Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112618\
Data File : VX006185.D
Acq On : 26 Nov 2018 19:38
Operator : JC/MD
Sample : J5999-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SSSI-1114-S-TCLP-2

Quant Time: Nov 28 12:58:54 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112018W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 21 08:15:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	303908	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	459532	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	451856	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	203622	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	194620	55.27	ug/l	0.00
Spiked Amount 50.000			Recovery = 110.54%			
35) Dibromofluoromethane	5.50	113	157626	53.44	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.88%			
50) Toluene-d8	8.71	98	588201	52.28	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.56%			
62) 4-Bromofluorobenzene	11.14	95	193388	45.81	ug/l	0.00
Spiked Amount 50.000			Recovery = 91.62%			
Target Compounds						Qvalue
5) Bromomethane	1.64	94	155	3.779	ug/l #	31
6) Chloroethane	1.70	64	1137	Below Cal	#	68
8) Diethyl Ether	2.19	74	427	0.266	ug/l	70
11) Tert butyl alcohol	3.07	59	409	0.546	ug/l #	71
16) Acetone	2.45	43	13675	8.751	ug/l	93
17) Carbon Disulfide	2.57	76	1511	0.255	ug/l #	93
18) Methyl Acetate	2.78	43	5481	1.368	ug/l #	84
20) Methylene Chloride	2.85	84	11884	4.709	ug/l	94
25) 2-Butanone	4.71	43	1902	0.656	ug/l	98
29) Tetrahydrofuran	5.17	42	932	0.515	ug/l #	59
36) 1,1-Dichloropropene	5.66	75	22051	5.275	ug/l #	51
38) Carbon Tetrachloride	5.67	117	27621	7.029	ug/l #	17
43) Isopropyl Acetate	6.46	43	19597	2.523	ug/l	96
48) Methyl methacrylate	7.68	41	9593	2.435	ug/l #	17
49) 1,4-Dioxane	7.73	88	81	0.867	ug/l #	1
51) 4-Methyl-2-Pentanone	8.62	43	94628	16.993	ug/l #	50
54) cis-1,3-Dichloropropene	8.62	75	41016	8.612	ug/l #	64
56) Ethyl methacrylate	9.18	69	108	2.885	ug/l #	23
57) 1,3-Dichloropropane	9.54	76	10753	1.977	ug/l #	45
58) 2-Chloroethyl Vinyl ether	8.29	63	97	6.754	ug/l #	48
59) 2-Hexanone	9.54	43	162593	36.792	ug/l #	53
74) N-amyl acetate	10.69	43	13576	4.259	ug/l #	58
76) 1,2,3-Trichloropropane	11.14	75	96977	23.133	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.51	105	7300	0.703	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.14	75	96977	78.241	ug/l #	8
92) 1,2-Dibromo-3-Chloropropan	12.98	75	245	0.227	ug/l #	1

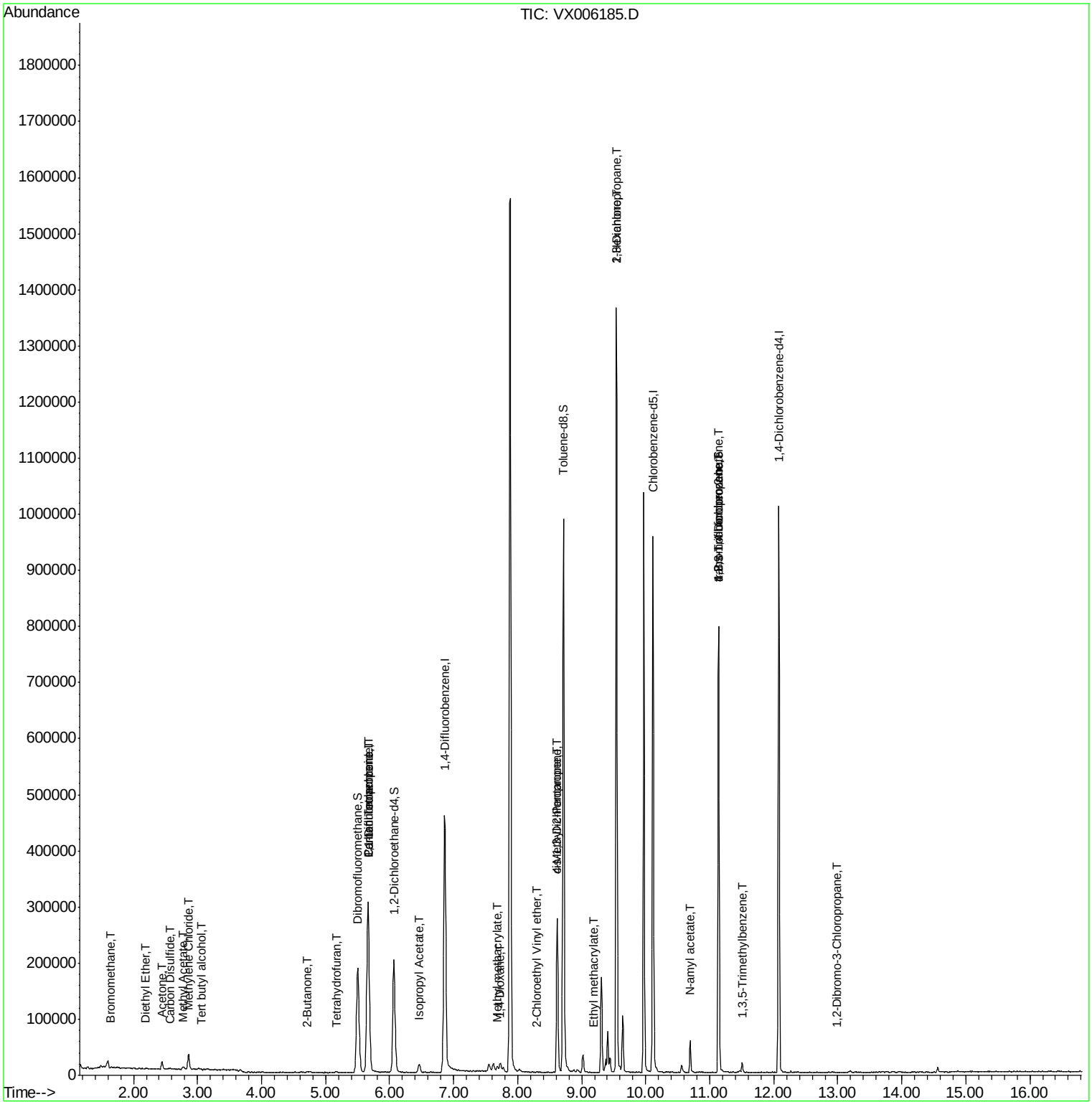
(#) = qualifier out of range (m) = manual integration (+) = signals summed

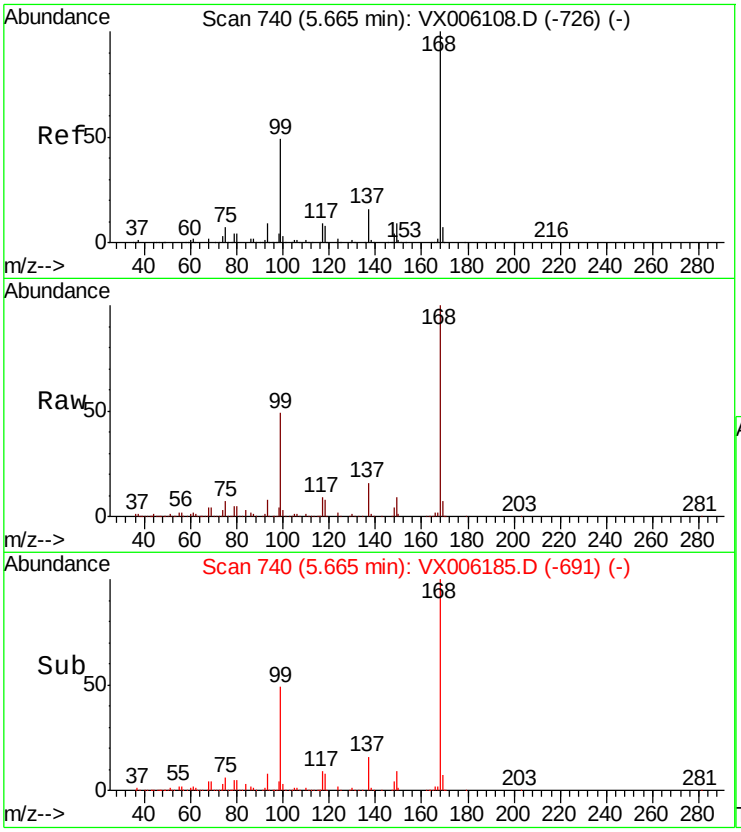
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112618\
Data File : VX006185.D
Acq On : 26 Nov 2018 19:38
Operator : JC/MD
Sample : J5999-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SSSI-1114-S-TCLP-2

Quant Time: Nov 28 12:58:54 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112018W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 21 08:15:54 2018
Response via : Initial Calibration



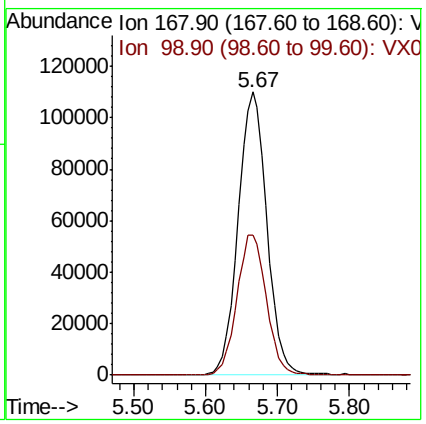


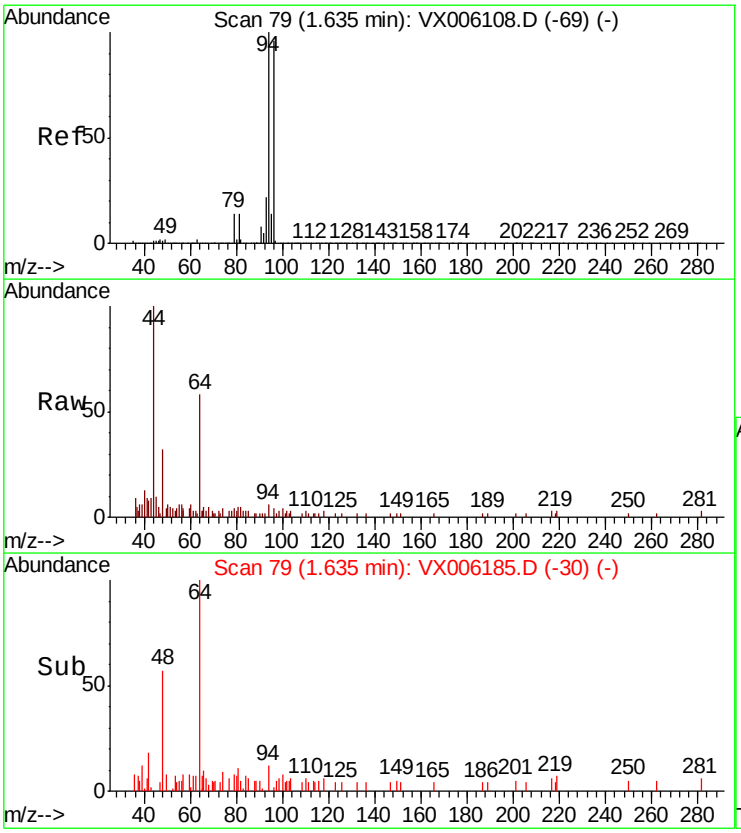
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.00 min
Lab File: VX006185.D
Acq: 26 Nov 2018 19:38

Instrument :
MSVOA_X
ClientSampleId :
SSSI-1114-S-TCLP-2

Tgt Ion:168 Resp: 303908

Ion	Ratio	Lower	Upper
168	100		
99	49.3	39.2	58.8

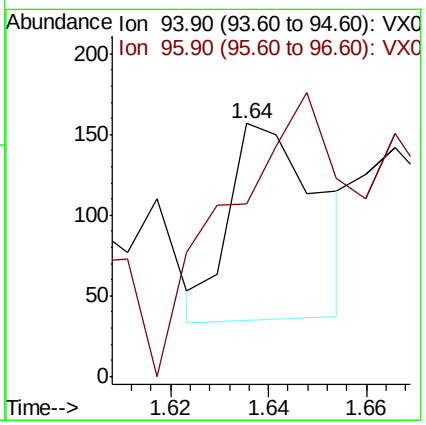


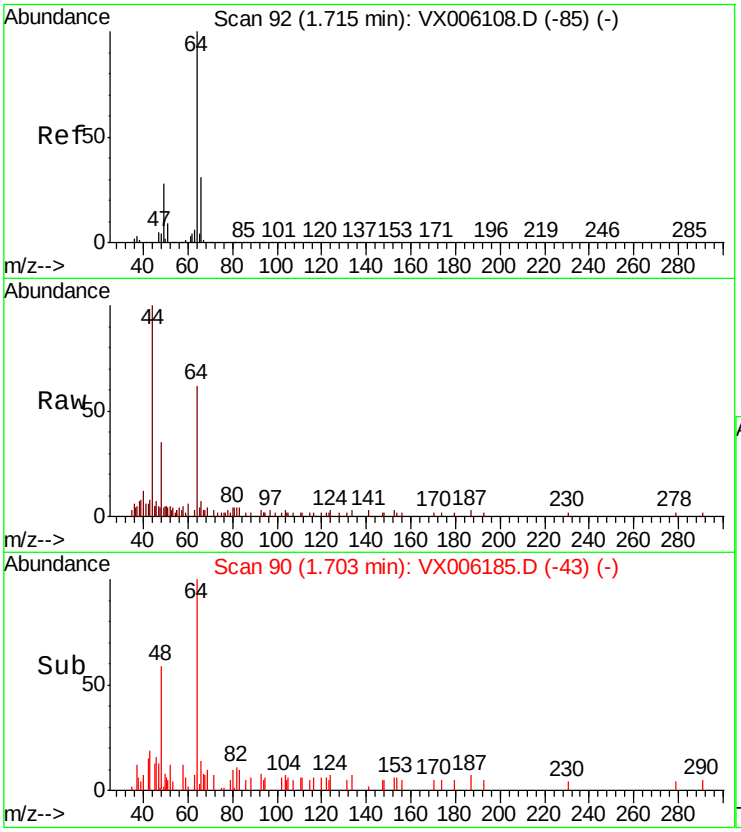


#5
Bromomethane
Concen: 3.779 ug/l
RT: 1.64 min Scan# 79
Delta R.T. 0.00 min
Lab File: VX006185.D
Acq: 26 Nov 2018 19:38

