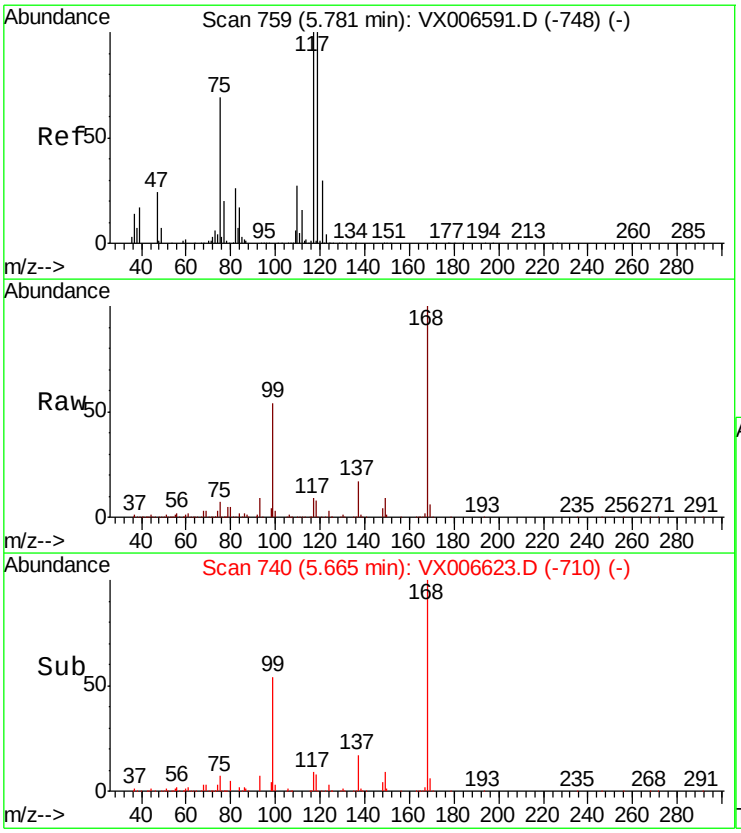
#36
1,1-Dichloropropene
Concen: 5.137 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.13 min
Lab File: VX006623.D
Acq: 19 Dec 2018 03:25

Instrument :
MSVOA_X
ClientSampleId :
SA.PZ163I-20181208

Tgt Ion: 75 Resp: 43163

Ion	Ratio	Lower	Upper
75	100		
110	10.0	20.4	61.3#
77	0.8	24.9	37.3#

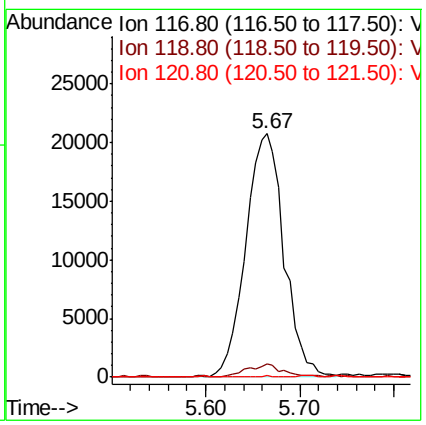


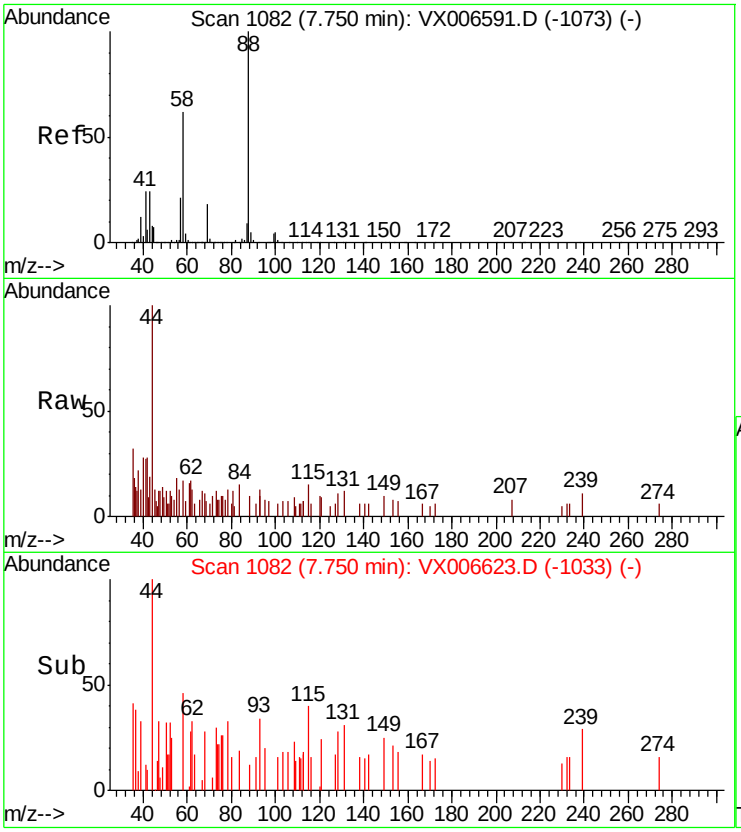


#38
Carbon Tetrachloride
Concen: 7.245 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX006623.D
Acq: 19 Dec 2018 03:25

