Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121018\
Data File : VX006364.D
Acq On : 10 Dec 2018 12:39
Operator : JC/MD
Sample : J6296-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : CB-1206-S-TCLP-GRID

Quant Time: Dec 11 03:56:07 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	881931	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1297368	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1143603	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	543471	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	419080	46.55	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.10%			
35) Dibromofluoromethane	5.51	113	410619	48.88	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.76%			
50) Toluene-d8	8.71	98	1495940	48.96	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.92%			
62) 4-Bromofluorobenzene	11.13	95	536850	46.63	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.26%			
Target Compounds						Qvalue
5) Bromomethane	1.64	94	1368	0.207	ug/l #	58
11) Tert butyl alcohol	3.03	59	5467	2.220	ug/l #	88
13) Acrolein	2.29	56	408	0.303	ug/l #	53
16) Acetone	2.45	43	17808	4.215	ug/l	94
18) Methyl Acetate	2.78	43	3148	0.223	ug/l	95
20) Methylene Chloride	2.86	84	13929	1.549	ug/l	91
25) 2-Butanone	4.71	43	3236	0.537	ug/l	100
29) Tetrahydrofuran	5.17	42	2049	0.489	ug/l #	73
30) Chloroform	5.21	83	4484	0.303	ug/l	89
36) 1,1-Dichloropropene	5.67	75	52057	4.765	ug/l #	48
38) Carbon Tetrachloride	5.66	117	78554	6.112	ug/l #	14
43) Isopropyl Acetate	6.46	43	37798	1.853	ug/l	96
48) Methyl methacrylate	7.68	41	16003	1.613	ug/l #	13
49) 1,4-Dioxane	7.75	88	59	0.241	ug/l #	27
51) 4-Methyl-2-Pentanone	8.62	43	183213	15.428	ug/l #	49
54) cis-1,3-Dichloropropene	8.62	75	100625	7.124	ug/l #	57
57) 1,3-Dichloropropane	9.54	76	21675	1.567	ug/l #	44
59) 2-Hexanone	9.54	43	258672	28.511	ug/l #	51
74) N-amyl acetate	10.69	43	23037	1.425	ug/l #	56
76) 1,2,3-Trichloropropane	11.13	75	242284	23.097	ug/l #	38
78) n-propylbenzene	11.36	91	10992	0.263	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	9273	0.297	ug/l	94
81) trans-1,4-Dichloro-2-buten	11.13	75	242284	54.202	ug/l #	15
84) 1,2,4-Trimethylbenzene	11.81	105	6755	0.209	ug/l	100
85) sec-Butylbenzene	11.94	105	8964	0.236	ug/l	80
89) n-Butylbenzene	12.39	91	8224	0.282	ug/l #	65
95) Naphthalene	13.83	128	43075	1.032	ug/l #	96

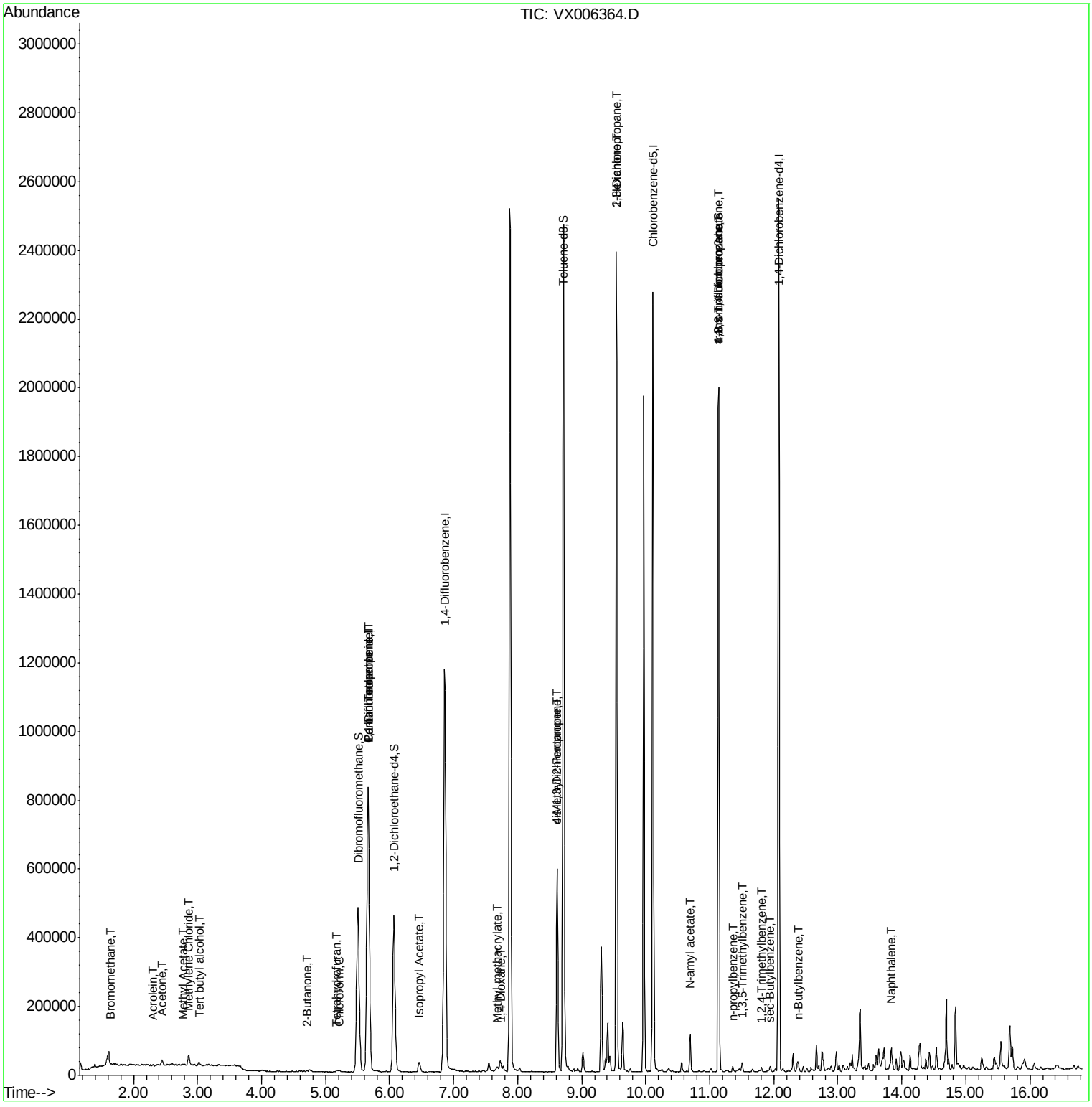
(#) = qualifier out of range (m) = manual integration (+) = signals summed

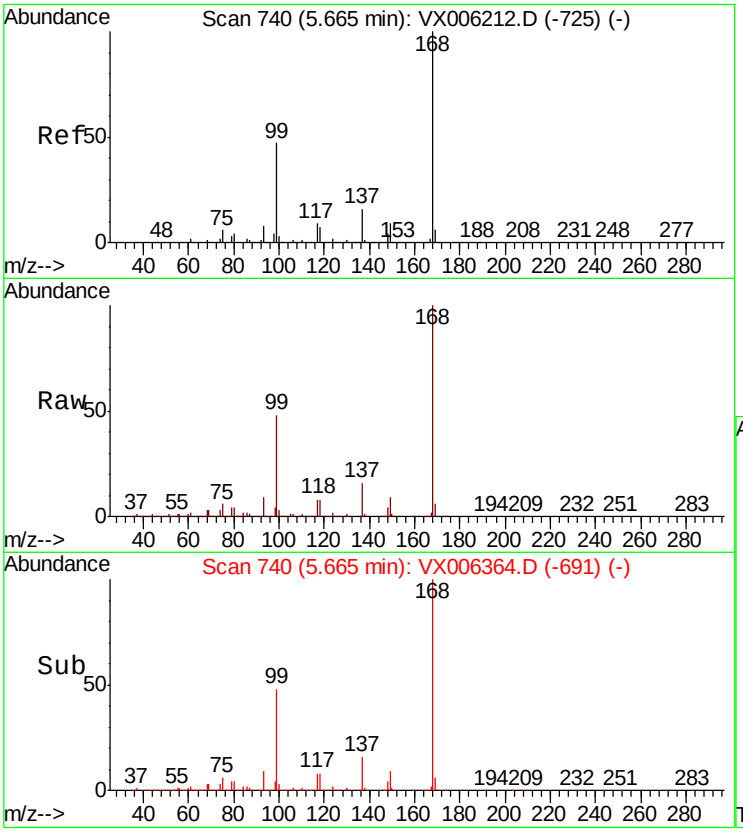
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121018\
Data File : VX006364.D
Acq On : 10 Dec 2018 12:39
Operator : JC/MD
Sample : J6296-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
CB-1206-S-TCLP-GRID

Quant Time: Dec 11 03:56:07 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
Response via : Initial Calibration



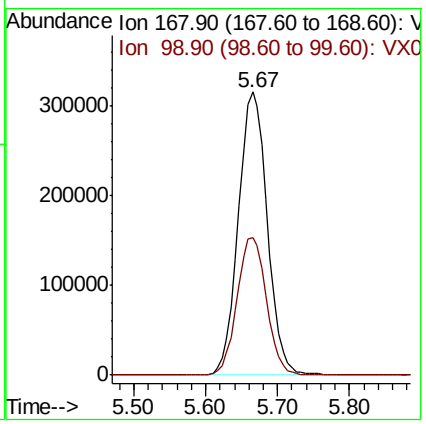


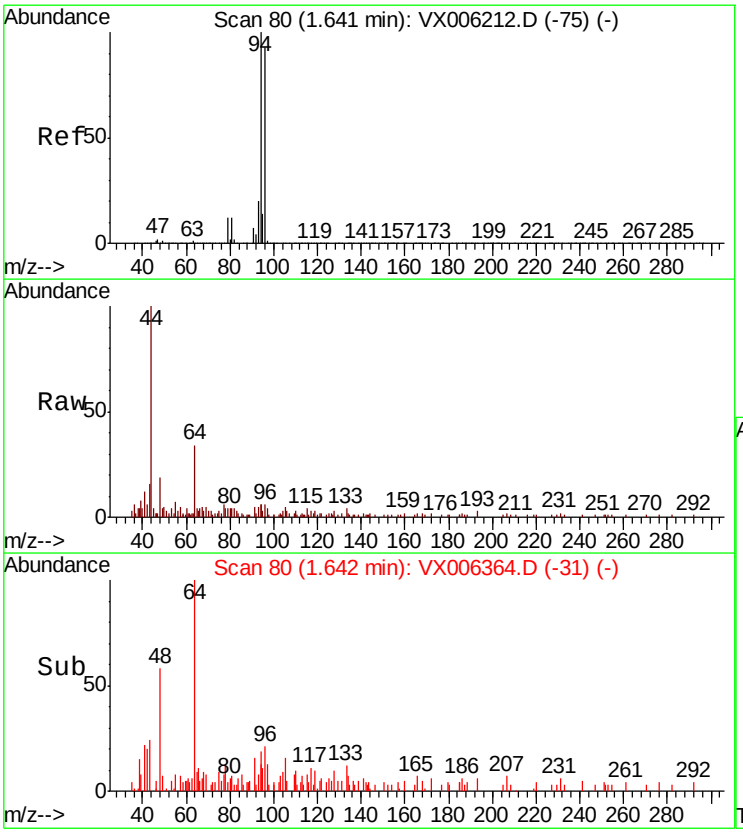
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.00 min
Lab File: VX006364.D
Acq: 10 Dec 2018 12:39

Instrument :
MSVOA_X
ClientSampleId :
CB-1206-S-TCLP-GRID

Tgt Ion:168 Resp: 881931

Ion	Ratio	Lower	Upper
168	100		
99	48.3	37.8	56.8

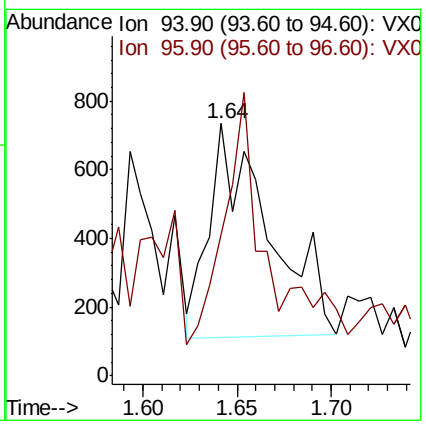


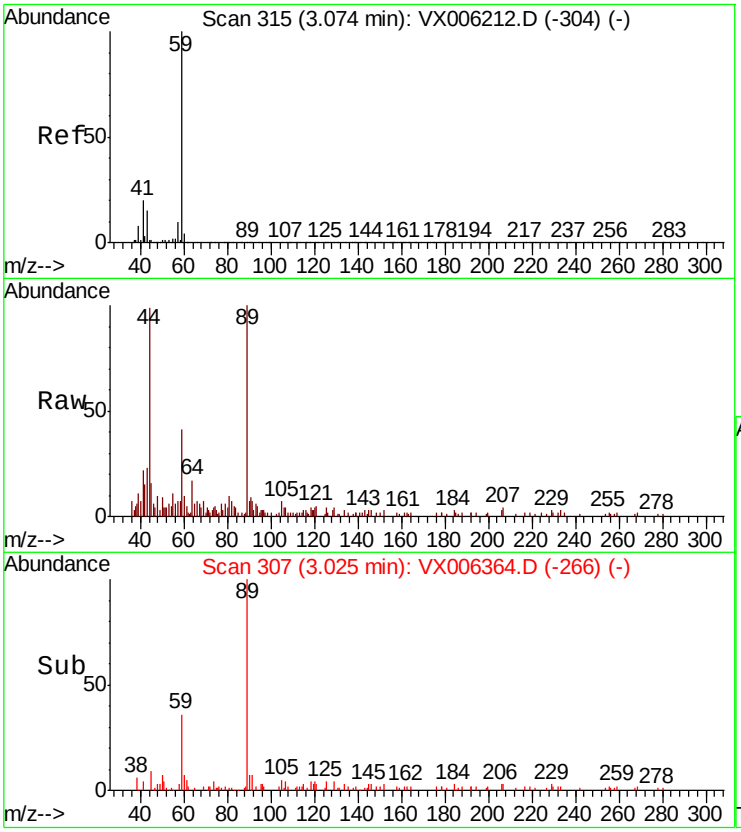


#5
Bromomethane
Concen: 0.207 ug/l
RT: 1.64 min Scan# 80
Delta R.T. 0.00 min
Lab File: VX006364.D
Acq: 10 Dec 2018 12:39

