Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN050619\
Data File : VN055423.D
Acq On : 6 May 2019 18:20
Operator : JC/SP
Sample : K2680-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : SSSI-0502-S-TCLP-10

Quant Time: May 07 01:11:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 30 07:16:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	499962	50.00 ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	786294	50.00 ug/l	0.00
63) Chlorobenzene-d5	11.41	117	642274	50.00 ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	187263	50.00 ug/l	0.00
System Monitoring Compounds					
33) 1,2-Dichloroethane-d4	8.03	65	320024	48.93 ug/l	0.00
Spiked Amount 50.000			Recovery =	97.86%	
35) Dibromofluoromethane	7.59	113	249999	48.44 ug/l	0.00
Spiked Amount 50.000			Recovery =	96.88%	
50) Toluene-d8	10.09	98	920116	49.37 ug/l	0.00
Spiked Amount 50.000			Recovery =	98.74%	
62) 4-Bromofluorobenzene	12.40	95	273997	47.04 ug/l	0.00
Spiked Amount 50.000			Recovery =	94.08%	
Target Compounds					Qvalue
11) Tert butyl alcohol	4.78	59	116	0.310 ug/l #	73
16) Acetone	3.82	43	393459	193.063 ug/l	99
17) Carbon Disulfide	4.05	76	2887	0.224 ug/l #	74
18) Methyl Acetate	4.33	43	1481	Below Cal #	65
20) Methylene Chloride	4.56	84	51286	8.245 ug/l	97
25) 2-Butanone	6.85	43	2009	0.771 ug/l #	86
29) Tetrahydrofuran	7.21	42	536	0.321 ug/l #	64
30) Chloroform	7.38	83	2241	0.218 ug/l #	64
31) Cyclohexane	7.67	56	10546	1.025 ug/l #	7
36) 1,1-Dichloropropene	7.66	75	38634	5.130 ug/l #	50
38) Carbon Tetrachloride	7.67	117	46333	6.377 ug/l #	16
41) Methacrylonitrile	7.21	41	540	0.910 ug/l #	23
43) Isopropyl Acetate	8.17	43	12526	1.350 ug/l #	82
48) Methyl methacrylate	9.18	41	6826	1.497 ug/l #	18
51) 4-Methyl-2-Pentanone	9.98	43	4003	0.766 ug/l	96
54) cis-1,3-Dichloropropene	9.90	75	34974	4.303 ug/l #	67
57) 1,3-Dichloropropane	10.77	76	7038	0.848 ug/l #	43
58) 2-Chloroethyl Vinyl ether	9.91	63	81	12.448 ug/l #	52
59) 2-Hexanone	10.77	43	116882	35.768 ug/l #	55
71) Bromoform	12.39	173	746	0.273 ug/l #	29
73) Isopropylbenzene	12.25	105	181	Below Cal #	49
75) 1,1,2,2-Tetrachloroethane	12.41	83	107	Below Cal #	21
76) 1,2,3-Trichloropropane	12.40	75	139488	39.548 ug/l #	100
77) Bromobenzene	12.53	156	31	Below Cal #	1
79) 2-Chlorotoluene	12.68	91	66	Below Cal #	42
81) trans-1,4-Dichloro-2-buten	12.40	75	139488	141.159 ug/l #	7
83) tert-Butylbenzene	12.99	119	174	Below Cal #	61
93) 1,2,4-Trichlorobenzene	14.92	180	97	3.348 ug/l #	12
95) Naphthalene	15.14	128	853	3.481 ug/l #	79
96) 1,2,3-Trichlorobenzene	15.30	180	104	2.654 ug/l #	75

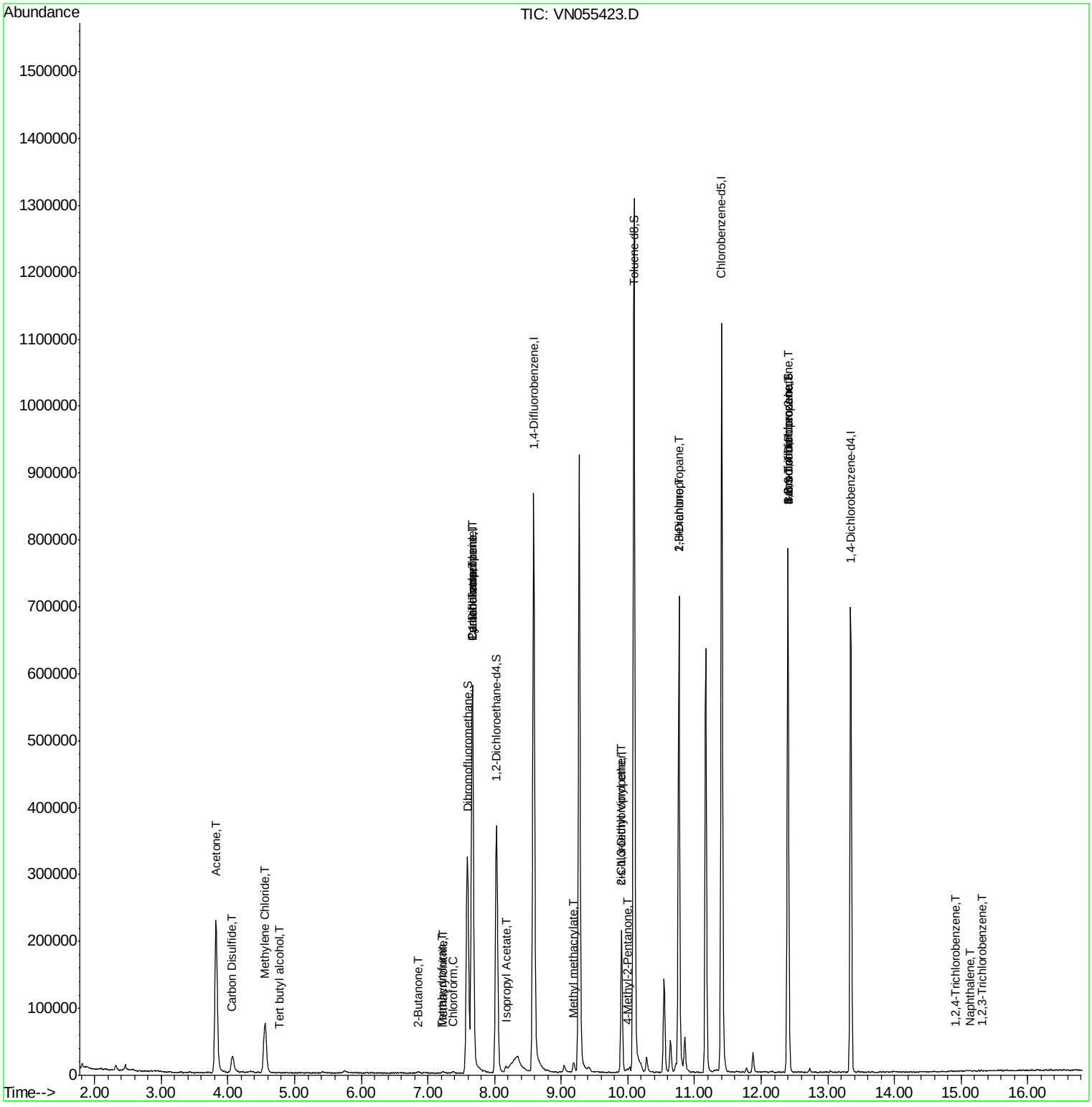
(#) = qualifier out of range (m) = manual integration (+) = signals summed

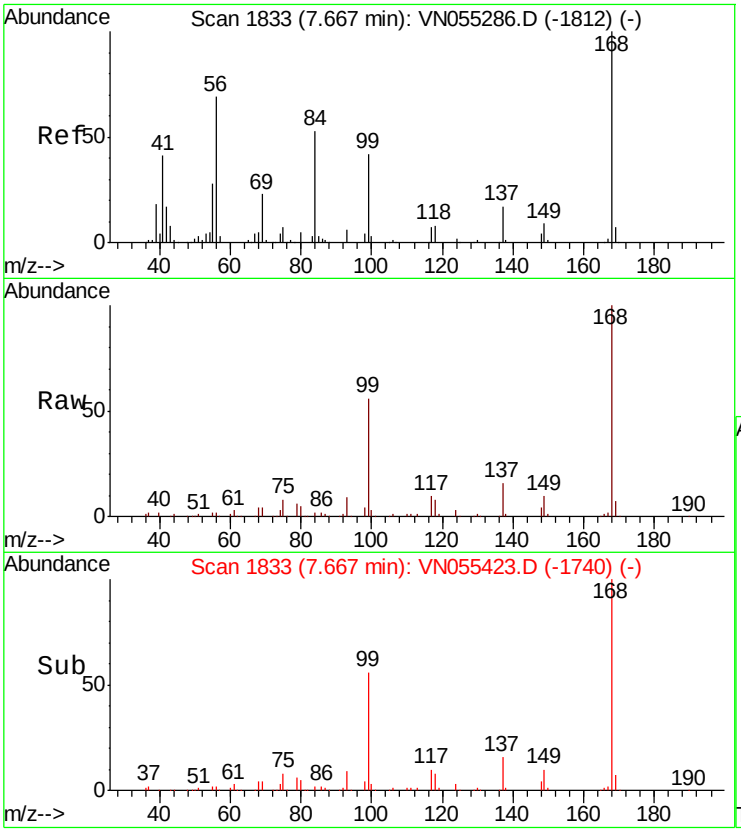
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN050619\
Data File : VN055423.D
Acq On : 6 May 2019 18:20
Operator : JC/SP
Sample : K2680-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SSSI-0502-S-TCLP-10

Quant Time: May 07 01:11:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 30 07:16:52 2019
Response via : Initial Calibration



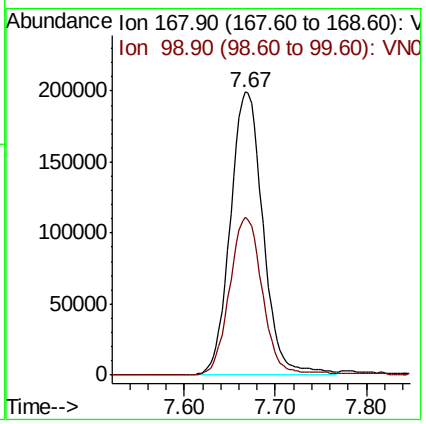


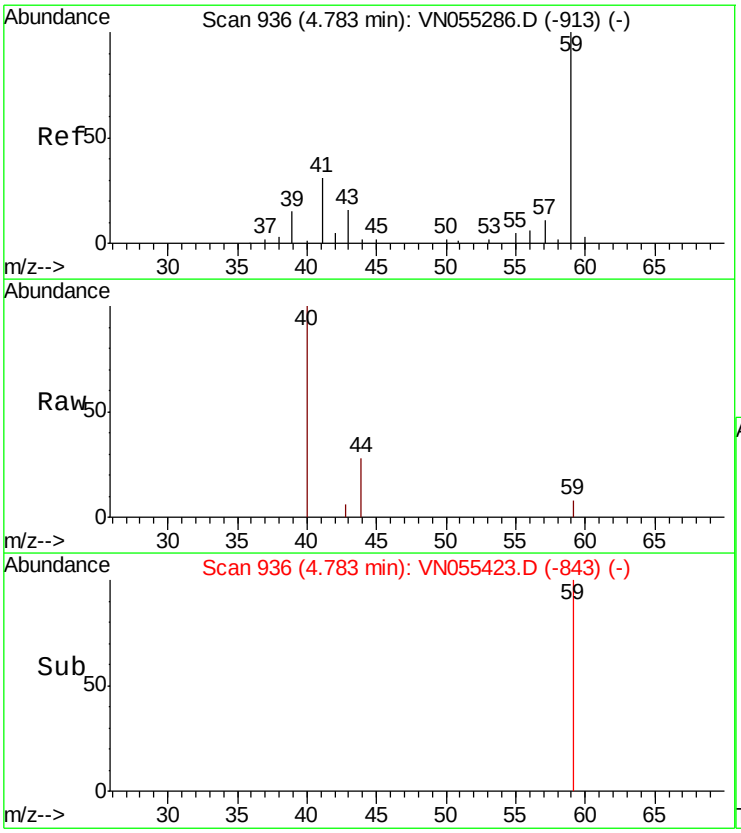
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VN055423.D
Acq: 6 May 2019 18:20

Instrument :
MSVOA_N
ClientSampleId :
SSSI-0502-S-TCLP-10

Tgt Ion:168 Resp: 499962

Ion	Ratio	Lower	Upper
168	100		
99	55.7	43.6	65.4

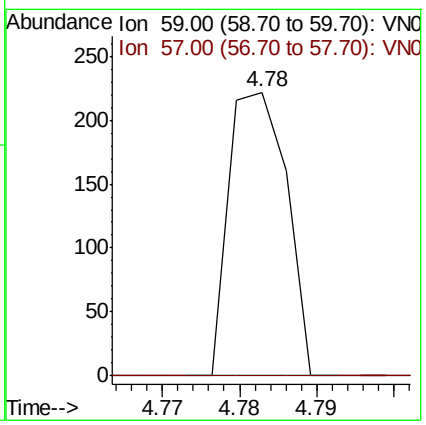


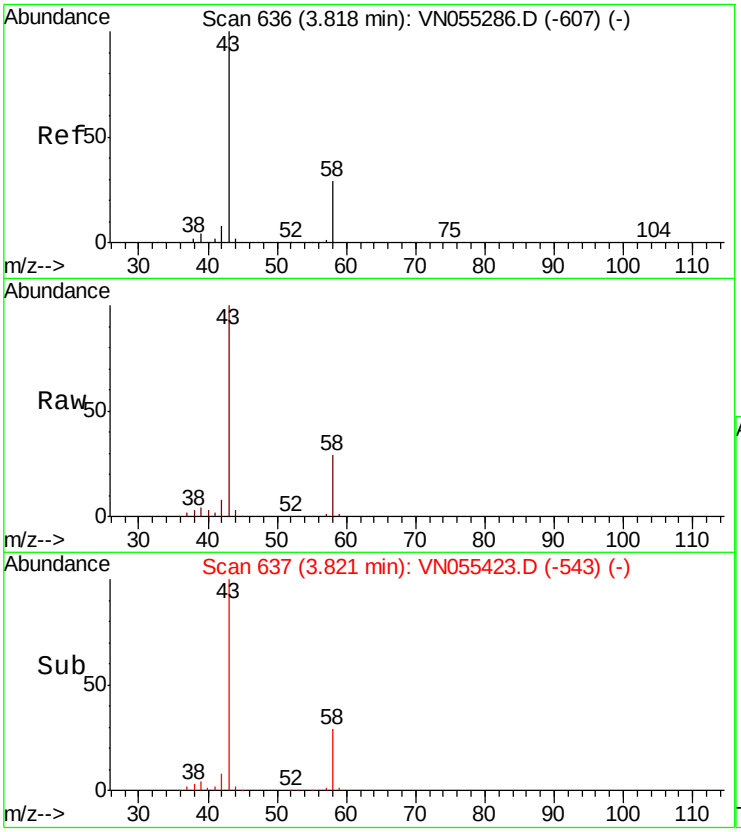


#11
Tert butyl alcohol
Concen: 0.310 ug/l
RT: 4.78 min Scan# 936
Delta R.T. 0.00 min
Lab File: VN055423.D
Acq: 6 May 2019 18:20