Tgt Ion: 94 Resp: 155

Ion	Ratio	Lower	Upper
94	100		
96	28.8	76.7	115.1#



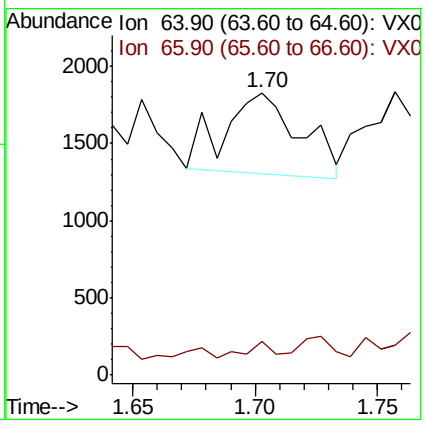


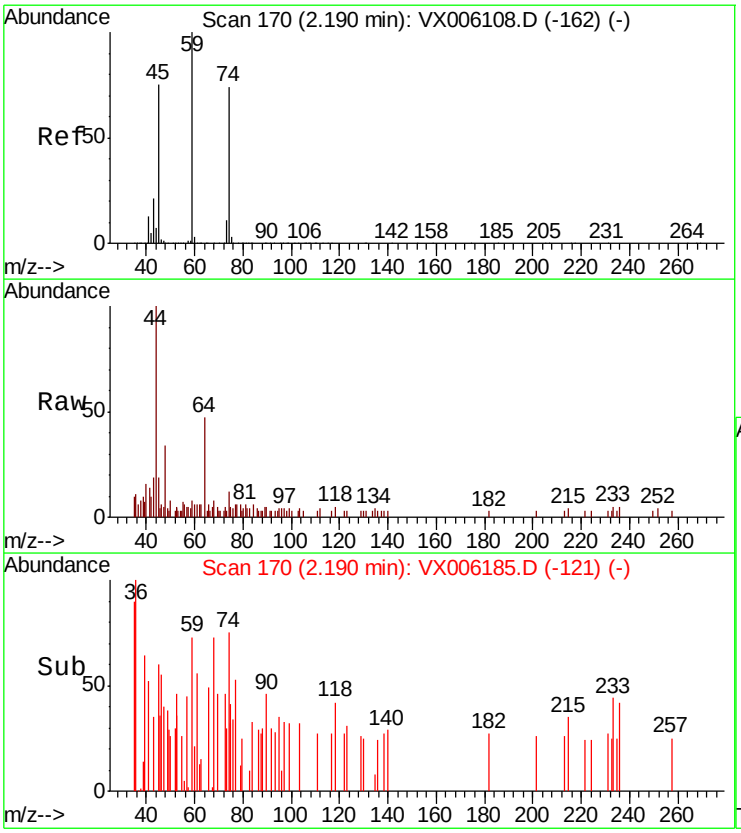
#6
Chloroethane
Concen: Below Cal
RT: 1.70 min Scan# 90
Delta R.T. -0.01 min
Lab File: VX006185.D
Acq: 26 Nov 2018 19:38

Instrument :
MSVOA_X
ClientSampleId :
SSSI-1114-S-TCLP-2

Tgt Ion: 64 Resp: 1137

Ion	Ratio	Lower	Upper
64	100		
66	13.7	25.1	37.7#

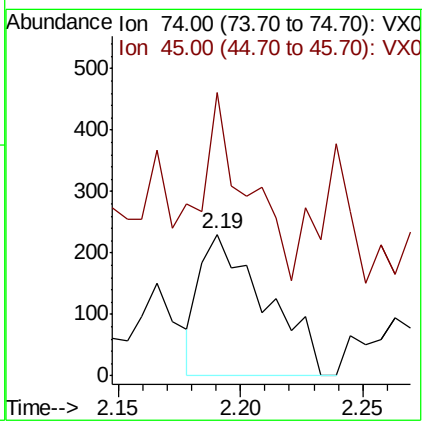


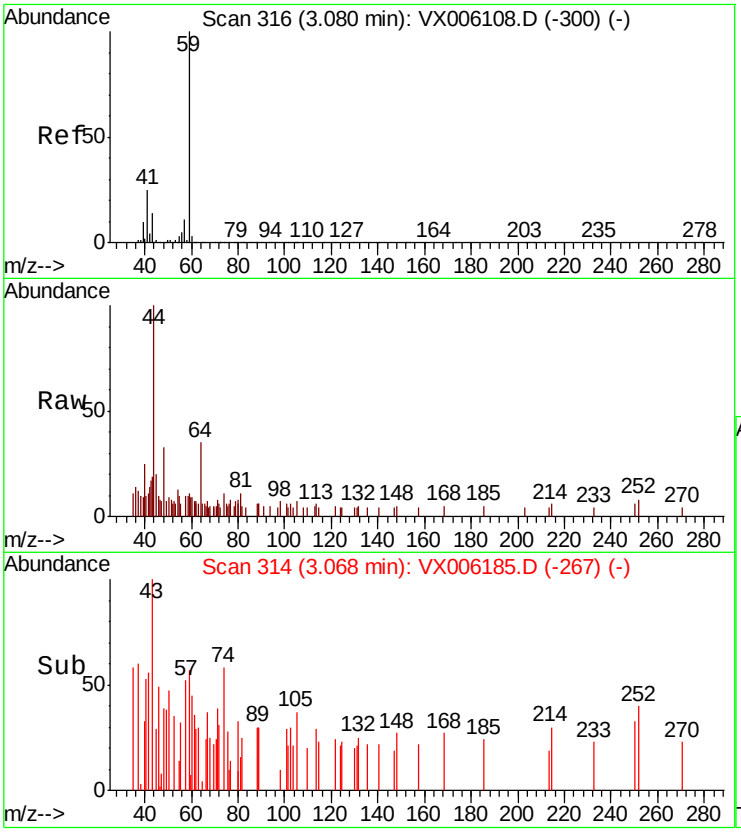


#8
Diethyl Ether
Concen: 0.266 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX006185.D
Acq: 26 Nov 2018 19:38

Tgt Ion: 74 Resp: 427

Ion	Ratio	Lower	Upper
74	100		
45	73.3	52.2	156.6



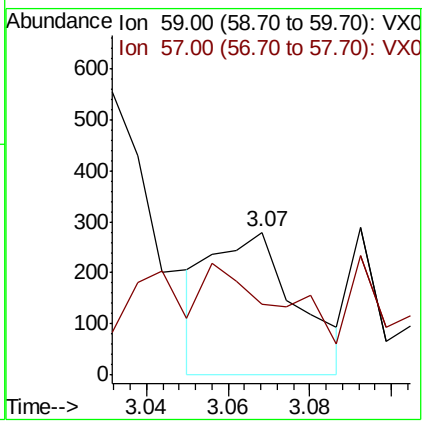


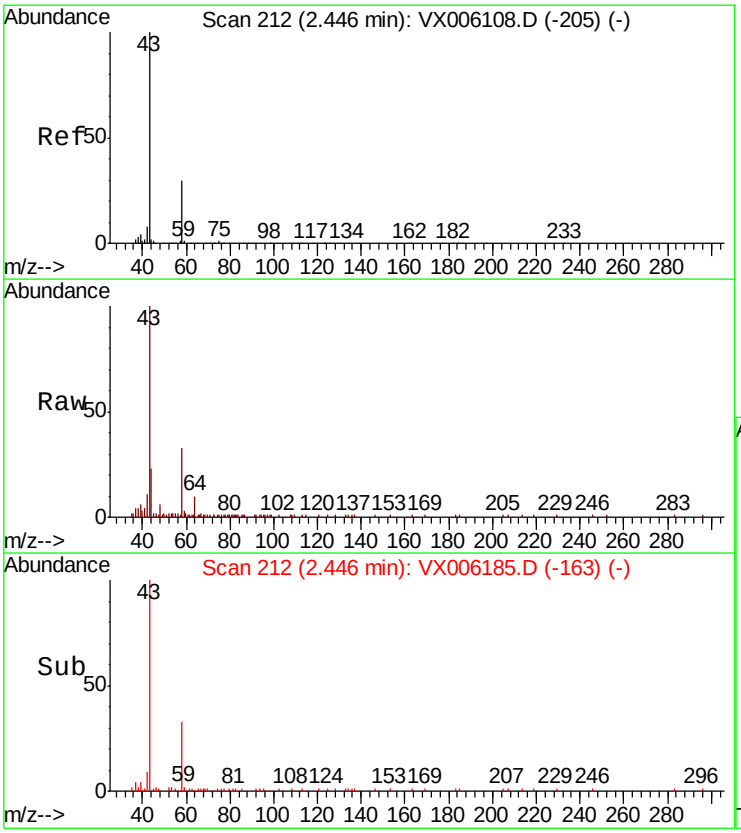
#11
Tert butyl alcohol
Concen: 0.546 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX006185.D
Acq: 26 Nov 2018 19:38

Instrument :
MSVOA_X
ClientSampleId :
SSSI-1114-S-TCLP-2

Tgt Ion: 59 Resp: 409

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.7	13.1#

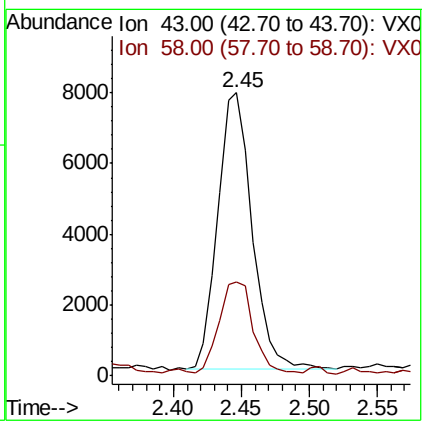


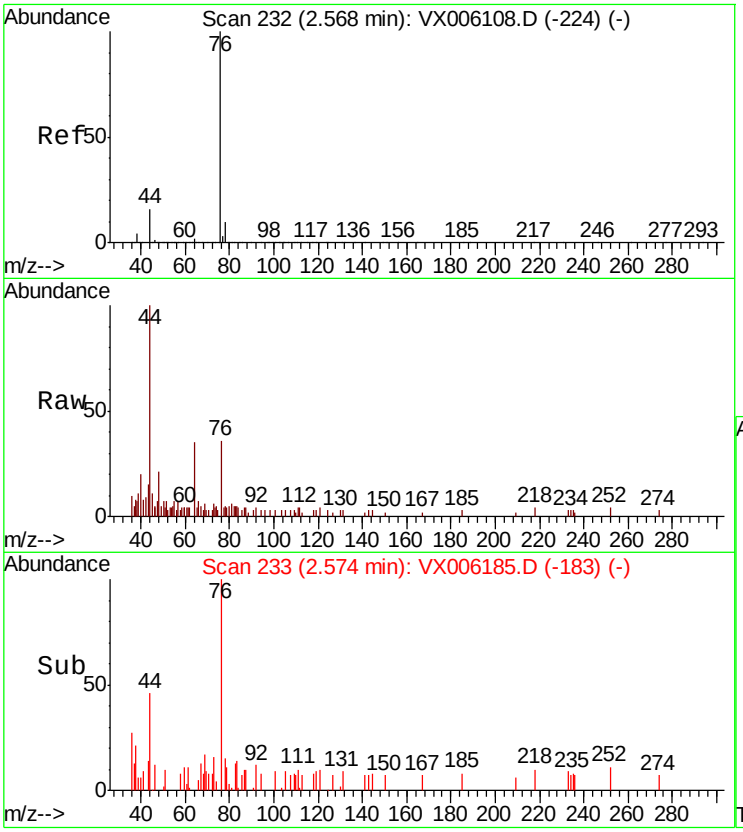


#16
Acetone
Concen: 8.751 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX006185.D
Acq: 26 Nov 2018 19:38