Tgt Ion:117 Resp: 59166

Ion	Ratio	Lower	Upper
117	100		
119	5.0	75.8	113.8#
121	0.5	24.6	37.0#



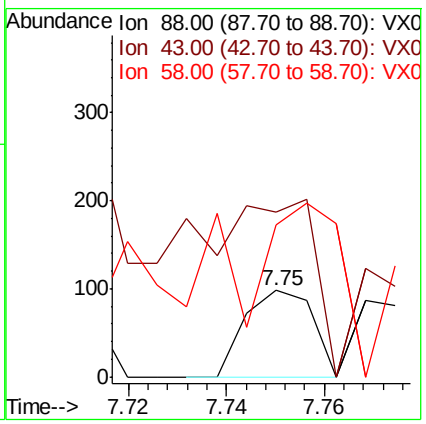


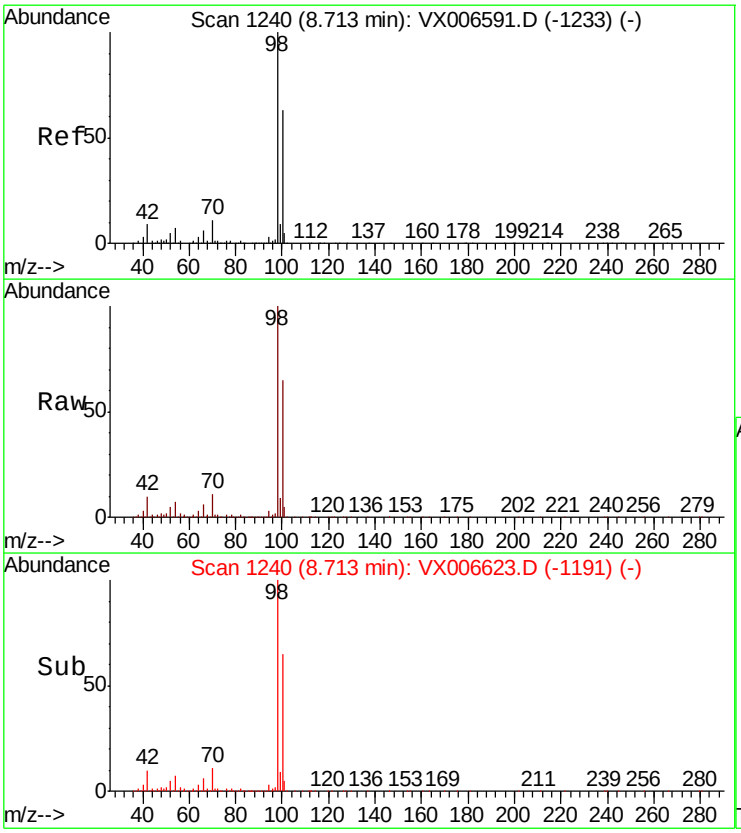
#49
1,4-Dioxane
Concen: Below Cal
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX006623.D
Acq: 19 Dec 2018 03:25

Instrument :
MSVOA_X
ClientSampleId :
SA.PZ163I-20181208

Tgt Ion: 88 Resp: 94

Ion	Ratio	Lower	Upper
88	100		
43	120.2	23.2	34.8#
58	211.7	51.4	77.0#

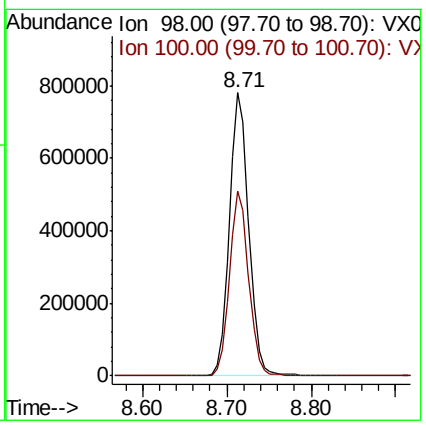


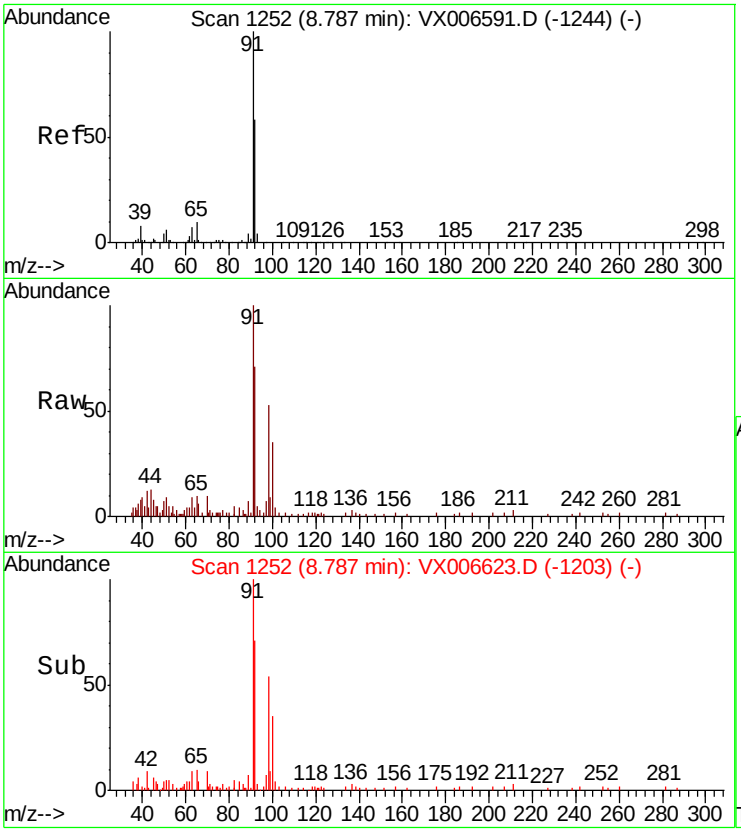


#50
Toluene-d8
Concen: 50.200 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX006623.D
Acq: 19 Dec 2018 03:25