Tgt Ion: 59 Resp: 116

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.2	12.2#



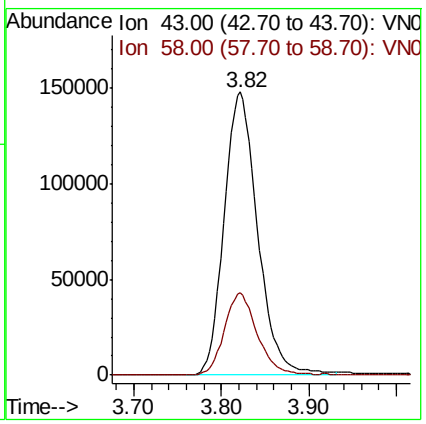


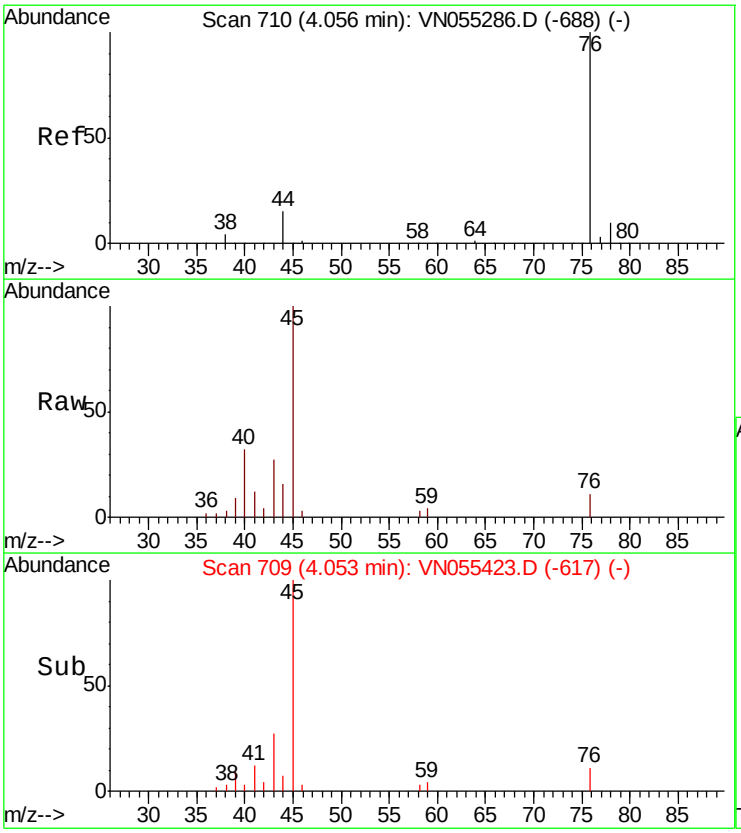
#16
Acetone
Concen: 193.063 ug/l
RT: 3.82 min Scan# 637
Delta R.T. 0.00 min
Lab File: VN055423.D
Acq: 6 May 2019 18:20

Instrument :
MSVOA_N
ClientSampleId :
SSSI-0502-S-TCLP-10

Tgt Ion: 43 Resp: 393459

Ion	Ratio	Lower	Upper
43	100		
58	29.0	23.6	35.4

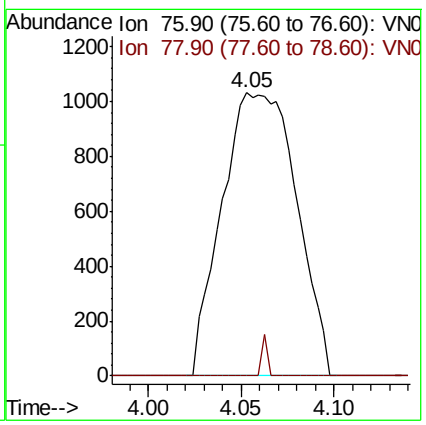


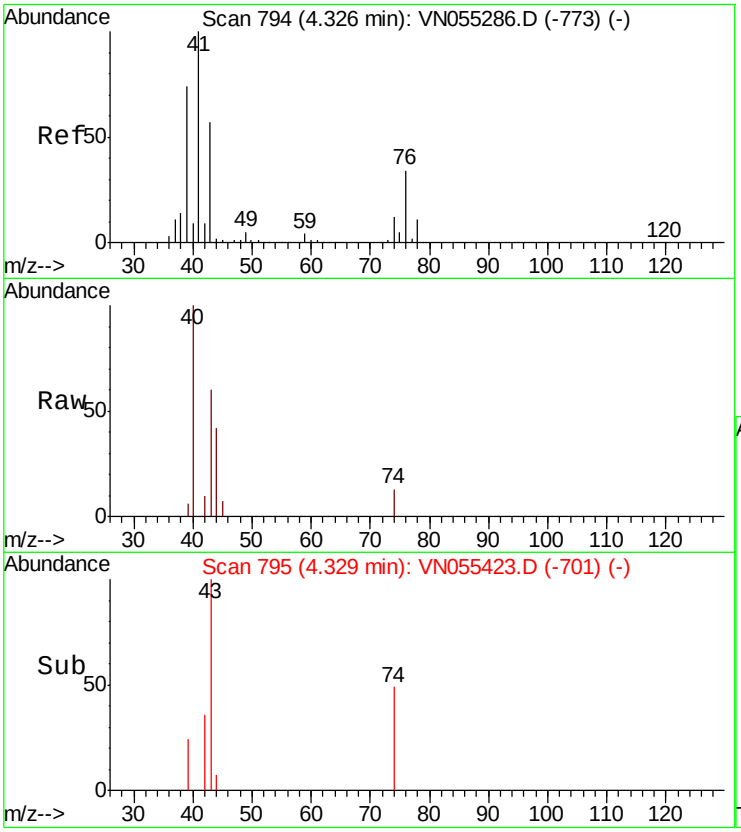


#17
Carbon Disulfide
Concen: 0.224 ug/l
RT: 4.05 min Scan# 709
Delta R.T. -0.00 min
Lab File: VN055423.D
Acq: 6 May 2019 18:20

Tgt Ion: 76 Resp: 2887

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.6	11.4#



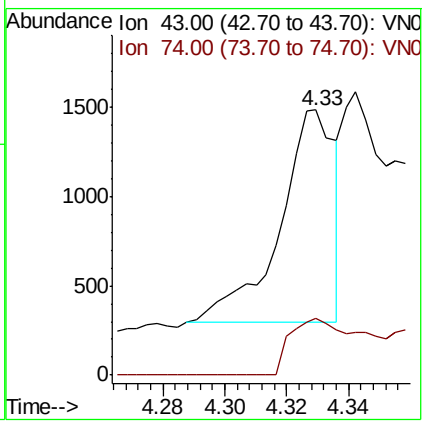


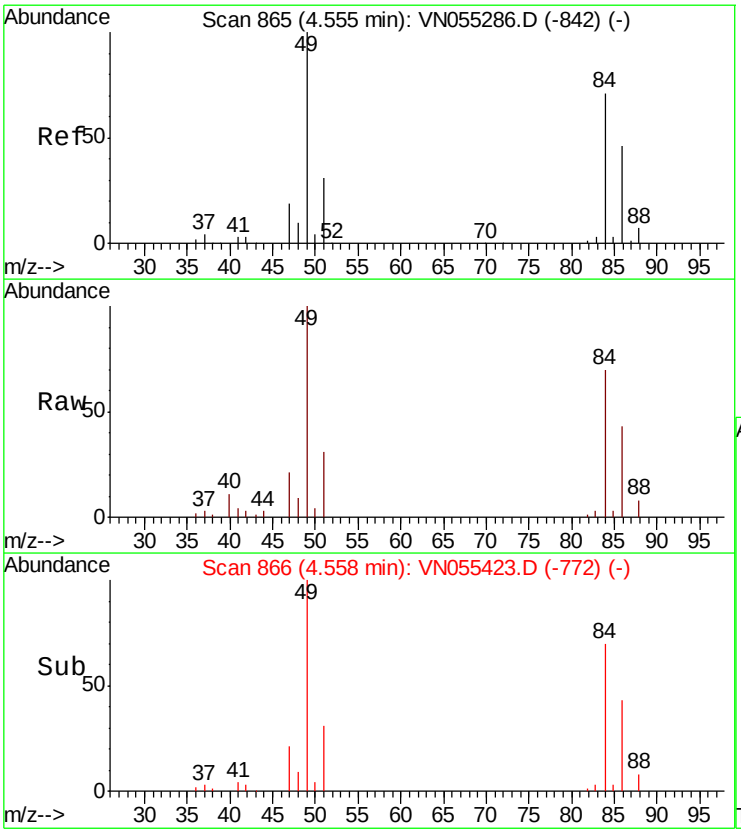
#18
Methyl Acetate
Concen: Below Cal
RT: 4.33 min Scan# 795
Delta R.T. 0.00 min
Lab File: VN055423.D
Acq: 6 May 2019 18:20

Instrument :
MSVOA_N
ClientSampleId :
SSSI-0502-S-TCLP-10

Tgt Ion: 43 Resp: 1481

Ion	Ratio	Lower	Upper
43	100		
74	36.0	15.8	23.8#

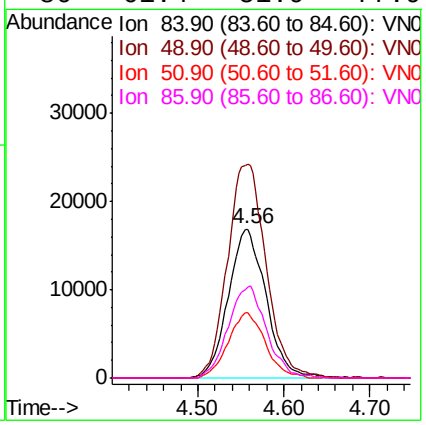


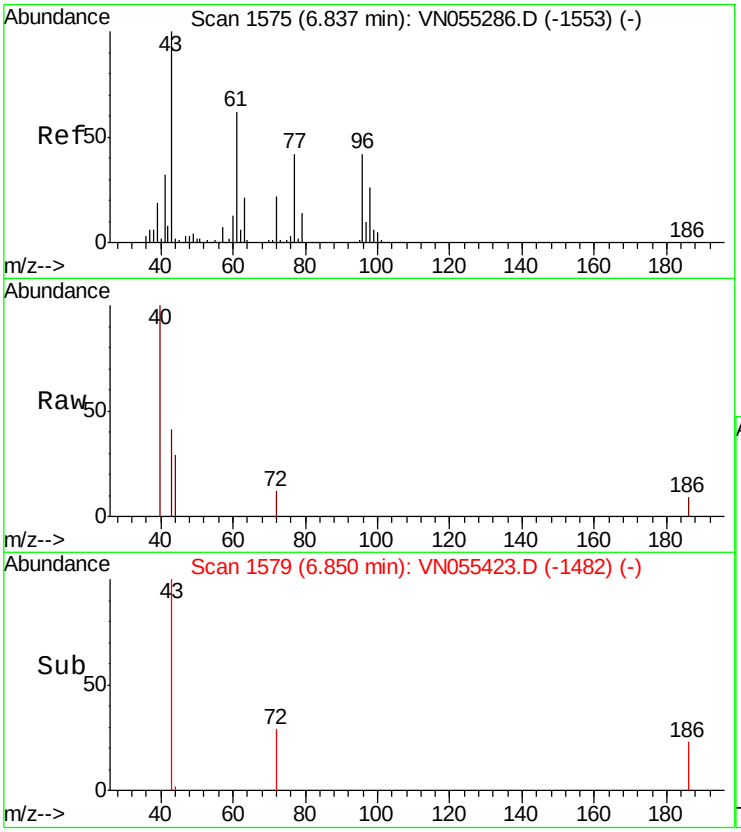


#20
Methylene Chloride
Concen: 8.245 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN055423.D
Acq: 6 May 2019 18:20

Tgt Ion: 84 Resp: 51286

Ion	Ratio	Lower	Upper
84	100		
49	143.4	112.4	168.6
51	43.9	34.6	51.8
86	61.4	51.9	77.9



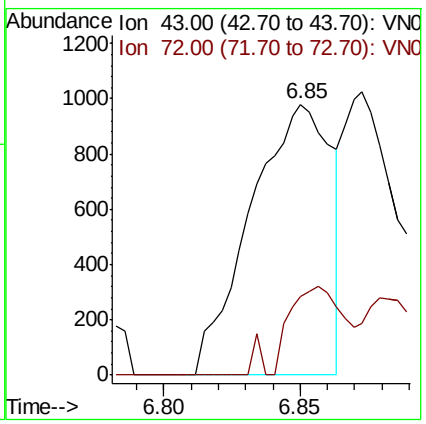


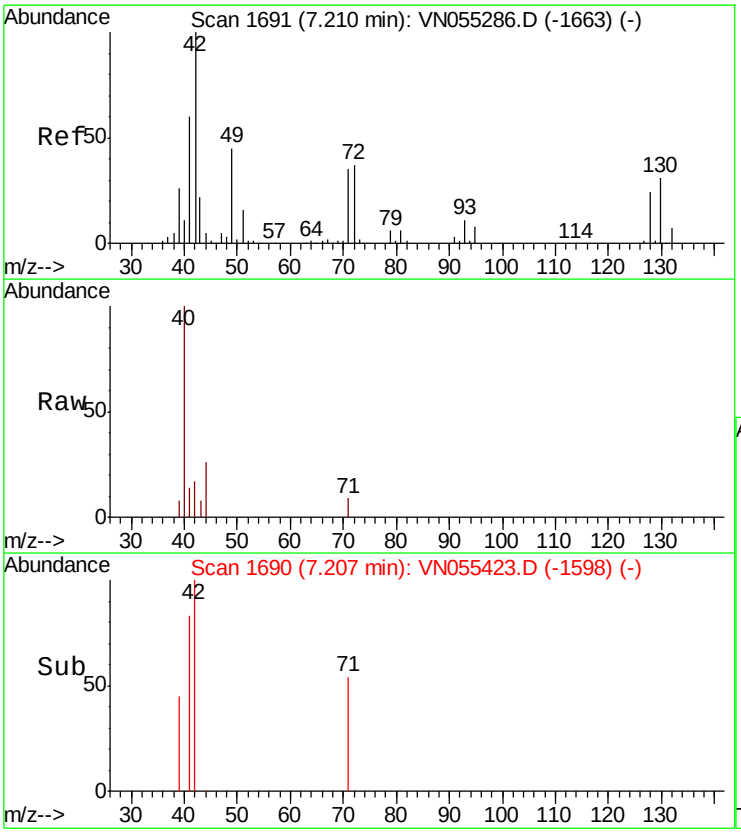
#25
2-Butanone
Concen: 0.771 ug/l
RT: 6.85 min Scan# 1579
Delta R.T. 0.01 min
Lab File: VN055423.D
Acq: 6 May 2019 18:20