Tgt Ion: 43 Resp: 13675

Ion	Ratio	Lower	Upper
43	100		
58	33.4	23.8	35.8



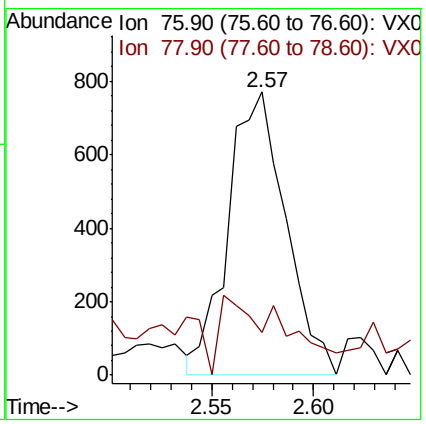


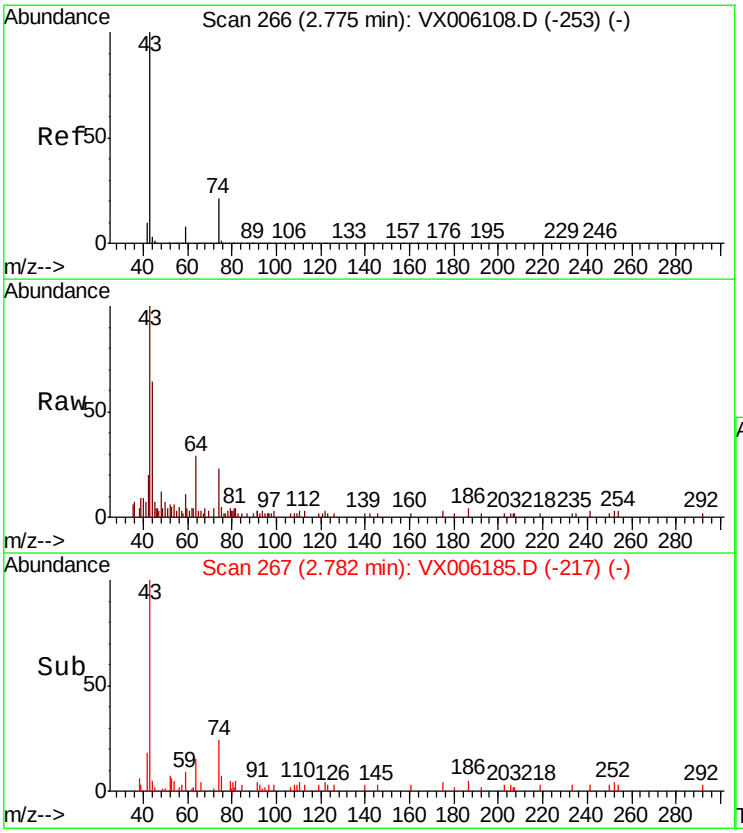
#17
Carbon Disulfide
Concen: 0.255 ug/l
RT: 2.57 min Scan# 233
Delta R.T. 0.01 min
Lab File: VX006185.D
Acq: 26 Nov 2018 19:38

Instrument :
MSVOA_X
ClientSampleId :
SSSI-1114-S-TCLP-2

Tgt Ion: 76 Resp: 1511

Ion	Ratio	Lower	Upper
76	100		
78	7.0	7.7	11.5#

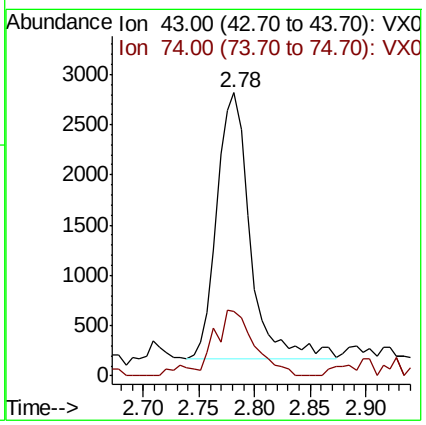


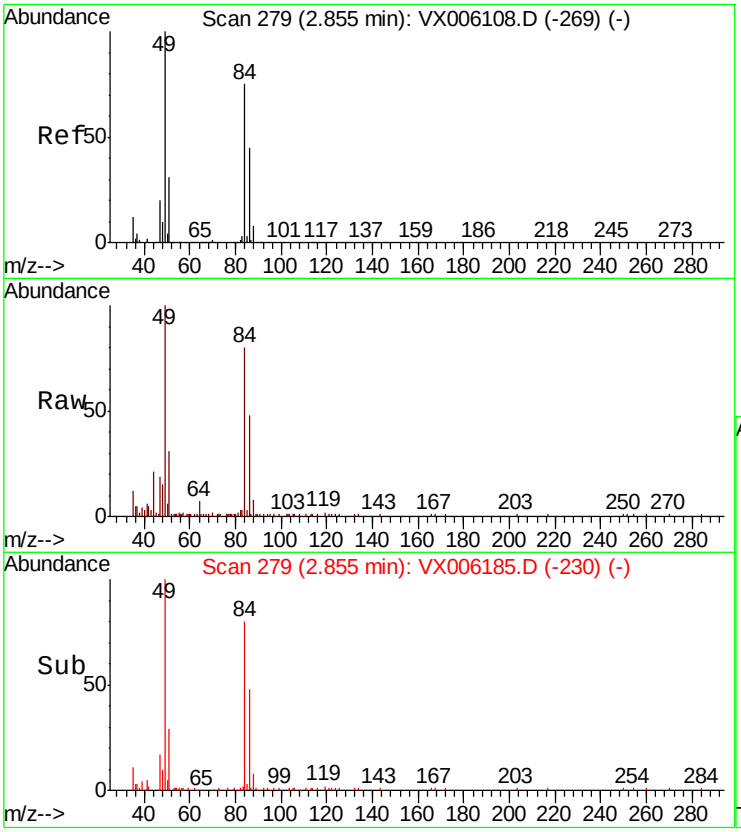


#18
Methyl Acetate
Concen: 1.368 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX006185.D
Acq: 26 Nov 2018 19:38

Tgt Ion: 43 Resp: 5481

Ion	Ratio	Lower	Upper
43	100		
74	29.2	17.3	25.9#



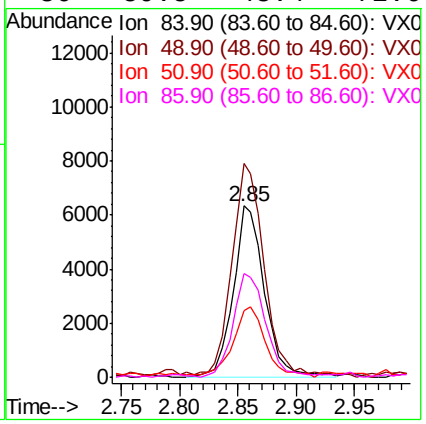


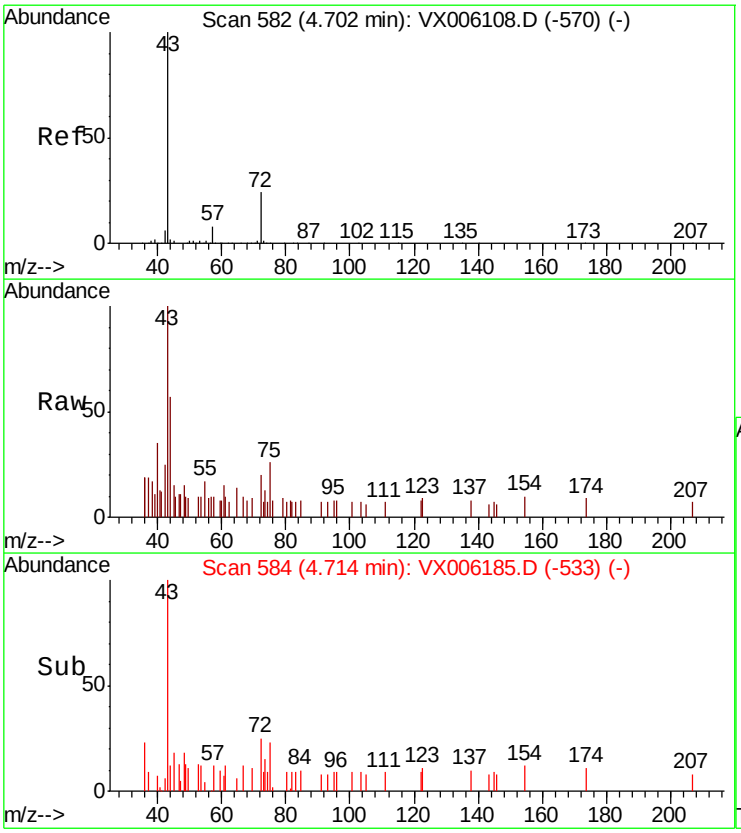
#20
Methylene Chloride
Concen: 4.709 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX006185.D
Acq: 26 Nov 2018 19:38

Instrument : MSVOA_X
ClientSampleId : SSSI-1114-S-TCLP-2

Tgt Ion: 84 Resp: 11884

Ion	Ratio	Lower	Upper
84	100		
49	123.1	106.6	159.8
51	36.8	32.6	49.0
86	59.5	48.4	72.6

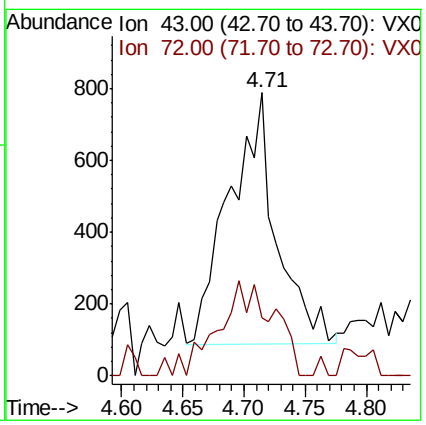


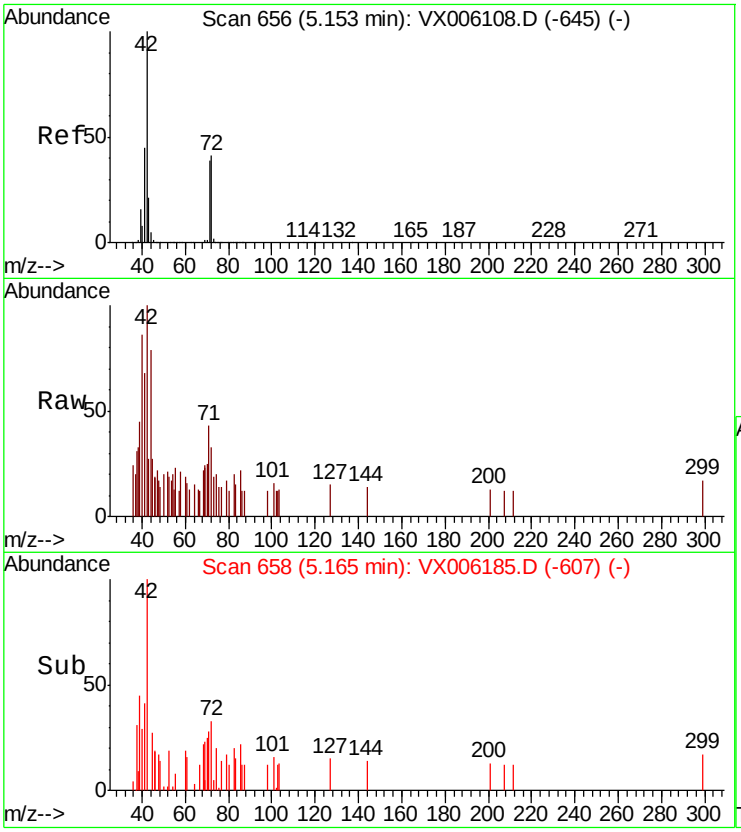


#25
2-Butanone
Concen: 0.656 ug/l
RT: 4.71 min Scan# 584
Delta R.T. 0.01 min
Lab File: VX006185.D
Acq: 26 Nov 2018 19:38

Tgt Ion: 43 Resp: 1902

Ion	Ratio	Lower	Upper
43	100		
72	23.0	19.2	28.8



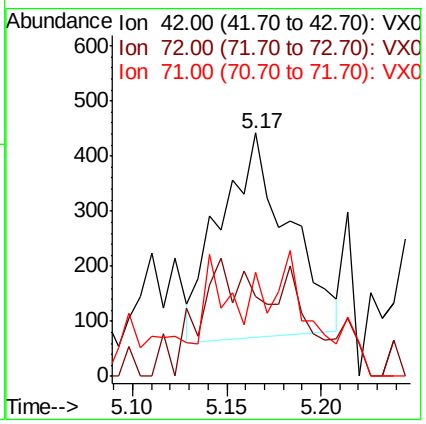


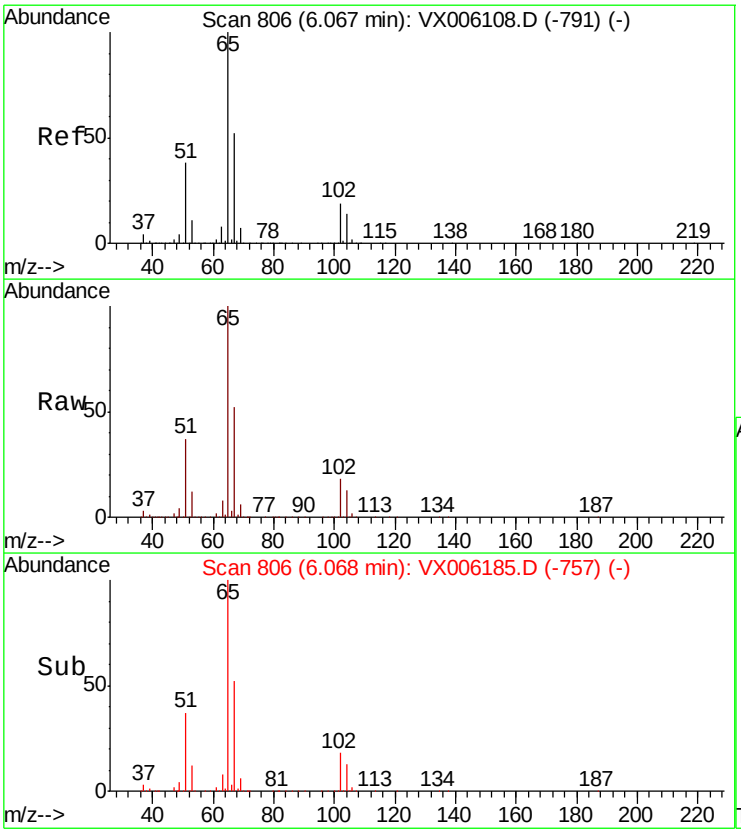
#29
Tetrahydrofuran
Concen: 0.515 ug/l
RT: 5.17 min Scan# 658
Delta R.T. 0.01 min
Lab File: VX006185.D
Acq: 26 Nov 2018 19:38