Tgt Ion: 94 Resp: 1368

Ion	Ratio	Lower	Upper
94	100		
96	52.8	74.5	111.7#



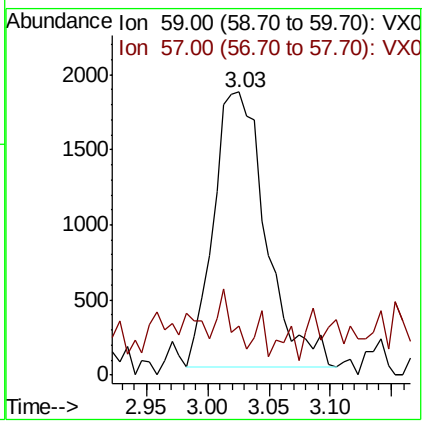


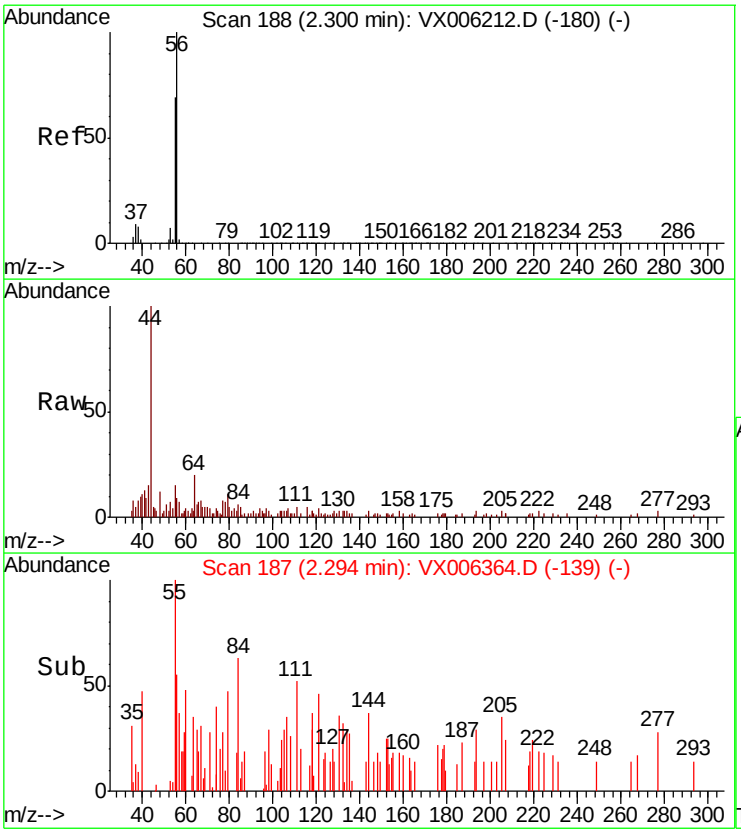
#11
Tert butyl alcohol
Concen: 2.220 ug/l
RT: 3.03 min Scan# 307
Delta R.T. -0.05 min
Lab File: VX006364.D
Acq: 10 Dec 2018 12:39

Instrument : MSVOA_X
ClientSampleId : CB-1206-S-TCLP-GRID

Tgt Ion: 59 Resp: 5467

Ion	Ratio	Lower	Upper
59	100		
57	5.8	8.2	12.2#

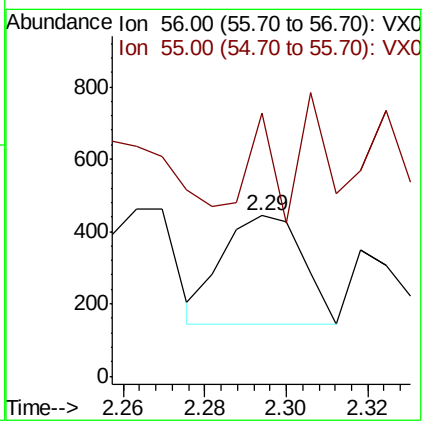


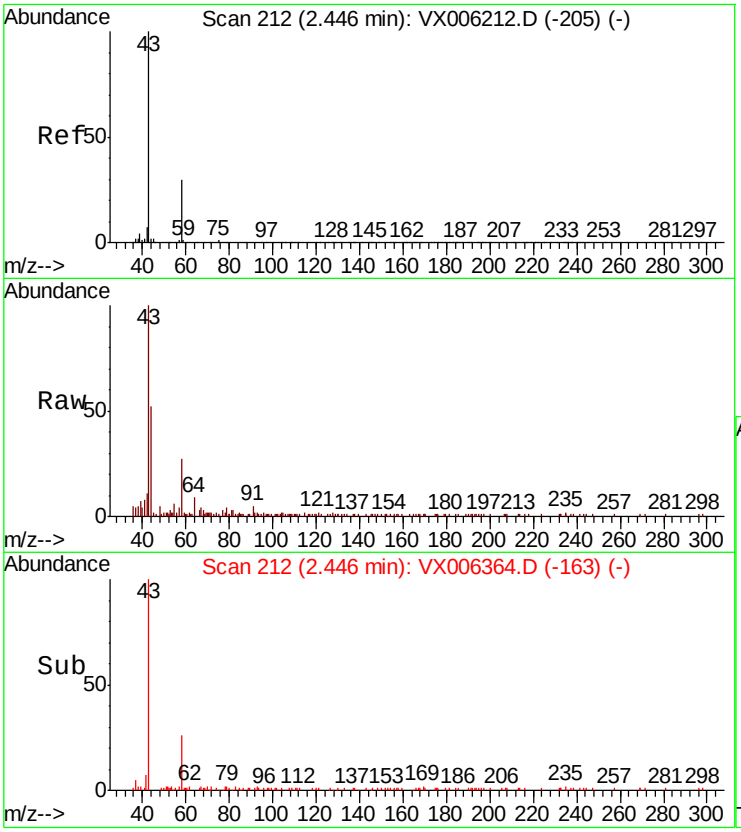


#13
Acrolein
Concen: 0.303 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.01 min
Lab File: VX006364.D
Acq: 10 Dec 2018 12:39

Tgt Ion: 56 Resp: 408

Ion	Ratio	Lower	Upper
56	100		
55	33.3	57.8	86.6#



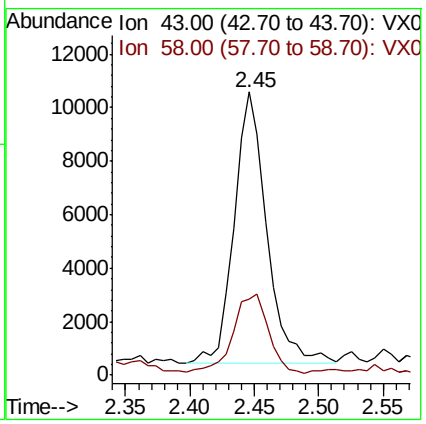


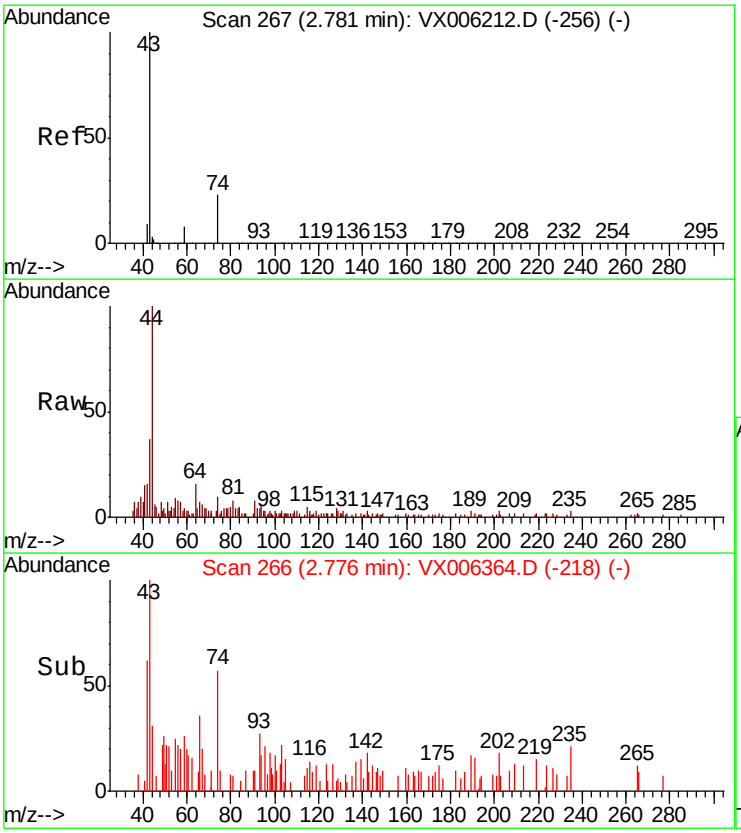
#16
Acetone
Concen: 4.215 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX006364.D
Acq: 10 Dec 2018 12:39

Instrument :
MSVOA_X
ClientSampleId :
CB-1206-S-TCLP-GRID

Tgt Ion: 43 Resp: 17808

Ion	Ratio	Lower	Upper
43	100		
58	26.6	24.0	36.0

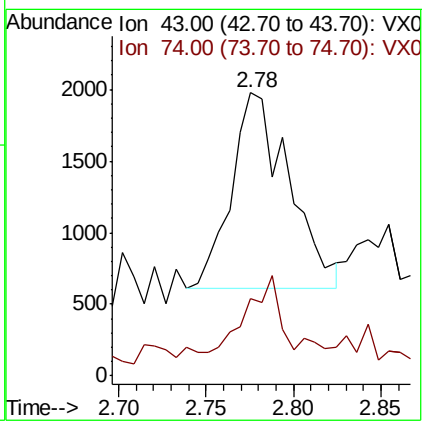


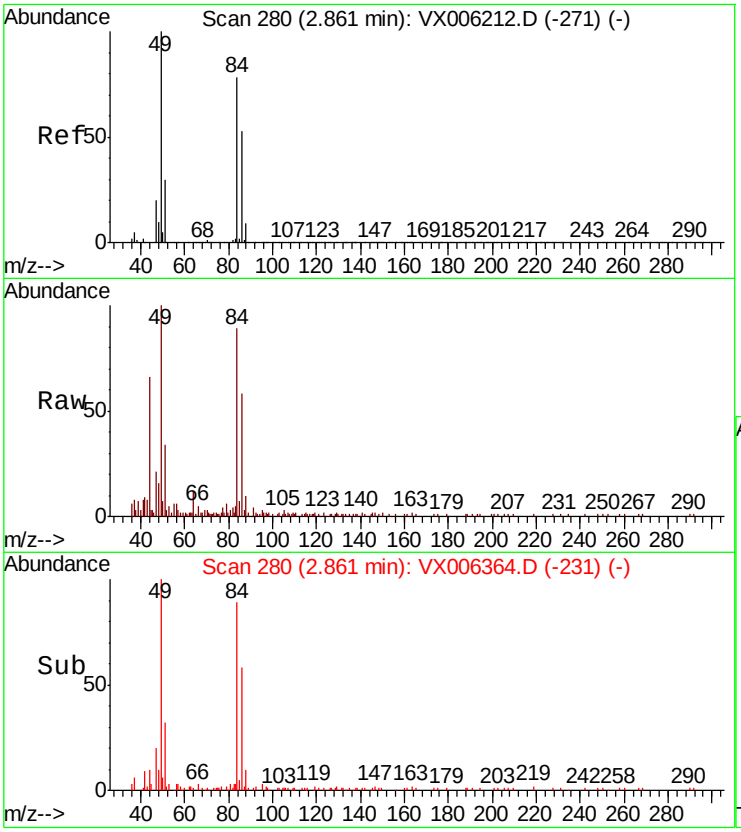


#18
Methyl Acetate
Concen: 0.223 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX006364.D
Acq: 10 Dec 2018 12:39