Instrument :
MSVOA_N
ClientSampleId :
SSSI-0502-S-TCLP-10

Tgt Ion: 43 Resp: 2009

Ion	Ratio	Lower	Upper
43	100		
72	29.1	18.0	27.0#

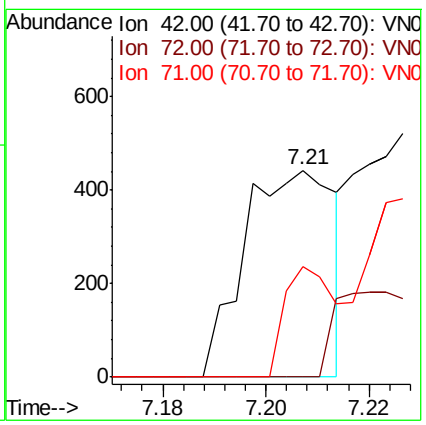


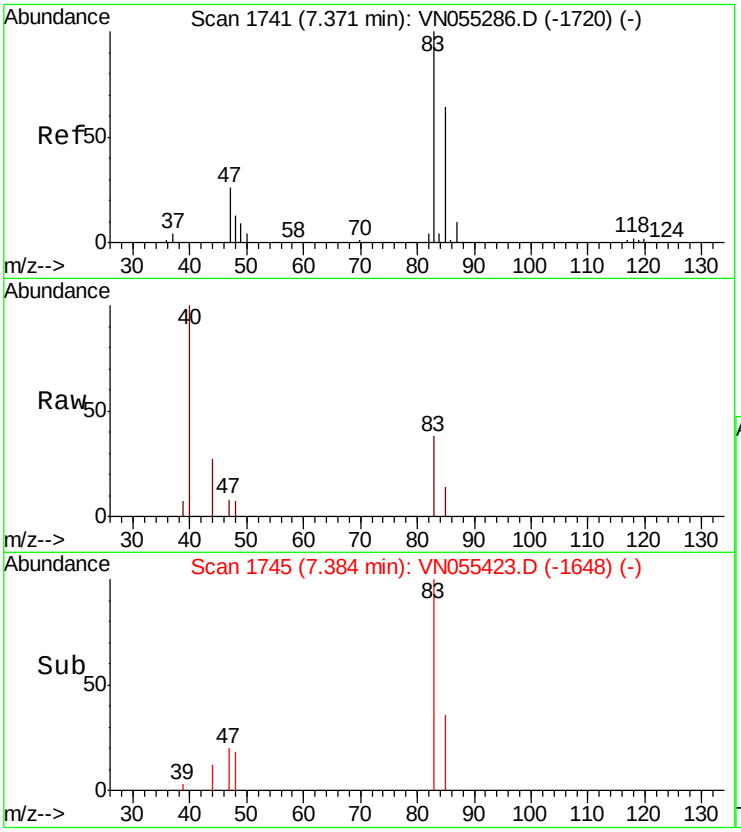


#29
Tetrahydrofuran
Concen: 0.321 ug/l
RT: 7.21 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VN055423.D
Acq: 6 May 2019 18:20

Tgt Ion: 42 Resp: 536

Ion	Ratio	Lower	Upper
42	100		
72	0.0	29.0	43.6#
71	28.5	27.1	40.7



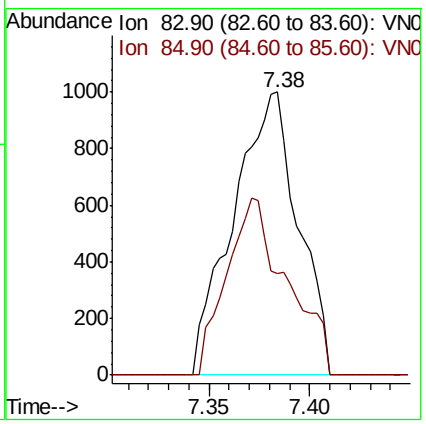


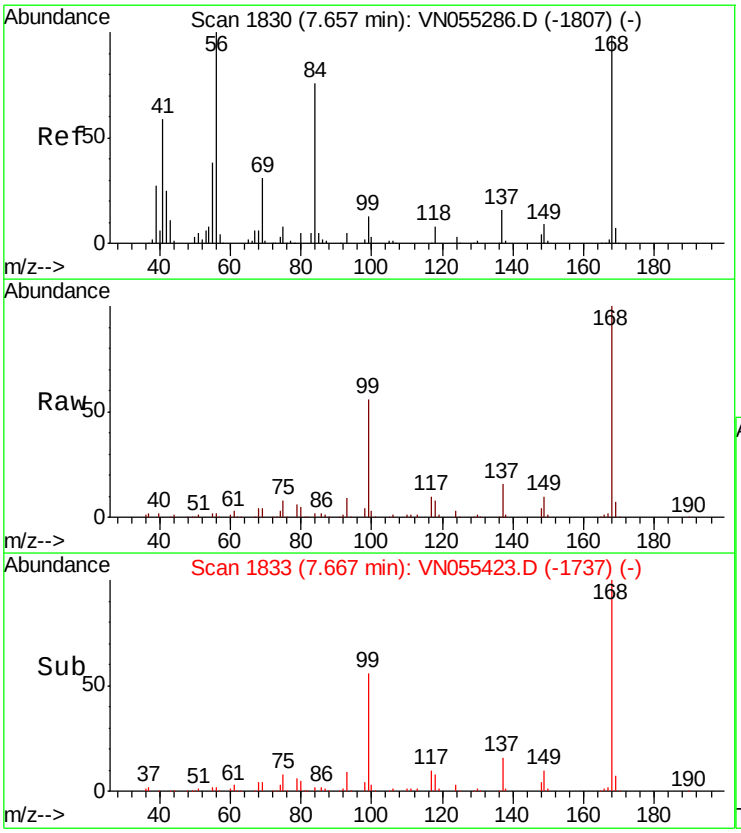
#30
Chloroform
Concen: 0.218 ug/l
RT: 7.38 min Scan# 1745
Delta R.T. 0.01 min
Lab File: VN055423.D
Acq: 6 May 2019 18:20

Instrument :
MSVOA_N
ClientSampleId :
SSSI-0502-S-TCLP-10

Tgt Ion: 83 Resp: 2241

Ion	Ratio	Lower	Upper
83	100		
85	36.1	51.4	77.2#

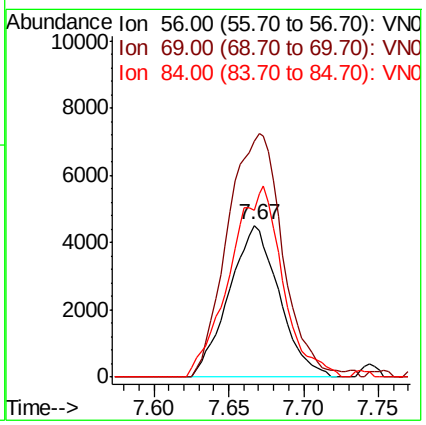


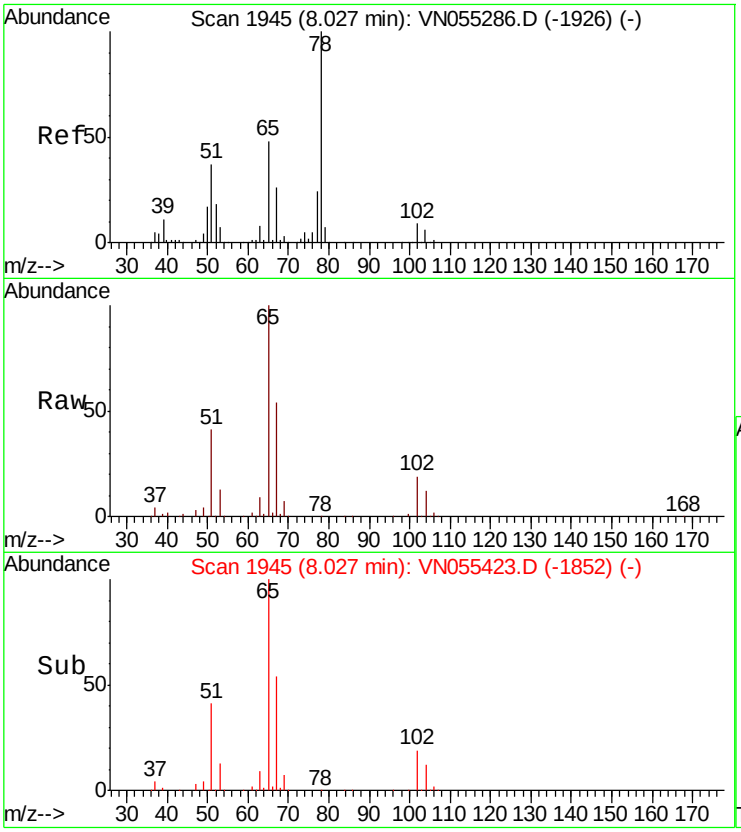


#31
Cyclohexane
Concen: 1.025 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.01 min
Lab File: VN055423.D
Acq: 6 May 2019 18:20

Tgt Ion: 56 Resp: 10546

Ion	Ratio	Lower	Upper
56	100		
69	156.0	25.2	37.8#
84	110.0	61.1	91.7#



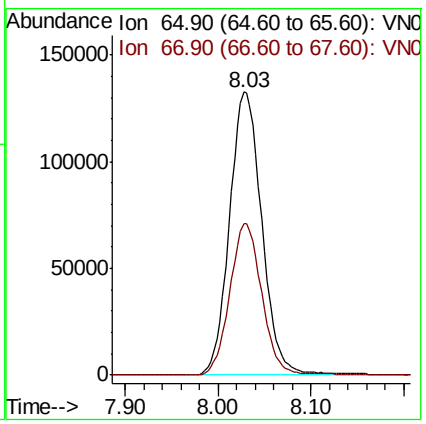


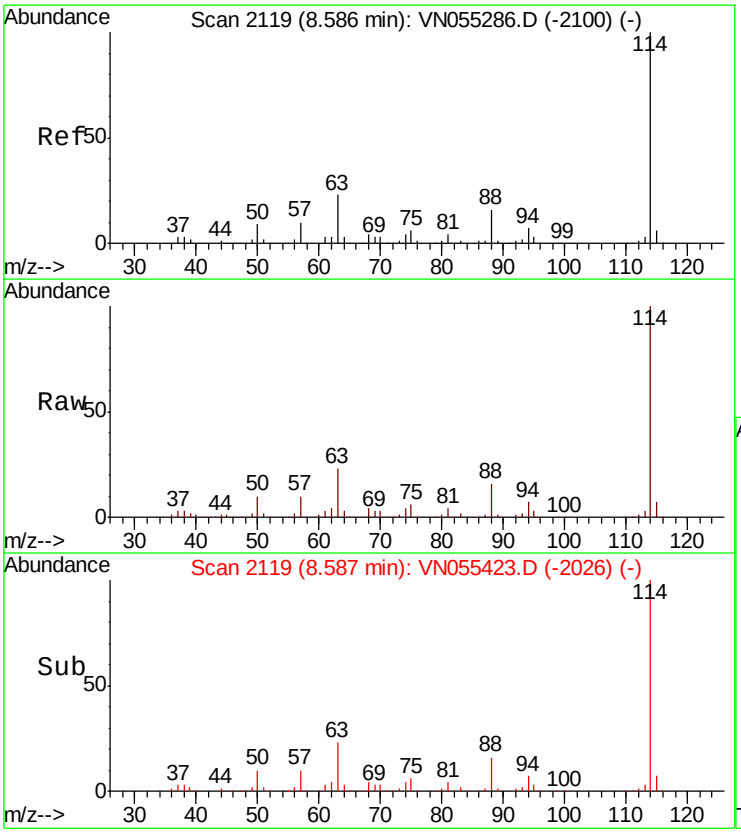
#33
1,2-Dichloroethane-d4
Concen: 48.929 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN055423.D
Acq: 6 May 2019 18:20

Instrument :
MSVOA_N
ClientSampleId :
SSSI-0502-S-TCLP-10

Tgt Ion: 65 Resp: 320024

Ion	Ratio	Lower	Upper
65	100		
67	53.4	0.0	106.8

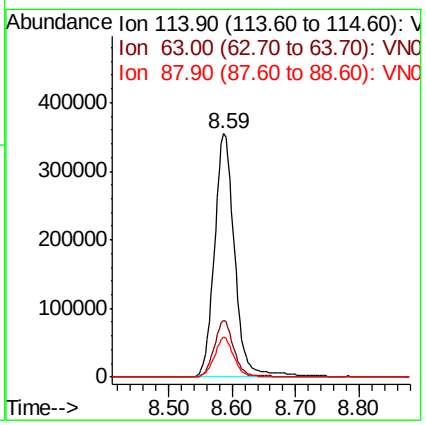


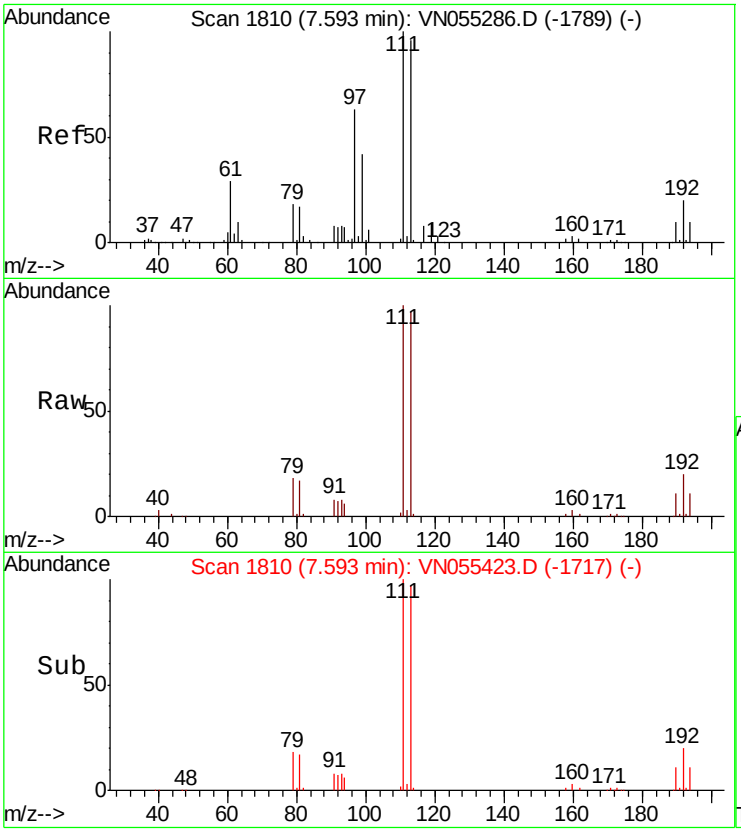


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN055423.D
Acq: 6 May 2019 18:20