Tgt Ion: 98 Resp: 1214184

Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.2	78.2



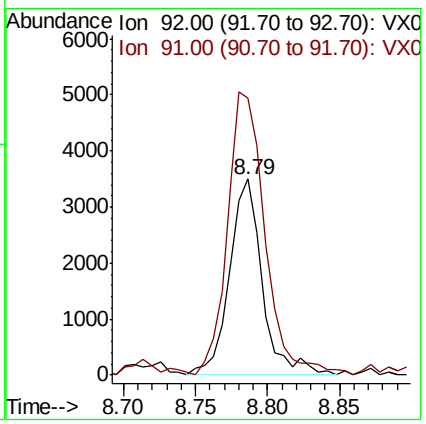


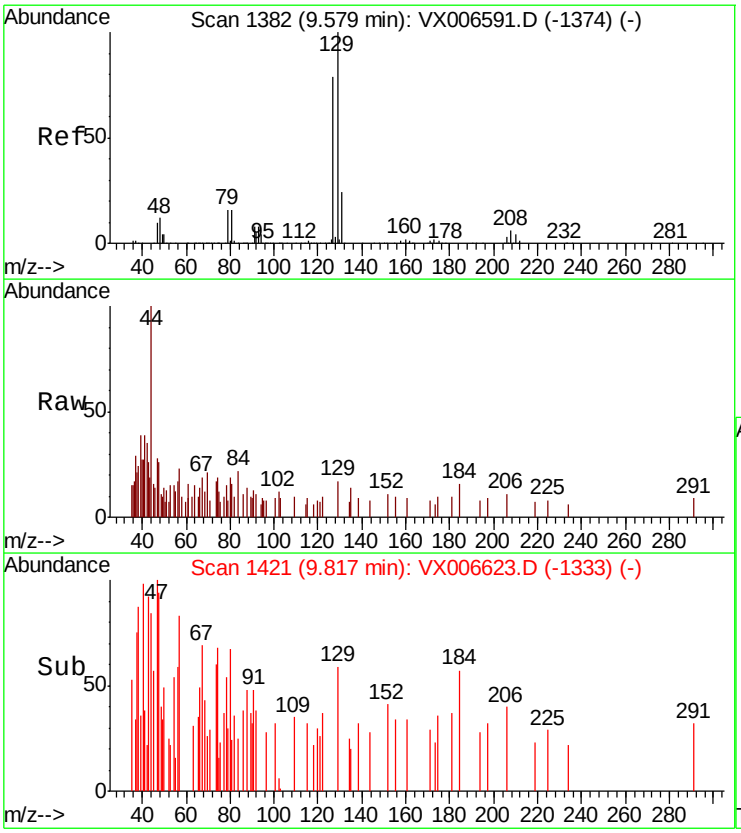
#52
Toluene
Concen: 0.339 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX006623.D
Acq: 19 Dec 2018 03:25

Instrument :
MSVOA_X
ClientSampleId :
SA.PZ163I-20181208

Tgt Ion: 92 Resp: 5592

Ion	Ratio	Lower	Upper
92	100		
91	164.6	139.2	208.8

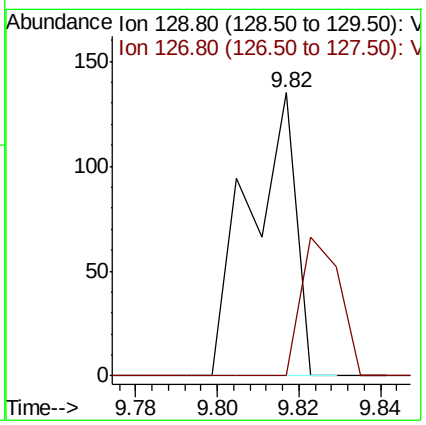


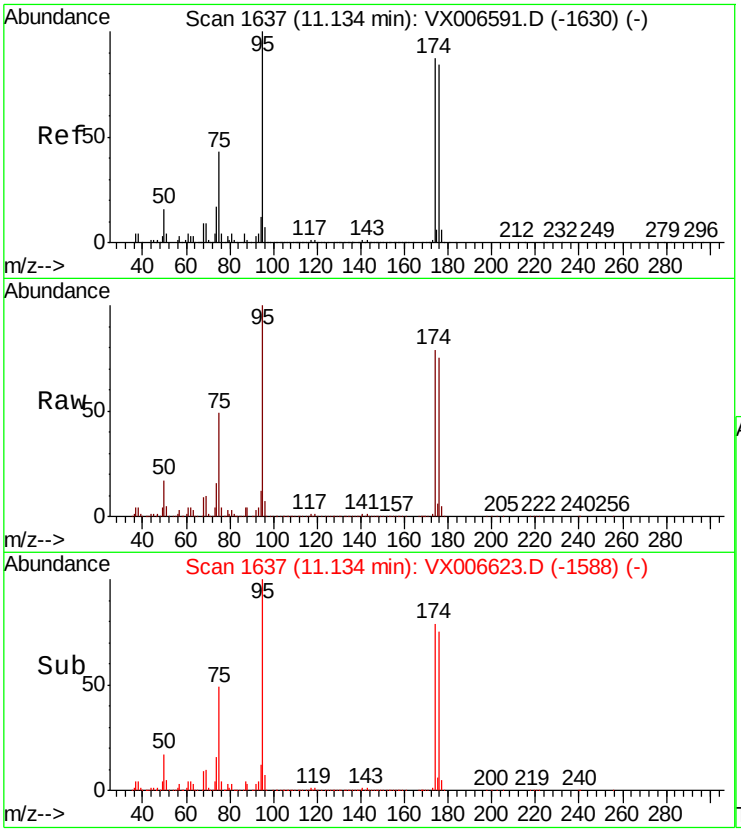


#60
Dibromochloromethane
Concen: 2.339 ug/l
RT: 9.82 min Scan# 1421
Delta R.T. 0.24 min
Lab File: VX006623.D
Acq: 19 Dec 2018 03:25

Tgt Ion:129 Resp: 108

Ion	Ratio	Lower	Upper
129	100		
127	39.8	38.6	115.8



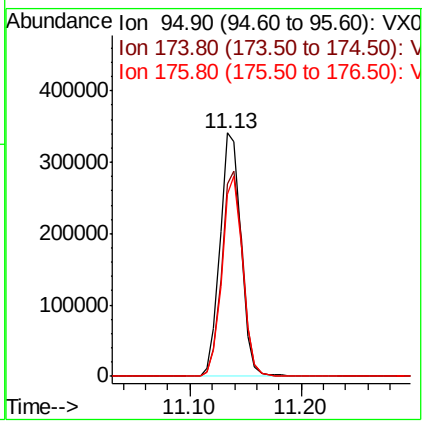


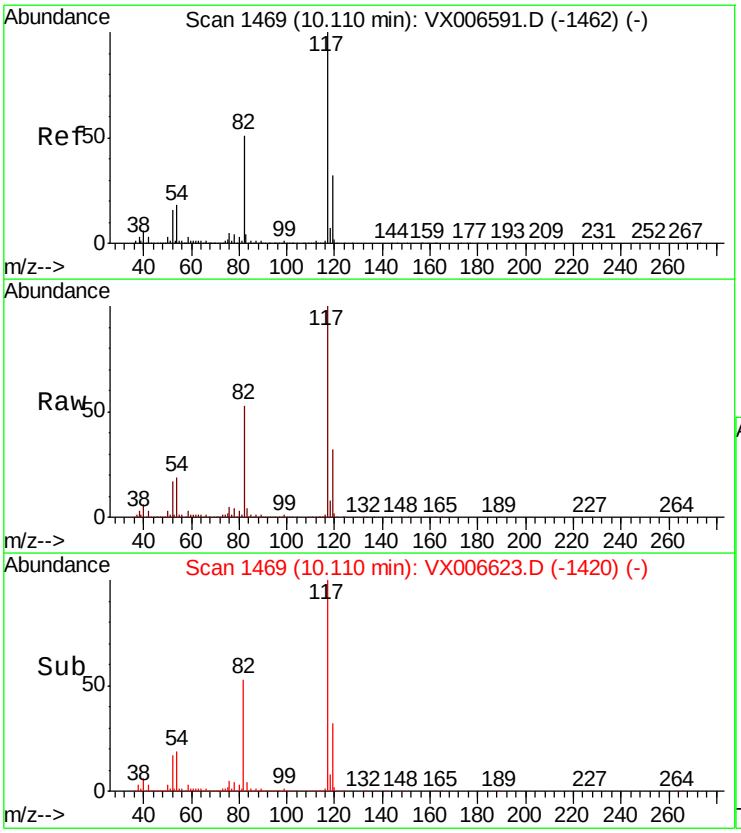
#62
4-Bromofluorobenzene
Concen: 50.317 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX006623.D
Acq: 19 Dec 2018 03:25