Instrument :
MSVOA_X
ClientSampleId :
SSSI-1114-S-TCLP-2

Tgt Ion: 42 Resp: 932

Ion	Ratio	Lower	Upper
42	100		
72	0.0	33.0	49.6#
71	46.9	31.0	46.4#

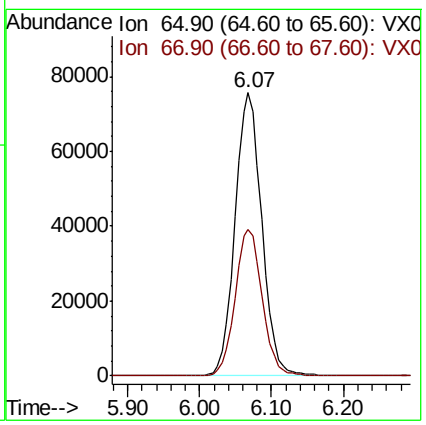


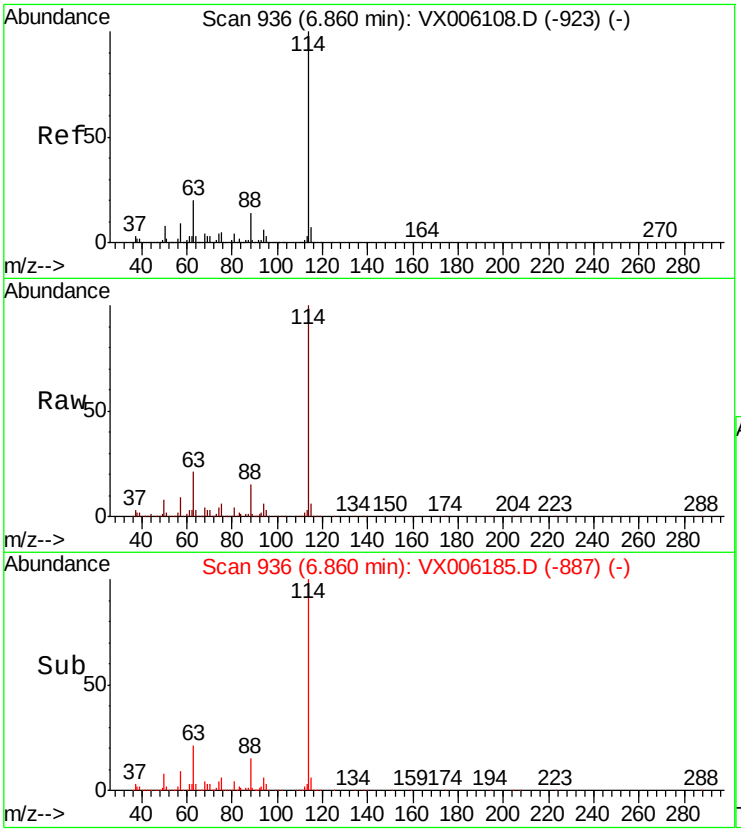


#33
1,2-Dichloroethane-d4
Concen: 55.266 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX006185.D
Acq: 26 Nov 2018 19:38

Tgt Ion: 65 Resp: 194620

Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	105.8



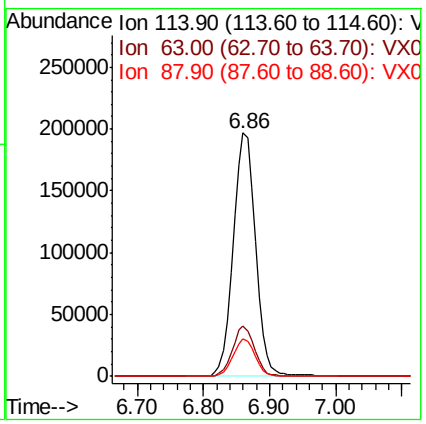


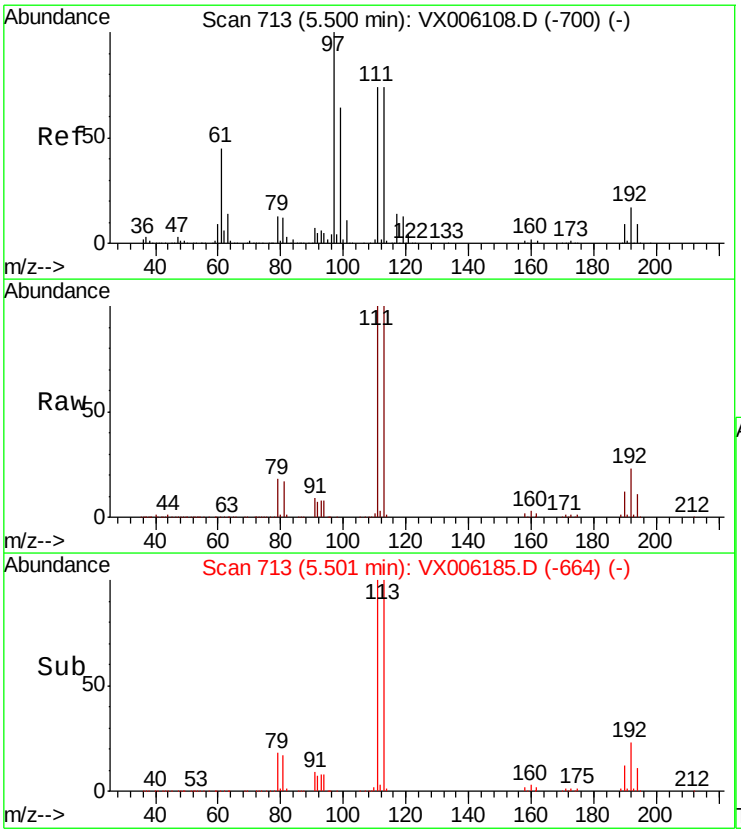
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX006185.D
Acq: 26 Nov 2018 19:38

Instrument :
MSVOA_X
ClientSampleId :
SSSI-1114-S-TCLP-2

Tgt Ion:114 Resp: 459532

Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	39.2
88	15.2	0.0	28.6

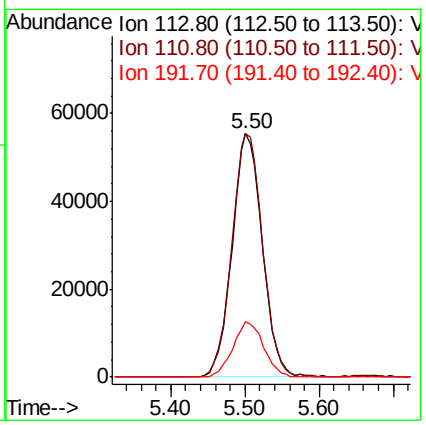


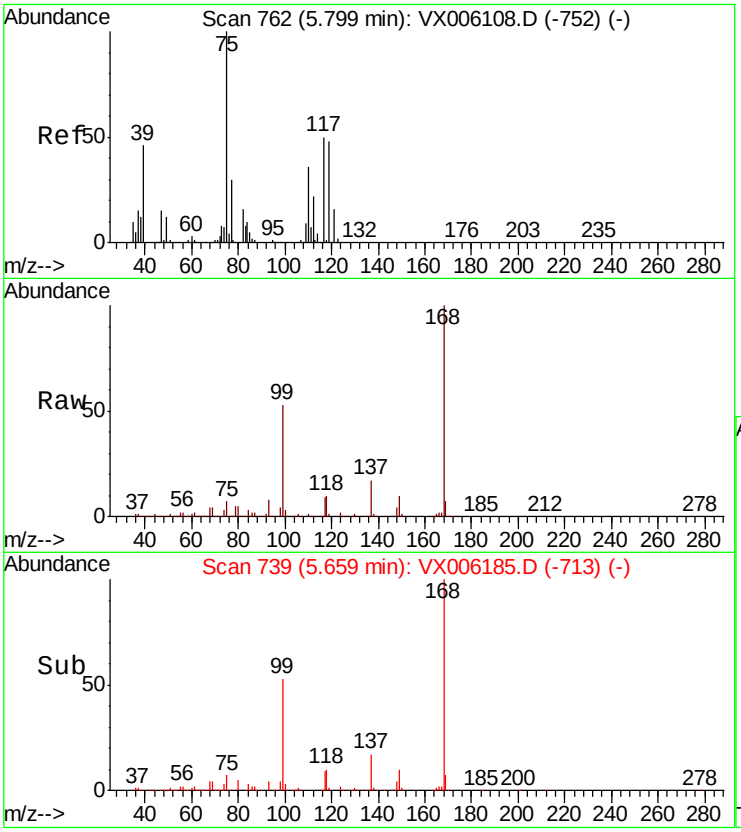


#35
Dibromofluoromethane
Concen: 53.436 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX006185.D
Acq: 26 Nov 2018 19:38

Tgt Ion:113 Resp: 157626

Ion	Ratio	Lower	Upper
113	100		
111	101.6	81.5	122.3
192	23.0	18.6	28.0



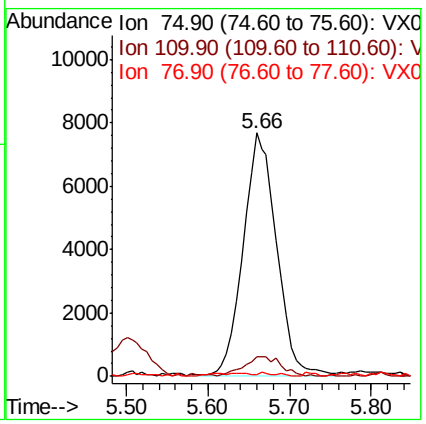


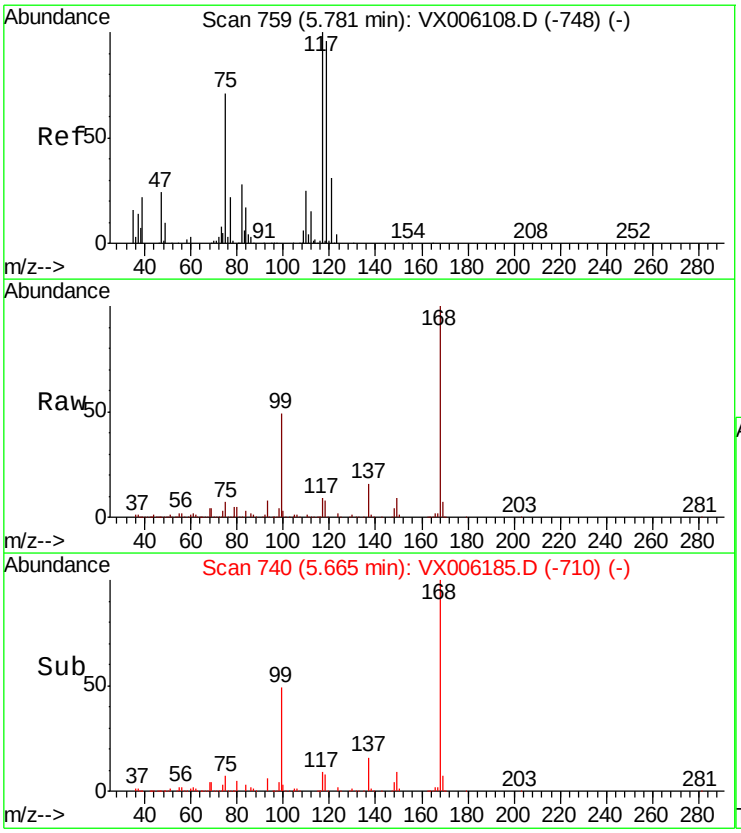
#36
1,1-Dichloropropene
Concen: 5.275 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX006185.D
Acq: 26 Nov 2018 19:38