Tgt Ion: 43 Resp: 3148

Ion	Ratio	Lower	Upper
43	100		
74	25.0	17.9	26.9



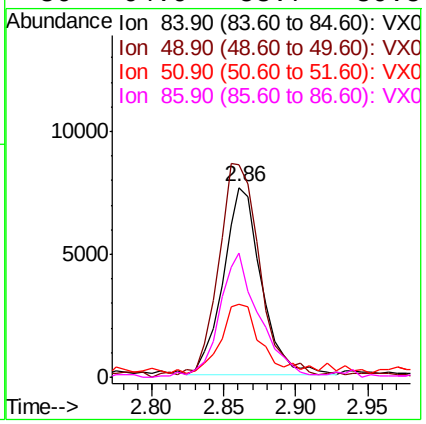


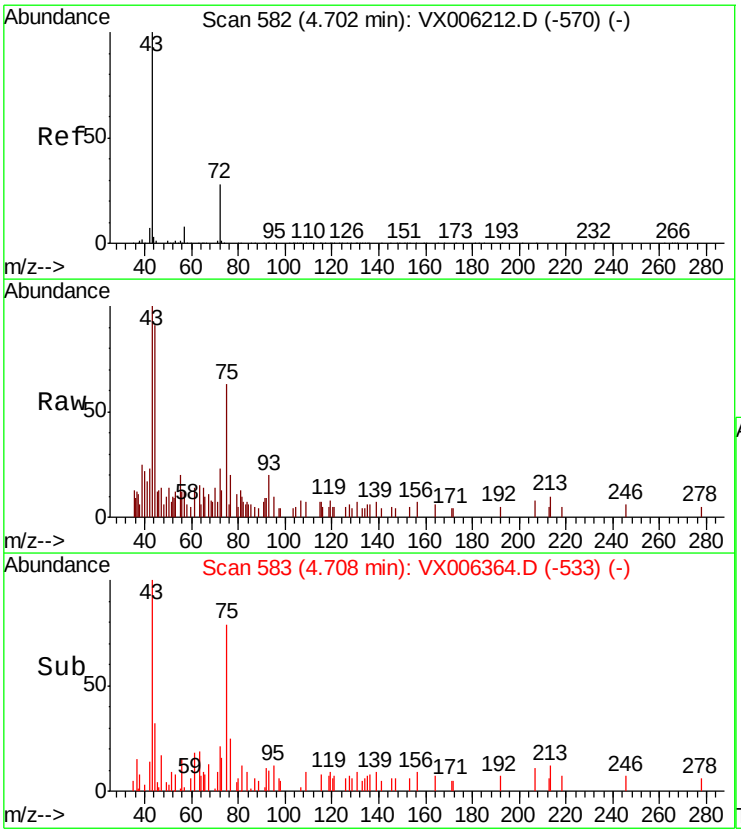
#20
Methylene Chloride
Concen: 1.549 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX006364.D
Acq: 10 Dec 2018 12:39

Instrument : MSVOA_X
ClientSampleId : CB-1206-S-TCLP-GRID

Tgt Ion: 84 Resp: 13929

Ion	Ratio	Lower	Upper
84	100		
49	110.9	102.2	153.4
51	36.8	31.1	46.7
86	64.9	53.7	80.5

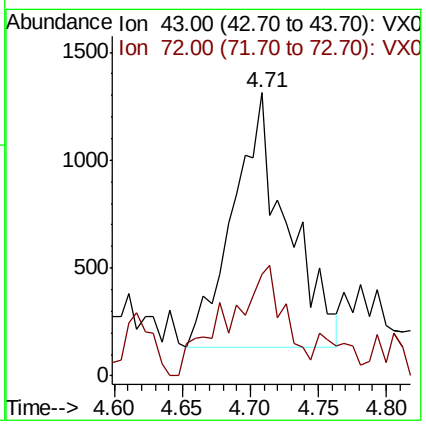


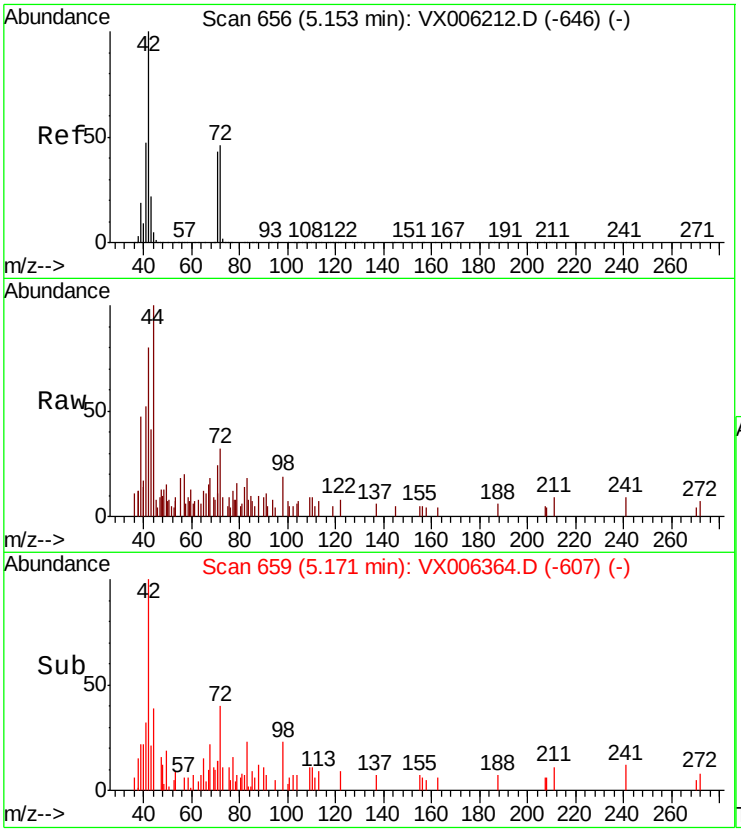


#25
2-Butanone
Concen: 0.537 ug/l
RT: 4.71 min Scan# 583
Delta R.T. 0.01 min
Lab File: VX006364.D
Acq: 10 Dec 2018 12:39

Tgt Ion: 43 Resp: 3236

Ion	Ratio	Lower	Upper
43	100		
72	28.1	22.6	33.8



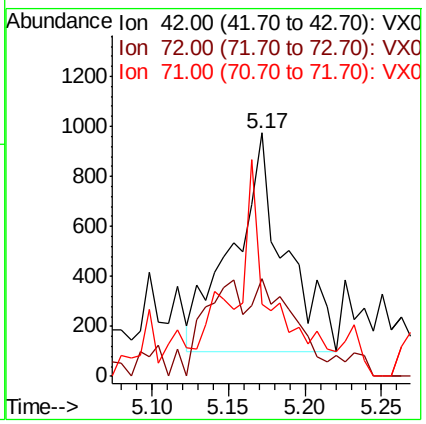


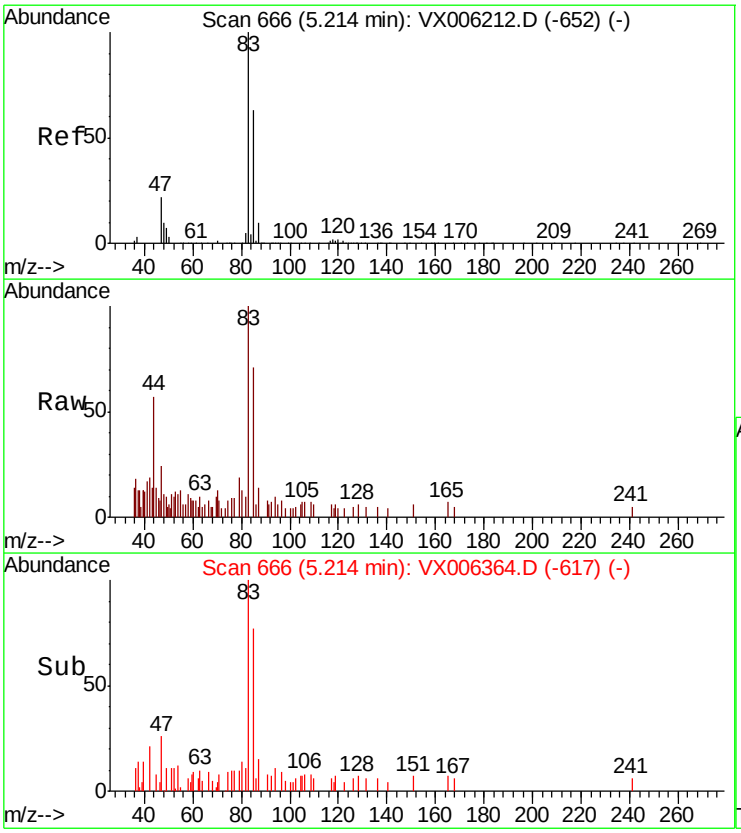
#29
Tetrahydrofuran
Concen: 0.489 ug/l
RT: 5.17 min Scan# 659
Delta R.T. 0.02 min
Lab File: VX006364.D
Acq: 10 Dec 2018 12:39

Instrument :
MSVOA_X
ClientSampleId :
CB-1206-S-TCLP-GRID

Tgt Ion: 42 Resp: 2049

Ion	Ratio	Lower	Upper
42	100		
72	24.5	37.8	56.8#
71	56.0	35.2	52.8#

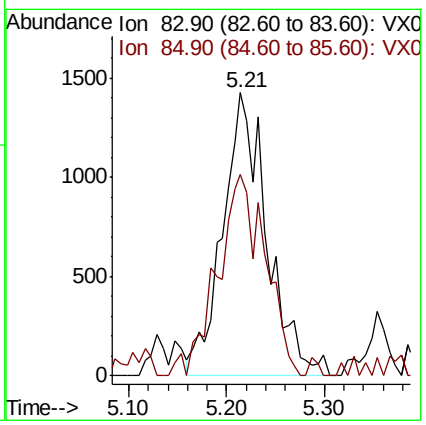


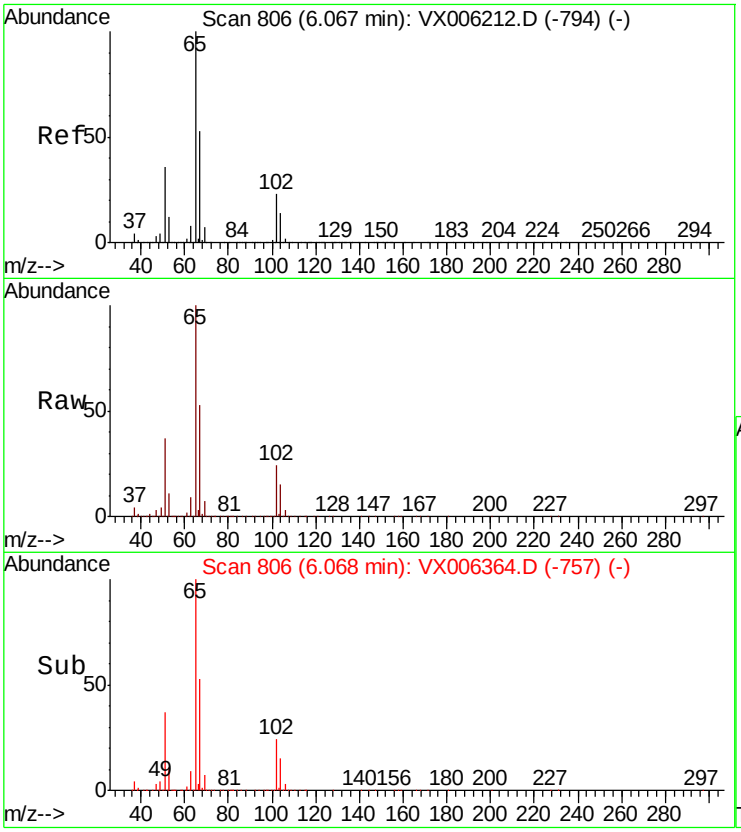


#30
Chloroform
Concen: 0.303 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX006364.D
Acq: 10 Dec 2018 12:39

Tgt Ion: 83 Resp: 4484

Ion	Ratio	Lower	Upper
83	100		
85	71.2	50.3	75.5



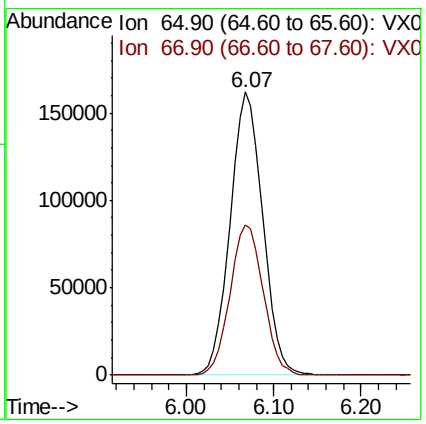


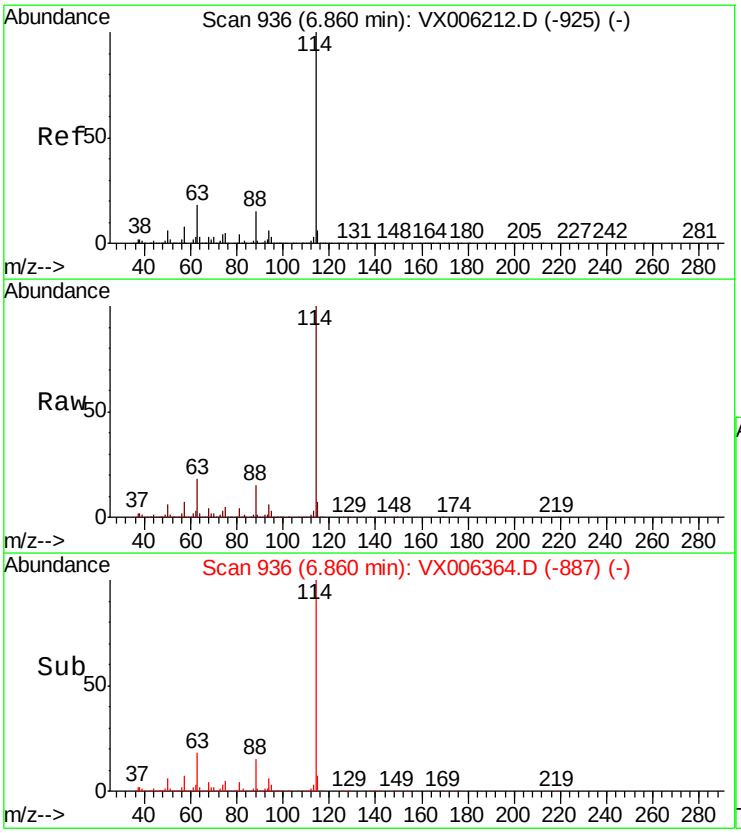
#33
1,2-Dichloroethane-d4
Concen: 46.548 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX006364.D
Acq: 10 Dec 2018 12:39

