Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031219\
Data File : VN054192.D
Acq On : 13 Mar 2019 4:48
Operator : JC/SP
Sample : K1697-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : SU-03-031119-B

Quant Time: Mar 13 07:36:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 13 03:33:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1482178	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2425465	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2487767	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	1090180	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	794374	50.47	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.94%			
35) Dibromofluoromethane	7.59	113	750460	47.97	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.94%			
50) Toluene-d8	10.09	98	2990562	51.76	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.52%			
62) 4-Bromofluorobenzene	12.40	95	1133848	56.09	ug/l	0.00
Spiked Amount 50.000			Recovery = 112.18%			
Target Compounds						Qvalue
10) Methyl Iodide	3.94	142	31	1.498	ug/l #	1
13) Acrolein	3.61	56	445	0.435	ug/l #	14
16) Acetone	3.82	43	25187	5.588	ug/l	96
18) Methyl Acetate	4.33	43	3052	0.335	ug/l #	88
20) Methylene Chloride	4.54	84	362596	24.502	ug/l	98
25) 2-Butanone	6.86	43	2687	0.508	ug/l	96
29) Tetrahydrofuran	7.23	42	1469	0.432	ug/l #	77
30) Chloroform	7.37	83	6286	0.238	ug/l	99
31) Cyclohexane	7.66	56	22601	Below Cal	#	1
36) 1,1-Dichloropropene	7.66	75	84465	3.781	ug/l #	48
38) Carbon Tetrachloride	7.66	117	119939	5.120	ug/l #	16
43) Isopropyl Acetate	8.17	43	48368	2.147	ug/l	95
45) 1,2-Dichloropropane	9.27	63	4158	0.262	ug/l #	43
48) Methyl methacrylate	9.18	41	17408	1.523	ug/l #	11
49) 1,4-Dioxane	9.28	88	659	4.075	ug/l #	1
51) 4-Methyl-2-Pentanone	10.03	43	15340	1.287	ug/l #	36
53) t-1,3-Dichloropropene	10.39	75	269	1.996	ug/l #	3
54) cis-1,3-Dichloropropene	9.90	75	151677	6.054	ug/l #	60
57) 1,3-Dichloropropane	10.77	76	28454	1.176	ug/l #	44
58) 2-Chloroethyl Vinyl ether	9.66	63	33	16.832	ug/l #	44
59) 2-Hexanone	10.77	43	375603	47.349	ug/l #	49
71) Bromoform	12.40	173	6818	2.780	ug/l #	1
74) N-amyl acetate	11.88	43	37890	1.957	ug/l #	53
76) 1,2,3-Trichloropropane	12.40	75	549955	34.304	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	19456	0.268	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.40	75	549955	117.268	ug/l #	11
84) 1,2,4-Trimethylbenzene	13.04	105	17035	0.239	ug/l	98
93) 1,2,4-Trichlorobenzene	14.91	180	1175	2.565	ug/l #	76
95) Naphthalene	15.13	128	24795	3.952	ug/l	100

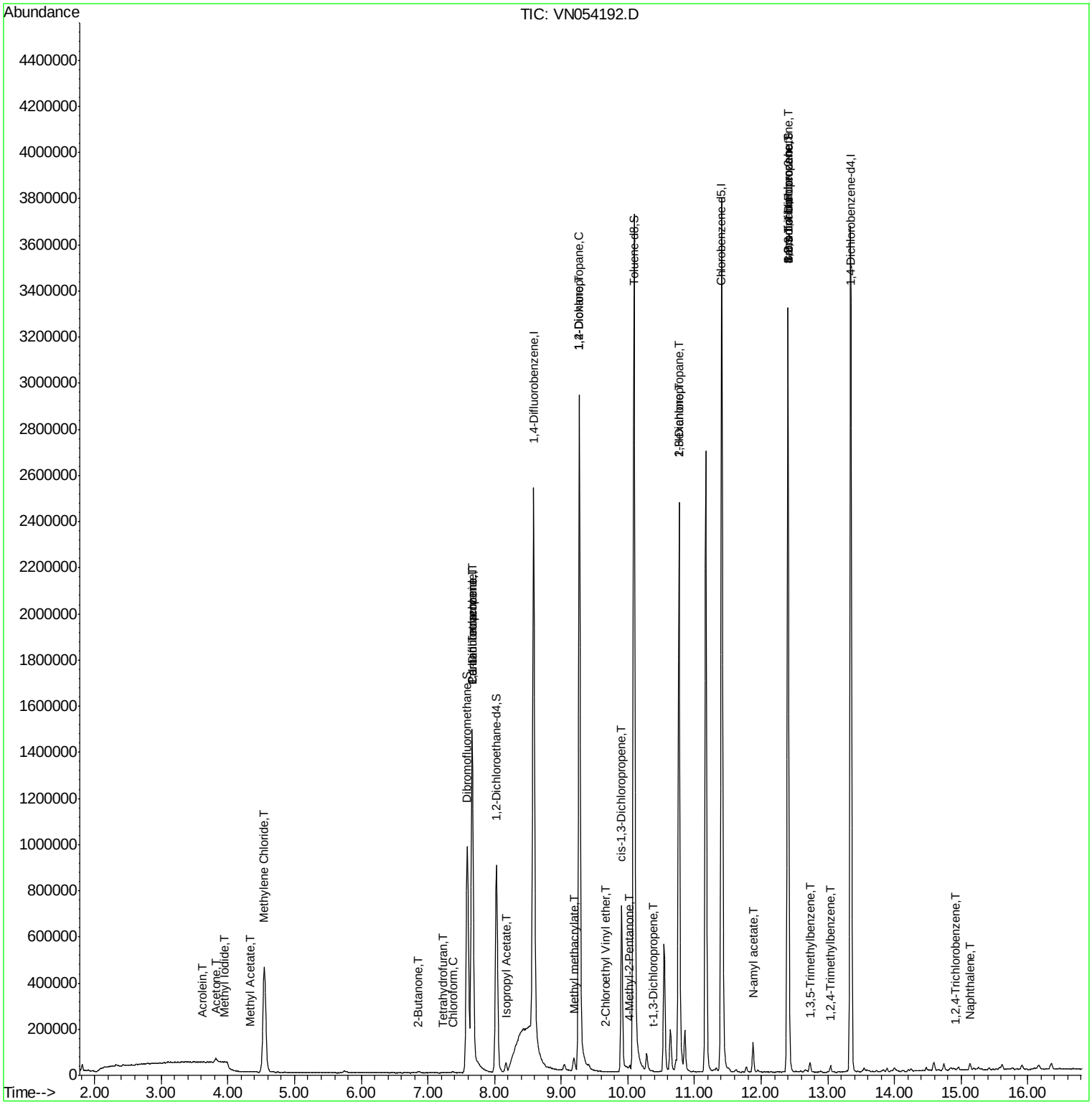
(#) = qualifier out of range (m) = manual integration (+) = signals summed

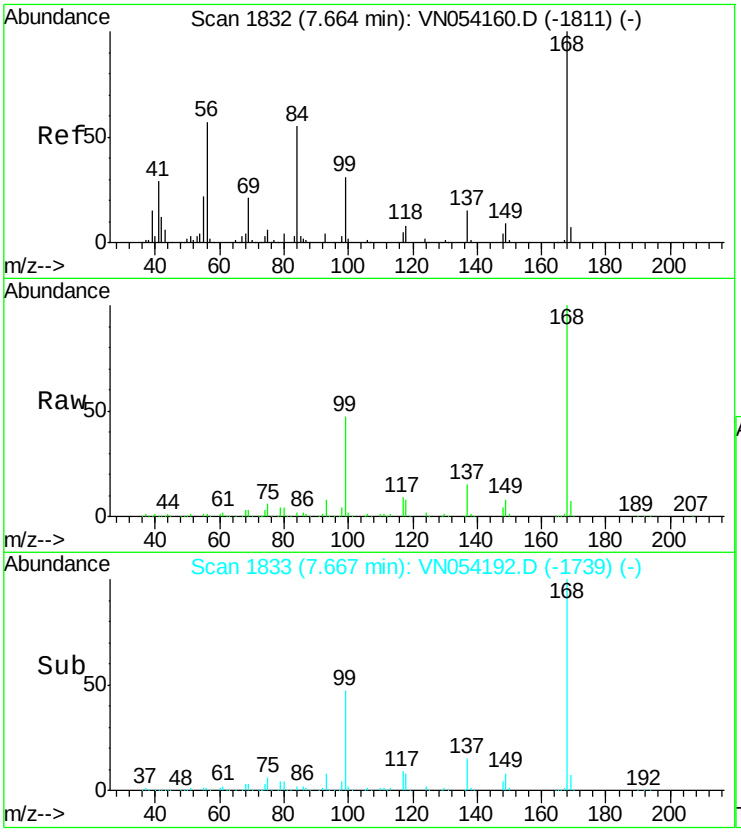
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031219\
Data File : VN054192.D
Acq On : 13 Mar 2019 4:48
Operator : JC/SP
Sample : K1697-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : SU-03-031119-B