Instrument :
MSVOA_X
ClientSampleId :
SSSI-1114-S-TCLP-2

Tgt Ion: 75 Resp: 22051

Ion	Ratio	Lower	Upper
75	100		
110	9.1	17.8	53.3#
77	0.8	24.5	36.7#

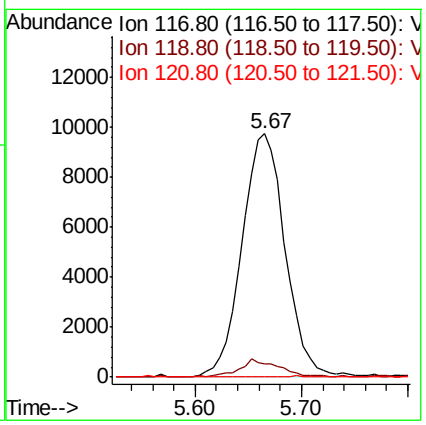


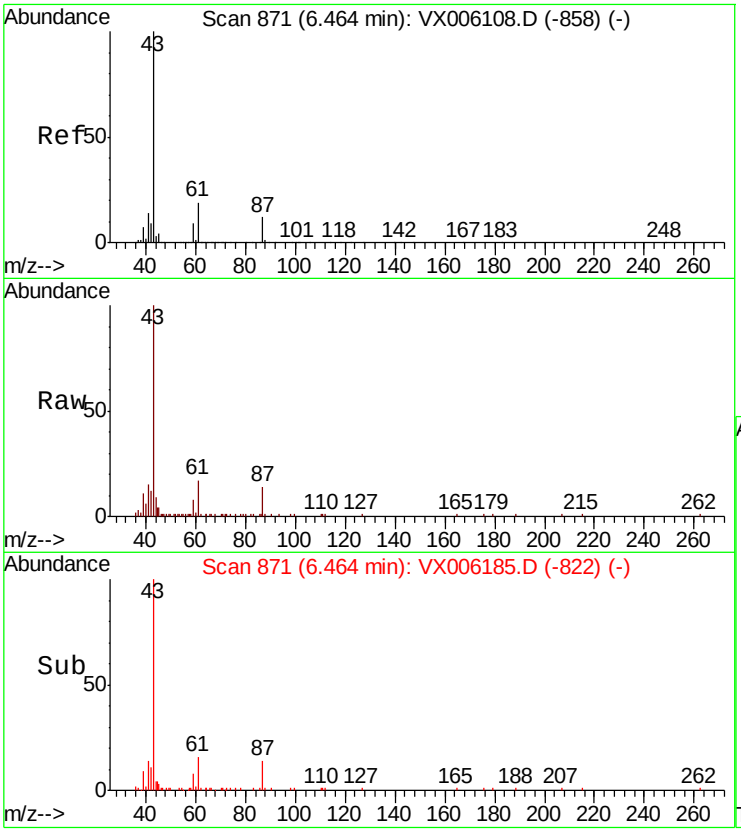


#38
Carbon Tetrachloride
Concen: 7.029 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX006185.D
Acq: 26 Nov 2018 19:38

Tgt Ion:117 Resp: 27621

Ion	Ratio	Lower	Upper
117	100		
119	5.6	76.3	114.5#
121	0.0	24.7	37.1#



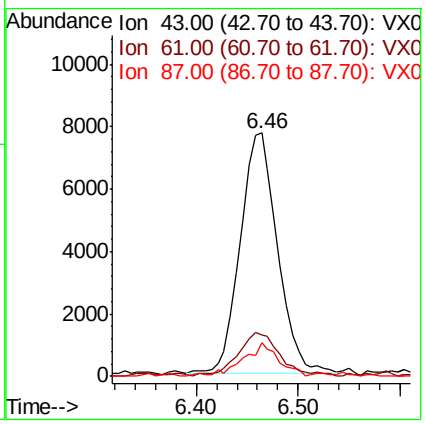


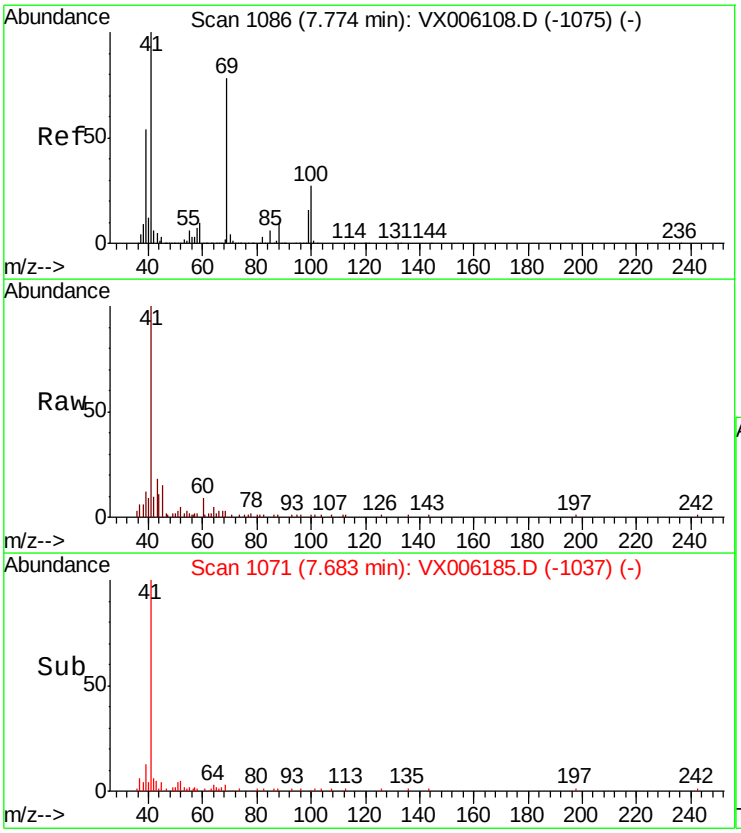
#43
Isopropyl Acetate
Concen: 2.523 ug/l
RT: 6.46 min Scan# 871
Delta R.T. 0.00 min
Lab File: VX006185.D
Acq: 26 Nov 2018 19:38

Instrument :
MSVOA_X
ClientSampleId :
SSSI-1114-S-TCLP-2

Tgt Ion: 43 Resp: 19597

Ion	Ratio	Lower	Upper
43	100		
61	20.9	15.2	22.8
87	13.5	9.6	14.4

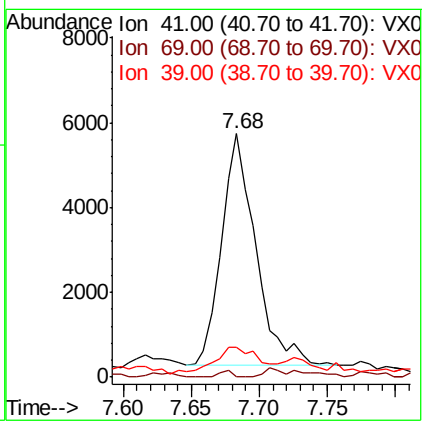


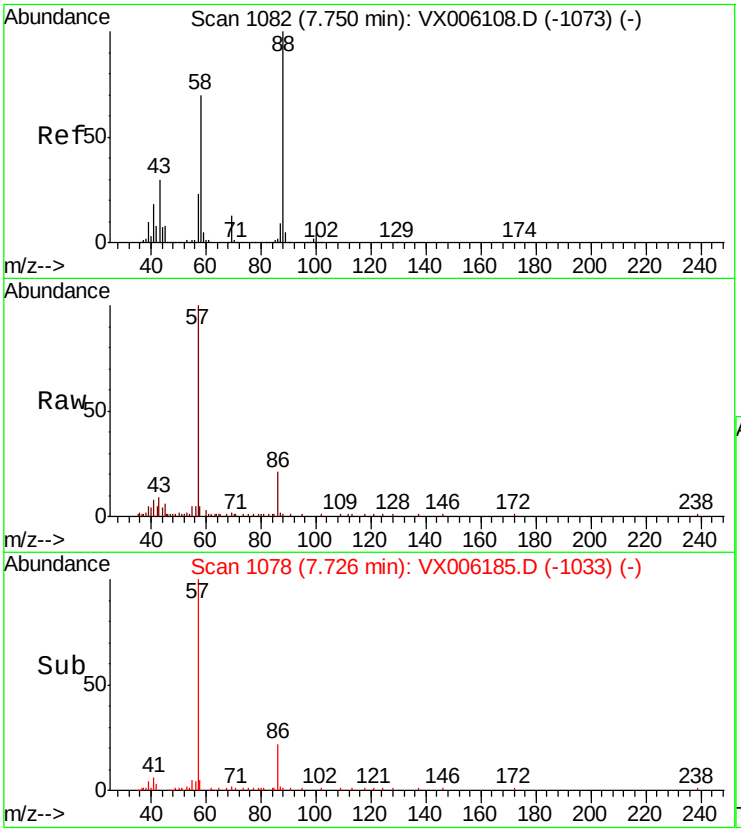


#48
Methyl methacrylate
Concen: 2.435 ug/l
RT: 7.68 min Scan# 1071
Delta R.T. -0.09 min
Lab File: VX006185.D
Acq: 26 Nov 2018 19:38

Tgt Ion: 41 Resp: 9593

Ion	Ratio	Lower	Upper
41	100		
69	1.0	62.8	94.2#
39	0.0	43.8	65.6#



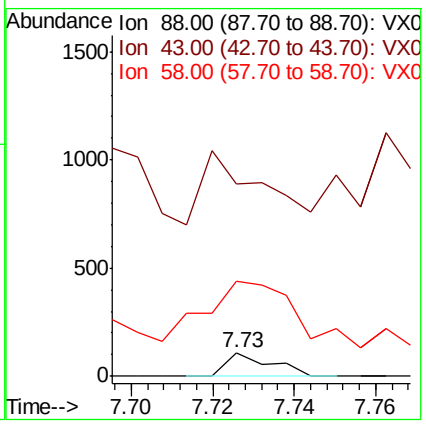


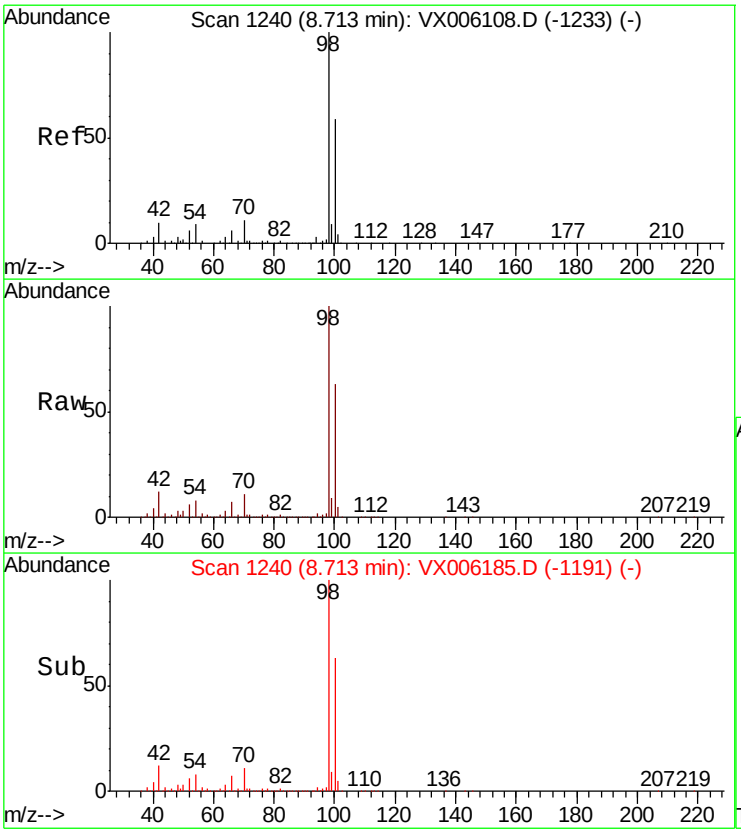
#49
1,4-Dioxane
Concen: 0.867 ug/l
RT: 7.73 min Scan# 1078
Delta R.T. -0.02 min
Lab File: VX006185.D
Acq: 26 Nov 2018 19:38

Instrument :
MSVOA_X
ClientSampleId :
SSSI-1114-S-TCLP-2

Tgt Ion: 88 Resp: 81

Ion	Ratio	Lower	Upper
88	100		
43	0.0	26.7	40.1#
58	1391.4	58.5	87.7#

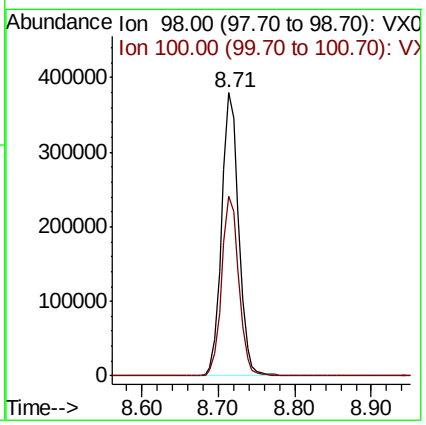


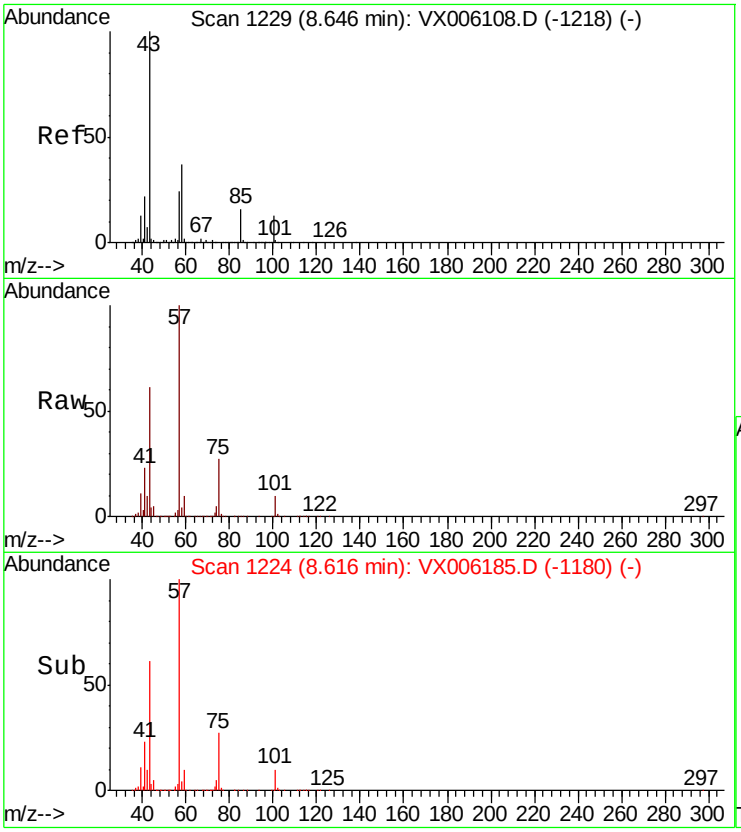


#50
Toluene-d8
Concen: 52.279 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006185.D
Acq: 26 Nov 2018 19:38