Instrument :
MSVOA_X
ClientSampleId :
SA.PZ163I-20181208

Tgt Ion: 95 Resp: 445726

Ion	Ratio	Lower	Upper
95	100		
174	84.3	0.0	187.0
176	80.7	0.0	181.8

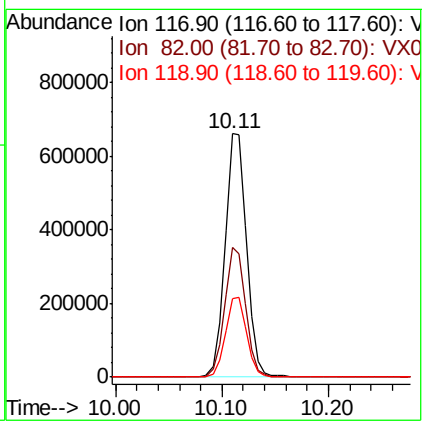


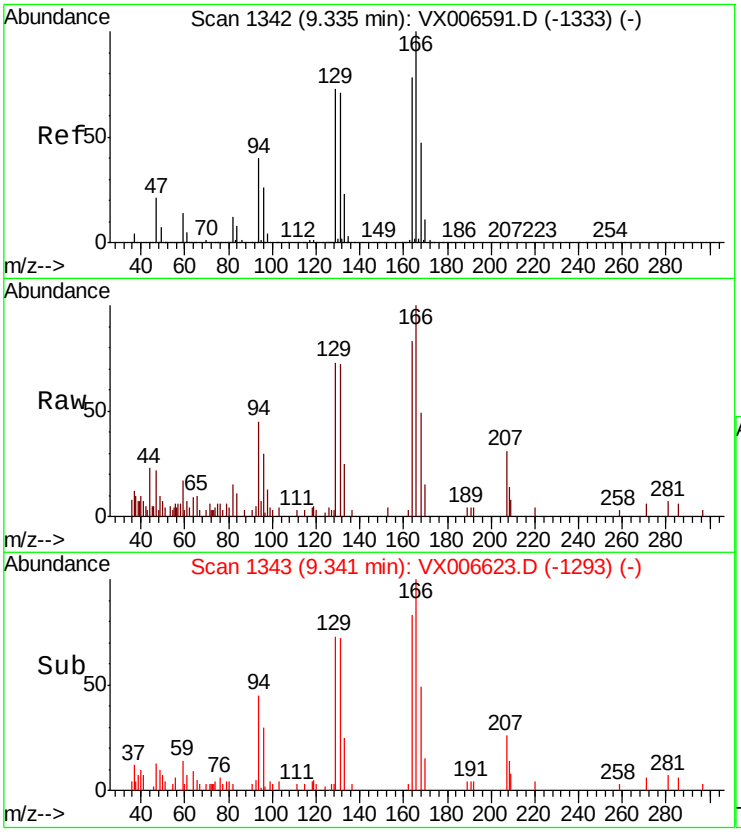


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX006623.D
Acq: 19 Dec 2018 03:25

Tgt Ion:117 Resp: 935163

Ion	Ratio	Lower	Upper
117	100		
82	53.1	39.6	59.4
119	32.1	26.3	39.5



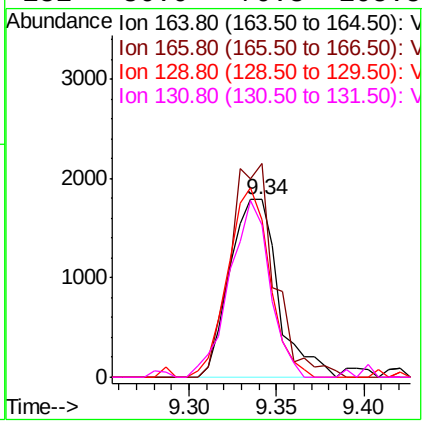


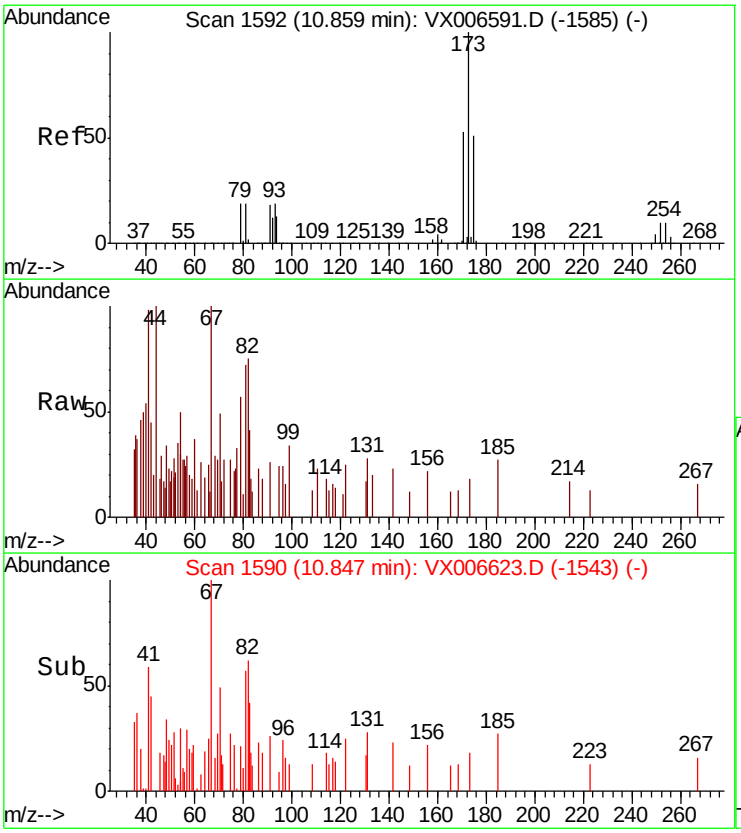
#64
Tetrachloroethene
Concen: 0.467 ug/l
RT: 9.34 min Scan# 1343
Delta R.T. 0.01 min
Lab File: VX006623.D
Acq: 19 Dec 2018 03:25