Quant Time: Mar 13 07:36:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 13 03:33:31 2019
Response via : Initial Calibration



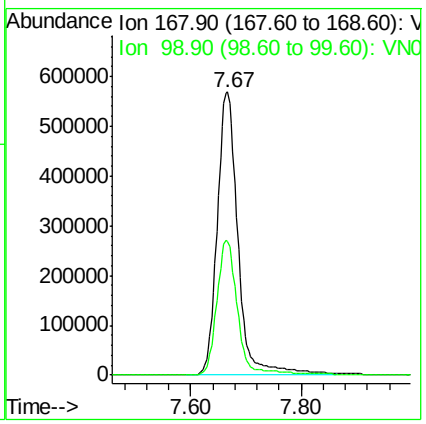


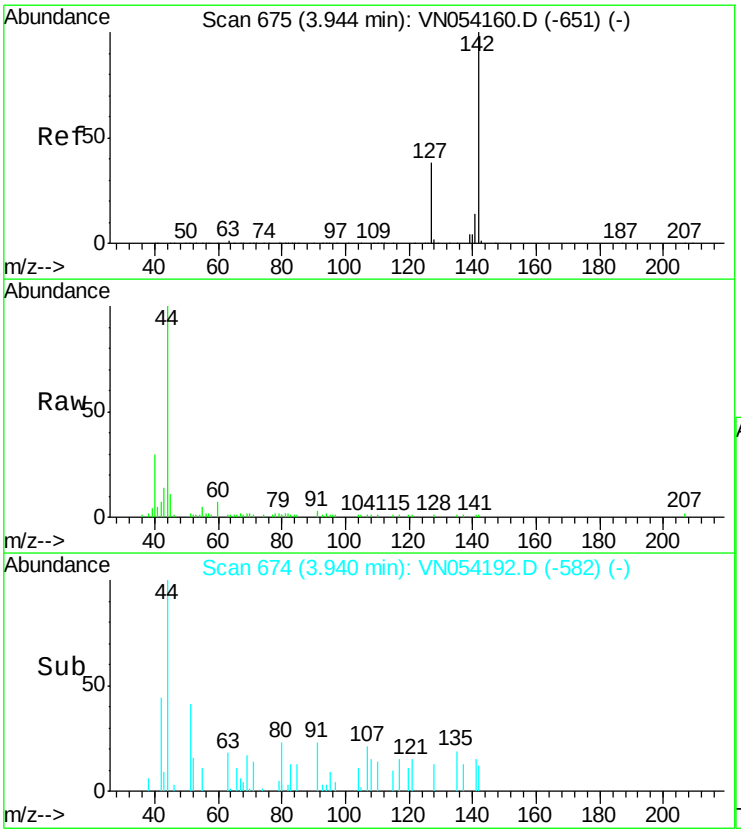
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VN054192.D
Acq: 13 Mar 2019 4:48

Instrument :
MSVOA_N
ClientSampleId :
SU-03-031119-B

Tgt Ion:168 Resp: 1482178

Ion	Ratio	Lower	Upper
168	100		
99	47.4	37.1	55.7

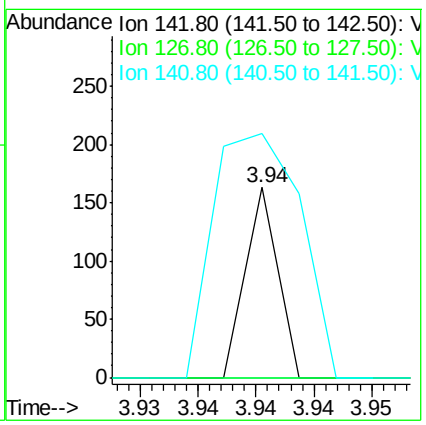


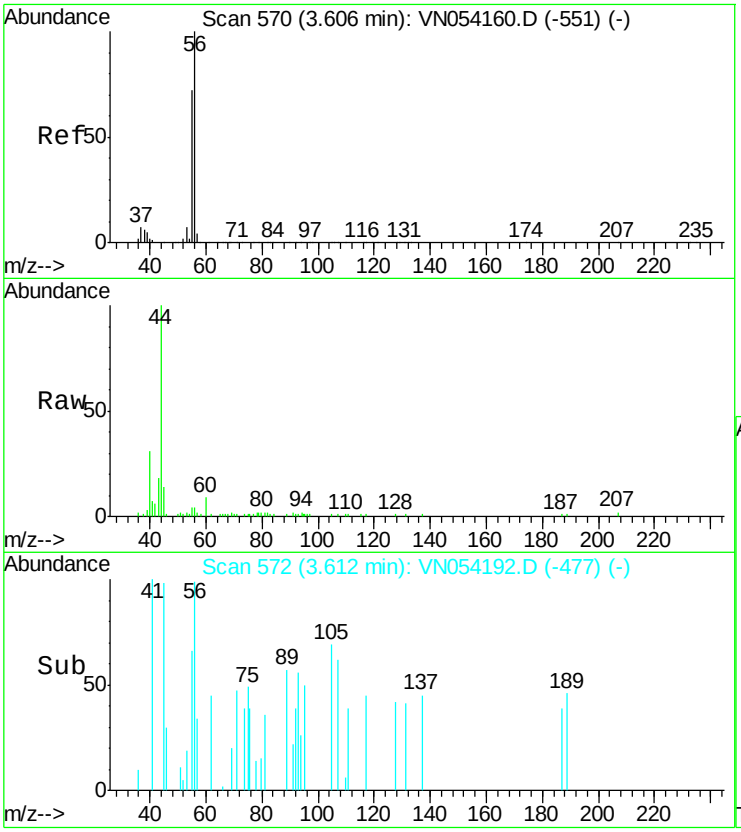


#10
Methyl Iodide
Concen: 1.498 ug/l
RT: 3.94 min Scan# 674
Delta R.T. -0.00 min
Lab File: VN054192.D
Acq: 13 Mar 2019 4:48