Tgt Ion: 98 Resp: 588201

Ion	Ratio	Lower	Upper
98	100		
100	63.2	51.0	76.4



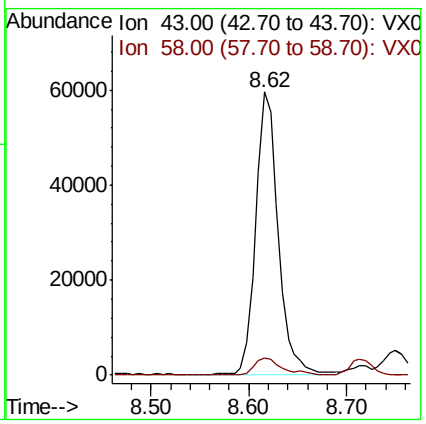


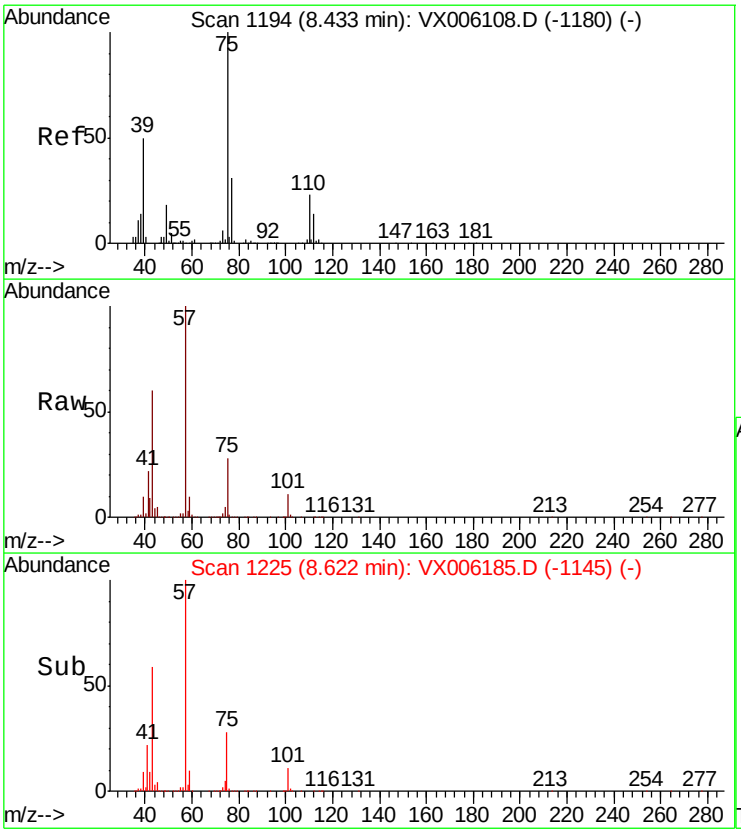
#51
4-Methyl-2-Pentanone
Concen: 16.993 ug/l
RT: 8.62 min Scan# 1224
Delta R.T. -0.03 min
Lab File: VX006185.D
Acq: 26 Nov 2018 19:38

Instrument :
MSVOA_X
ClientSampleId :
SSSI-1114-S-TCLP-2

Tgt Ion: 43 Resp: 94628

Ion	Ratio	Lower	Upper
43	100		
58	7.4	29.9	44.9#

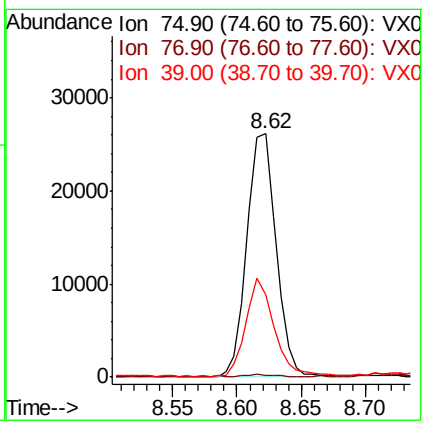


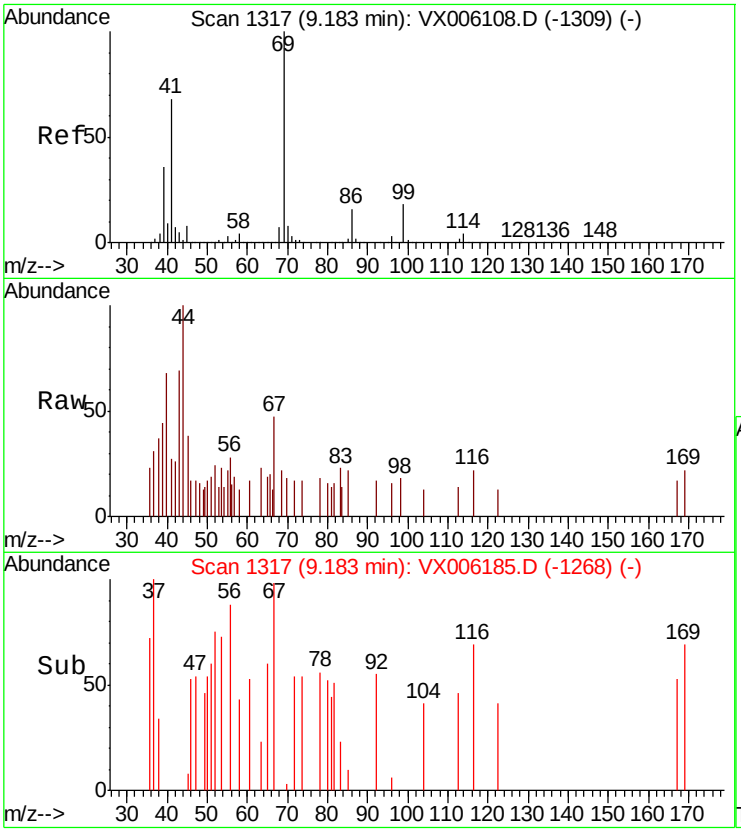


#54
cis-1,3-Dichloropropene
Concen: 8.612 ug/l
RT: 8.62 min Scan# 1225
Delta R.T. 0.19 min
Lab File: VX006185.D
Acq: 26 Nov 2018 19:38

Tgt Ion: 75 Resp: 41016

Ion	Ratio	Lower	Upper
75	100		
77	0.7	24.7	37.1#
39	33.5	40.3	60.5#



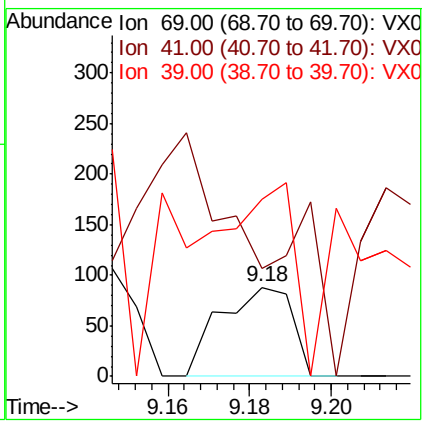


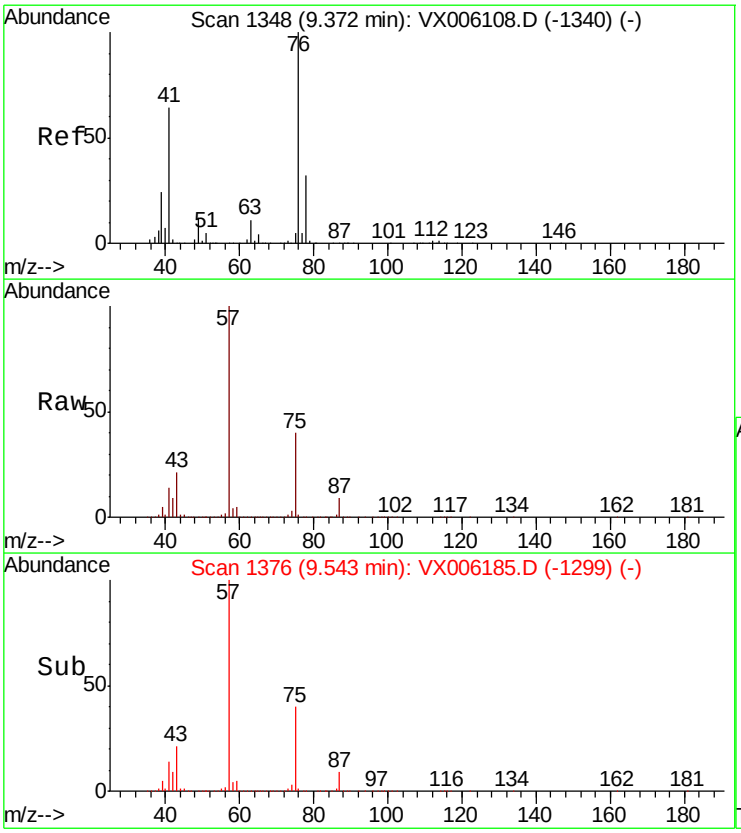
#56
Ethyl methacrylate
Concen: 2.885 ug/l
RT: 9.18 min Scan# 1317
Delta R.T. 0.00 min
Lab File: VX006185.D
Acq: 26 Nov 2018 19:38

Instrument : MSVOA_X
ClientSampleId : SSSI-1114-S-TCLP-2

Tgt Ion: 69 Resp: 108

Ion	Ratio	Lower	Upper
69	100		
41	0.0	56.2	84.4#
39	0.0	29.4	44.0#

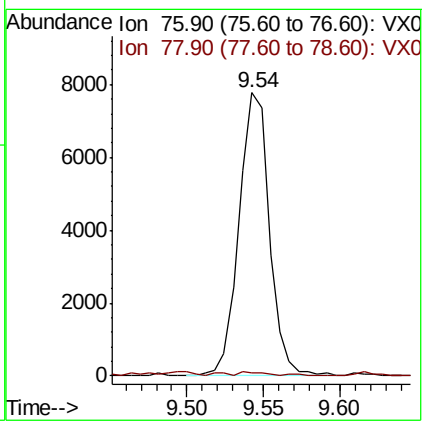


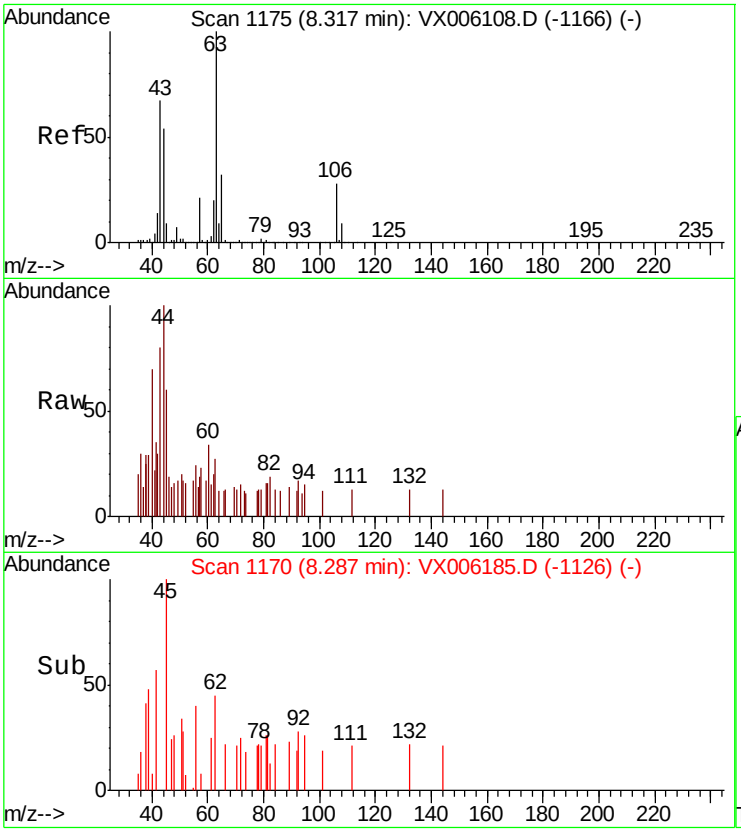


#57
1,3-Dichloropropane
Concen: 1.977 ug/l
RT: 9.54 min Scan# 1376
Delta R.T. 0.17 min
Lab File: VX006185.D
Acq: 26 Nov 2018 19:38