Instrument :
MSVOA_X
ClientSampleId :
SA.PZ163I-20181208

Tgt Ion:164 Resp: 3459

Ion	Ratio	Lower	Upper
164	100		
166	120.1	104.2	156.2
129	88.2	72.6	108.8
131	86.0	70.3	105.5

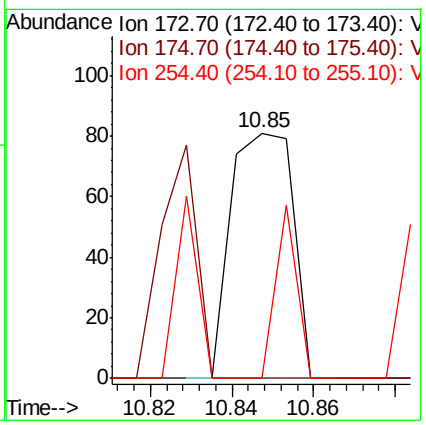


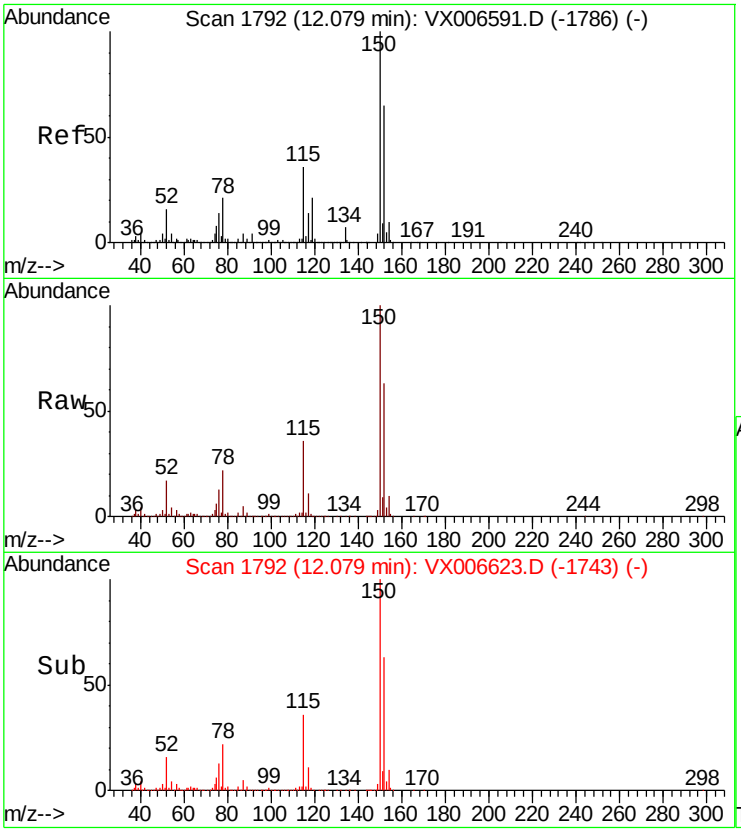


#71
Bromoform
Concen: 4.474 ug/l
RT: 10.85 min Scan# 1590
Delta R.T. -0.01 min
Lab File: VX006623.D
Acq: 19 Dec 2018 03:25

Tgt Ion:173 Resp: 86

Ion	Ratio	Lower	Upper
173	100		
175	0.0	24.6	73.8#
254	24.4	0.2	0.2#



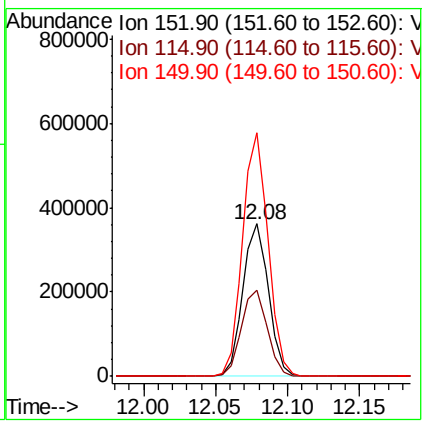


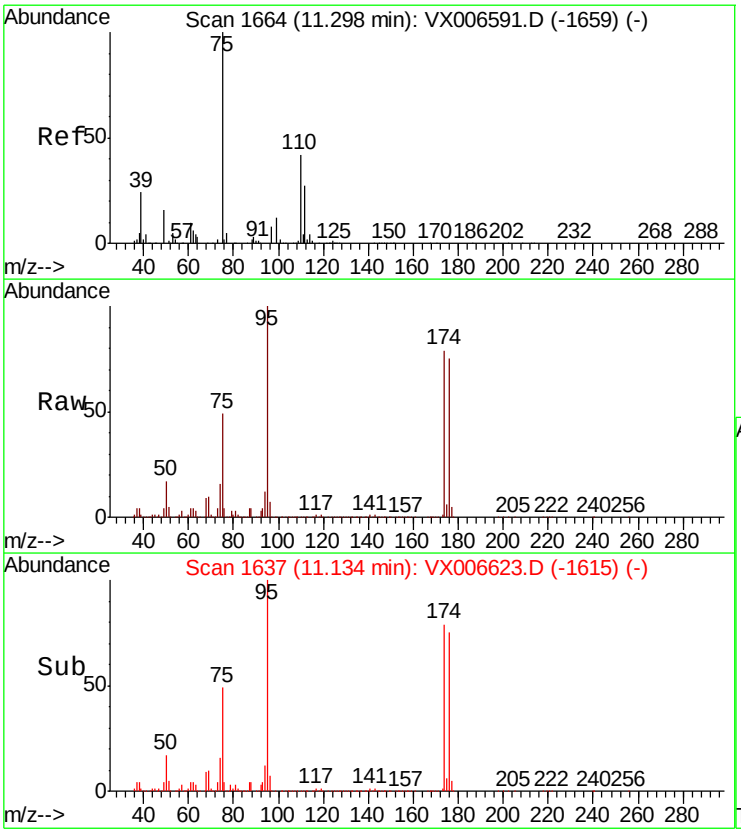
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX006623.D
Acq: 19 Dec 2018 03:25