Tgt Ion:142 Resp: 31

Ion	Ratio	Lower	Upper
142	100		
127	0.0	30.3	45.5#
141	351.6	11.2	16.8#



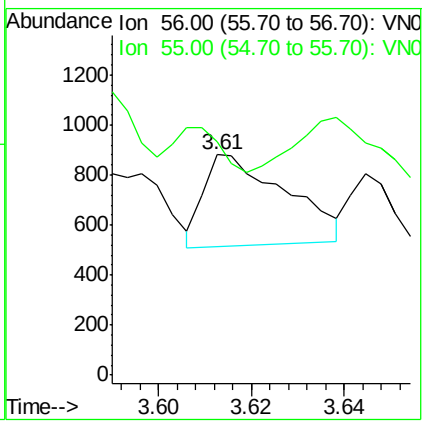


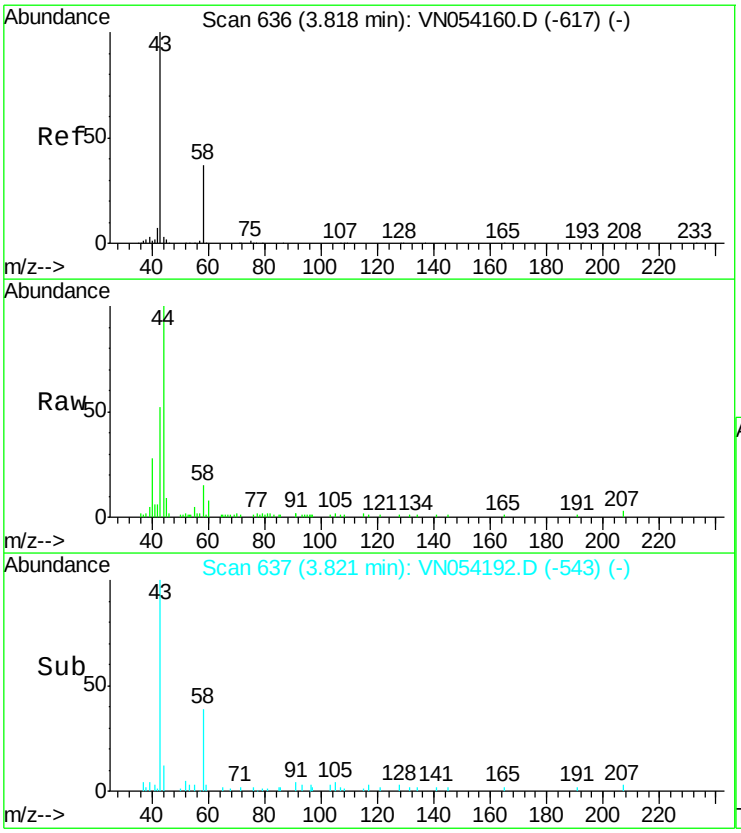
#13
Acrolein
Concen: 0.435 ug/l
RT: 3.61 min Scan# 572
Delta R.T. 0.01 min
Lab File: VN054192.D
Acq: 13 Mar 2019 4:48

Instrument :
MSVOA_N
ClientSampleId :
SU-03-031119-B

Tgt Ion: 56 Resp: 445

Ion	Ratio	Lower	Upper
56	100		
55	0.0	56.7	85.1#

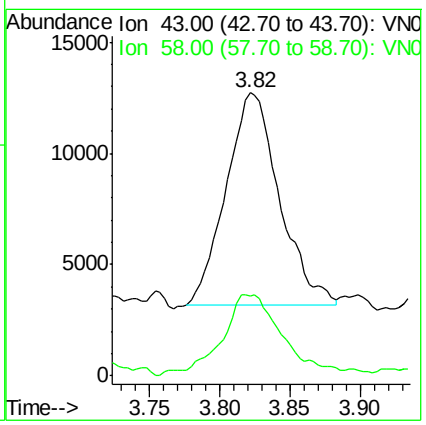


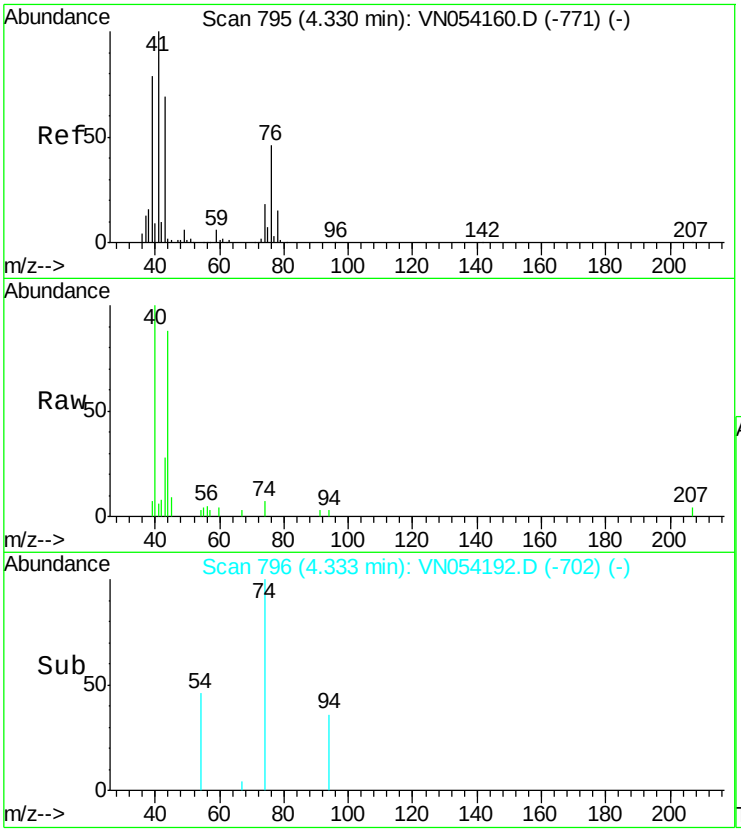


#16
Acetone
Concen: 5.588 ug/l
RT: 3.82 min Scan# 637
Delta R.T. 0.00 min
Lab File: VN054192.D
Acq: 13 Mar 2019 4:48

Tgt Ion: 43 Resp: 25187

Ion	Ratio	Lower	Upper
43	100		
58	35.0	29.9	44.9



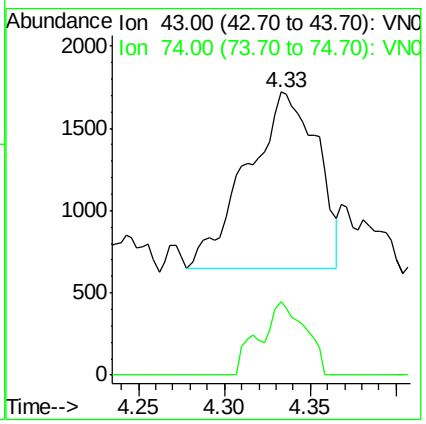


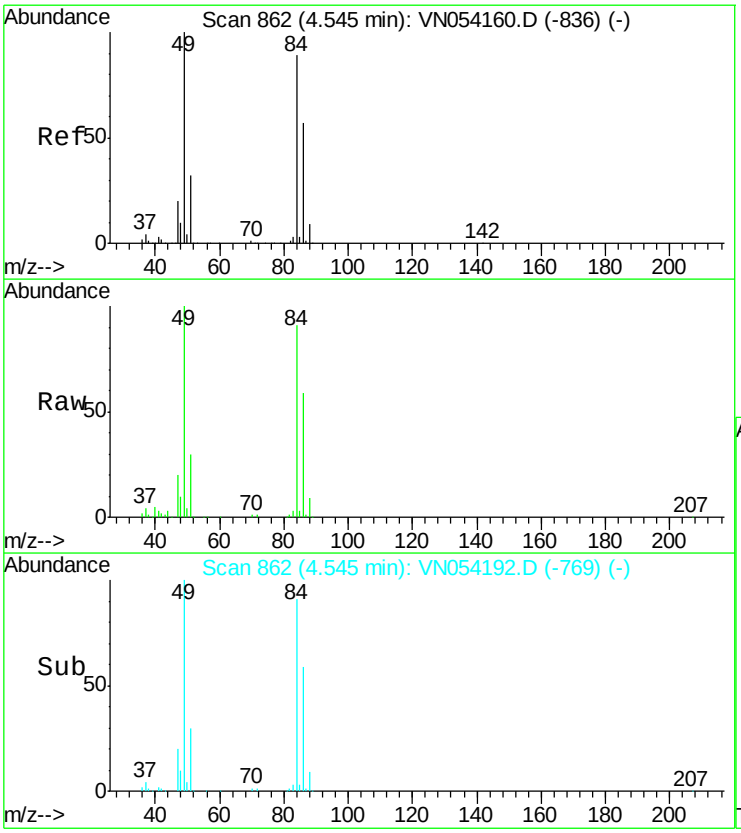
#18
Methyl Acetate
Concen: 0.335 ug/l
RT: 4.33 min Scan# 796
Delta R.T. 0.00 min
Lab File: VN054192.D
Acq: 13 Mar 2019 4:48