Instrument : MSVOA_X
ClientSampleId : CB-1206-S-TCLP-GRID

Tgt Ion: 65 Resp: 419080

Ion	Ratio	Lower	Upper
65	100		
67	54.0	0.0	107.2

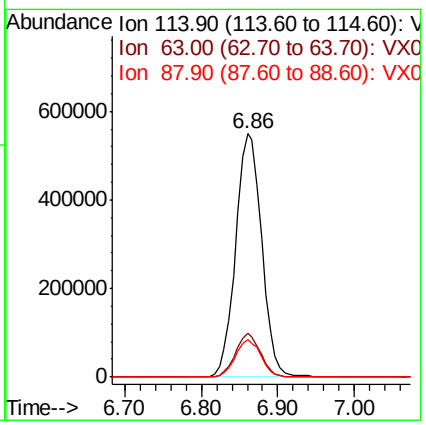


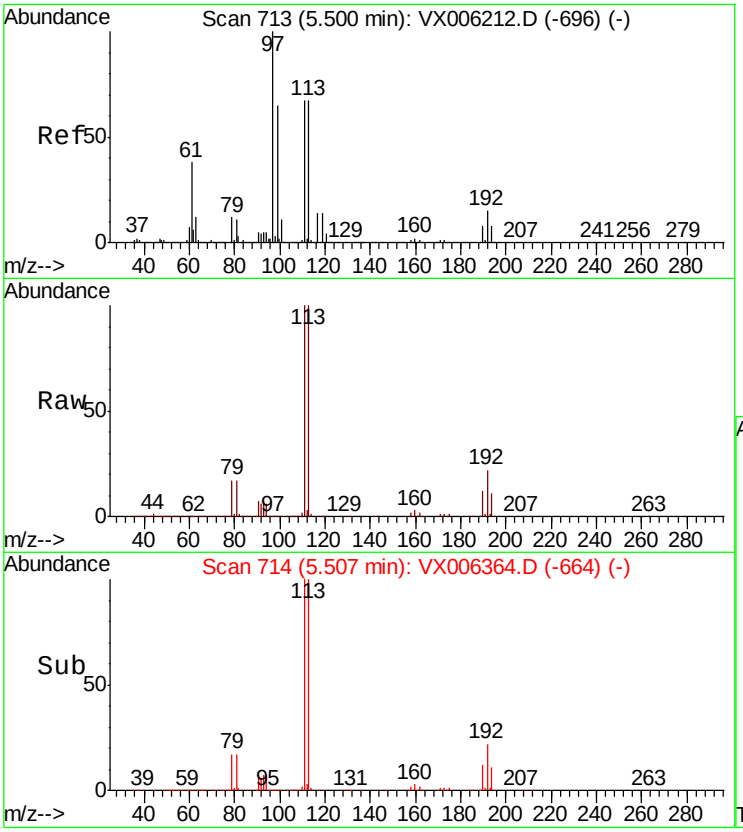


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX006364.D
Acq: 10 Dec 2018 12:39

Tgt Ion:114 Resp: 1297368

Ion	Ratio	Lower	Upper
114	100		
63	17.8	0.0	36.6
88	15.2	0.0	29.0



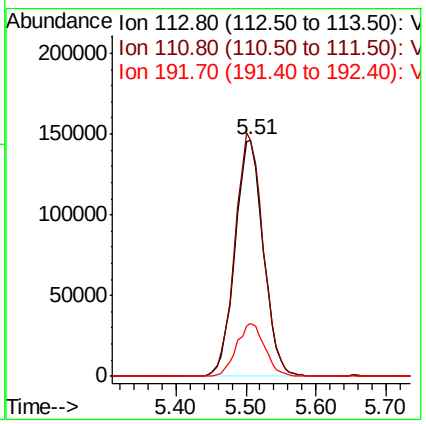


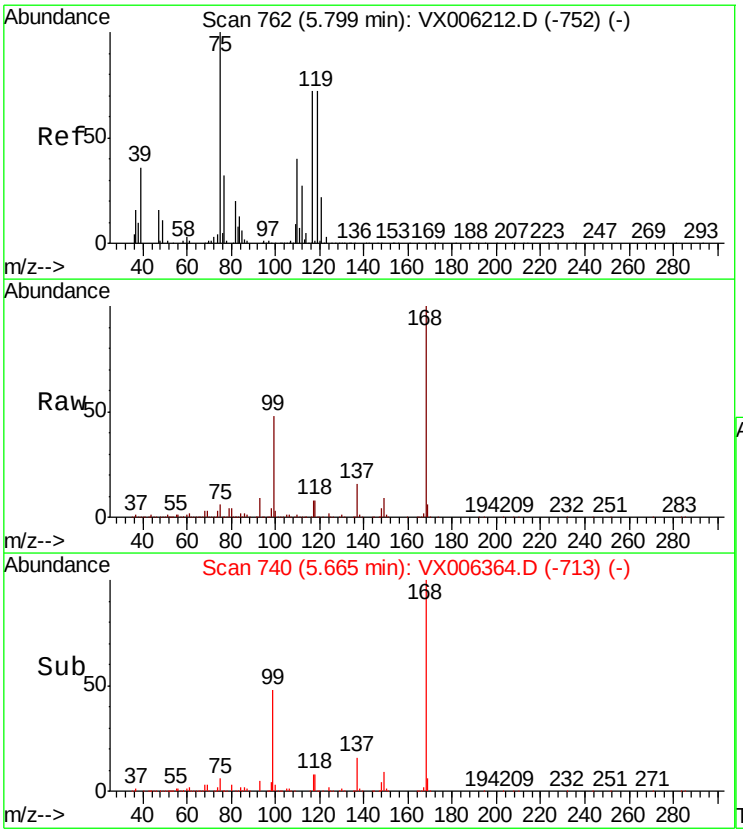
#35
Dibromofluoromethane
Concen: 48.883 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX006364.D
Acq: 10 Dec 2018 12:39

Instrument :
MSVOA_X
ClientSampleId :
CB-1206-S-TCLP-GRID

Tgt Ion:113 Resp: 410619

Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.1	121.7
192	22.4	18.2	27.2

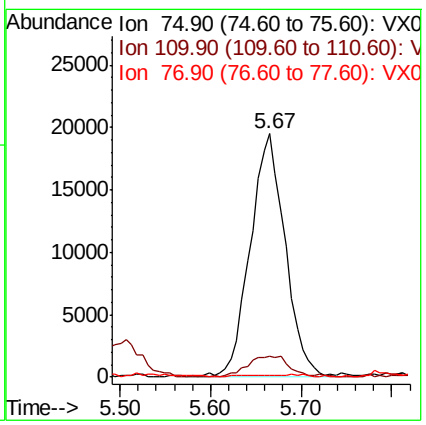


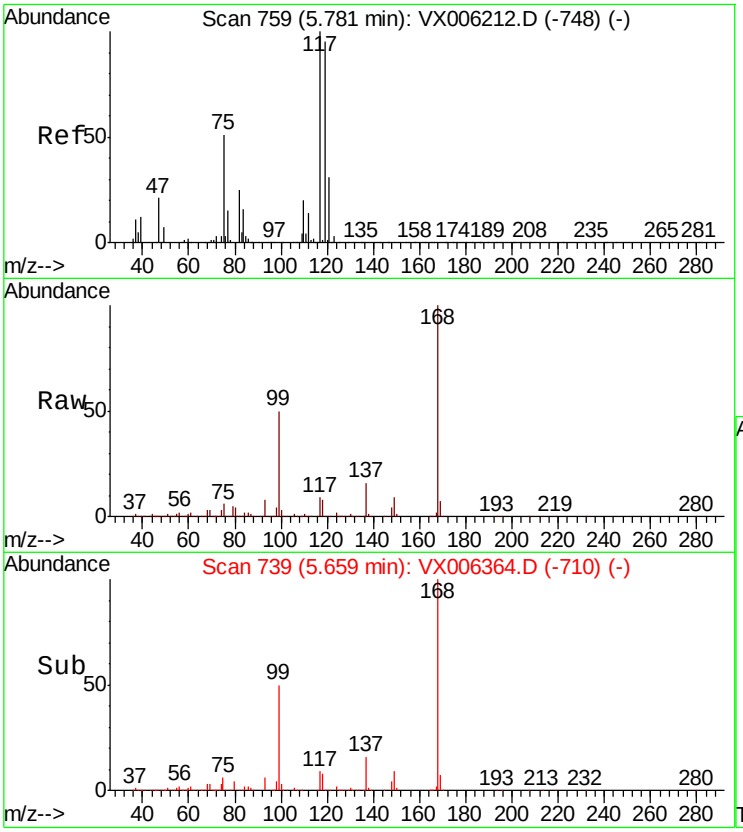


#36
1,1-Dichloropropene
Concen: 4.765 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.13 min
Lab File: VX006364.D
Acq: 10 Dec 2018 12:39

Tgt Ion: 75 Resp: 52057

Ion	Ratio	Lower	Upper
75	100		
110	10.8	20.4	61.3#
77	0.0	24.9	37.3#



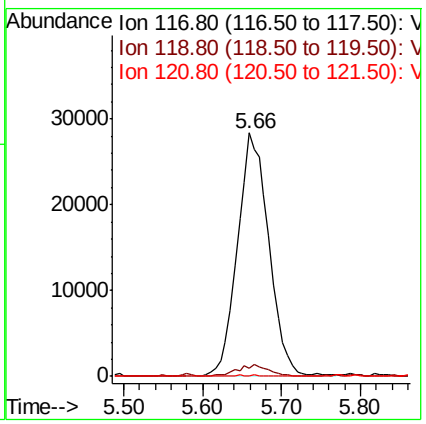


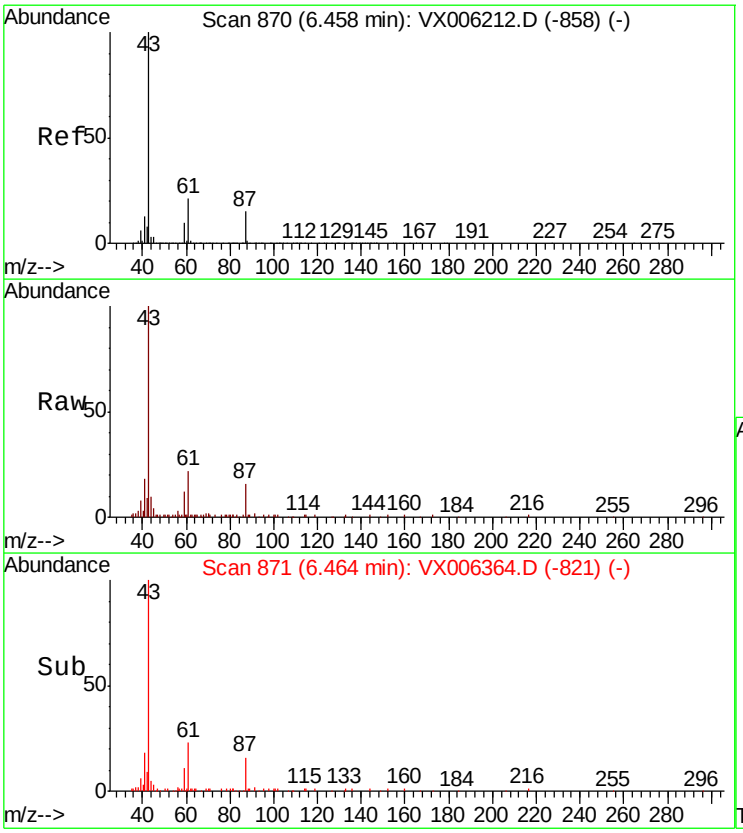
#38
Carbon Tetrachloride
Concen: 6.112 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.12 min
Lab File: VX006364.D
Acq: 10 Dec 2018 12:39

Instrument :
MSVOA_X
ClientSampleId :
CB-1206-S-TCLP-GRID

Tgt Ion:117 Resp: 78554

Ion	Ratio	Lower	Upper
117	100		
119	2.4	75.8	113.8#
121	0.3	24.6	37.0#

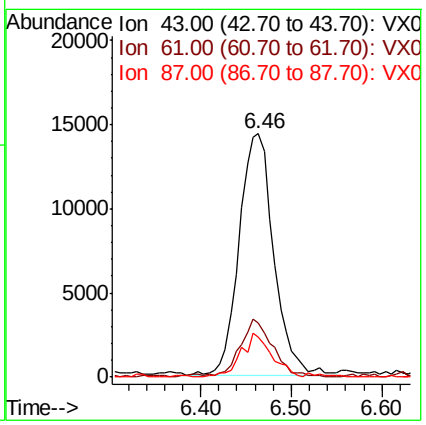


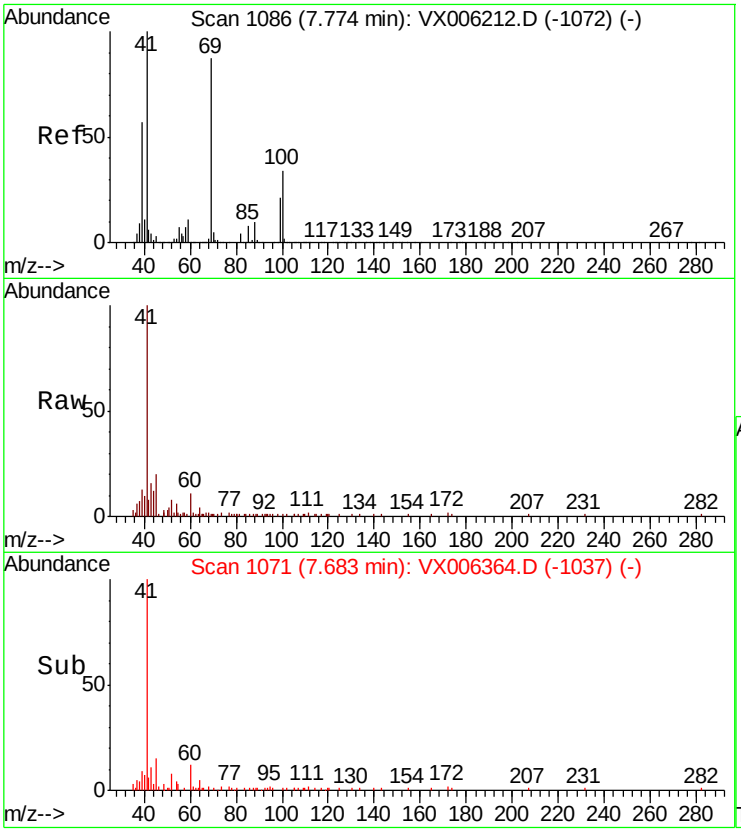


#43
Isopropyl Acetate
Concen: 1.853 ug/l
RT: 6.46 min Scan# 871
Delta R.T. 0.01 min
Lab File: VX006364.D
Acq: 10 Dec 2018 12:39