Instrument :
MSVOA_X
ClientSampleId :
SA.PZ163I-20181208

Tgt Ion:152 Resp: 444824

Ion	Ratio	Lower	Upper
152	100		
115	57.3	39.0	116.9
150	159.0	0.0	345.8

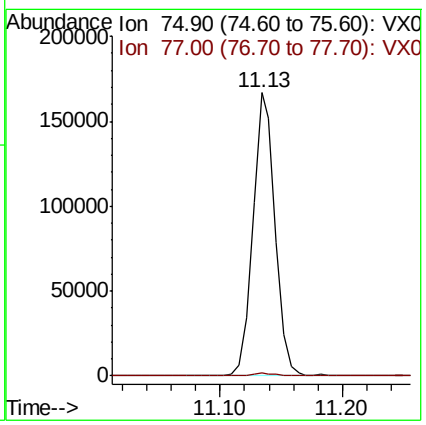


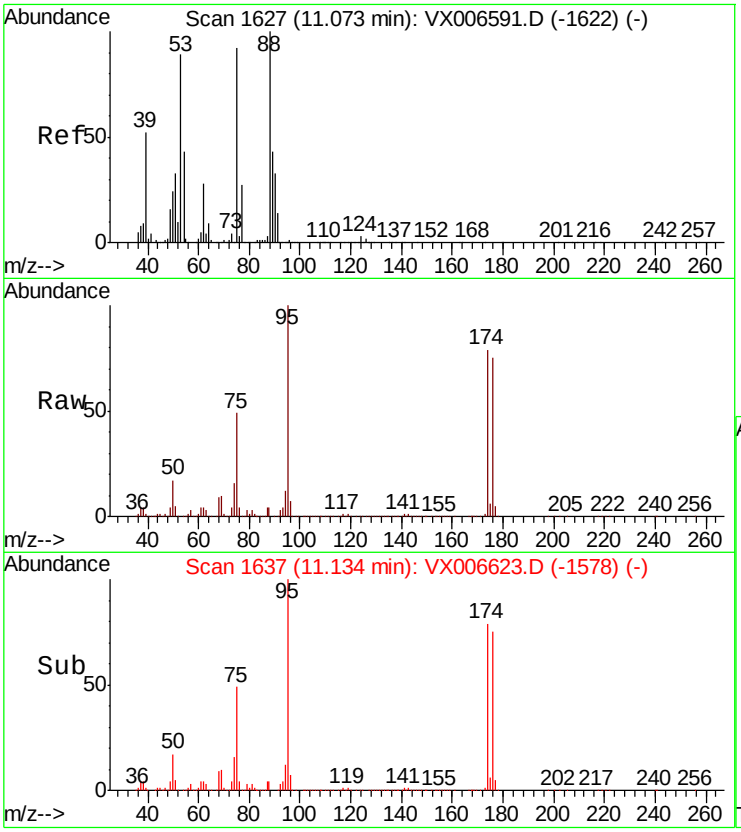


#76
1,2,3-Trichloropropane
Concen: 27.019 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX006623.D
Acq: 19 Dec 2018 03:25

Tgt Ion: 75 Resp: 210648

Ion	Ratio	Lower	Upper
75	100		
77	1.3	19.9	59.7#



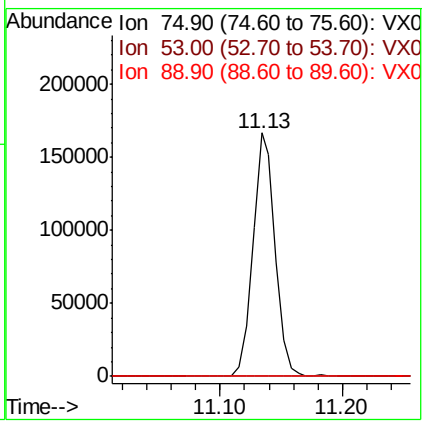


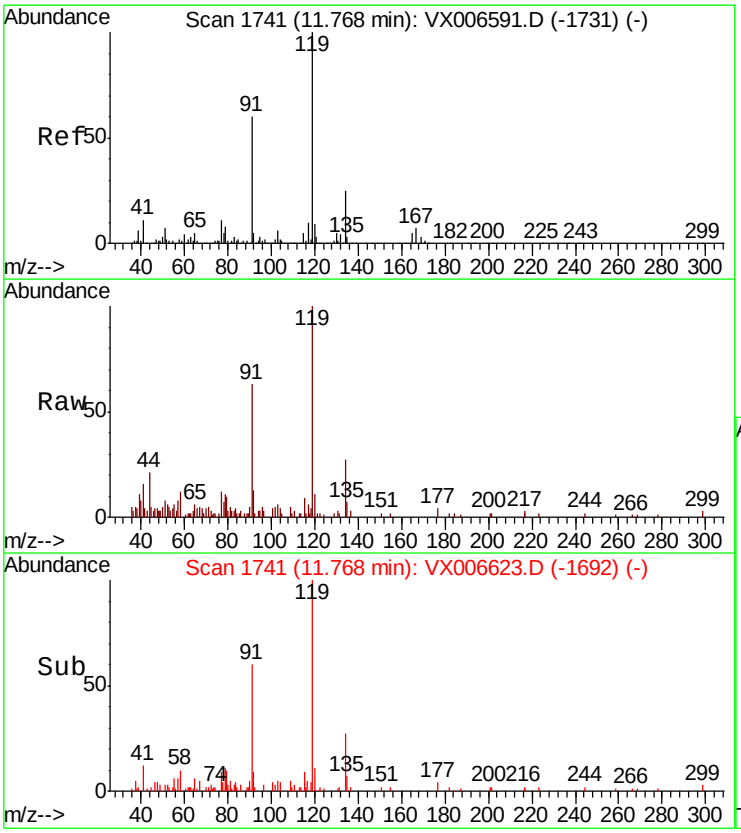
#81
trans-1,4-Dichloro-2-butene
Concen: 75.216 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX006623.D
Acq: 19 Dec 2018 03:25