Instrument :
MSVOA_N
ClientSampleId :
SU-03-031119-B

Tgt Ion: 43 Resp: 3052

Ion	Ratio	Lower	Upper
43	100		
74	20.1	20.8	31.2#

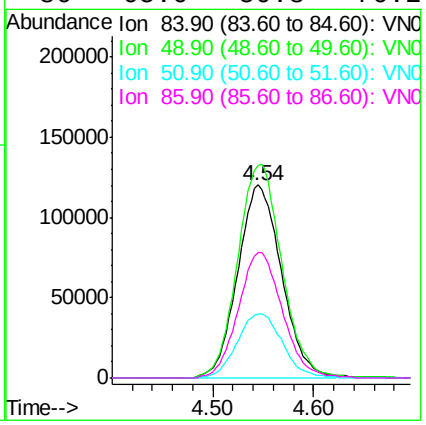


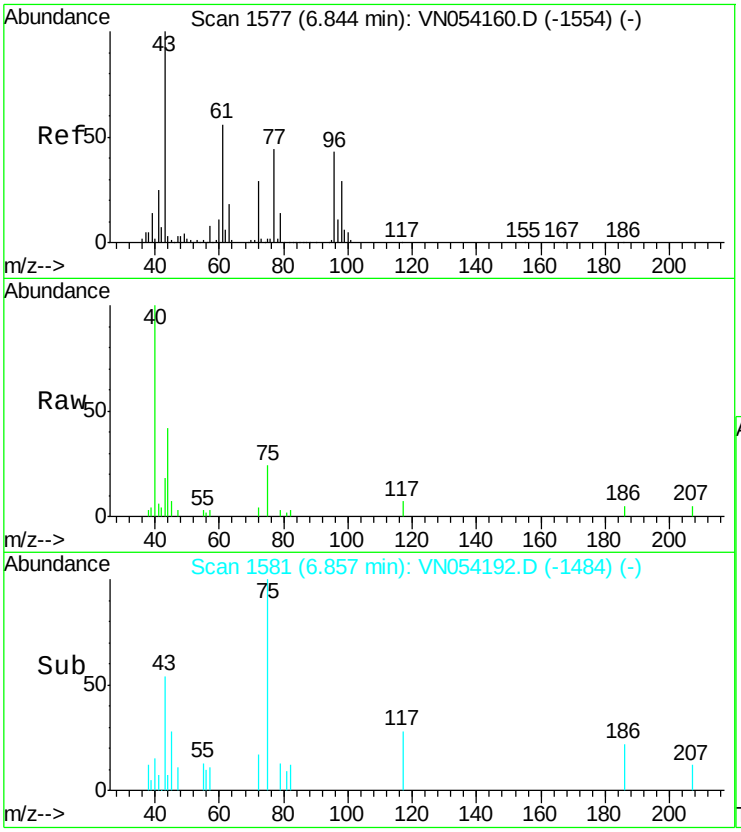


#20
Methylene Chloride
Concen: 24.502 ug/l
RT: 4.54 min Scan# 862
Delta R.T. 0.00 min
Lab File: VN054192.D
Acq: 13 Mar 2019 4:48

Tgt Ion: 84 Resp: 362596

Ion	Ratio	Lower	Upper
84	100		
49	110.4	89.7	134.5
51	33.0	28.2	42.4
86	65.0	50.8	76.2



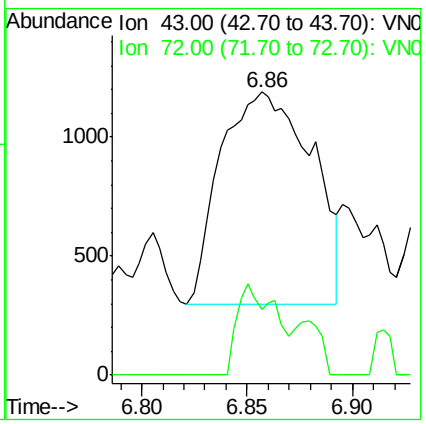


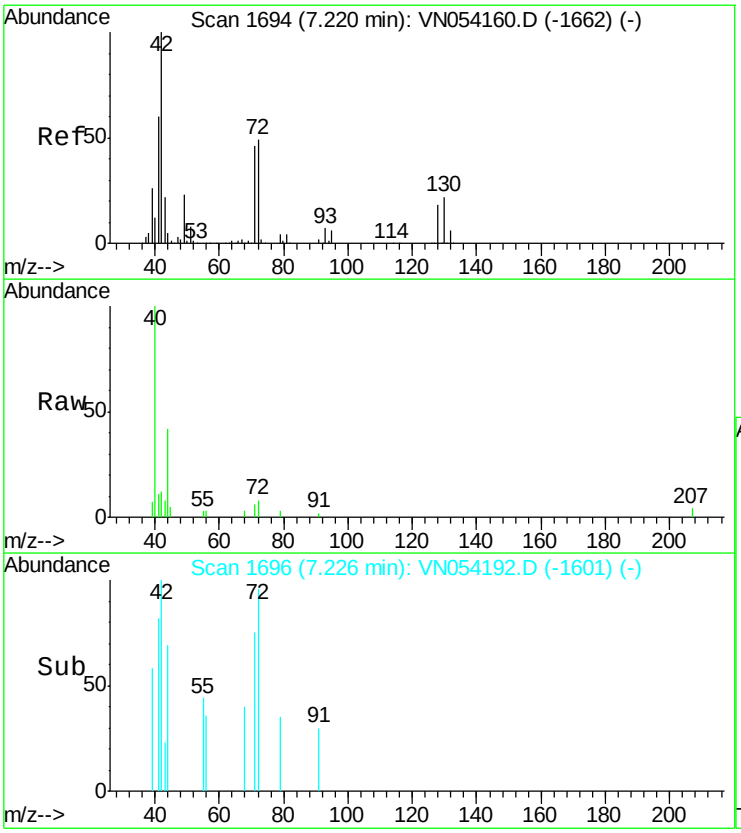
#25
2-Butanone
Concen: 0.508 ug/l
RT: 6.86 min Scan# 1581
Delta R.T. 0.01 min
Lab File: VN054192.D
Acq: 13 Mar 2019 4:48