Tgt Ion: 43 Resp: 37798

Ion	Ratio	Lower	Upper
43	100		
61	22.7	16.8	25.2
87	16.2	11.9	17.9



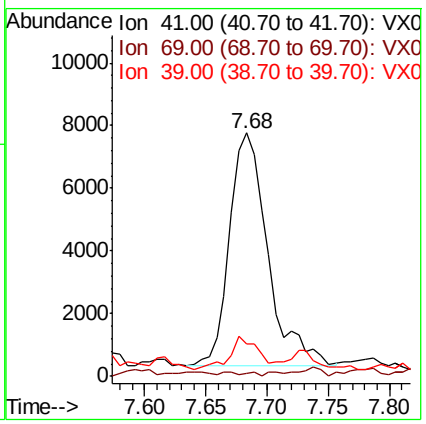


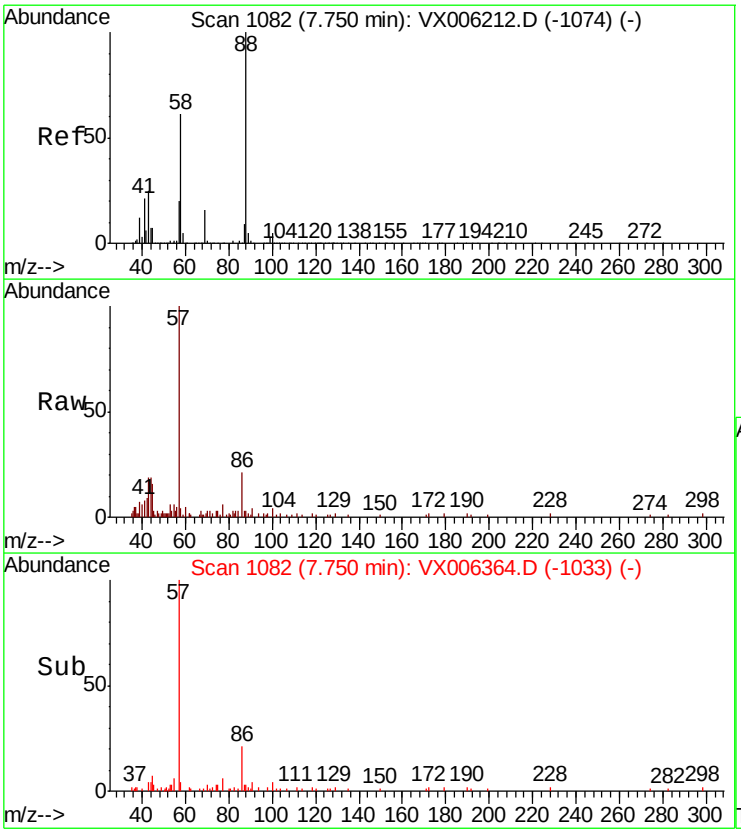
#48
Methyl methacrylate
Concen: 1.613 ug/l
RT: 7.68 min Scan# 1071
Delta R.T. -0.09 min
Lab File: VX006364.D
Acq: 10 Dec 2018 12:39

Instrument : MSVOA_X
ClientSampleId : CB-1206-S-TCLP-GRID

Tgt Ion: 41 Resp: 16003

Ion	Ratio	Lower	Upper
41	100		
69	1.0	70.3	105.5#
39	0.0	45.3	67.9#

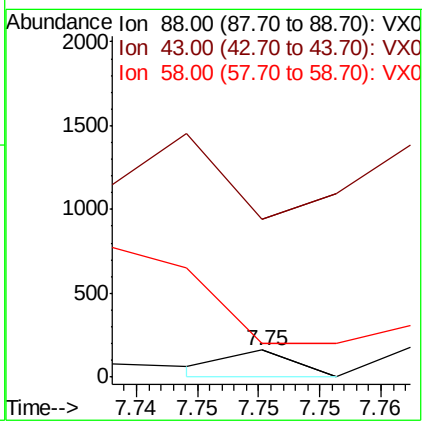


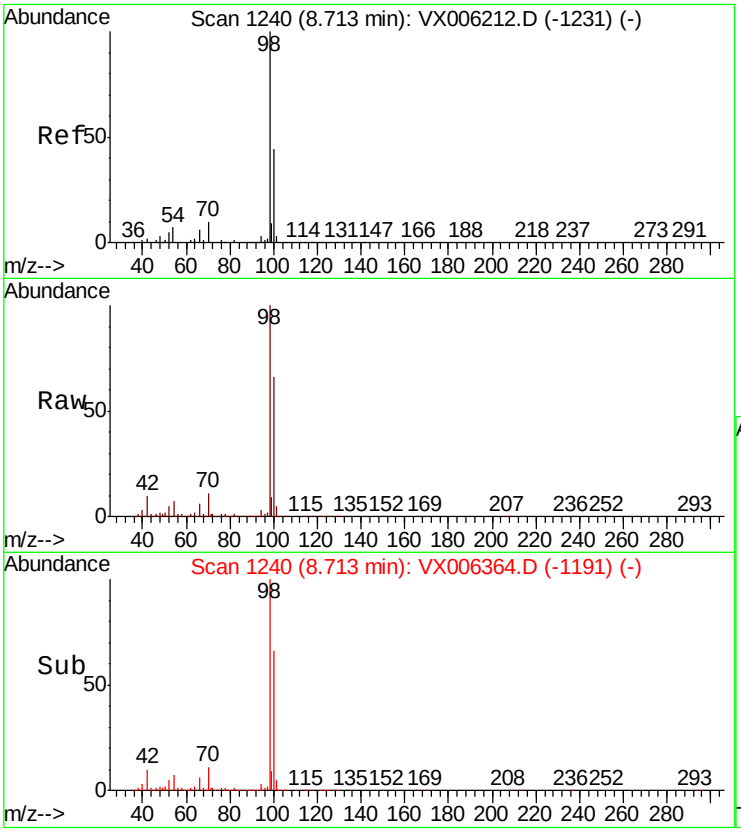


#49
1,4-Dioxane
Concen: 0.241 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX006364.D
Acq: 10 Dec 2018 12:39

Tgt Ion: 88 Resp: 59

Ion	Ratio	Lower	Upper
88	100		
43	0.0	23.2	34.8#
58	0.0	51.4	77.0#



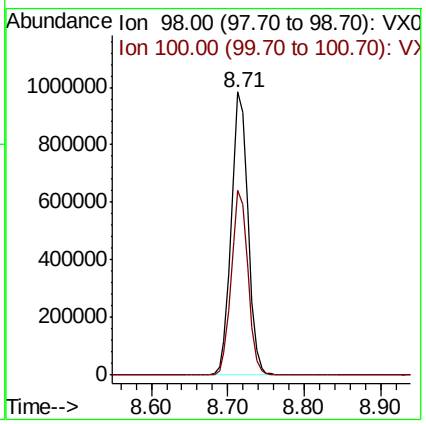


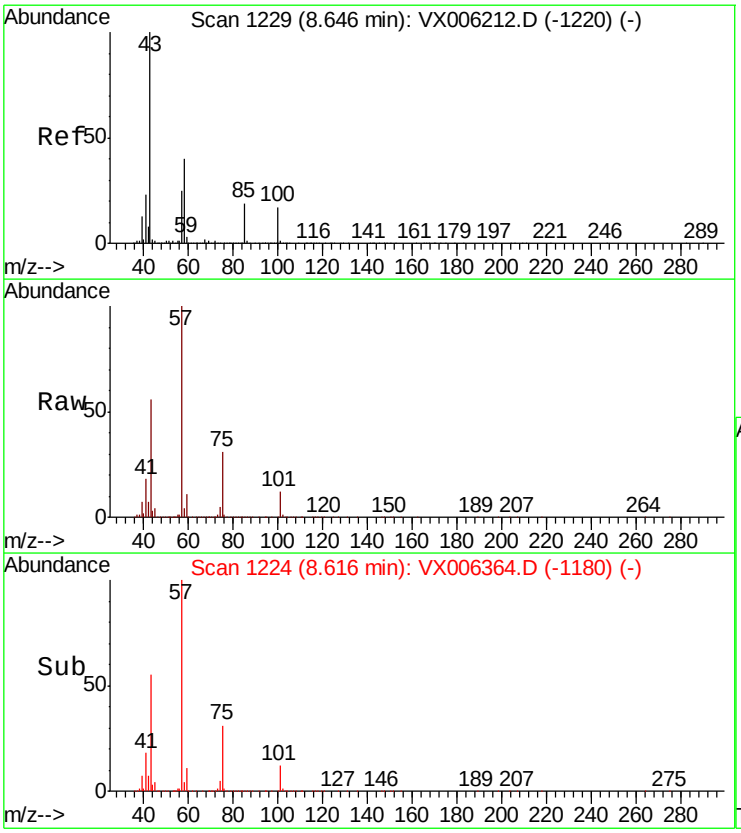
#50
Toluene-d8
Concen: 48.960 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006364.D
Acq: 10 Dec 2018 12:39

Instrument :
MSVOA_X
ClientSampleId :
CB-1206-S-TCLP-GRID

Tgt Ion: 98 Resp: 1495940

Ion	Ratio	Lower	Upper
98	100		
100	64.7	52.2	78.2

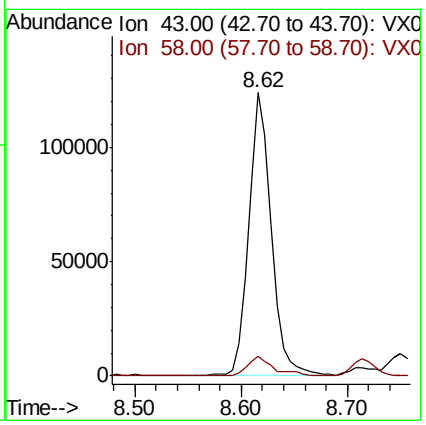


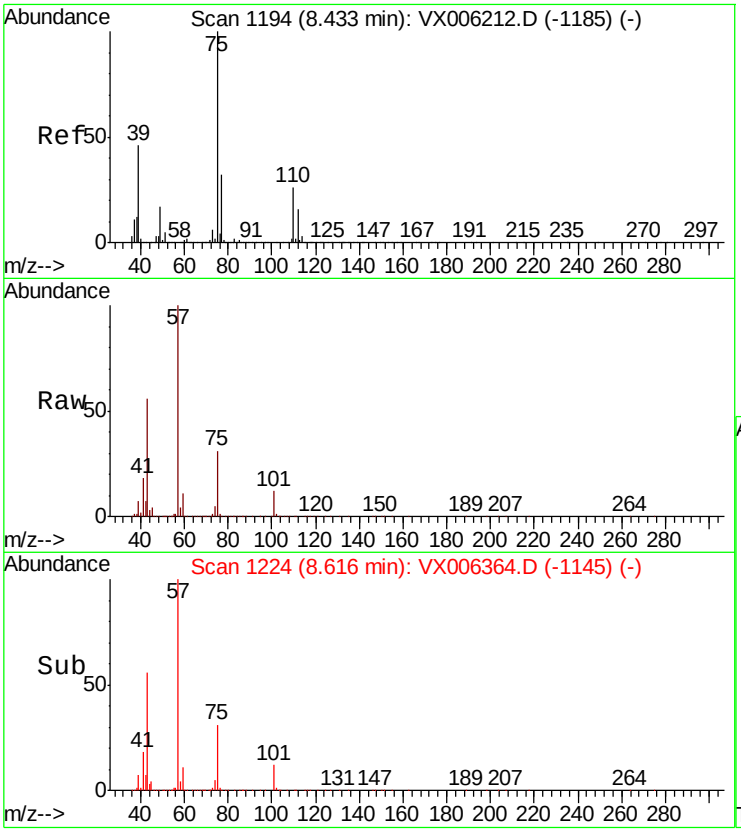


#51
4-Methyl-2-Pentanone
Concen: 15.428 ug/l
RT: 8.62 min Scan# 1224
Delta R.T. -0.03 min
Lab File: VX006364.D
Acq: 10 Dec 2018 12:39