Instrument :
MSVOA_X
ClientSampleId :
SA.PZ163I-20181208

Tgt Ion: 75 Resp: 210648

Ion	Ratio	Lower	Upper
75	100		
53	0.1	64.4	96.6#
89	0.2	44.2	66.4#

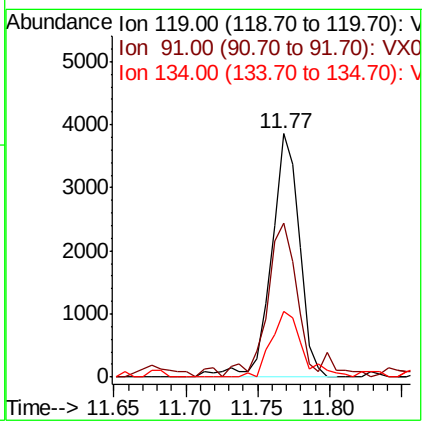


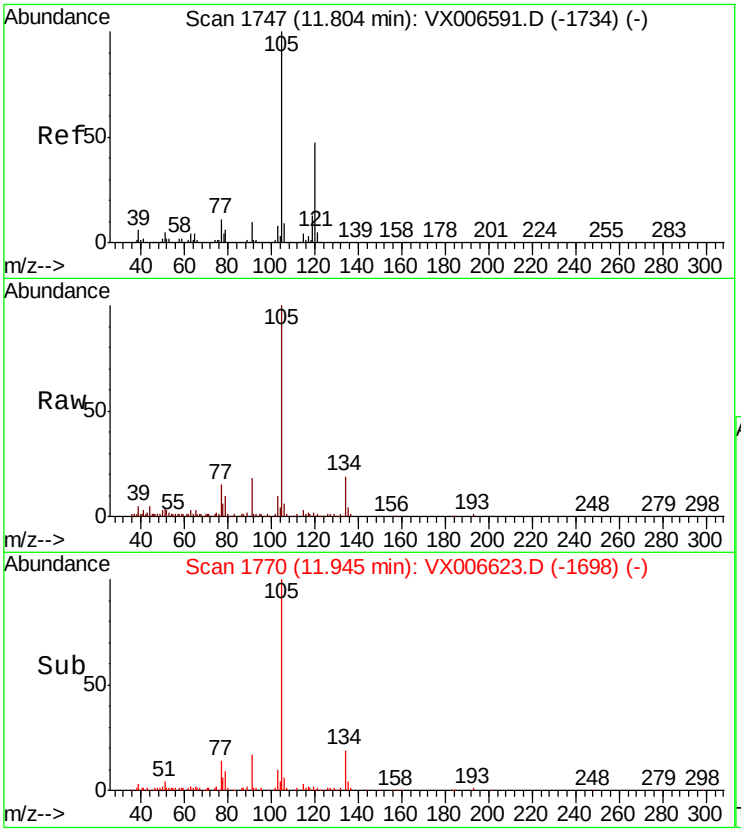


#83
tert-Butylbenzene
Concen: 0.210 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX006623.D
Acq: 19 Dec 2018 03:25

Tgt Ion:119 Resp: 5256

Ion	Ratio	Lower	Upper
119	100		
91	66.3	26.4	79.2
134	29.6	11.6	34.7



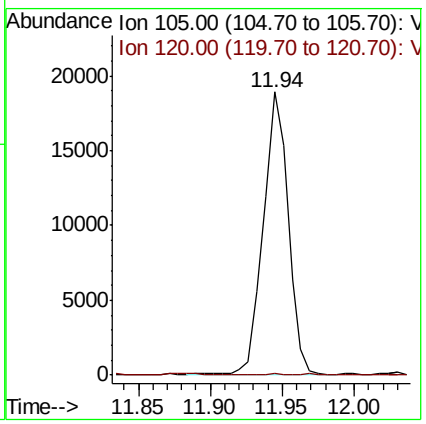


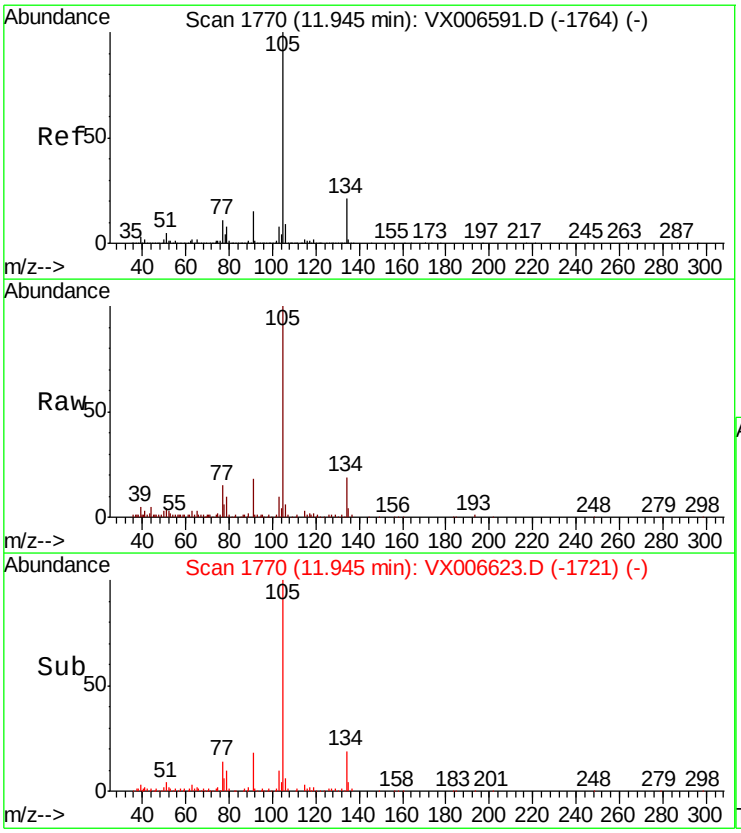
#84
1,2,4-Trimethylbenzene
Concen: 0.863 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. 0.14 min
Lab File: VX006623.D
Acq: 19 Dec 2018 03:25