Instrument : MSVOA_N
ClientSampleId : SU-03-031119-B

Tgt Ion: 43 Resp: 2687

Ion	Ratio	Lower	Upper
43	100		
72	30.9	23.0	34.6

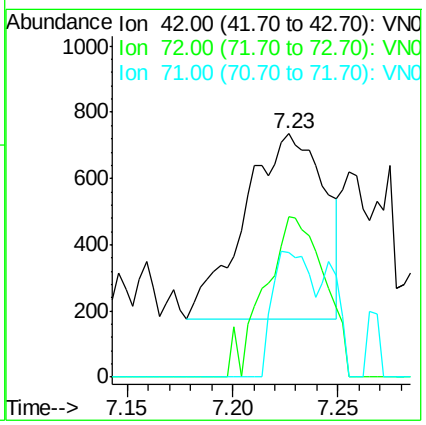


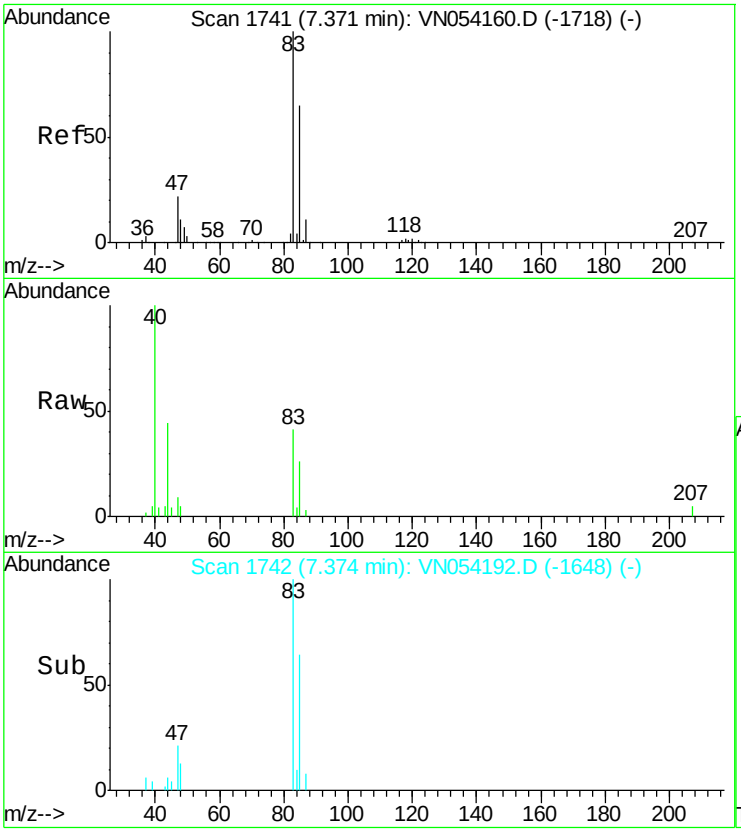


#29
Tetrahydrofuran
Concen: 0.432 ug/l
RT: 7.23 min Scan# 1696
Delta R.T. 0.01 min
Lab File: VN054192.D
Acq: 13 Mar 2019 4:48

Tgt Ion: 42 Resp: 1469

Ion	Ratio	Lower	Upper
42	100		
72	65.2	37.8	56.6#
71	33.1	36.2	54.2#



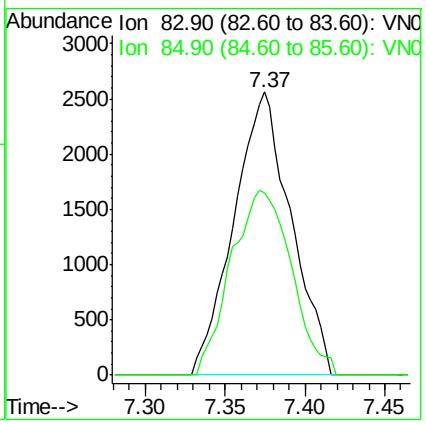


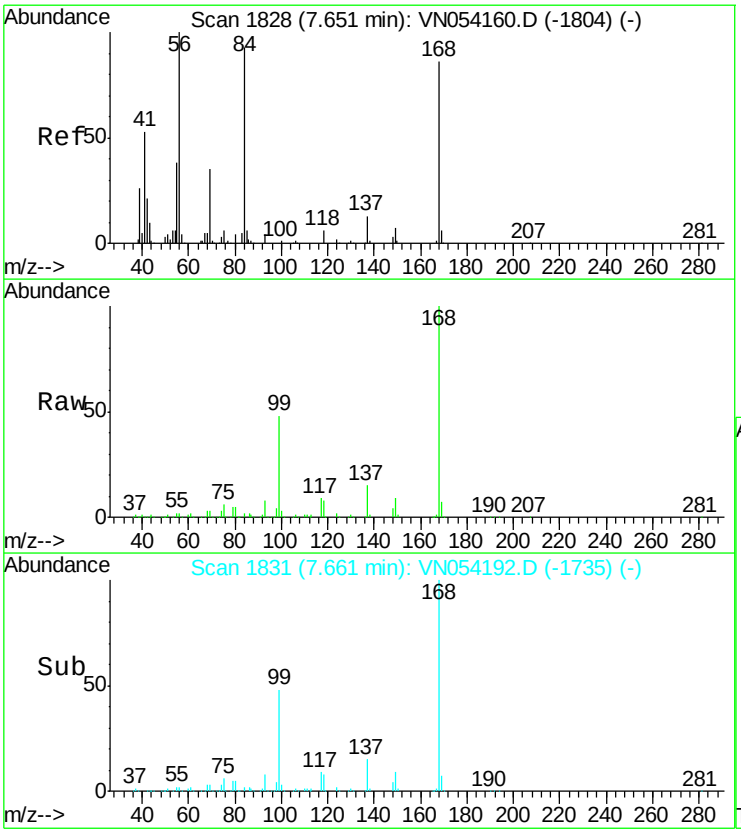
#30
Chloroform
Concen: 0.238 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN054192.D
Acq: 13 Mar 2019 4:48

Instrument :
MSVOA_N
ClientSampleId :
SU-03-031119-B

Tgt Ion: 83 Resp: 6286

Ion	Ratio	Lower	Upper
83	100		
85	64.4	52.2	78.4

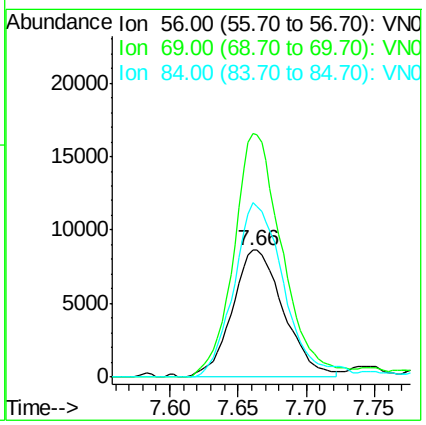


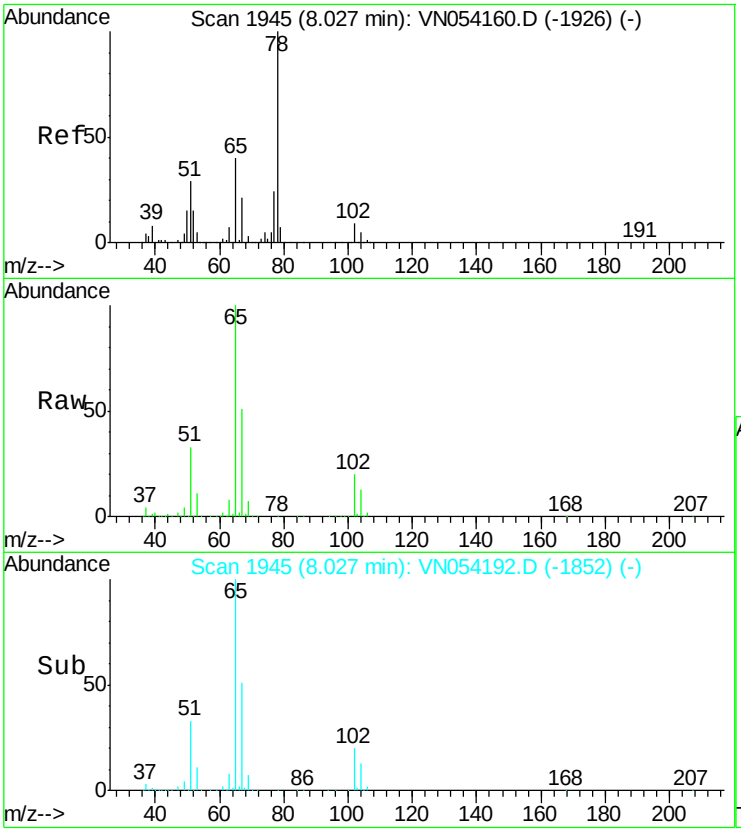


#31
Cyclohexane
Concen: Below Cal
RT: 7.66 min Scan# 1831
Delta R.T. 0.01 min
Lab File: VN054192.D
Acq: 13 Mar 2019 4:48