Tgt Ion:114 Resp: 786294

Ion	Ratio	Lower	Upper
114	100		
63	23.1	0.0	45.2
88	16.2	0.0	31.6



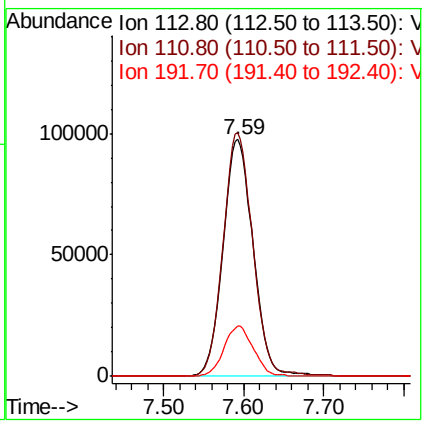


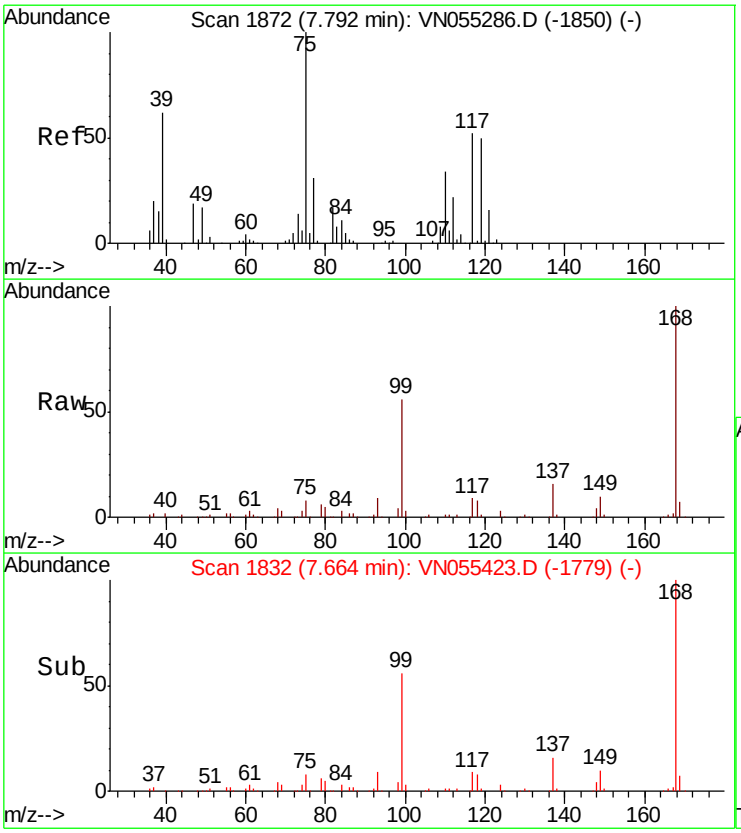
#35
Dibromofluoromethane
Concen: 48.440 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN055423.D
Acq: 6 May 2019 18:20

Instrument :
MSVOA_N
ClientSampleId :
SSSI-0502-S-TCLP-10

Tgt Ion:113 Resp: 249999

Ion	Ratio	Lower	Upper
113	100		
111	101.3	82.3	123.5
192	20.8	17.0	25.6

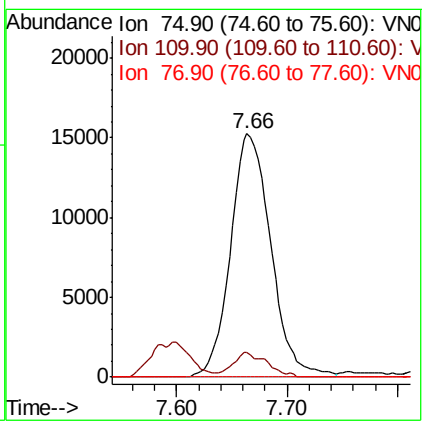


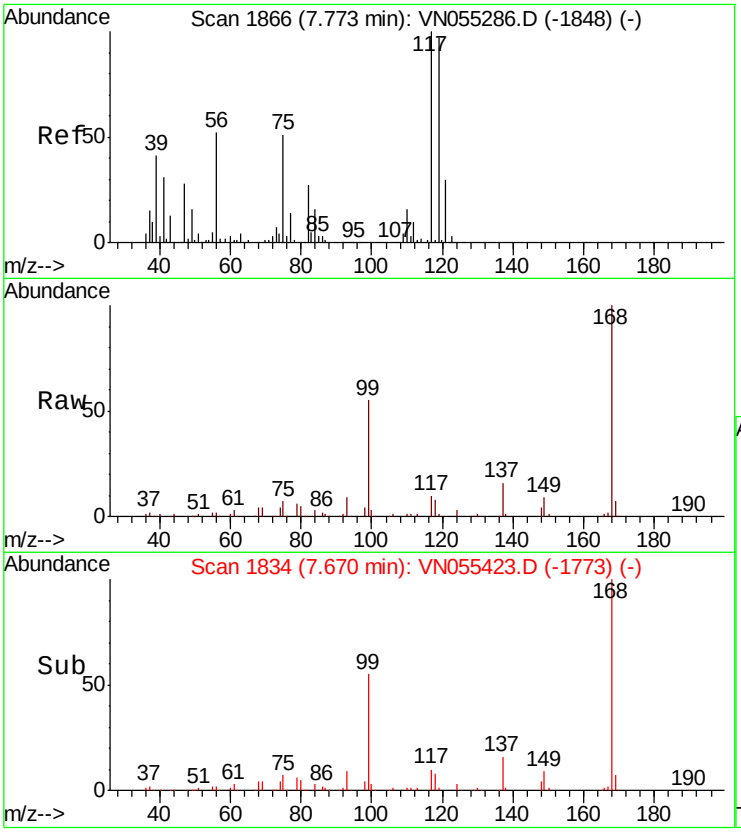


#36
1,1-Dichloropropene
Concen: 5.130 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.13 min
Lab File: VN055423.D
Acq: 6 May 2019 18:20

Tgt Ion: 75 Resp: 38634

Ion	Ratio	Lower	Upper
75	100		
110	8.7	16.8	50.4#
77	0.0	25.0	37.6#



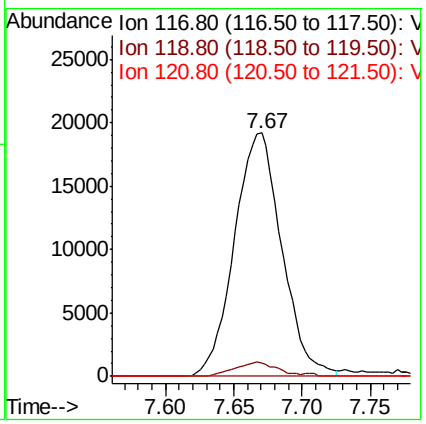


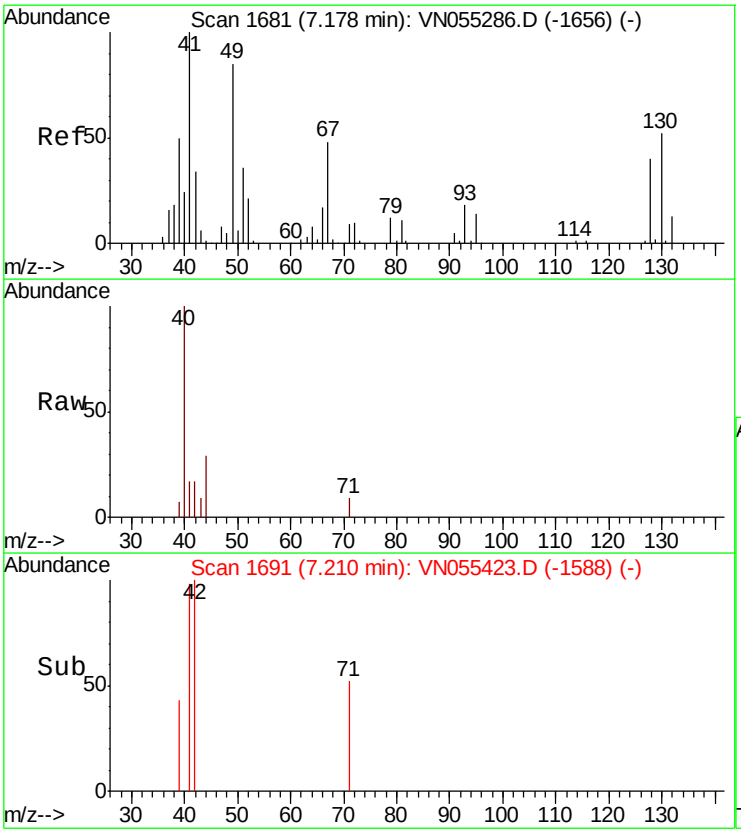
#38
Carbon Tetrachloride
Concen: 6.377 ug/l
RT: 7.67 min Scan# 1834
Delta R.T. -0.10 min
Lab File: VN055423.D
Acq: 6 May 2019 18:20

Instrument :
MSVOA_N
ClientSampleId :
SSSI-0502-S-TCLP-10

Tgt Ion:117 Resp: 46333

Ion	Ratio	Lower	Upper
117	100		
119	5.4	77.0	115.6#
121	0.0	23.8	35.8#

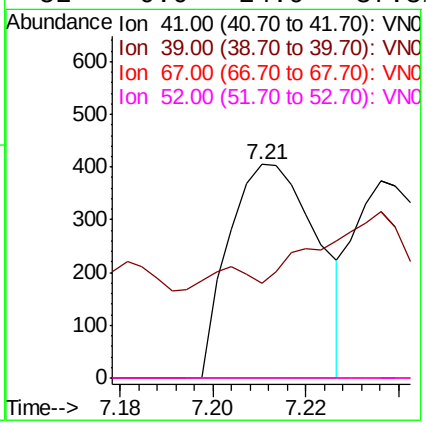


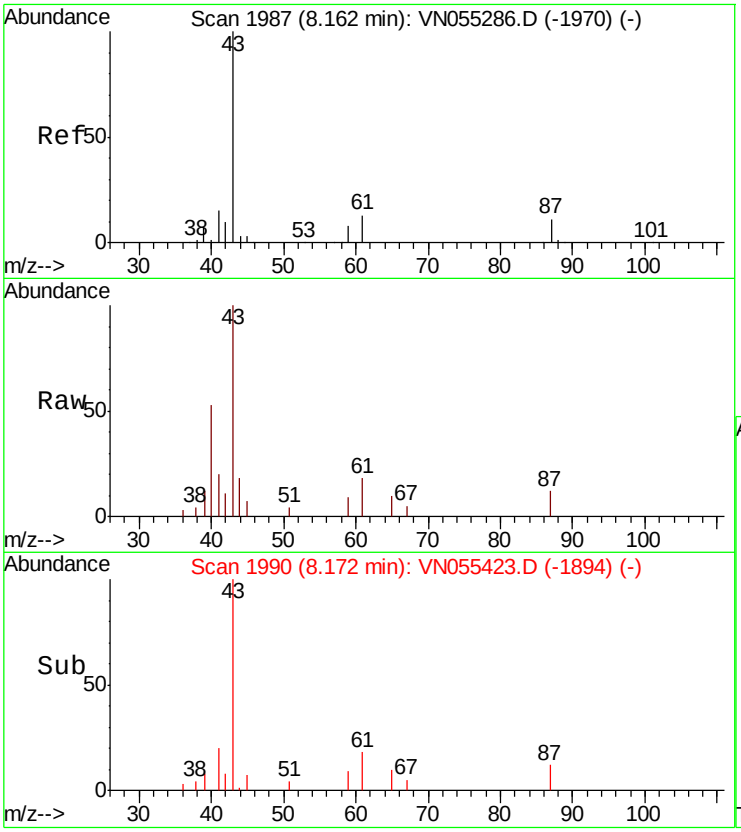


#41
Methacrylonitrile
Concen: 0.910 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. 0.03 min
Lab File: VN055423.D
Acq: 6 May 2019 18:20

Tgt Ion: 41 Resp: 540

Ion	Ratio	Lower	Upper
41	100		
39	0.0	48.5	72.7#
67	0.0	54.9	82.3#
52	0.0	24.9	37.3#



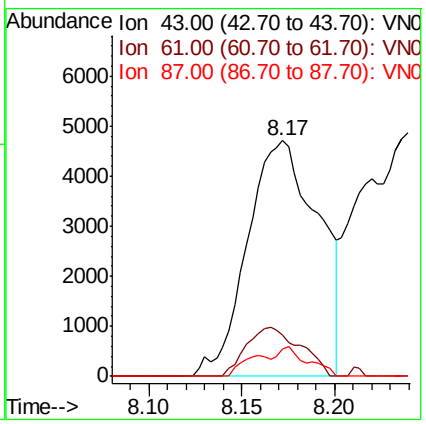


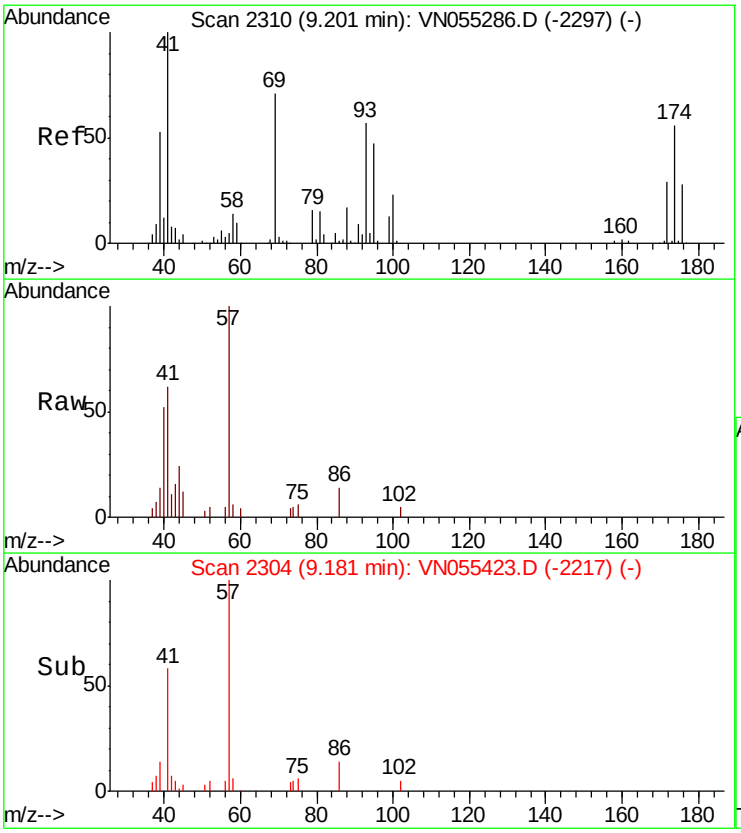
#43
Isopropyl Acetate
Concen: 1.350 ug/l
RT: 8.17 min Scan# 1990
Delta R.T. 0.01 min
Lab File: VN055423.D
Acq: 6 May 2019 18:20