Tgt Ion: 76 Resp: 10753

Ion	Ratio	Lower	Upper
76	100		
78	1.2	25.7	38.5#



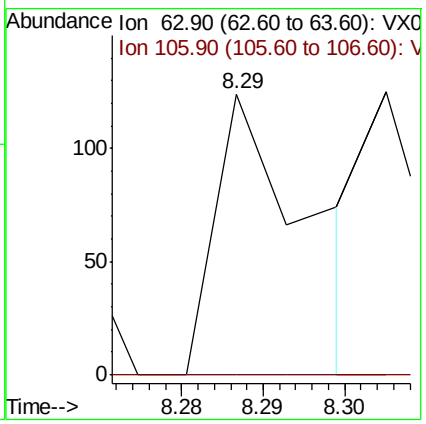


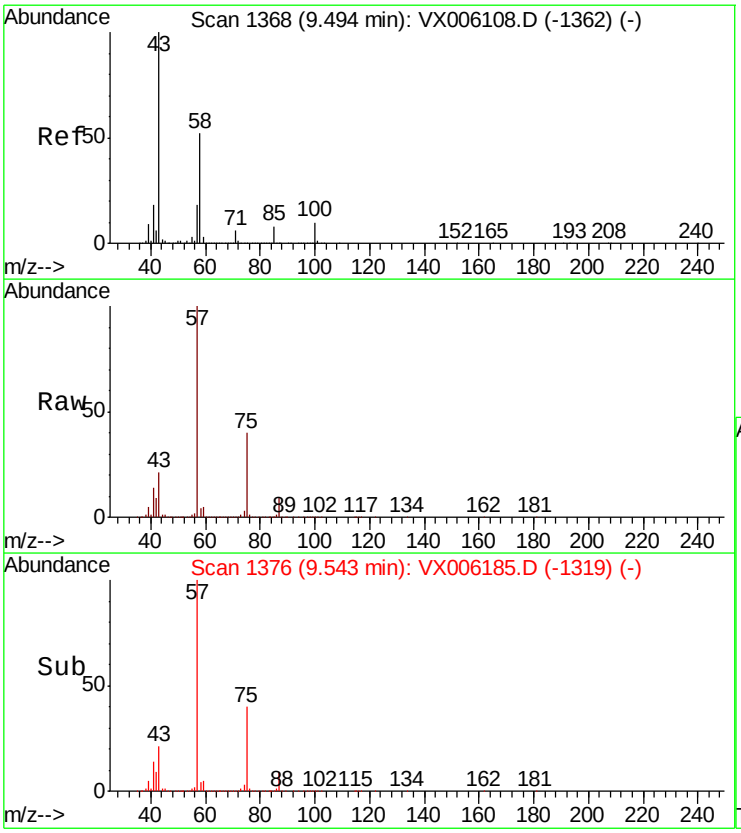
#58
2-Chloroethyl Vinyl ether
Concen: 6.754 ug/l
RT: 8.29 min Scan# 1170
Delta R.T. -0.03 min
Lab File: VX006185.D
Acq: 26 Nov 2018 19:38

Instrument :
MSVOA_X
ClientSampleId :
SSSI-1114-S-TCLP-2

Tgt Ion: 63 Resp: 97

Ion	Ratio	Lower	Upper
63	100		
106	0.0	21.7	32.5#

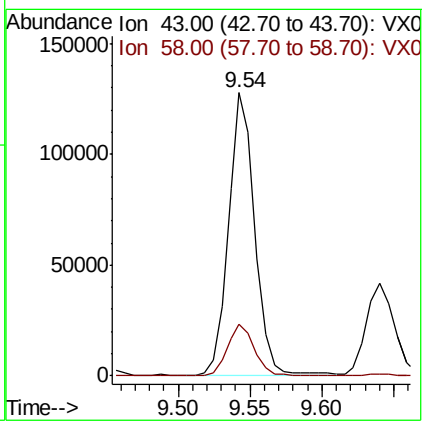


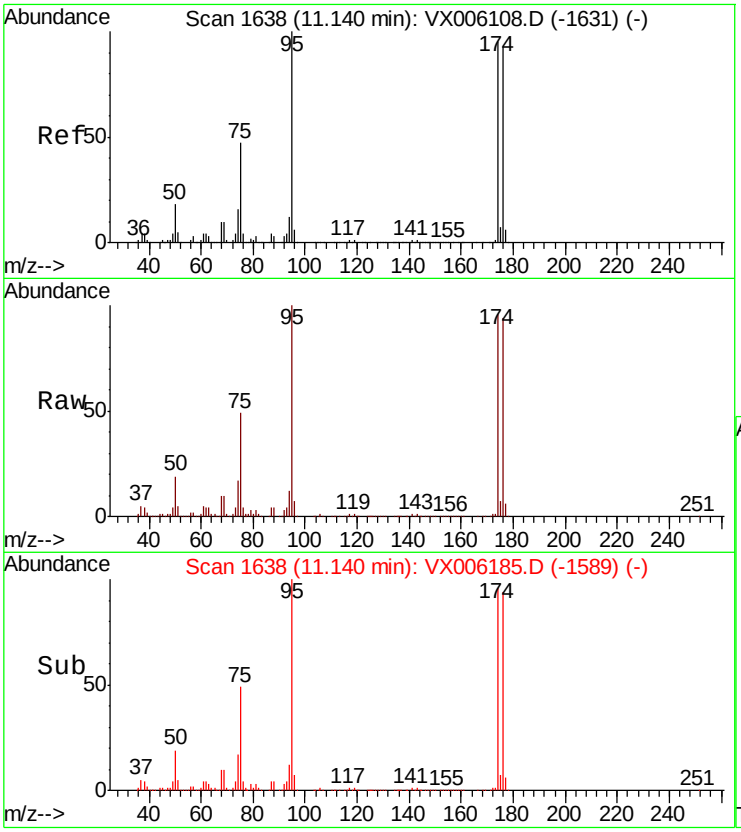


#59
2-Hexanone
Concen: 36.792 ug/l
RT: 9.54 min Scan# 1376
Delta R.T. 0.05 min
Lab File: VX006185.D
Acq: 26 Nov 2018 19:38

Tgt Ion: 43 Resp: 162593

Ion	Ratio	Lower	Upper
43	100		
58	19.1	26.3	78.9#



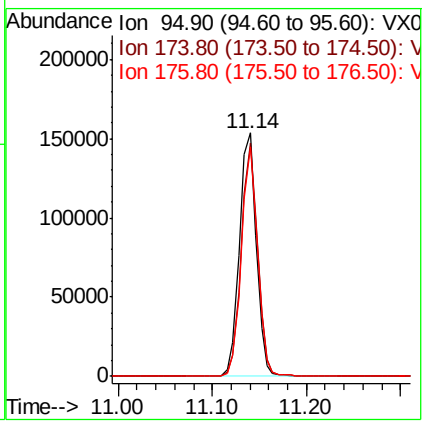


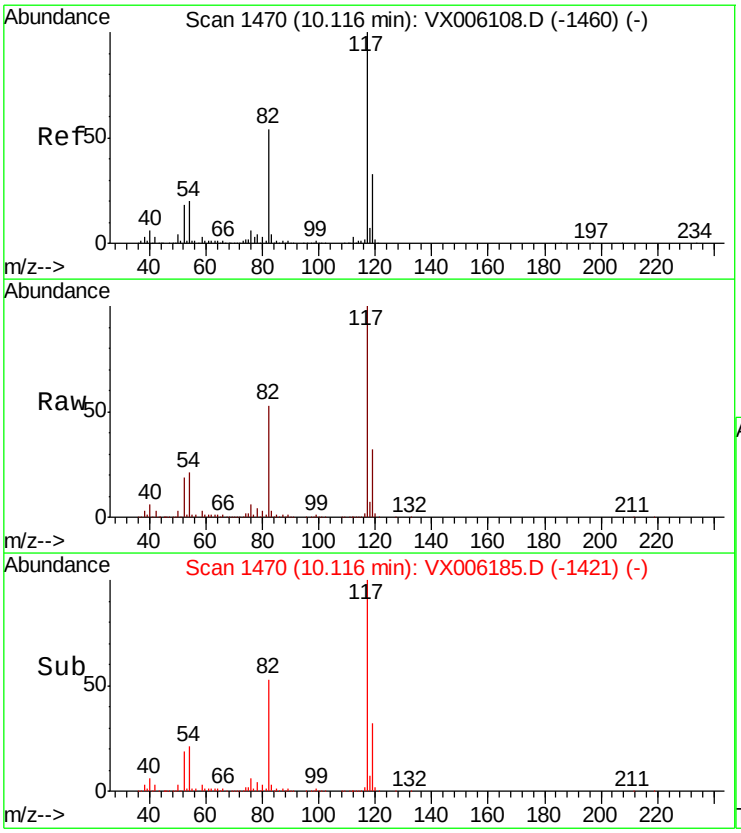
#62
4-Bromofluorobenzene
Concen: 45.811 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX006185.D
Acq: 26 Nov 2018 19:38

Instrument :
MSVOA_X
ClientSampleId :
SSSI-1114-S-TCLP-2

Tgt Ion: 95 Resp: 193388

Ion	Ratio	Lower	Upper
95	100		
174	92.9	0.0	184.4
176	90.3	0.0	179.0

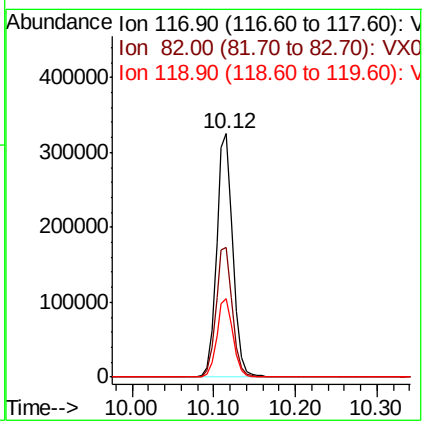


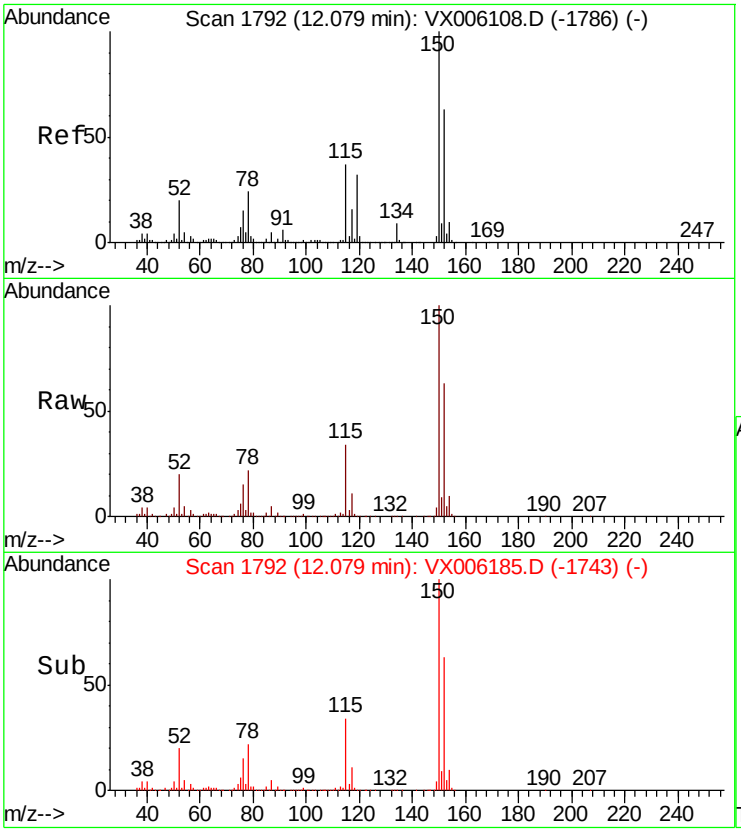


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006185.D
Acq: 26 Nov 2018 19:38

Tgt Ion:117 Resp: 451856

Ion	Ratio	Lower	Upper
117	100		
82	53.1	43.0	64.4
119	32.3	26.1	39.1



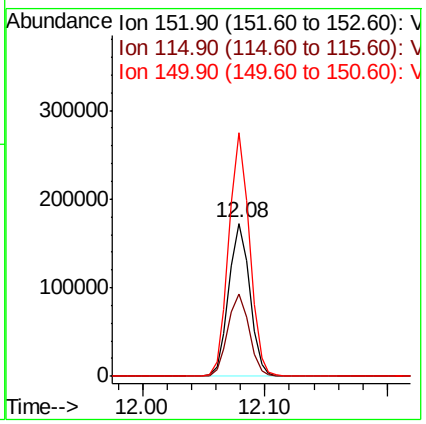


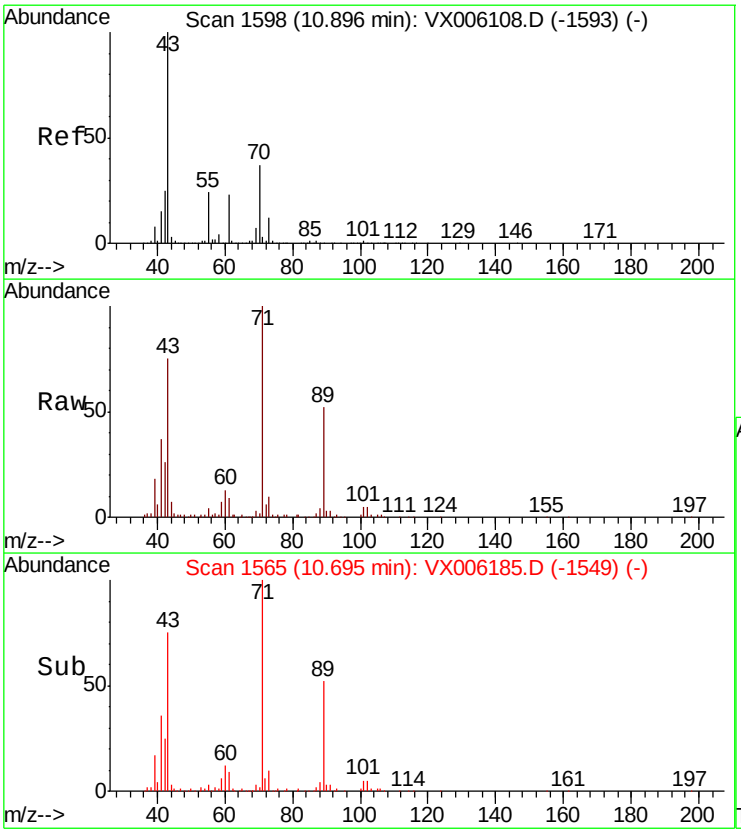
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006185.D
Acq: 26 Nov 2018 19:38