Tgt Ion: 56 Resp: 22601

Ion	Ratio	Lower	Upper
56	100		
69	191.9	27.8	41.6#
84	137.3	74.6	111.8#



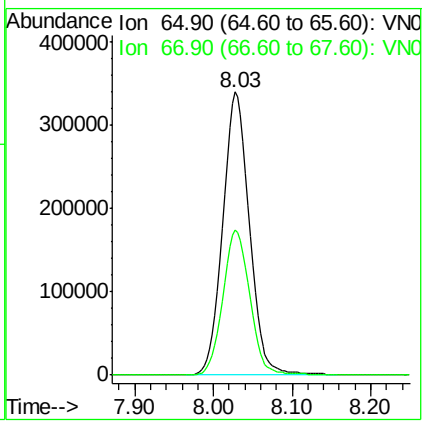


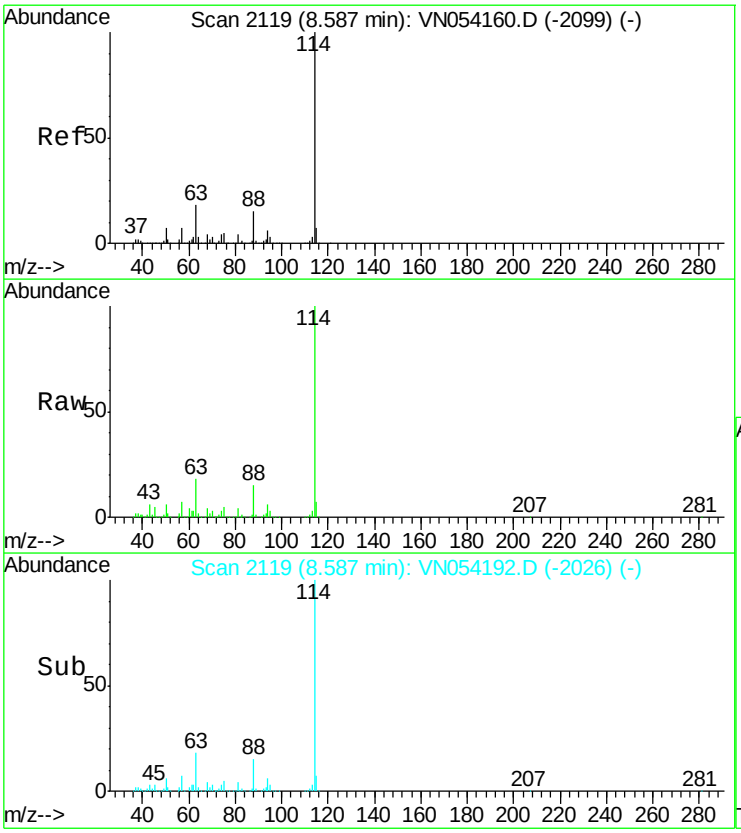
#33
1,2-Dichloroethane-d4
Concen: 50.466 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN054192.D
Acq: 13 Mar 2019 4:48

Instrument :
MSVOA_N
ClientSampleId :
SU-03-031119-B

Tgt Ion: 65 Resp: 794374

Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	104.6

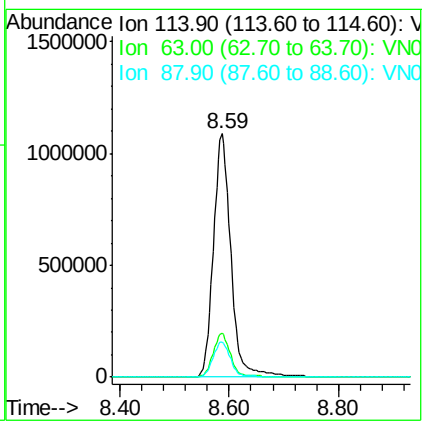


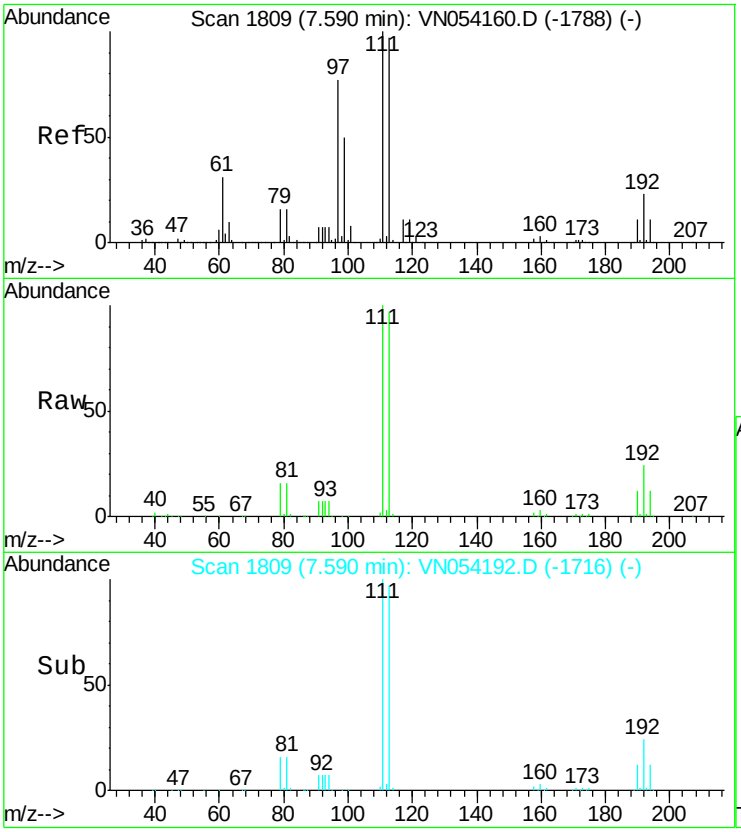


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN054192.D
Acq: 13 Mar 2019 4:48

Tgt Ion:114 Resp: 2425465

Ion	Ratio	Lower	Upper
114	100		
63	18.1	0.0	35.2
88	14.6	0.0	30.2



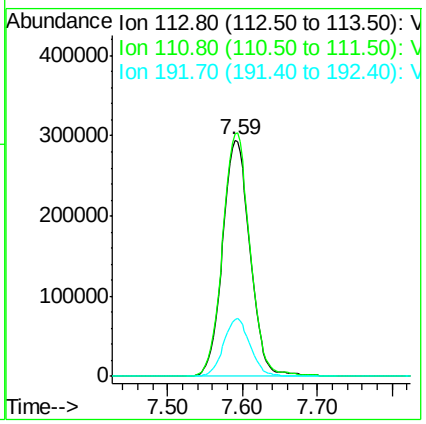


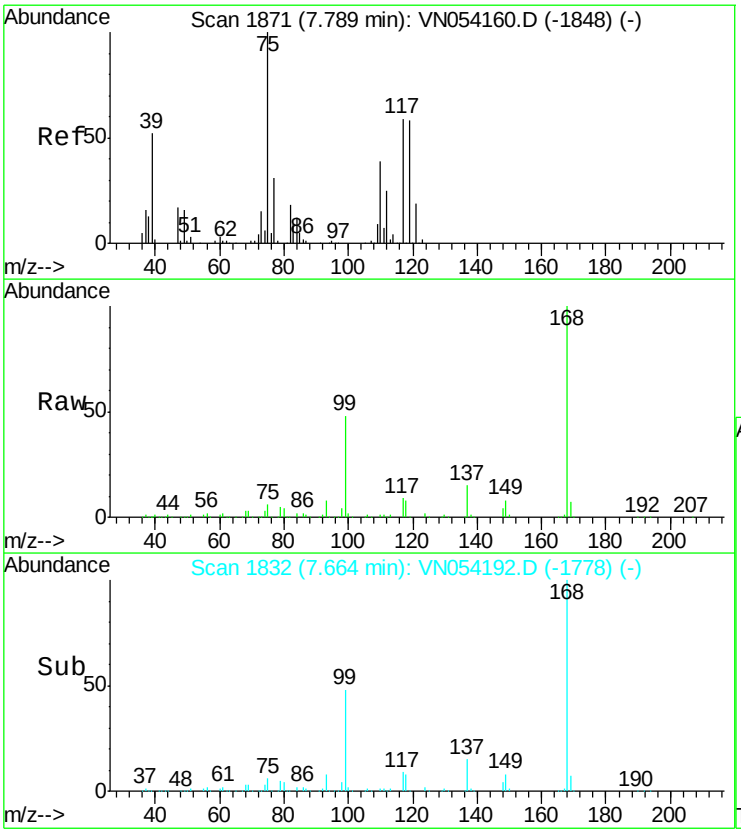
#35
Dibromofluoromethane
Concen: 47.973 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. 0.00 min
Lab File: VN054192.D
Acq: 13 Mar 2019 4:48