Instrument : MSVOA_N
ClientSampleId : SSSI-0502-S-TCLP-10

Tgt Ion: 43 Resp: 12526

Ion	Ratio	Lower	Upper
43	100		
61	15.9	20.8	31.2#
87	5.4	8.5	12.7#

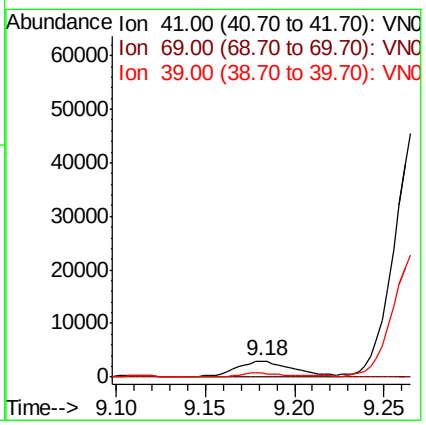


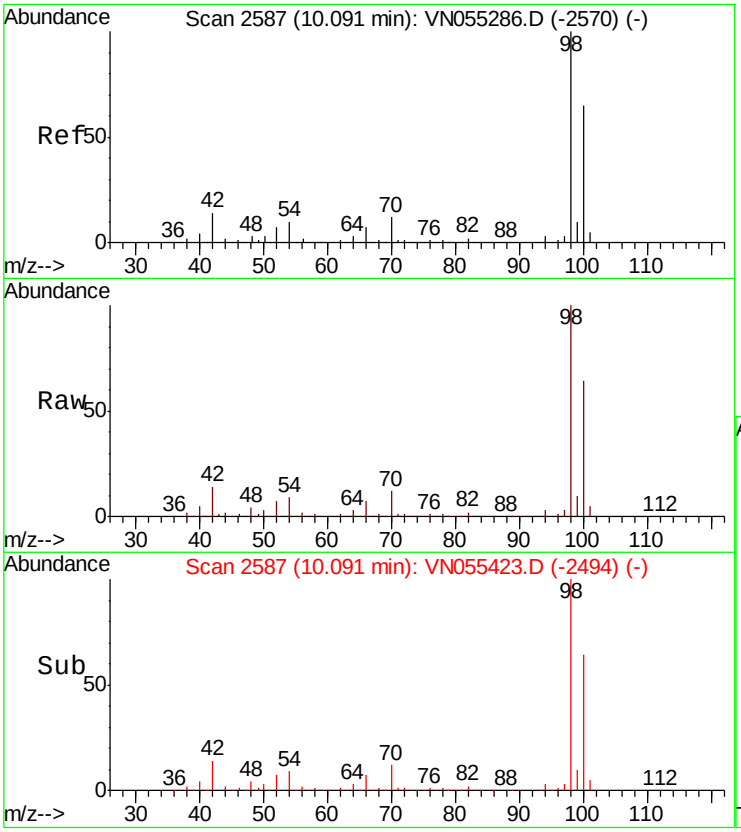


#48
Methyl methacrylate
Concen: 1.497 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.02 min
Lab File: VN055423.D
Acq: 6 May 2019 18:20

Tgt Ion: 41 Resp: 6826

Ion	Ratio	Lower	Upper
41	100		
69	0.0	58.6	87.8#
39	0.0	43.8	65.6#



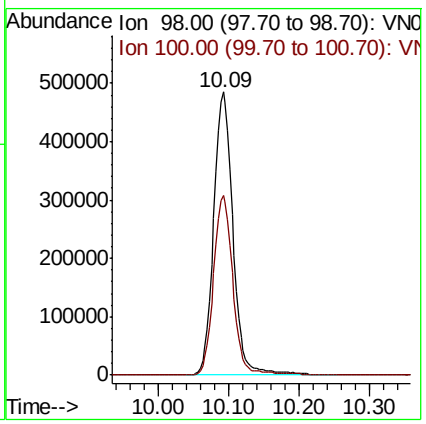


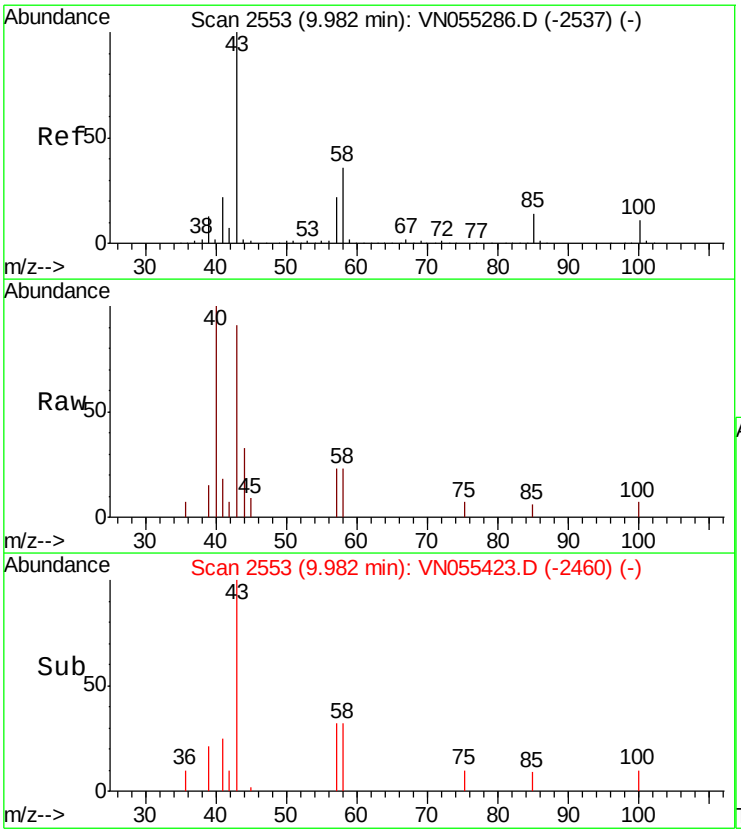
#50
Toluene-d8
Concen: 49.374 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN055423.D
Acq: 6 May 2019 18:20

Instrument :
MSVOA_N
ClientSampleId :
SSSI-0502-S-TCLP-10

Tgt Ion: 98 Resp: 920116

Ion	Ratio	Lower	Upper
98	100		
100	64.1	51.7	77.5

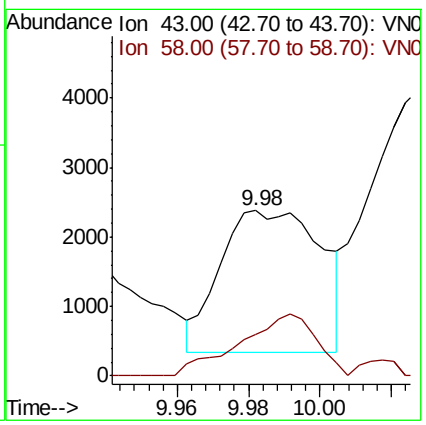


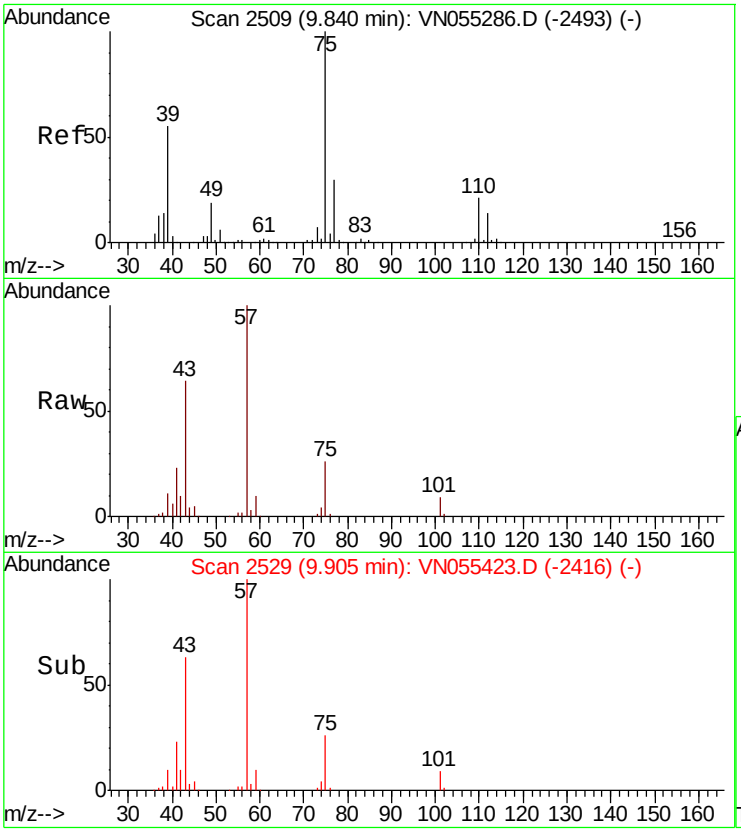


#51
4-Methyl-2-Pentanone
Concen: 0.766 ug/l
RT: 9.98 min Scan# 2553
Delta R.T. 0.00 min
Lab File: VN055423.D
Acq: 6 May 2019 18:20

Tgt Ion: 43 Resp: 4003

Ion	Ratio	Lower	Upper
43	100		
58	33.1	28.5	42.7



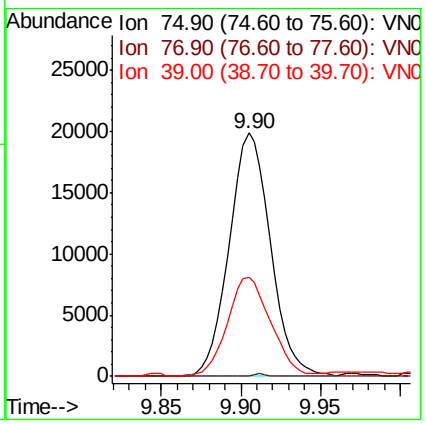


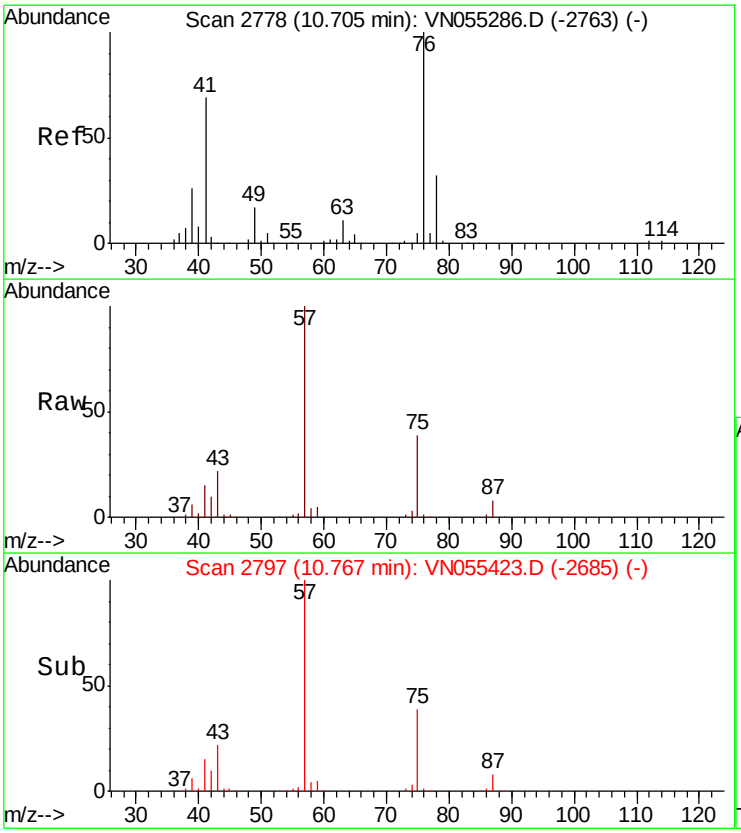
#54
cis-1,3-Dichloropropene
Concen: 4.303 ug/l
RT: 9.90 min Scan# 2529
Delta R.T. 0.06 min
Lab File: VN055423.D
Acq: 6 May 2019 18:20

Instrument :
MSVOA_N
ClientSampleId :
SSSI-0502-S-TCLP-10

Tgt Ion: 75 Resp: 34974

Ion	Ratio	Lower	Upper
75	100		
77	0.0	24.2	36.2#
39	39.9	44.2	66.2#

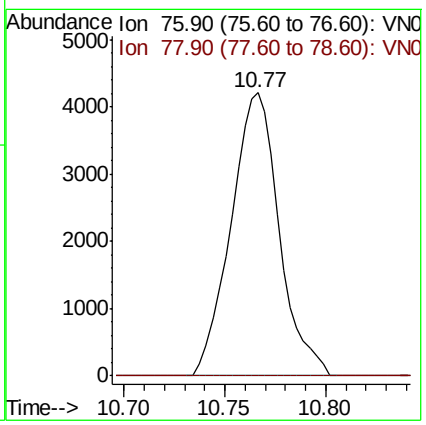


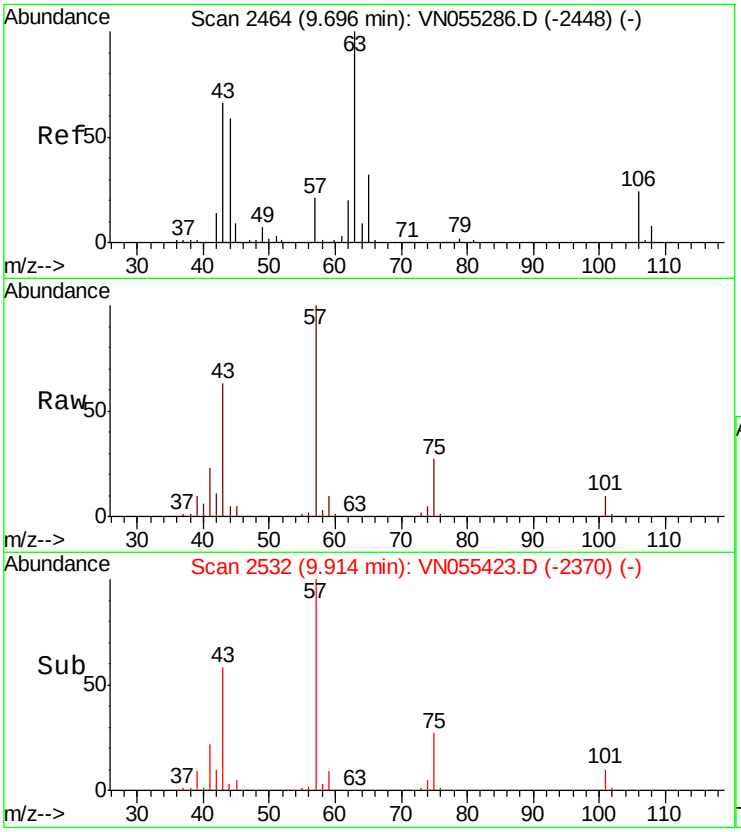


#57
1,3-Dichloropropane
Concen: 0.848 ug/l
RT: 10.77 min Scan# 2797
Delta R.T. 0.06 min
Lab File: VN055423.D
Acq: 6 May 2019 18:20