Instrument :
MSVOA_X
ClientSampleId :
SSSI-1114-S-TCLP-2

Tgt Ion:152 Resp: 203622

Ion	Ratio	Lower	Upper
152	100		
115	54.7	39.0	116.9
150	156.9	0.0	346.6

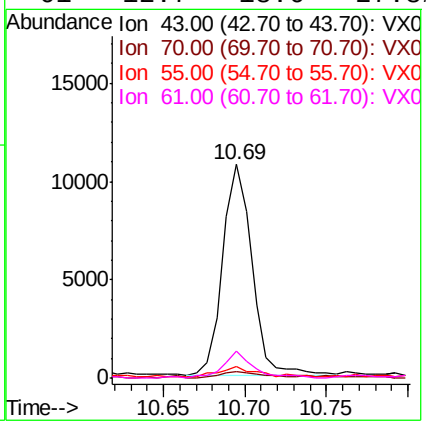


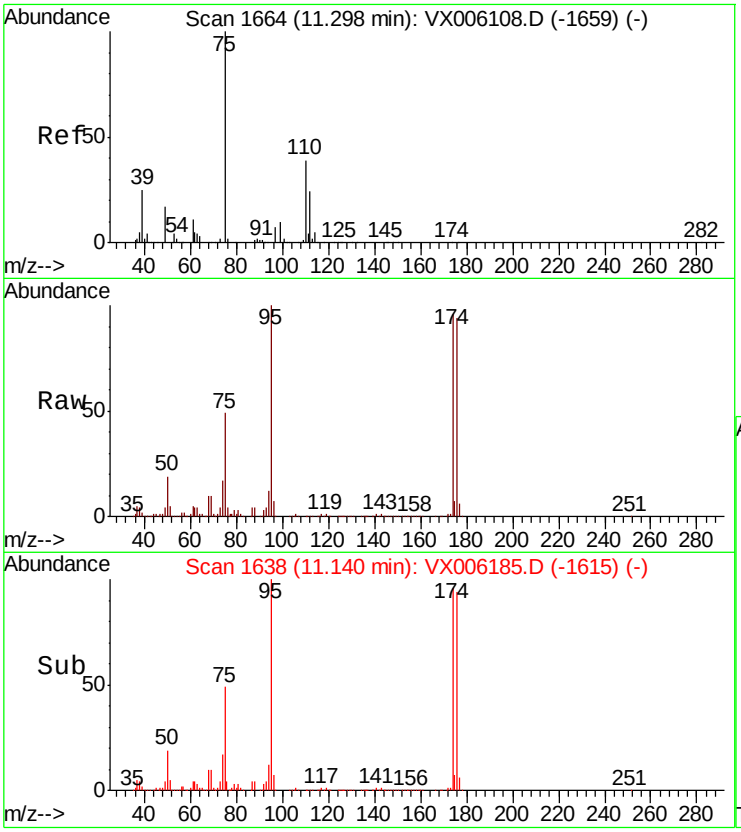


#74
N-amyl acetate
Concen: 4.259 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.20 min
Lab File: VX006185.D
Acq: 26 Nov 2018 19:38

Tgt Ion: 43 Resp: 13576

Ion	Ratio	Lower	Upper
43	100		
70	4.4	31.8	47.6#
55	5.9	19.5	29.3#
61	12.7	18.6	27.8#



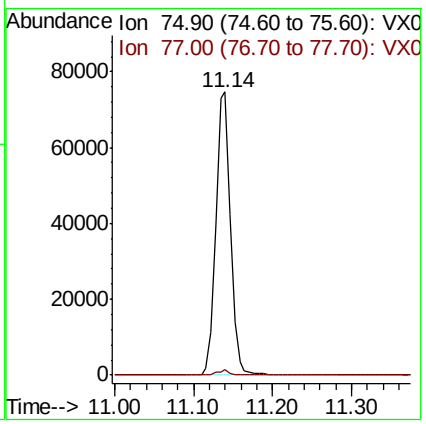


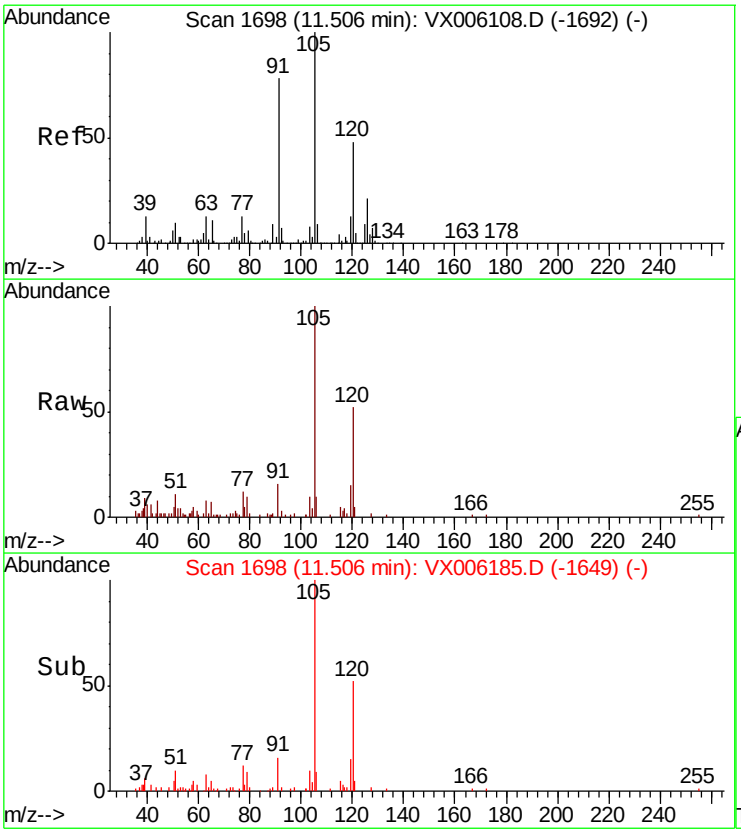
#76
1,2,3-Trichloropropane
Concen: 23.133 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.16 min
Lab File: VX006185.D
Acq: 26 Nov 2018 19:38

Instrument :
MSVOA_X
ClientSampleId :
SSSI-1114-S-TCLP-2

Tgt Ion: 75 Resp: 96977

Ion	Ratio	Lower	Upper
75	100		
77	1.7	19.6	58.7#

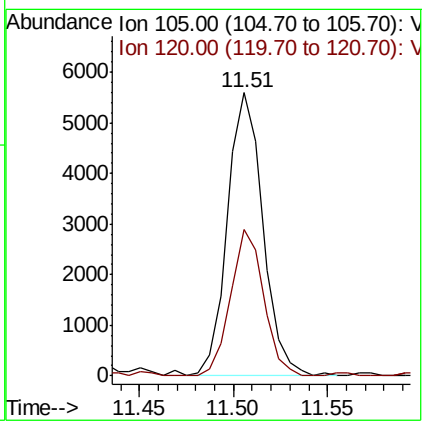


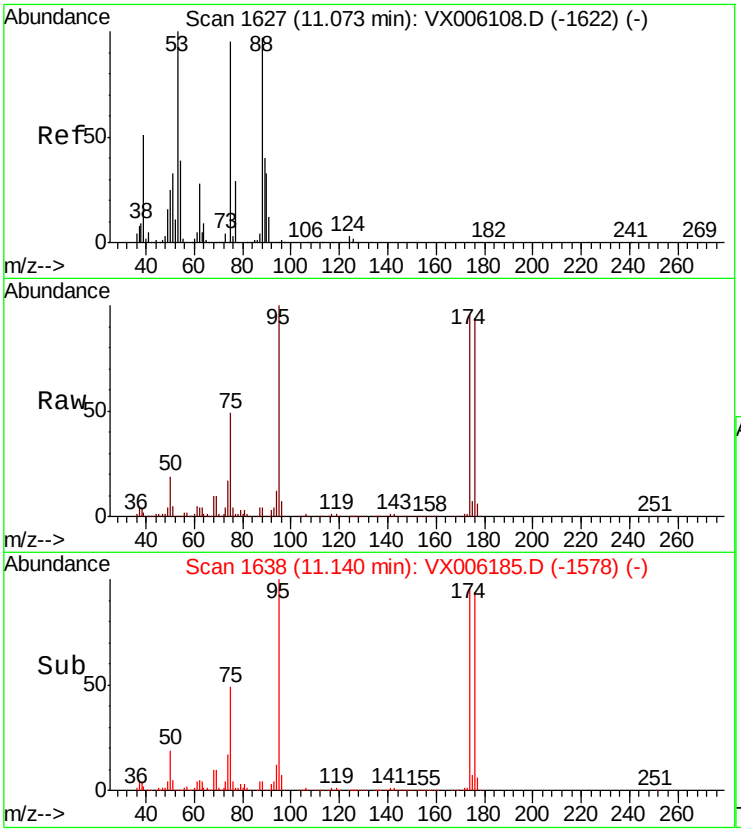


#80
1,3,5-Trimethylbenzene
Concen: 0.703 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX006185.D
Acq: 26 Nov 2018 19:38

Tgt Ion:105 Resp: 7300

Ion	Ratio	Lower	Upper
105	100		
120	48.2	24.3	73.0



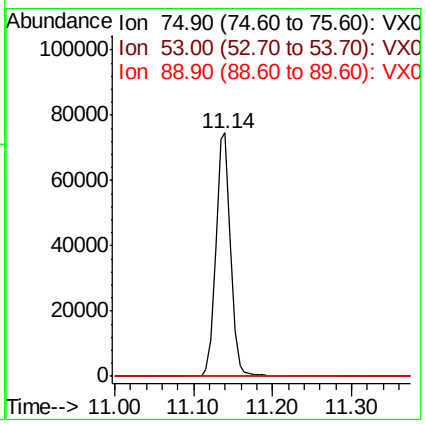


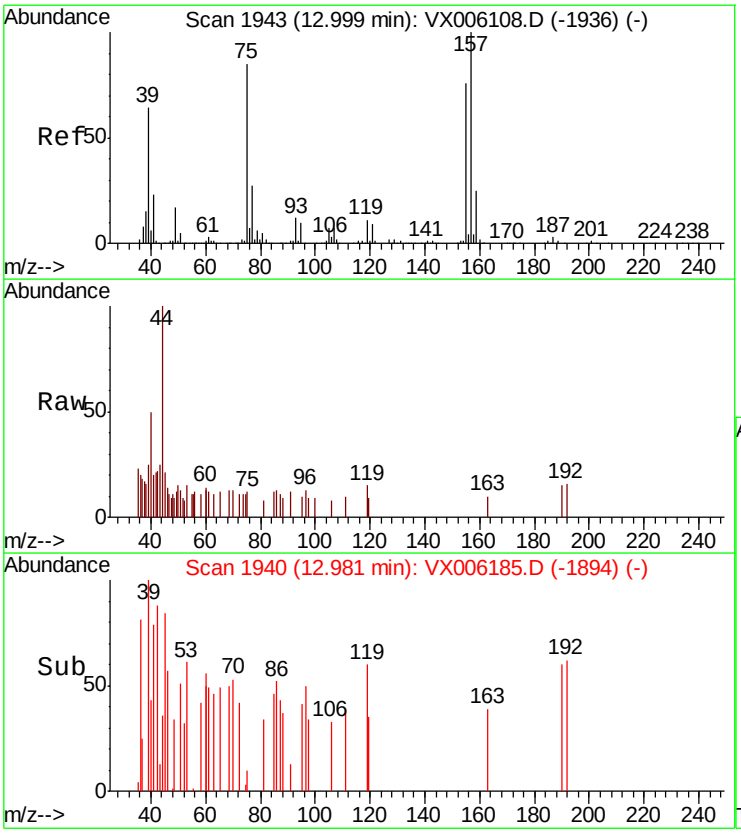
#81
trans-1,4-Dichloro-2-butene
Concen: 78.241 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.07 min
Lab File: VX006185.D
Acq: 26 Nov 2018 19:38

Instrument :
MSVOA_X
ClientSampleId :
SSSI-1114-S-TCLP-2

Tgt Ion: 75 Resp: 96977

Ion	Ratio	Lower	Upper
75	100		
53	0.5	85.3	127.9#
89	0.0	37.2	55.8#





#92
1,2-Dibromo-3-Chloropropane
Concen: 0.227 ug/l
RT: 12.98 min Scan# 1940
Delta R.T. -0.02 min
Lab File: VX006185.D
Acq: 26 Nov 2018 19:38

Tgt Ion: 75 Resp: 245

Ion	Ratio	Lower	Upper
75	100		
155	0.0	46.1	138.3#
157	0.0	59.8	179.3#