Instrument :
MSVOA_N
ClientSampleId :
SU-03-031119-B

Tgt Ion:113 Resp: 750460

Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.2	123.4
192	23.8	19.2	28.8

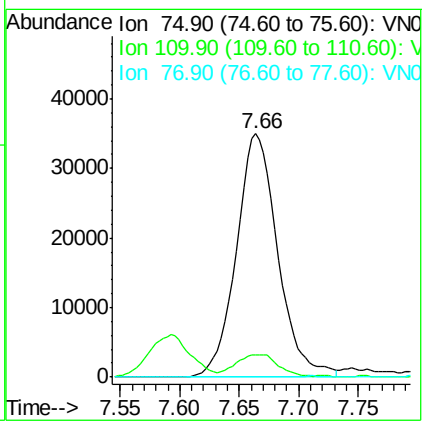


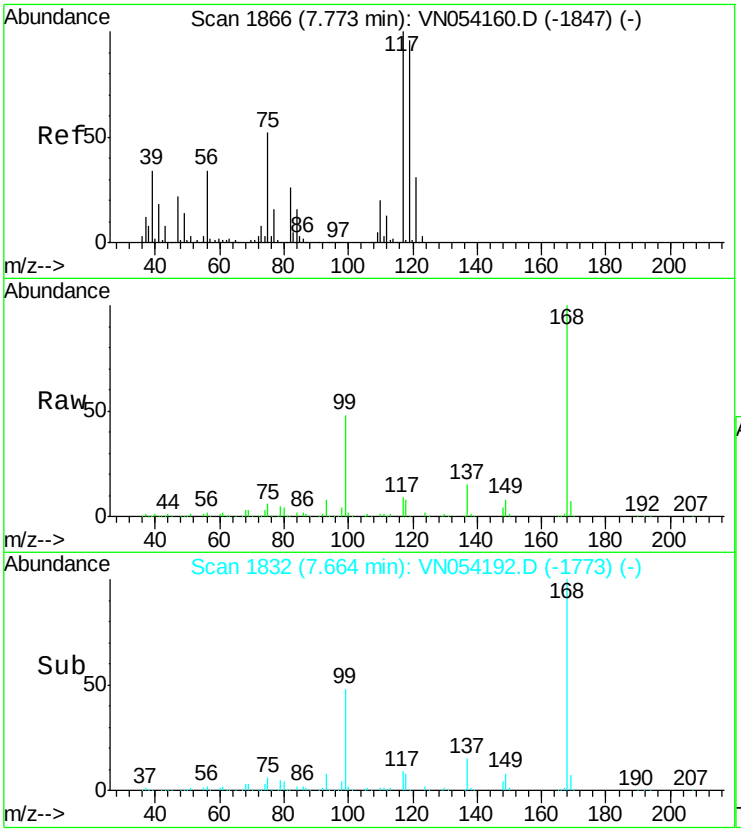


#36
1,1-Dichloropropene
Concen: 3.781 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.13 min
Lab File: VN054192.D
Acq: 13 Mar 2019 4:48

Tgt Ion: 75 Resp: 84465

Ion	Ratio	Lower	Upper
75	100		
110	9.6	19.1	57.5#
77	0.0	25.0	37.4#



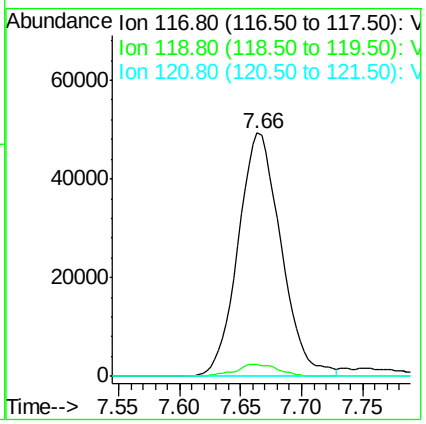


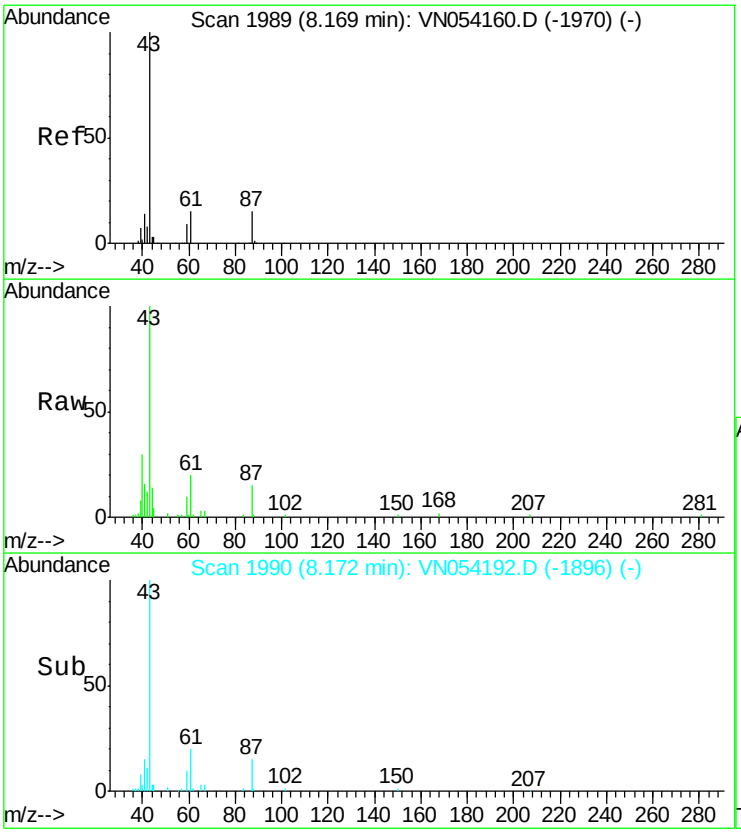
#38
Carbon Tetrachloride
Concen: 5.120 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.11 min
Lab File: VN054192.D
Acq: 13 Mar 2019 4:48

Instrument :
MSVOA_N
ClientSampleId :
SU-03-031119-B

Tgt Ion:117 Resp: 119939

Ion	Ratio	Lower	Upper
117	100		
119	4.8	76.3	114.5#
121	0.0	24.6	36.8#

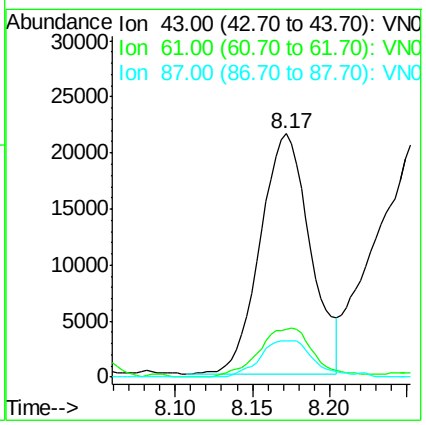


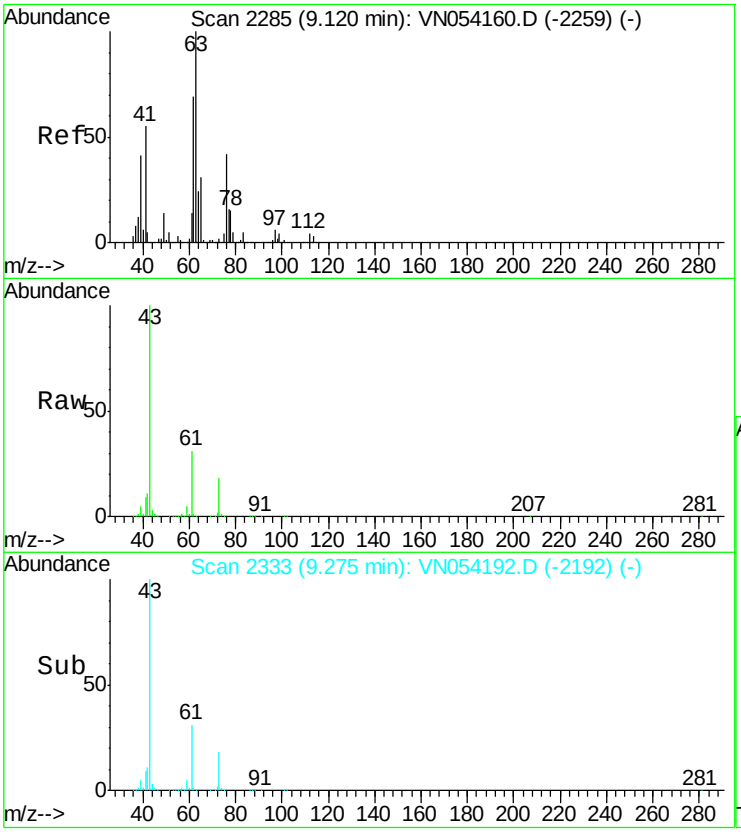


#43
Isopropyl Acetate
Concen: 2.147 ug/l
RT: 8.17 min Scan# 1990
Delta R.T. 0.00 min
Lab File: VN054192.D
Acq: 13 Mar 2019 4:48