Tgt Ion: 76 Resp: 7038

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.6	38.4#



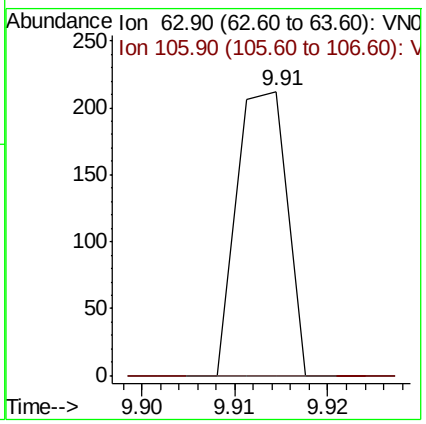


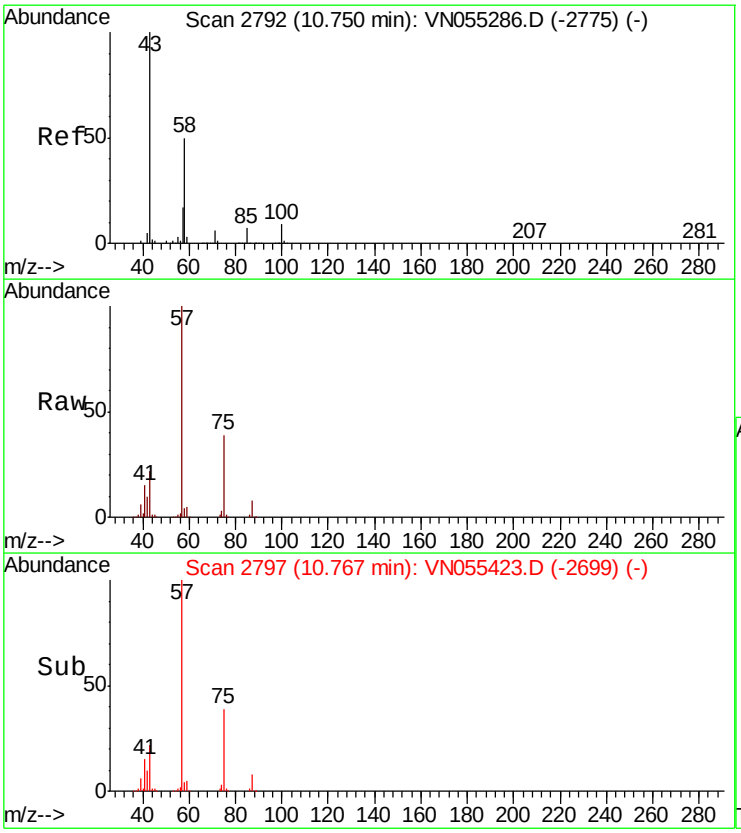
#58
2-Chloroethyl Vinyl ether
Concen: 12.448 ug/l
RT: 9.91 min Scan# 2532
Delta R.T. 0.22 min
Lab File: VN055423.D
Acq: 6 May 2019 18:20

Instrument :
MSVOA_N
ClientSampleId :
SSSI-0502-S-TCLP-10

Tgt Ion: 63 Resp: 81

Ion	Ratio	Lower	Upper
63	100		
106	0.0	19.0	28.4#

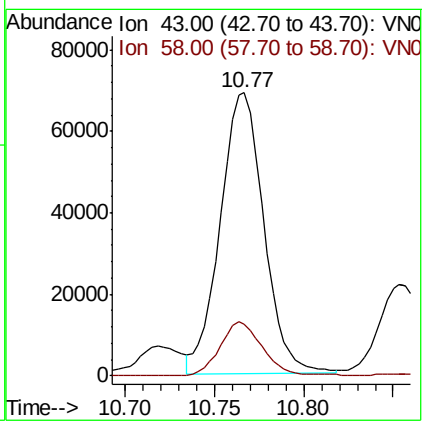


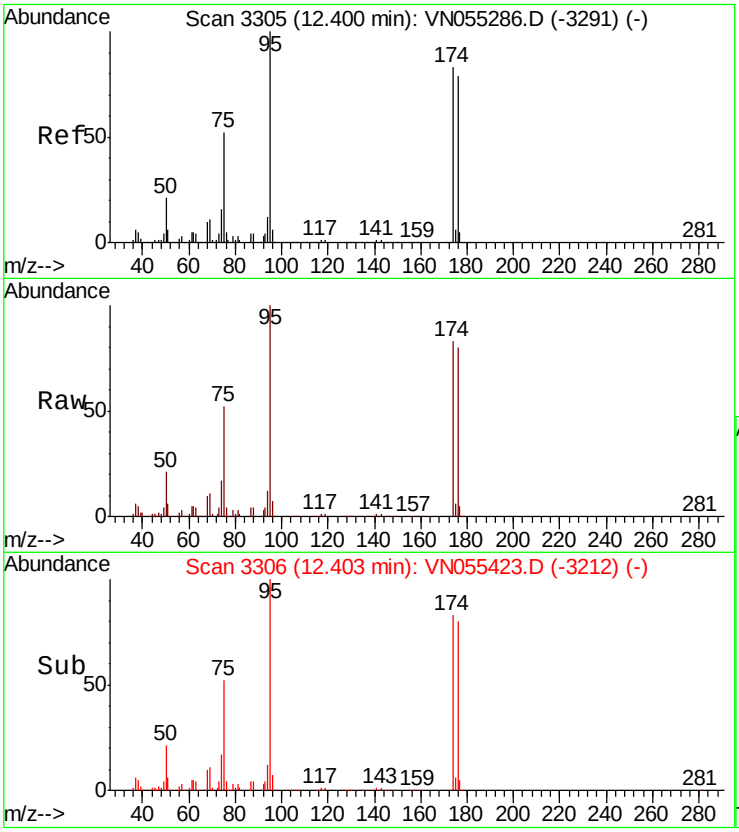


#59
2-Hexanone
Concen: 35.768 ug/l
RT: 10.77 min Scan# 2797
Delta R.T. 0.02 min
Lab File: VN055423.D
Acq: 6 May 2019 18:20

Tgt Ion: 43 Resp: 116882

Ion	Ratio	Lower	Upper
43	100		
58	18.7	24.9	74.6#



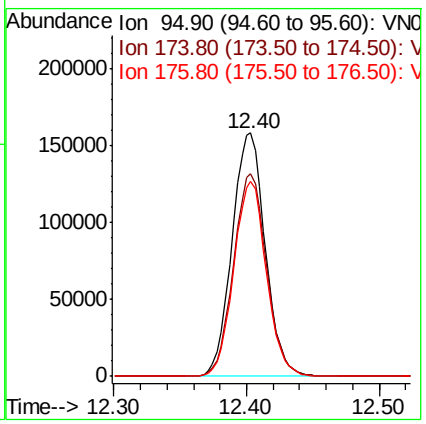


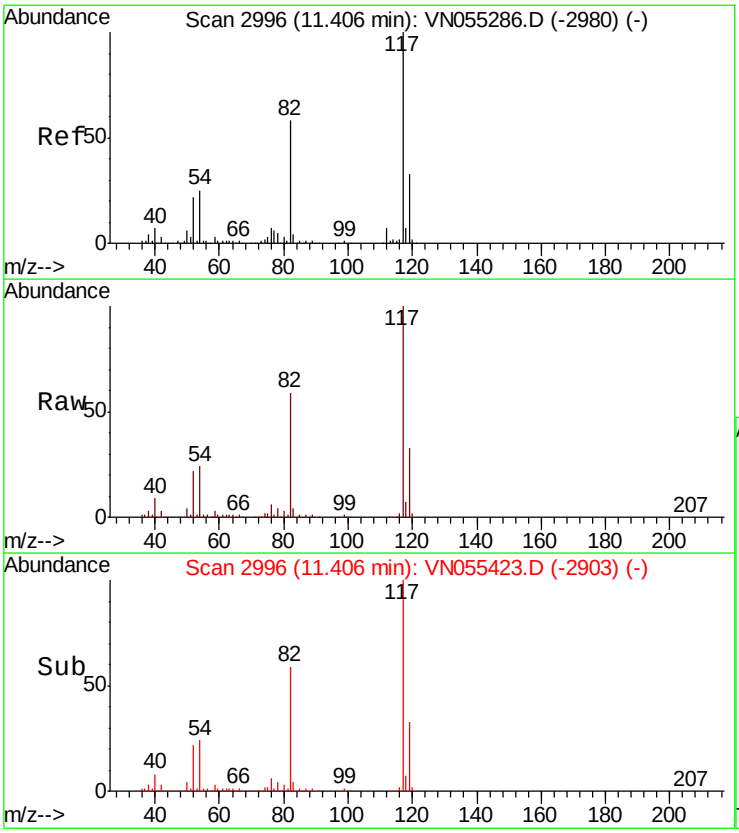
#62
4-Bromofluorobenzene
Concen: 47.044 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN055423.D
Acq: 6 May 2019 18:20

Instrument :
MSVOA_N
ClientSampleId :
SSSI-0502-S-TCLP-10

Tgt Ion: 95 Resp: 273997

Ion	Ratio	Lower	Upper
95	100		
174	83.1	0.0	166.6
176	79.0	0.0	157.8

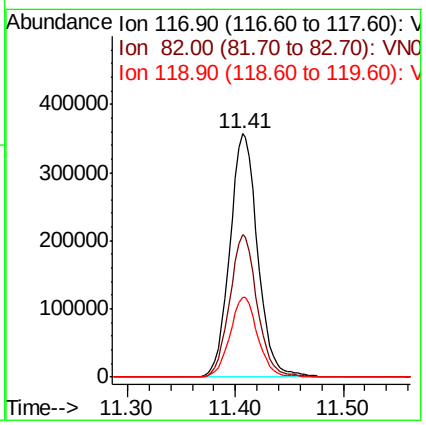


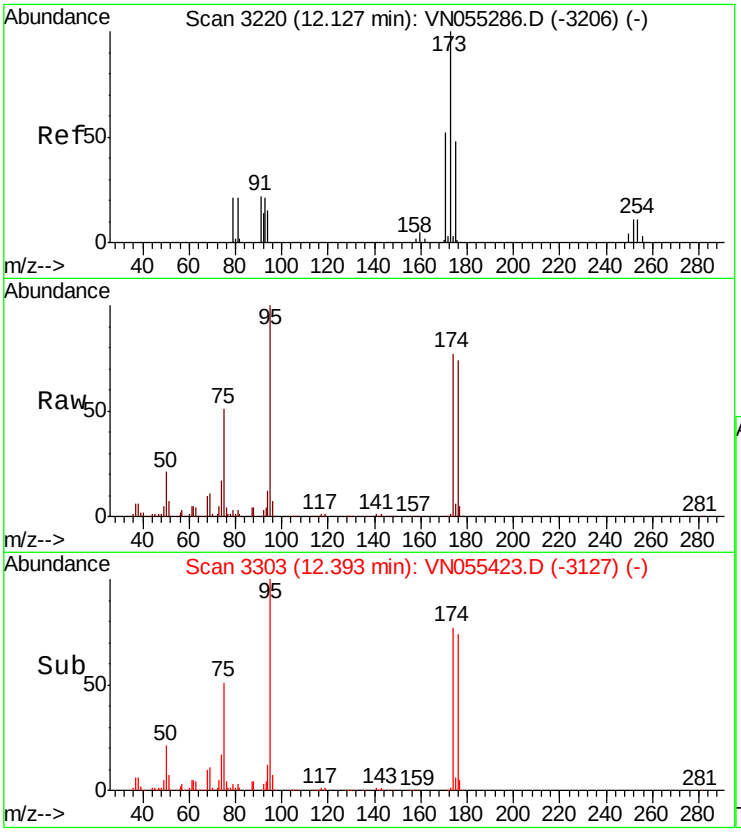


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055423.D
Acq: 6 May 2019 18:20

Tgt Ion:117 Resp: 642274

Ion	Ratio	Lower	Upper
117	100		
82	58.6	46.2	69.4
119	32.8	26.6	40.0



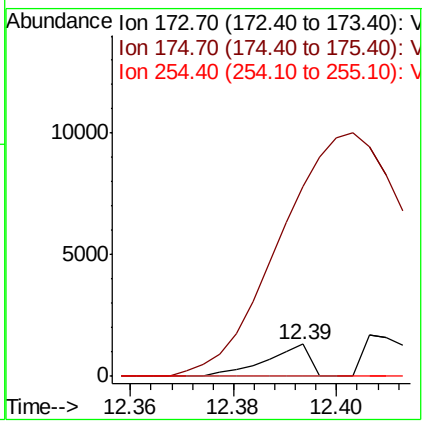


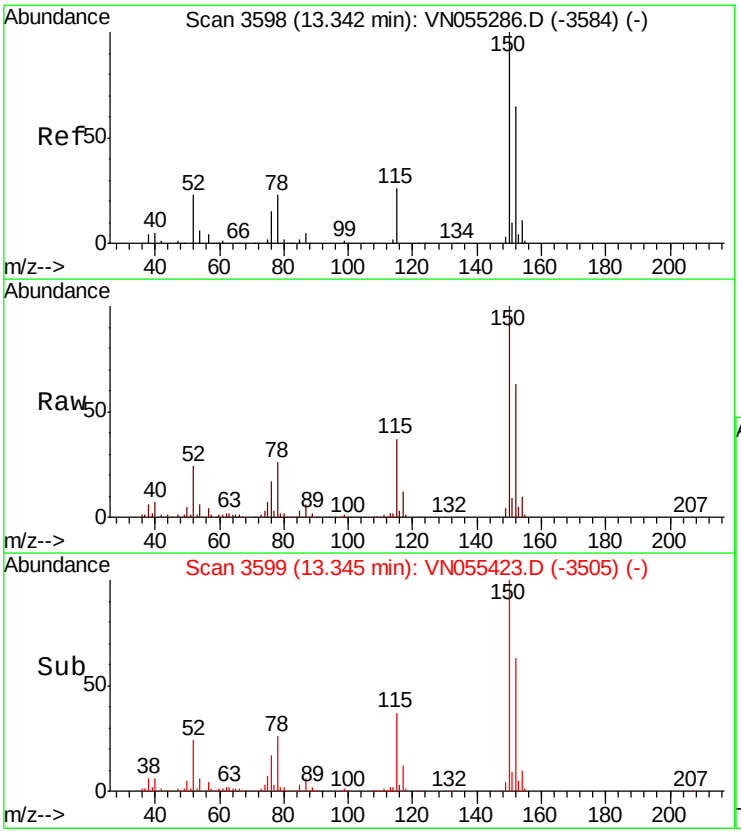
#71
Bromoform
Concen: 0.273 ug/l
RT: 12.39 min Scan# 3303
Delta R.T. 0.27 min
Lab File: VN055423.D
Acq: 6 May 2019 18:20