Instrument :
MSVOA_X
ClientSampleId :
SA.PZ163I-20181208

Tgt Ion:105 Resp: 22761

Ion	Ratio	Lower	Upper
105	100		
120	0.3	23.4	70.0#

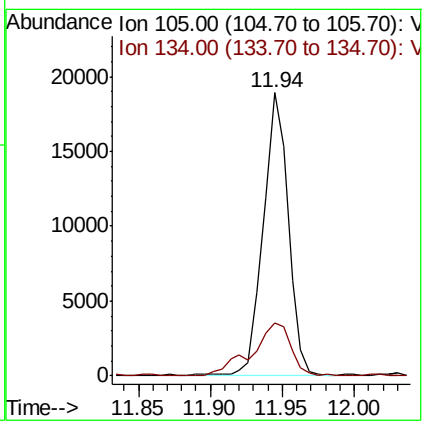


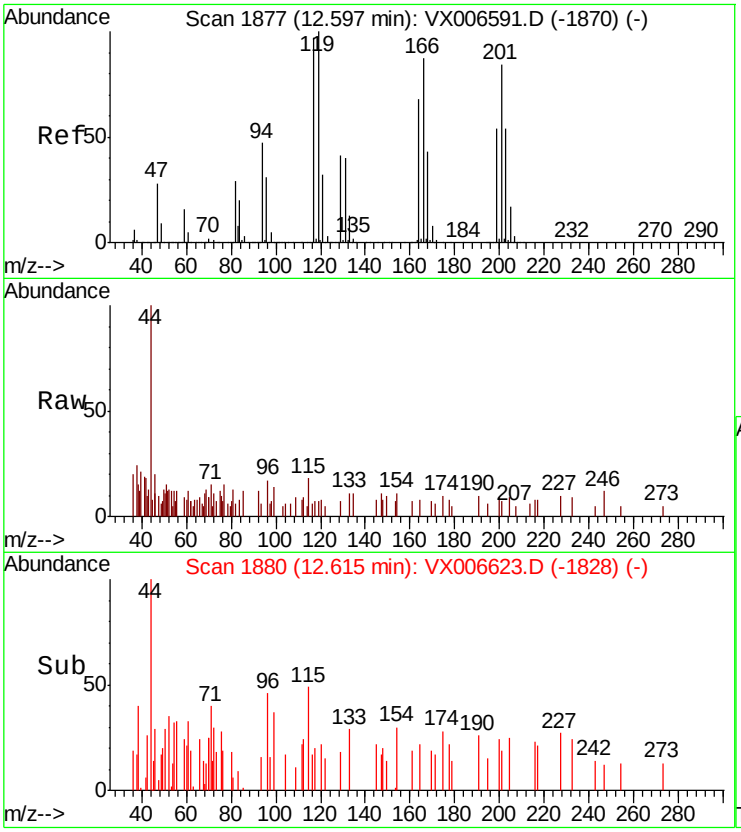


#85
sec-Butylbenzene
Concen: 0.740 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. -0.00 min
Lab File: VX006623.D
Acq: 19 Dec 2018 03:25

Tgt Ion:105 Resp: 22761

Ion	Ratio	Lower	Upper
105	100		
134	29.3	10.8	32.4



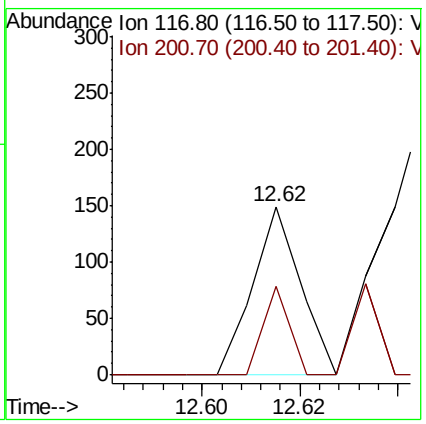


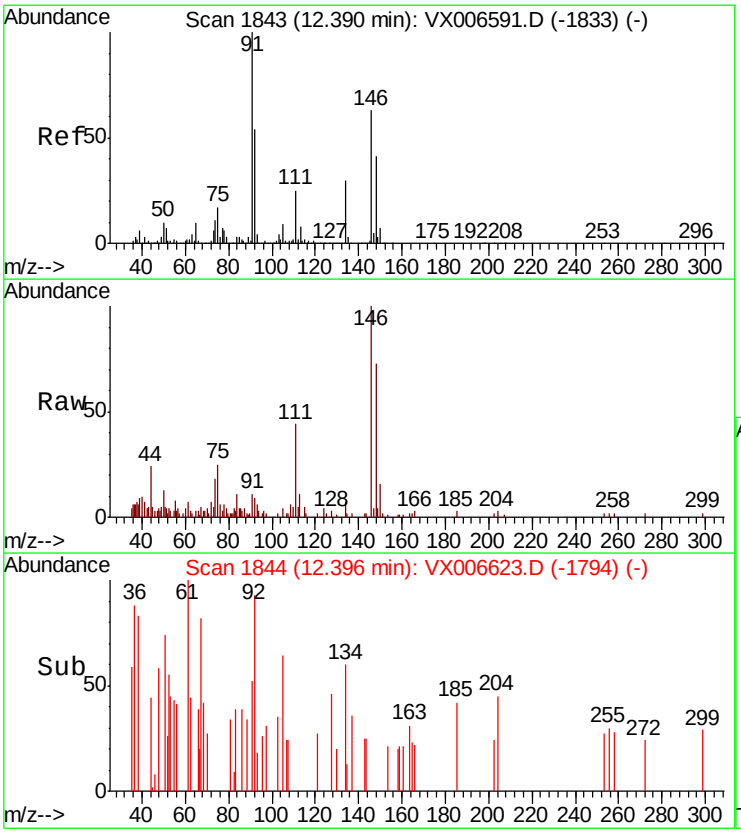
#90
Hexachloroethane
Concen: 3.316 ug/l
RT: 12.62 min Scan# 1880
Delta R.T. 0.02 min
Lab File: VX006623.D
Acq: 19 Dec 2018 03:25

Instrument :
MSVOA_X
ClientSampleId :
SA.PZ163I-20181208

Tgt Ion:117 Resp: 101

Ion	Ratio	Lower	Upper
117	100		
201	28.7	44.7	134.1#





#91
1,2-Dichlorobenzene
Concen: 0.375 ug/l
RT: 12.40 min Scan# 1844
Delta R.T. 0.01 min
Lab File: VX006623.D
Acq: 19 Dec 2018 03:25

Tgt Ion:146 Resp: 5567

Ion	Ratio	Lower	Upper
146	100		
111	46.6	19.1	57.3
148	69.3	32.1	96.3