Tgt Ion: 43 Resp: 183213

Ion	Ratio	Lower	Upper
43	100		
58	8.0	31.3	46.9#



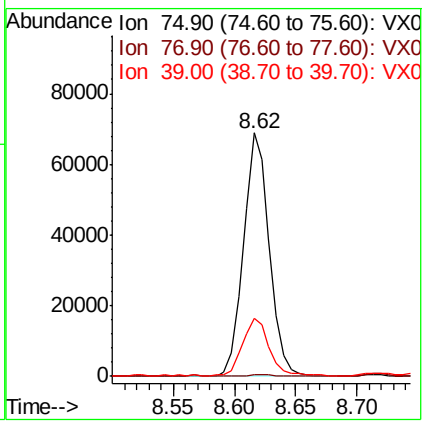


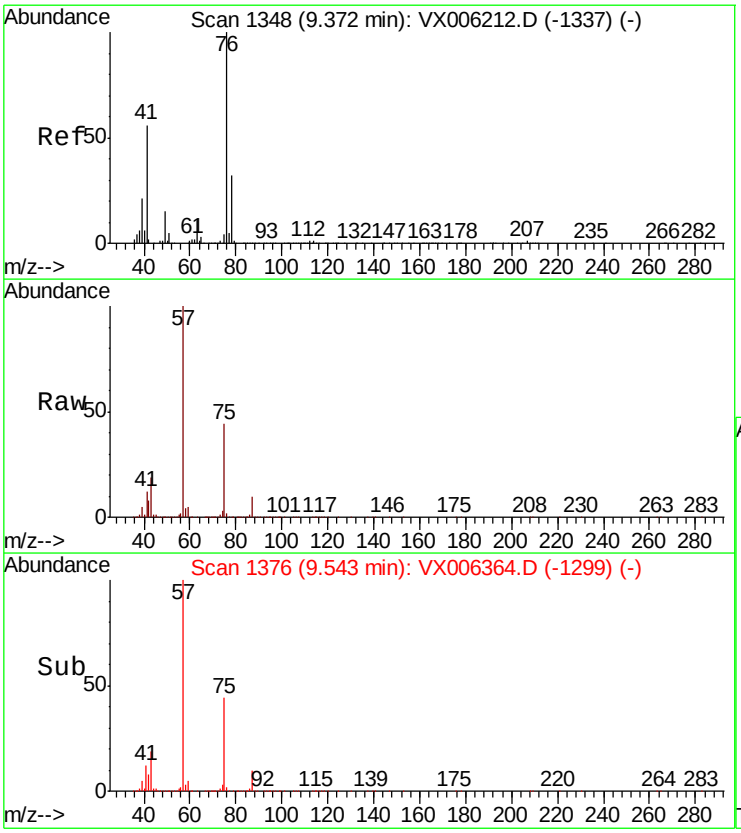
#54
cis-1,3-Dichloropropene
Concen: 7.124 ug/l
RT: 8.62 min Scan# 1224
Delta R.T. 0.18 min
Lab File: VX006364.D
Acq: 10 Dec 2018 12:39

Instrument :
MSVOA_X
ClientSampleId :
CB-1206-S-TCLP-GRID

Tgt Ion: 75 Resp: 100625

Ion	Ratio	Lower	Upper
75	100		
77	0.4	25.6	38.4#
39	23.6	36.5	54.7#

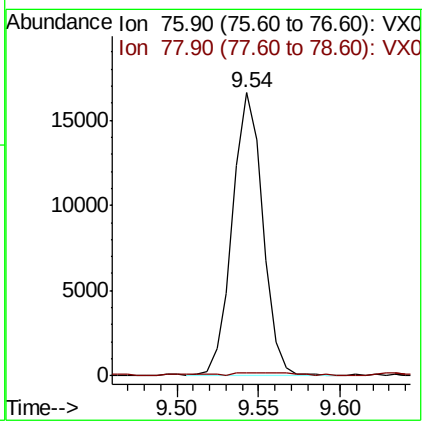


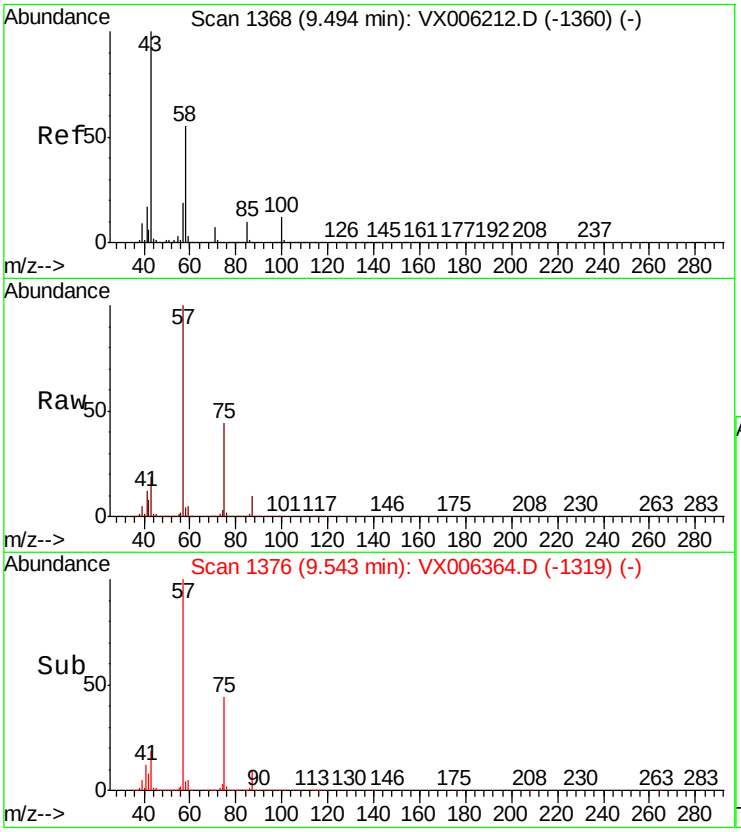


#57
1,3-Dichloropropane
Concen: 1.567 ug/l
RT: 9.54 min Scan# 1376
Delta R.T. 0.17 min
Lab File: VX006364.D
Acq: 10 Dec 2018 12:39

Tgt Ion: 76 Resp: 21675

Ion	Ratio	Lower	Upper
76	100		
78	1.3	26.1	39.1#



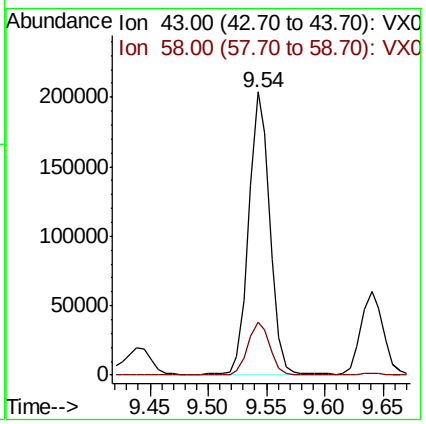


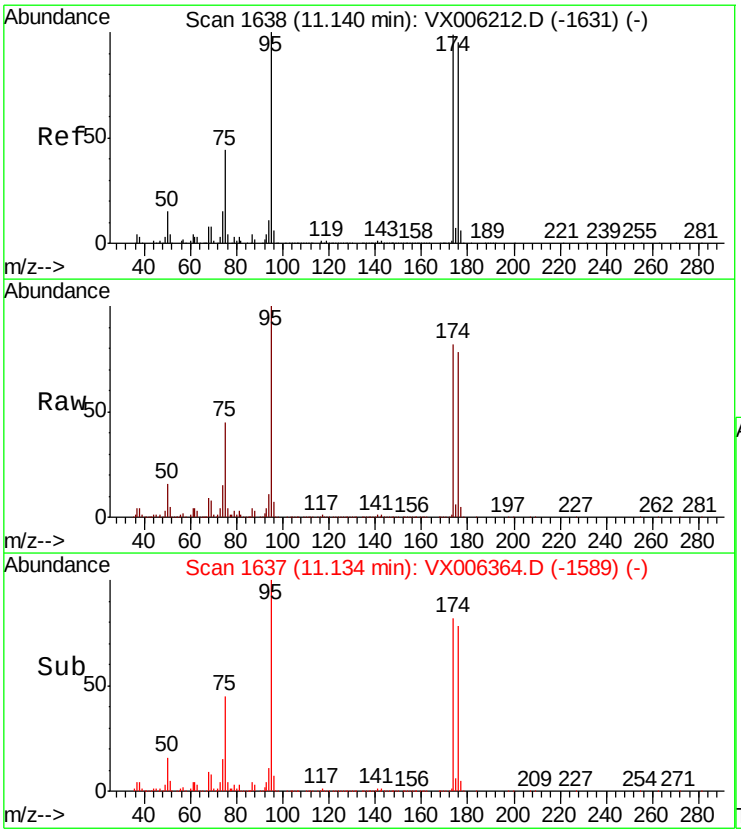
#59
2-Hexanone
Concen: 28.511 ug/l
RT: 9.54 min Scan# 1376
Delta R.T. 0.05 min
Lab File: VX006364.D
Acq: 10 Dec 2018 12:39

Instrument :
MSVOA_X
ClientSampleId :
CB-1206-S-TCLP-GRID

Tgt Ion: 43 Resp: 258672

Ion	Ratio	Lower	Upper
43	100		
58	19.9	27.7	83.1#

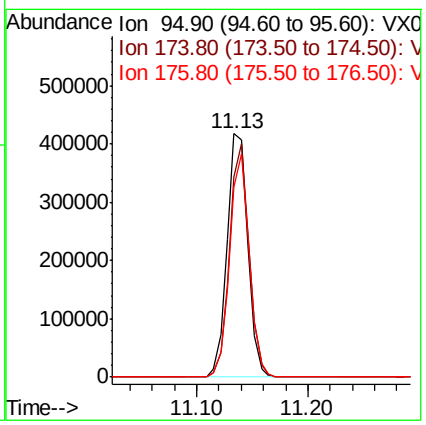


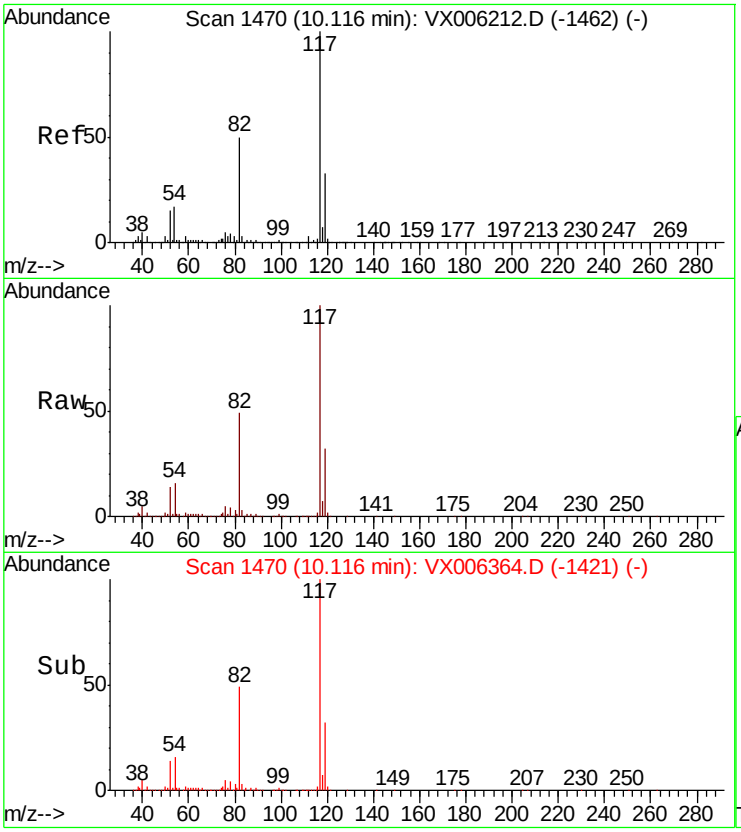


#62
4-Bromofluorobenzene
Concen: 46.627 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.01 min
Lab File: VX006364.D
Acq: 10 Dec 2018 12:39

Tgt Ion: 95 Resp: 536850

Ion	Ratio	Lower	Upper
95	100		
174	90.2	0.0	187.0
176	87.1	0.0	181.8



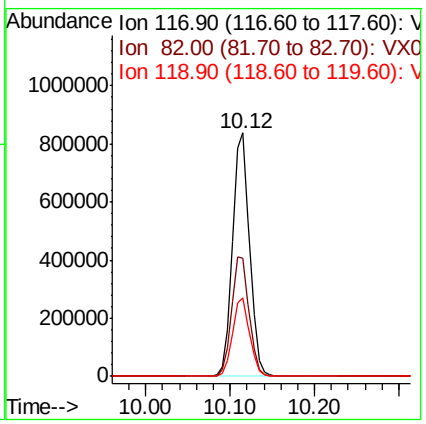


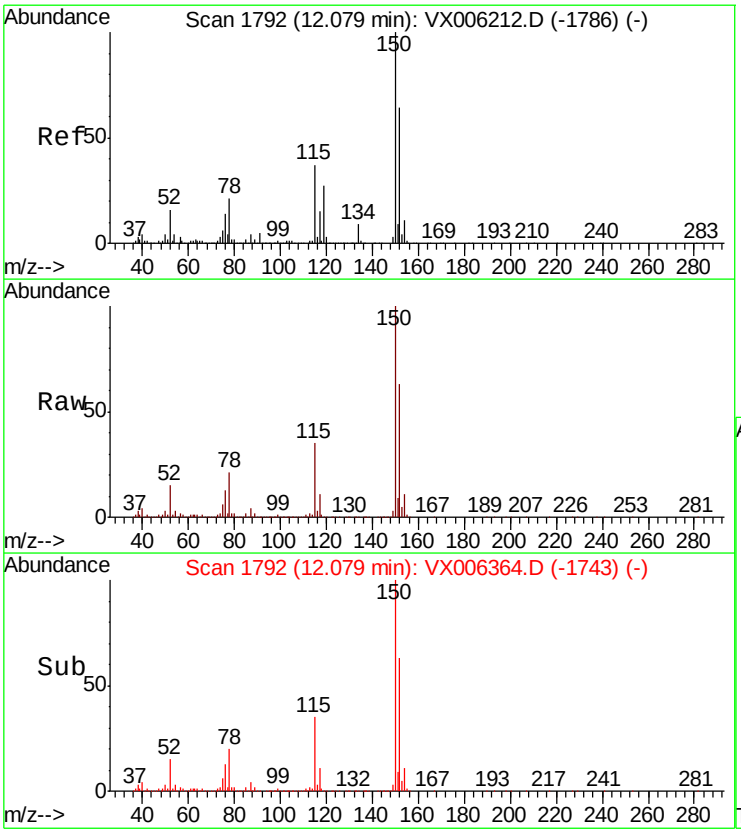
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006364.D
Acq: 10 Dec 2018 12:39