Instrument :
MSVOA_N
ClientSampleId :
SSSI-0502-S-TCLP-10

Tgt Ion:173 Resp: 746

Ion	Ratio	Lower	Upper
173	100		
175	0.0	23.6	71.0#
254	0.0	0.0	0.0

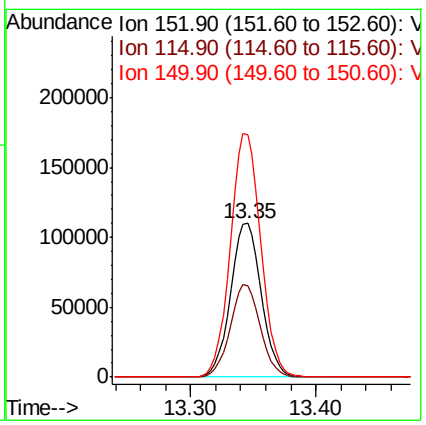


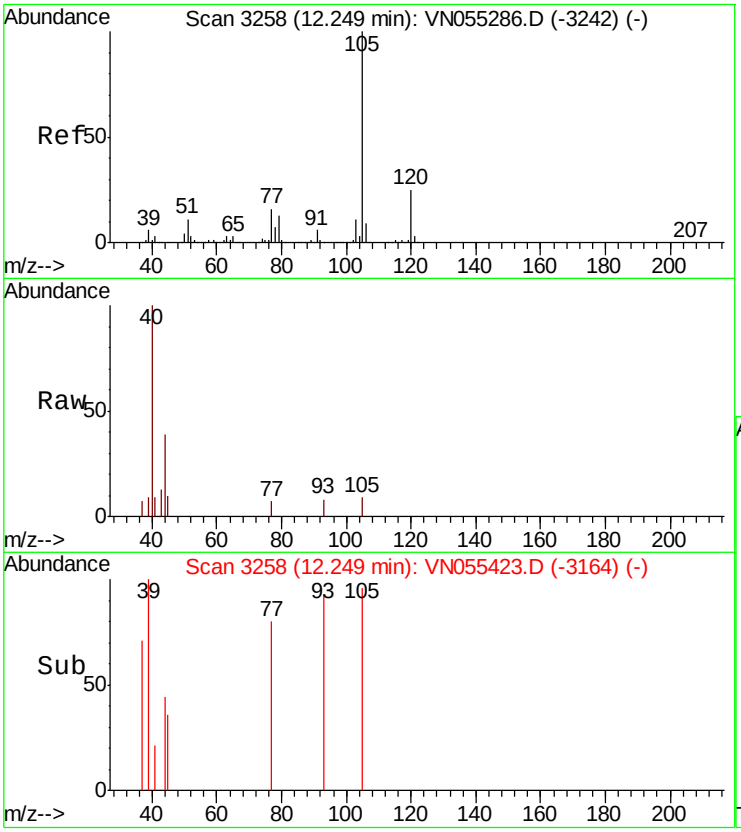


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN055423.D
Acq: 6 May 2019 18:20

Tgt Ion:152 Resp: 187263

Ion	Ratio	Lower	Upper
152	100		
115	58.6	29.0	87.0
150	156.5	0.0	345.6



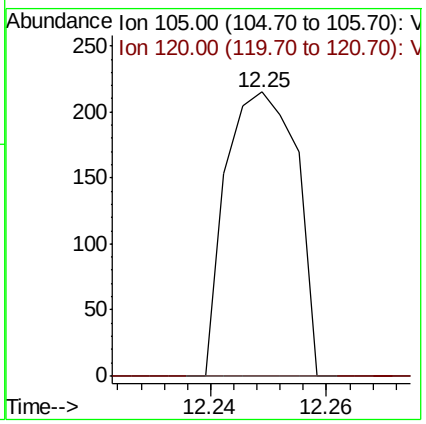


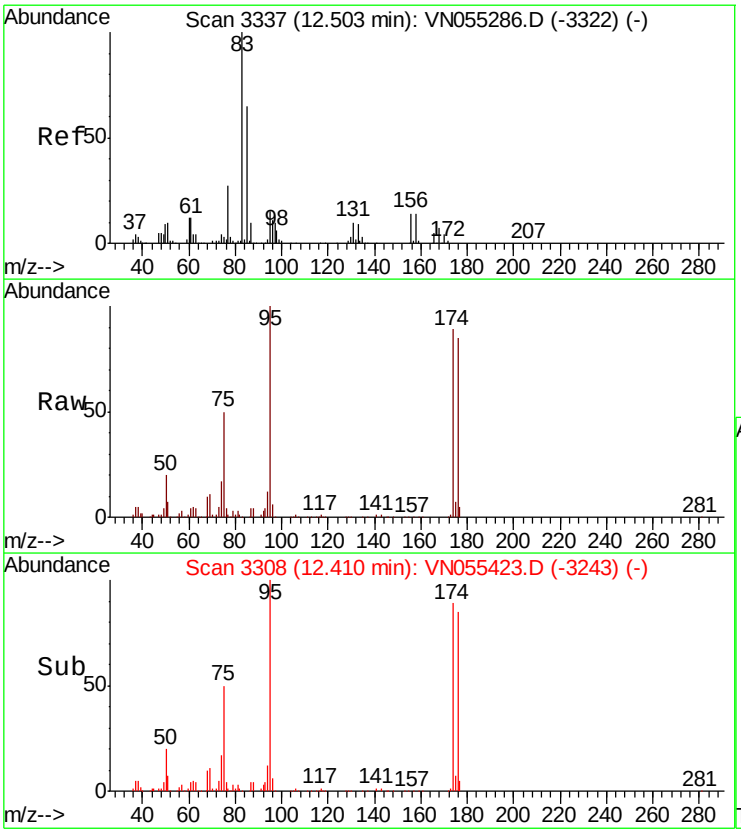
#73
Isopropylbenzene
Concen: Below Cal
RT: 12.25 min Scan# 3258
Delta R.T. 0.00 min
Lab File: VN055423.D
Acq: 6 May 2019 18:20

Instrument :
MSVOA_N
ClientSampleId :
SSSI-0502-S-TCLP-10

Tgt Ion:105 Resp: 181

Ion	Ratio	Lower	Upper
105	100		
120	0.0	12.9	38.7#

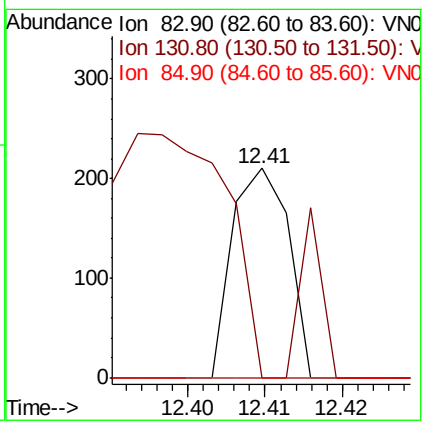


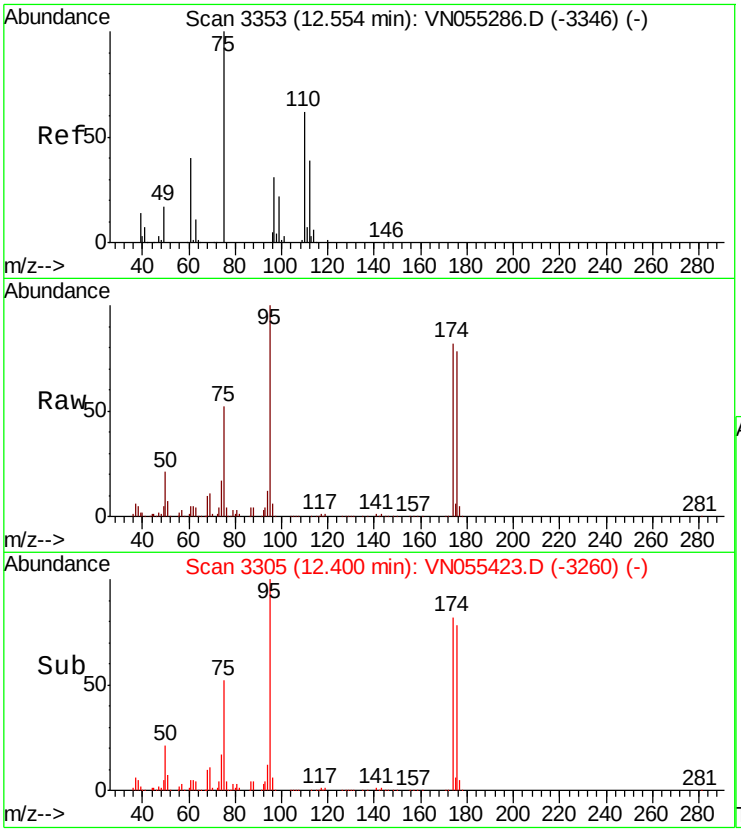


#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.41 min Scan# 3308
Delta R.T. -0.09 min
Lab File: VN055423.D
Acq: 6 May 2019 18:20

Tgt Ion: 83 Resp: 107

Ion	Ratio	Lower	Upper
83	100		
131	30.8	5.1	15.2#
85	0.0	32.3	96.8#



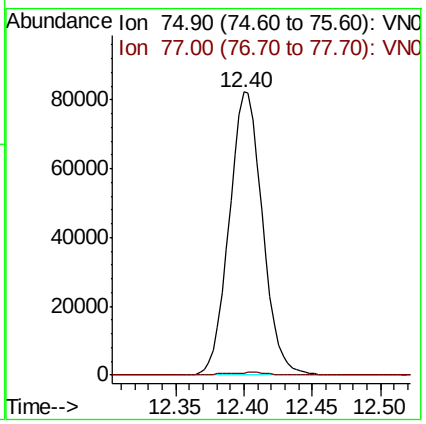


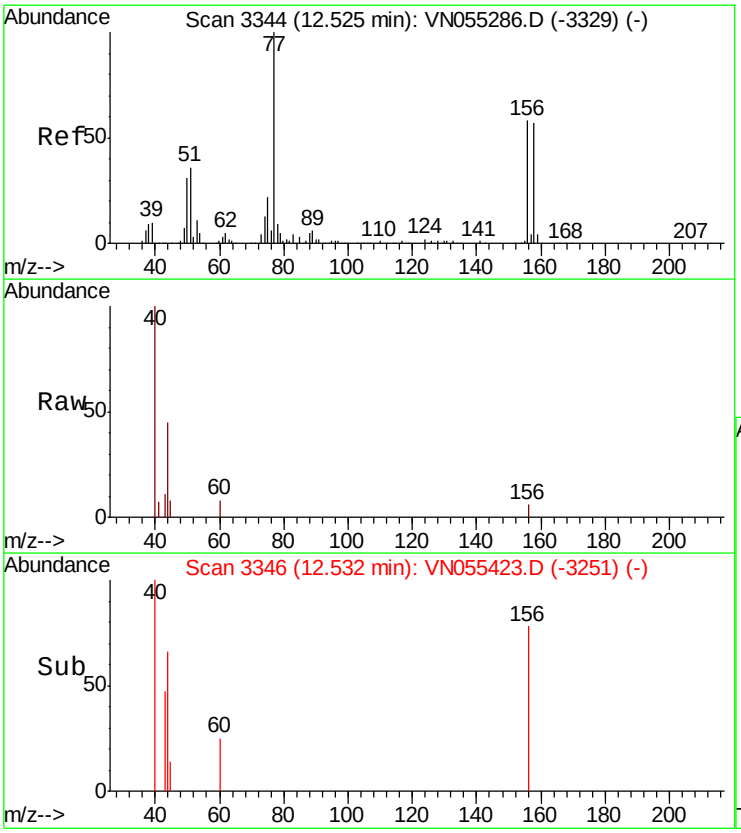
#76
1,2,3-Trichloropropane
Concen: 39.548 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN055423.D
Acq: 6 May 2019 18:20

Instrument :
MSVOA_N
ClientSampleId :
SSSI-0502-S-TCLP-10

Tgt Ion: 75 Resp: 139488

Ion	Ratio	Lower	Upper
75	100		
77	0.5	0.0	0.0#

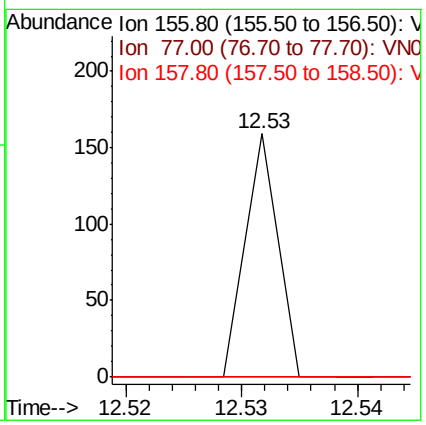


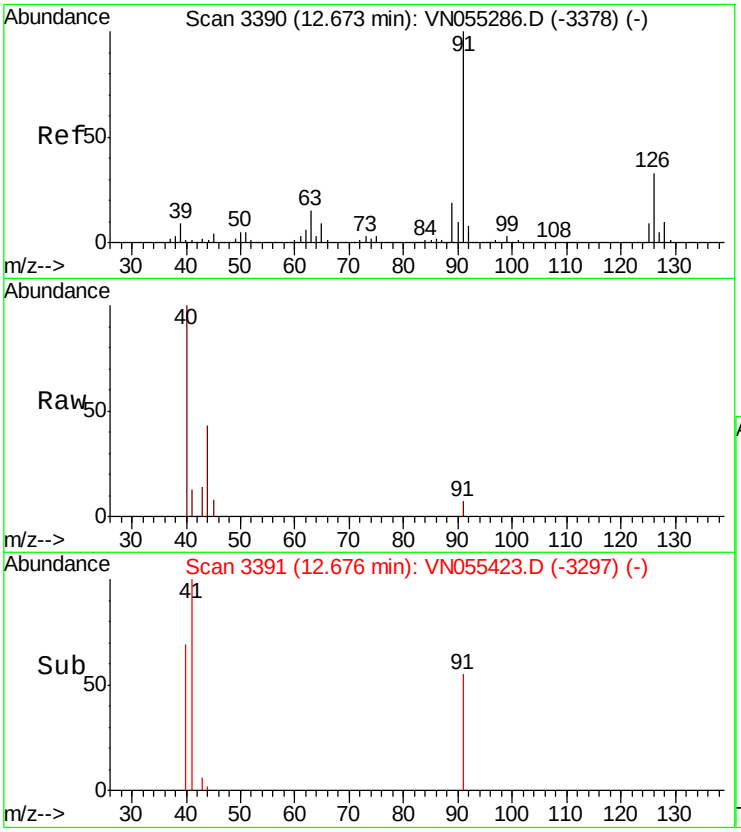


#77
Bromobenzene
Concen: Below Cal
RT: 12.53 min Scan# 3346
Delta R.T. 0.01 min
Lab File: VN055423.D
Acq: 6 May 2019 18:20

Tgt Ion:156 Resp: 31

Ion	Ratio	Lower	Upper
156	100		
77	0.0	99.6	298.8#
158	0.0	49.3	147.8#



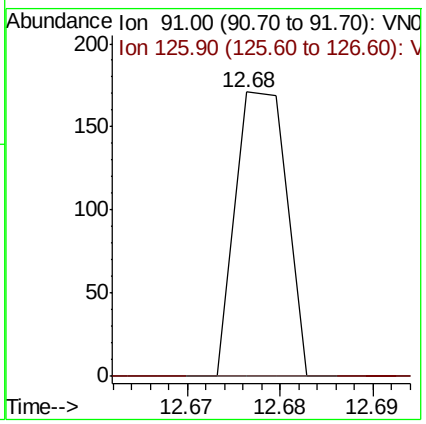


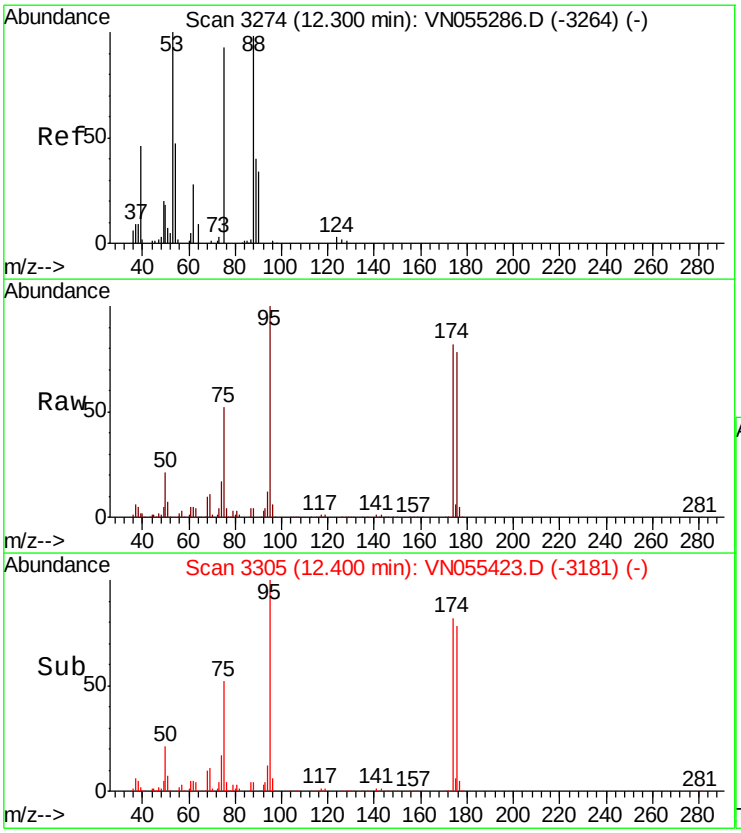
#79
2-Chlorotoluene
Concen: Below Cal
RT: 12.68 min Scan# 3391
Delta R.T. 0.00 min
Lab File: VN055423.D
Acq: 6 May 2019 18:20

Instrument :
MSVOA_N
ClientSampleId :
SSSI-0502-S-TCLP-10

Tgt Ion: 91 Resp: 66

Ion	Ratio	Lower	Upper
91	100		
126	0.0	16.6	49.7#

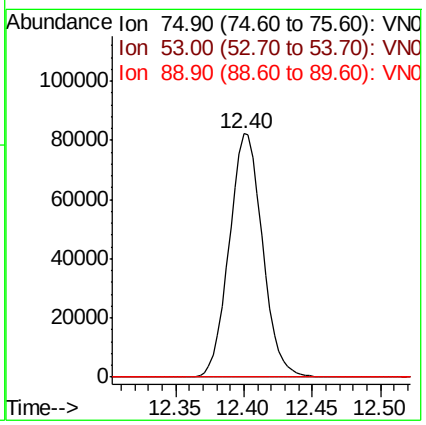


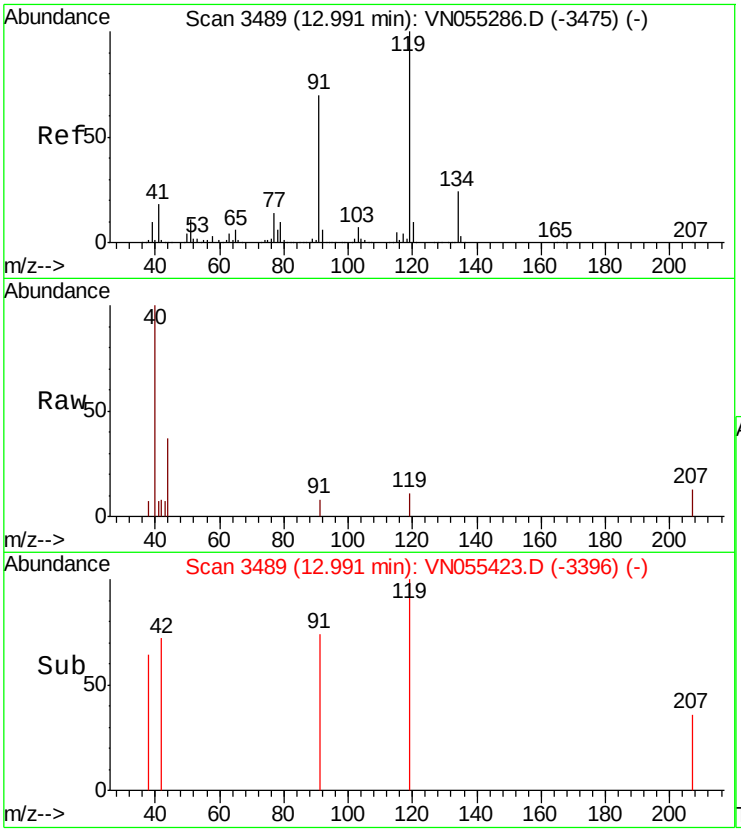


#81
trans-1,4-Dichloro-2-butene
Concen: 141.159 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN055423.D
Acq: 6 May 2019 18:20

Tgt Ion: 75 Resp: 139488

Ion	Ratio	Lower	Upper
75	100		
53	0.0	86.3	129.5#
89	0.0	34.6	51.8#



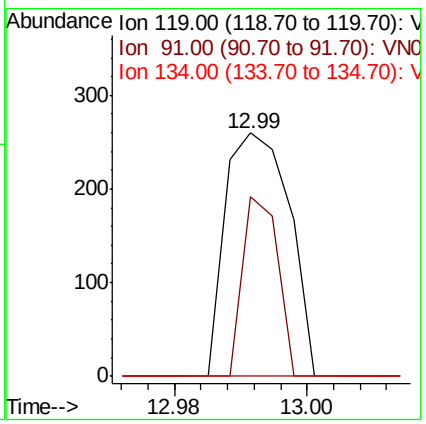


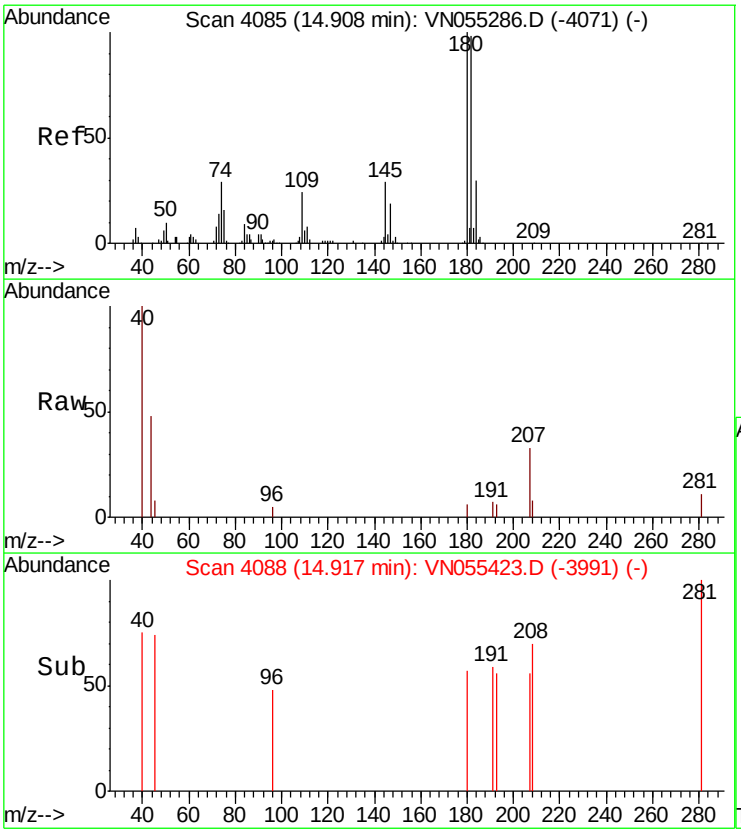
#83
tert-Butylbenzene
Concen: Below Cal
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN055423.D
Acq: 6 May 2019 18:20

Instrument :
MSVOA_N
ClientSampleId :
SSSI-0502-S-TCLP-10

Tgt Ion:119 Resp: 174

Ion	Ratio	Lower	Upper
119	100		
91	40.2	34.3	102.9
134	0.0	13.1	39.3#

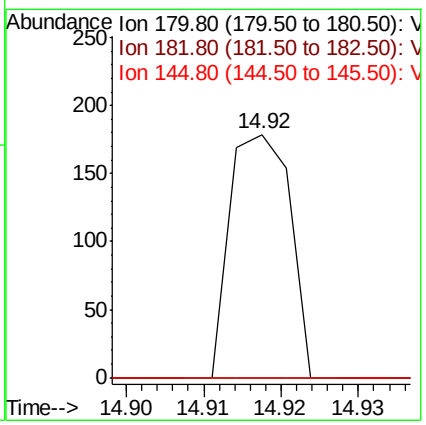


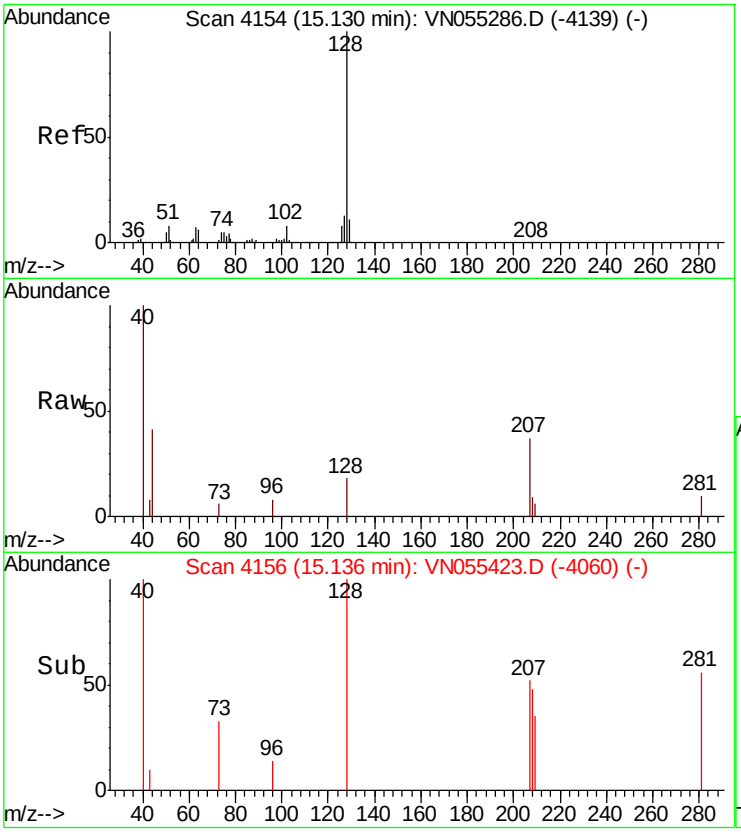


#93
1,2,4-Trichlorobenzene
Concen: 3.348 ug/l
RT: 14.92 min Scan# 4088
Delta R.T. 0.01 min
Lab File: VN055423.D
Acq: 6 May 2019 18:20

Tgt Ion:180 Resp: 97

Ion	Ratio	Lower	Upper
180	100		
182	0.0	48.3	144.9#
145	0.0	14.2	42.6#



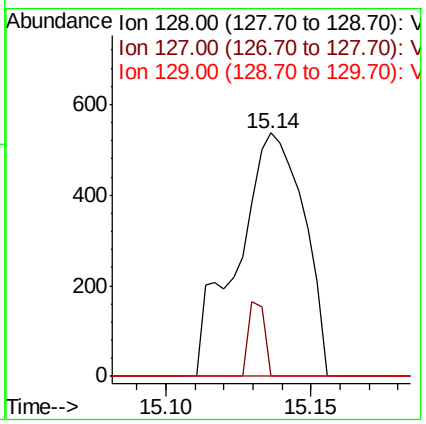


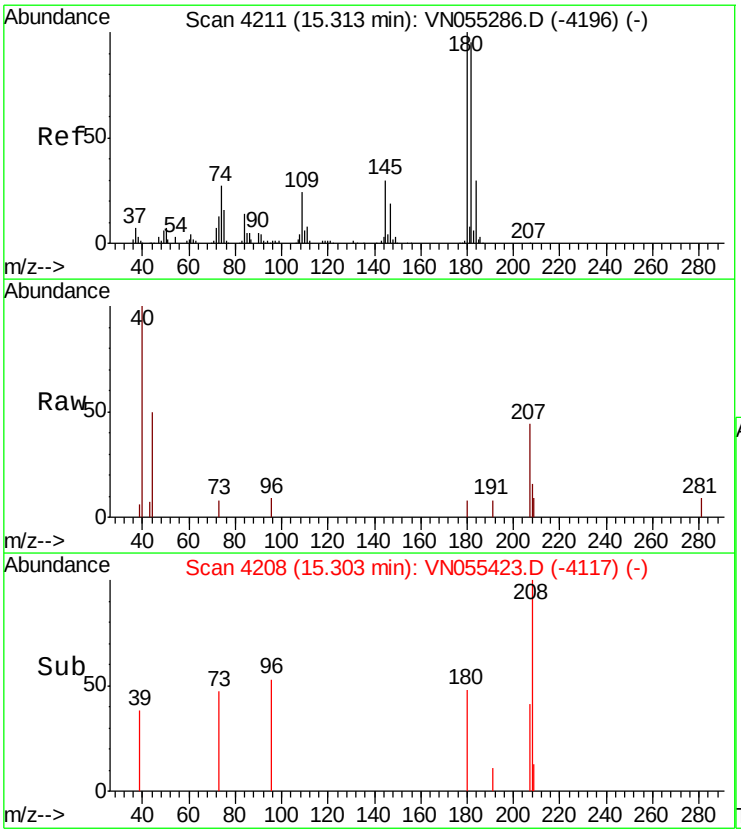
#95
Naphthalene
Concen: 3.481 ug/l
RT: 15.14 min Scan# 4156
Delta R.T. 0.01 min
Lab File: VN055423.D
Acq: 6 May 2019 18:20

Instrument :
MSVOA_N
ClientSampleId :
SSSI-0502-S-TCLP-10

Tgt Ion:128 Resp: 853

Ion	Ratio	Lower	Upper
128	100		
127	7.3	10.7	16.1#
129	0.0	8.6	13.0#





#96
1,2,3-Trichlorobenzene
Concen: 2.654 ug/l
RT: 15.30 min Scan# 4208
Delta R.T. -0.01 min
Lab File: VN055423.D
Acq: 6 May 2019 18:20

Tgt Ion:180 Resp: 104

Ion	Ratio	Lower	Upper
180	100		
182	111.5	48.3	144.9
145	0.0	15.2	45.6#