Instrument :
MSVOA_X
ClientSampleId :
CB-1206-S-TCLP-GRID

Tgt Ion:117 Resp: 1143603

Ion	Ratio	Lower	Upper
117	100		
82	48.7	39.6	59.4
119	32.4	26.3	39.5

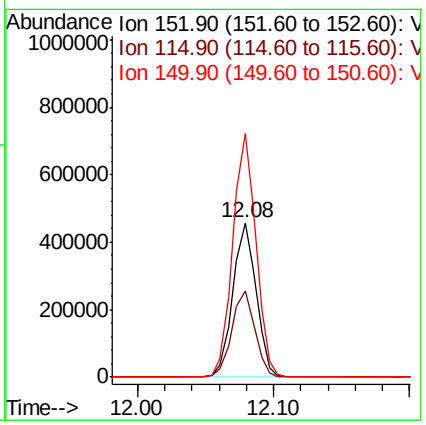


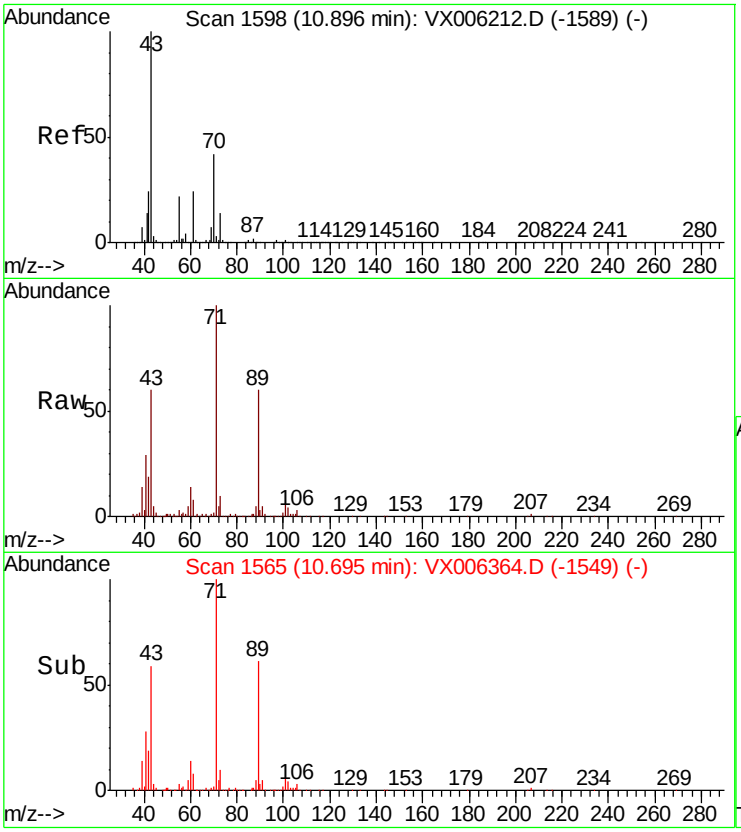


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006364.D
Acq: 10 Dec 2018 12:39

Tgt Ion:152 Resp: 543471

Ion	Ratio	Lower	Upper
152	100		
115	55.7	39.0	116.9
150	157.4	0.0	345.8



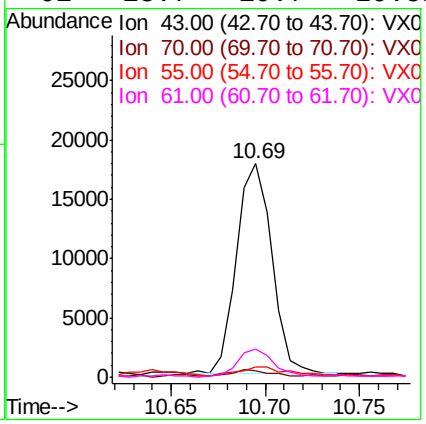


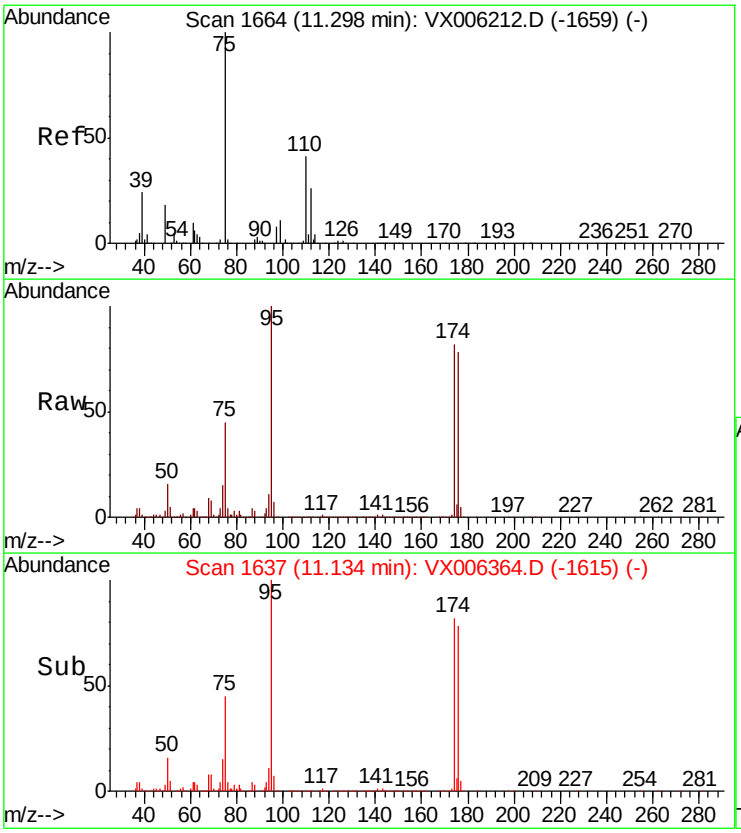
#74
N-amyl acetate
Concen: 1.425 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.20 min
Lab File: VX006364.D
Acq: 10 Dec 2018 12:39

Instrument :
MSVOA_X
ClientSampleId :
CB-1206-S-TCLP-GRID

Tgt Ion: 43 Resp: 23037

Ion	Ratio	Lower	Upper
43	100		
70	3.7	34.1	51.1#
55	5.7	17.8	26.8#
61	13.7	19.7	29.5#

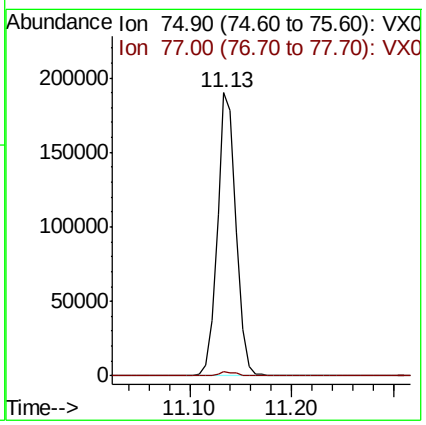


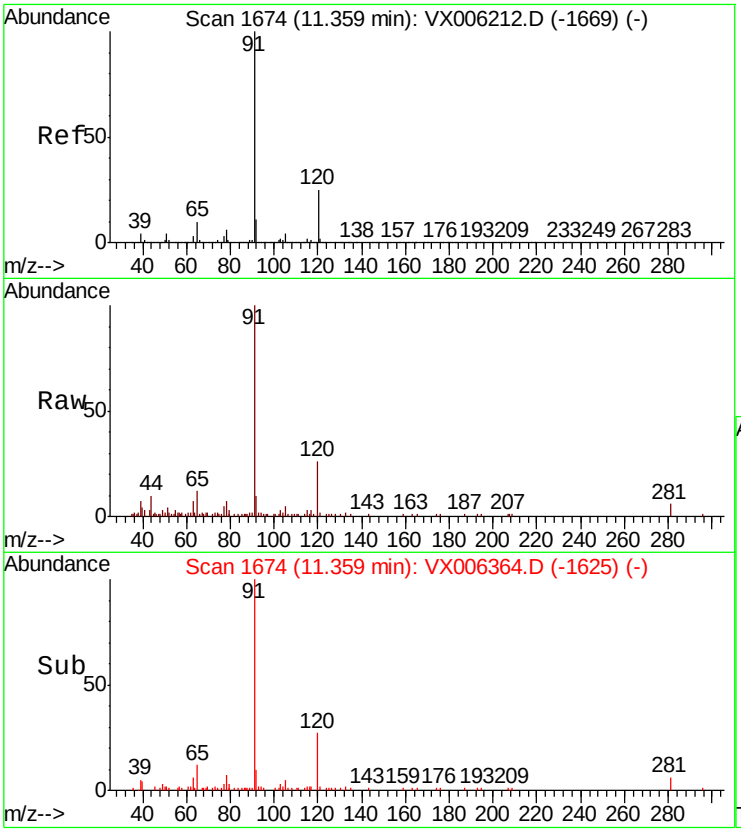


#76
1,2,3-Trichloropropane
Concen: 23.097 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX006364.D
Acq: 10 Dec 2018 12:39

Tgt Ion: 75 Resp: 242284

Ion	Ratio	Lower	Upper
75	100		
77	1.3	19.9	59.7#



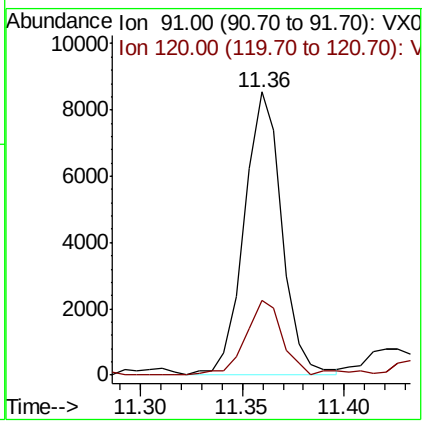


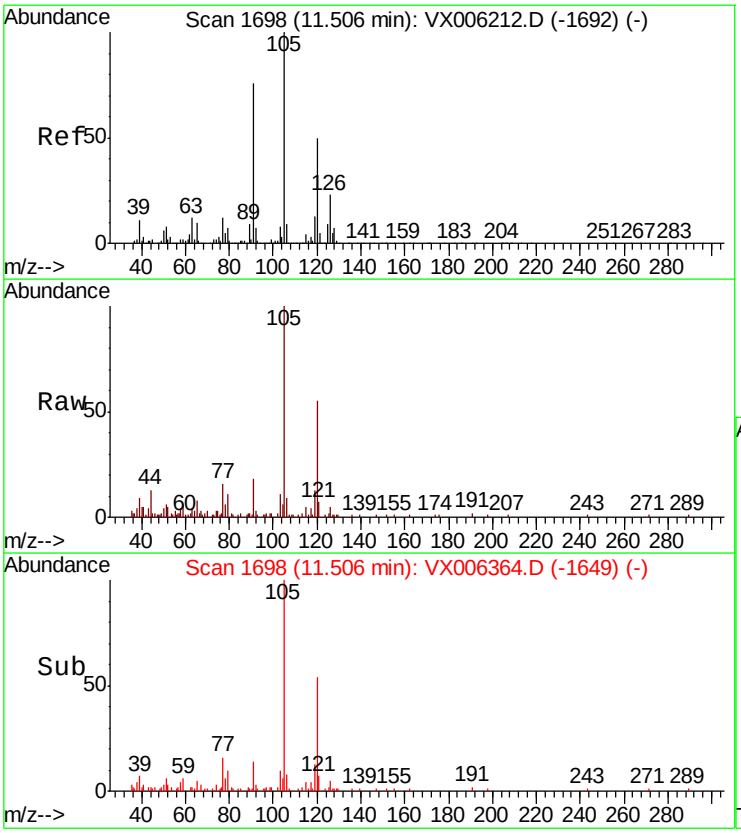
#78
n-propylbenzene
Concen: 0.263 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VX006364.D
Acq: 10 Dec 2018 12:39

Instrument :
MSVOA_X
ClientSampleId :
CB-1206-S-TCLP-GRID

Tgt Ion: 91 Resp: 10992

Ion	Ratio	Lower	Upper
91	100		
120	26.3	12.7	38.0

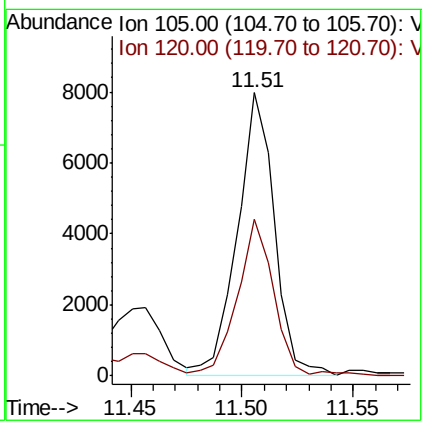


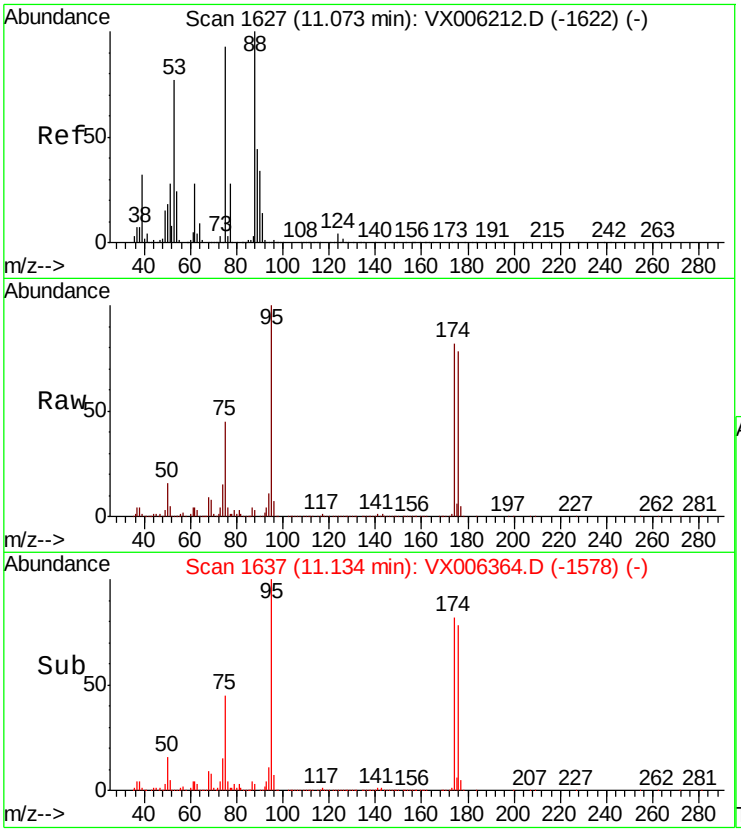


#80
1,3,5-Trimethylbenzene
Concen: 0.297 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX006364.D
Acq: 10 Dec 2018 12:39

Tgt Ion:105 Resp: 9273

Ion	Ratio	Lower	Upper
105	100		
120	54.9	25.4	76.0



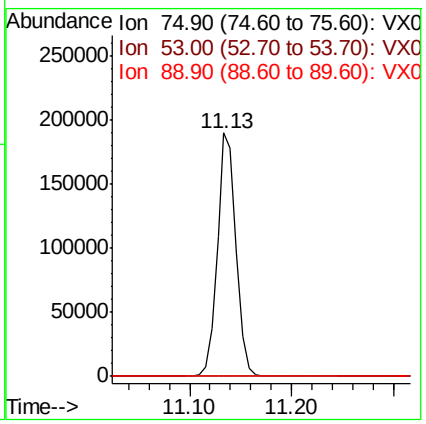


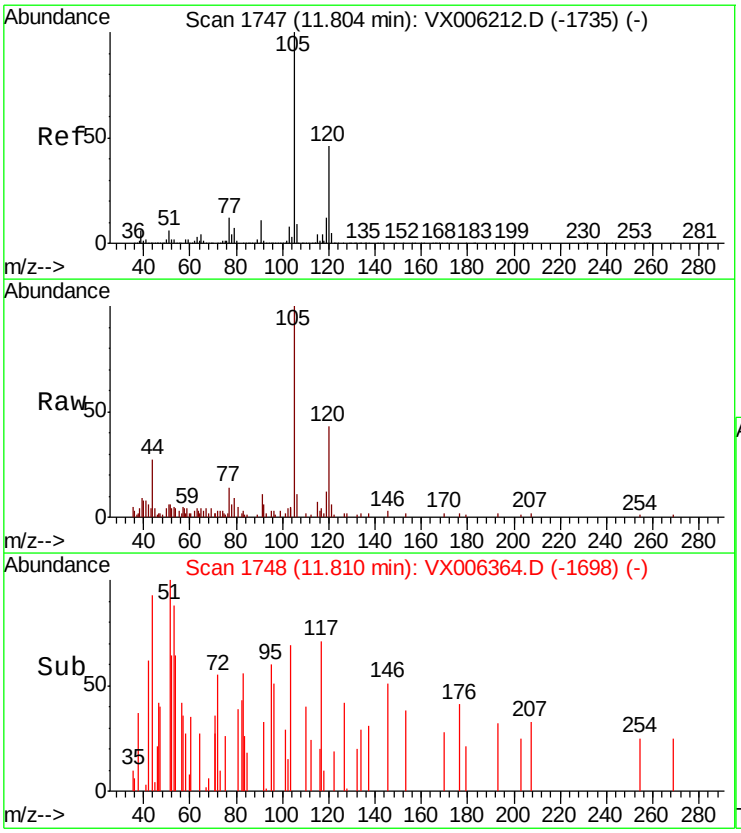
#81
trans-1,4-Dichloro-2-butene
Concen: 54.202 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX006364.D
Acq: 10 Dec 2018 12:39

Instrument :
MSVOA_X
ClientSampleId :
CB-1206-S-TCLP-GRID

Tgt Ion: 75 Resp: 242284

Ion	Ratio	Lower	Upper
75	100		
53	0.0	64.4	96.6#
89	0.0	44.2	66.4#

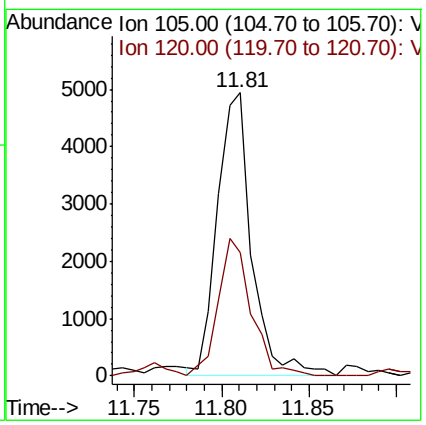


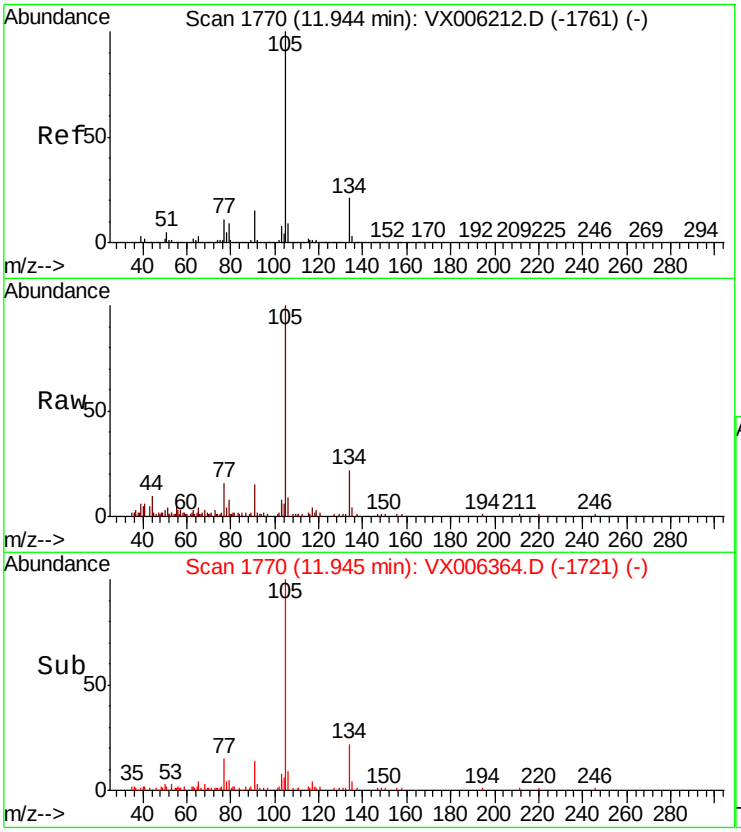


#84
1,2,4-Trimethylbenzene
Concen: 0.209 ug/l
RT: 11.81 min Scan# 1748
Delta R.T. 0.01 min
Lab File: VX006364.D
Acq: 10 Dec 2018 12:39

Tgt Ion:105 Resp: 6755

Ion	Ratio	Lower	Upper
105	100		
120	46.8	23.4	70.0



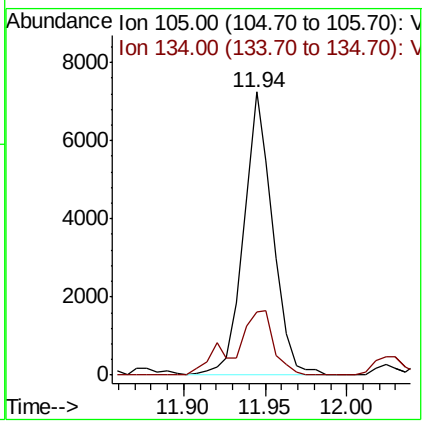


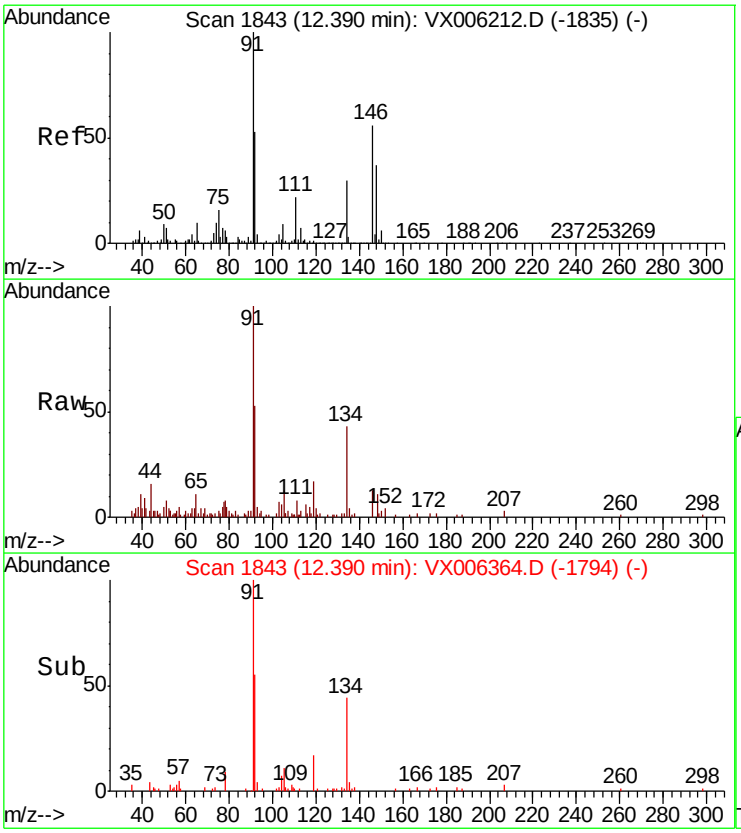
#85
sec-Butylbenzene
Concen: 0.236 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. 0.00 min
Lab File: VX006364.D
Acq: 10 Dec 2018 12:39

Instrument :
MSVOA_X
ClientSampleId :
CB-1206-S-TCLP-GRID

Tgt Ion:105 Resp: 8964

Ion	Ratio	Lower	Upper
105	100		
134	31.2	10.8	32.4

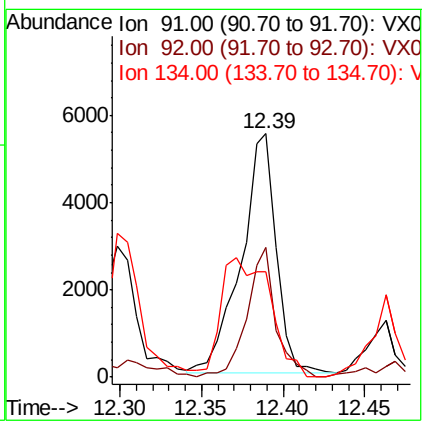


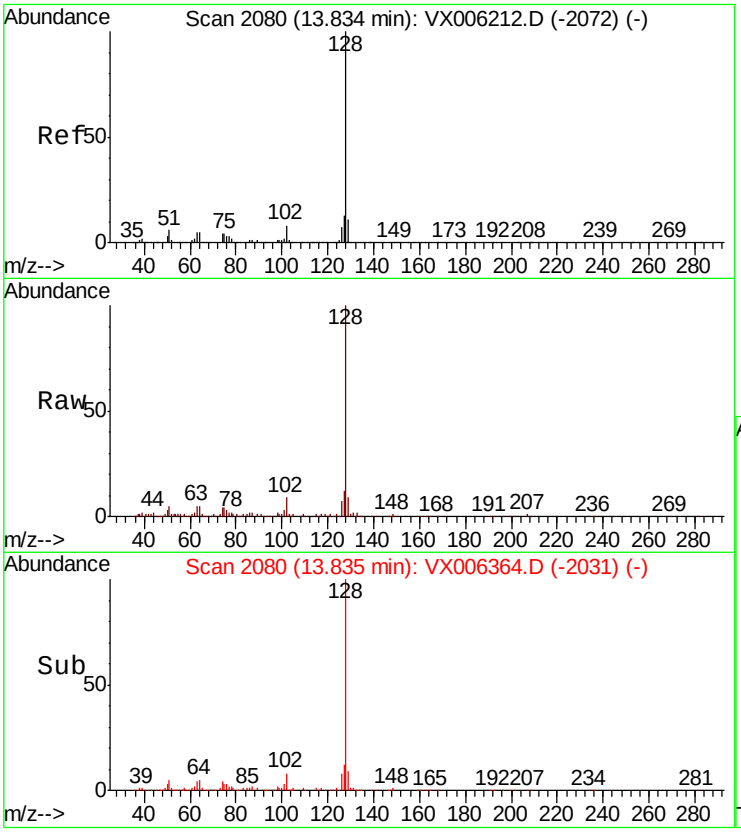


#89
n-Butylbenzene
Concen: 0.282 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX006364.D
Acq: 10 Dec 2018 12:39

Tgt Ion: 91 Resp: 8224

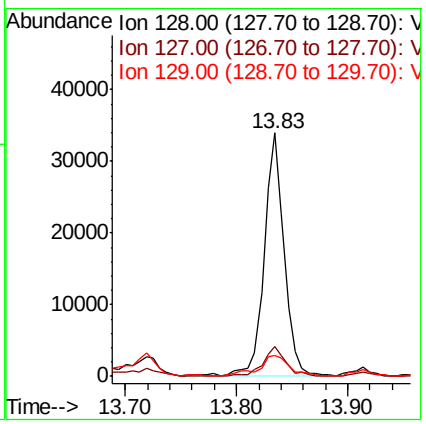
Ion	Ratio	Lower	Upper
91	100		
92	44.4	26.6	79.8
134	70.6	14.8	44.3#





#95
Naphthalene
Concen: 1.032 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX006364.D
Acq: 10 Dec 2018 12:39

Instrument :
MSVOA_X
ClientSampleId :
CB-1206-S-TCLP-GRID

Tgt Ion:128 Resp: 43075

Ion	Ratio	Lower	Upper
128	100		
127	13.9	10.2	15.4
129	13.4	8.9	13.3#