Tgt Ion: 43 Resp: 48368

Ion	Ratio	Lower	Upper
43	100		
61	22.7	15.8	23.8
87	16.0	12.0	18.0



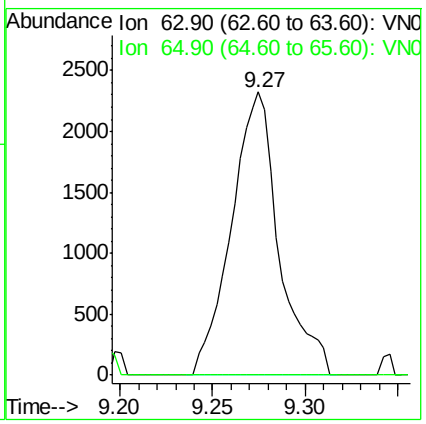


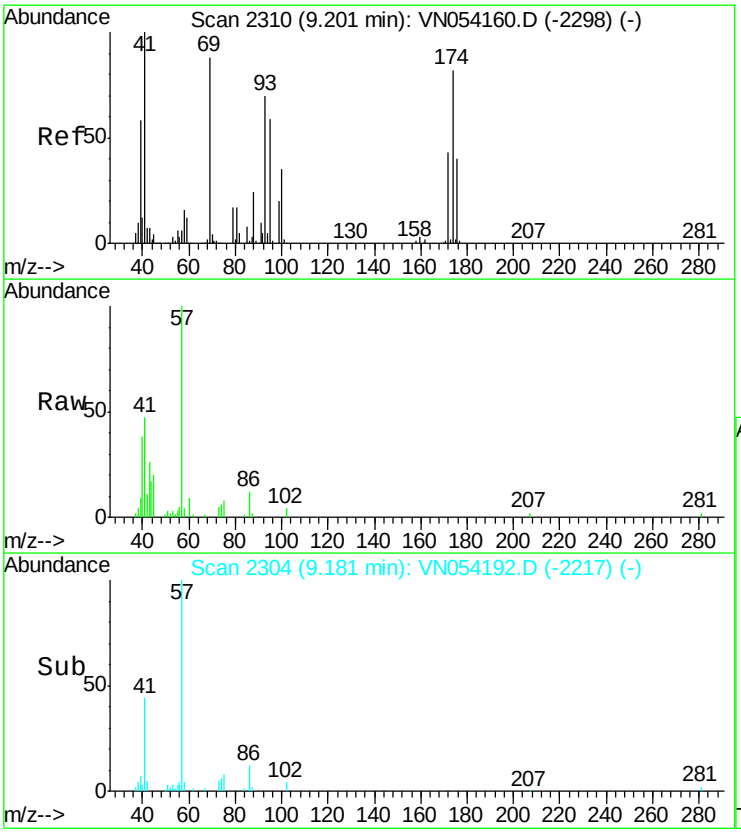
#45
1,2-Dichloropropane
Concen: 0.262 ug/l
RT: 9.27 min Scan# 2333
Delta R.T. 0.15 min
Lab File: VN054192.D
Acq: 13 Mar 2019 4:48

Instrument : MSVOA_N
ClientSampleId : SU-03-031119-B

Tgt Ion: 63 Resp: 4158

Ion	Ratio	Lower	Upper
63	100		
65	0.0	25.0	37.6#

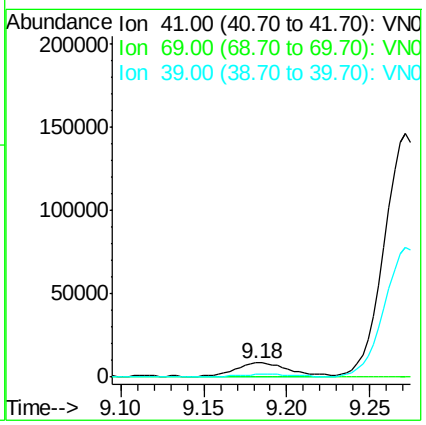


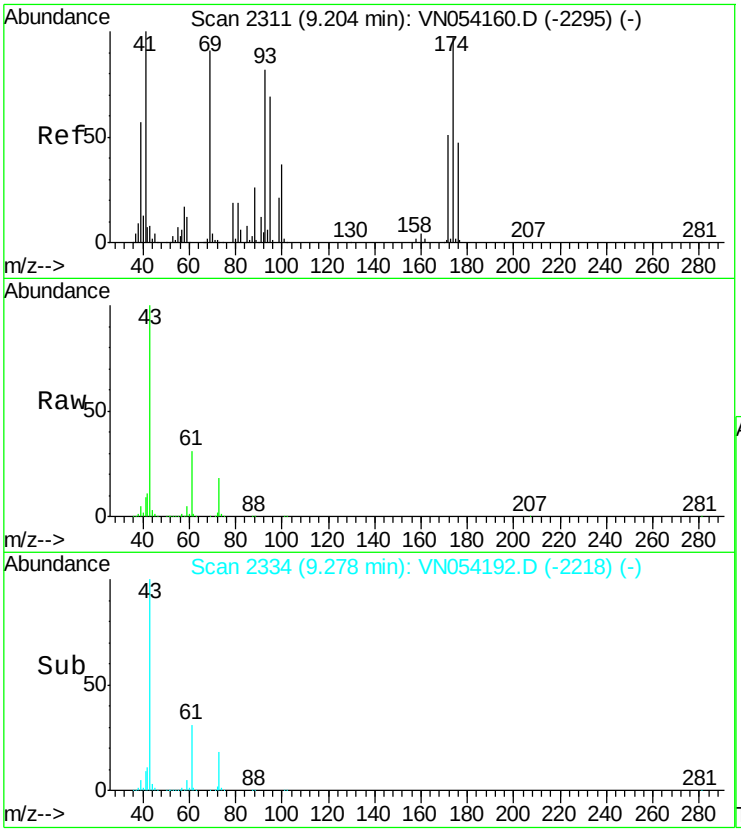


#48
Methyl methacrylate
Concen: 1.523 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.02 min
Lab File: VN054192.D
Acq: 13 Mar 2019 4:48

Tgt Ion: 41 Resp: 17408

Ion	Ratio	Lower	Upper
41	100		
69	0.6	72.6	108.8#
39	0.0	47.5	71.3#



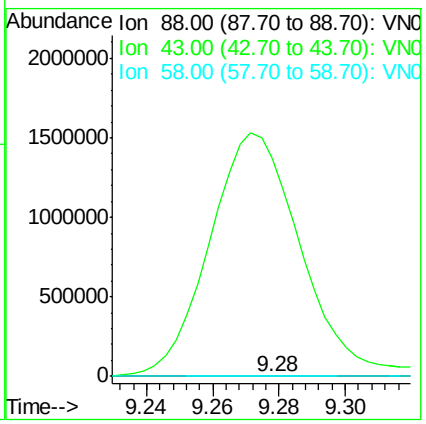


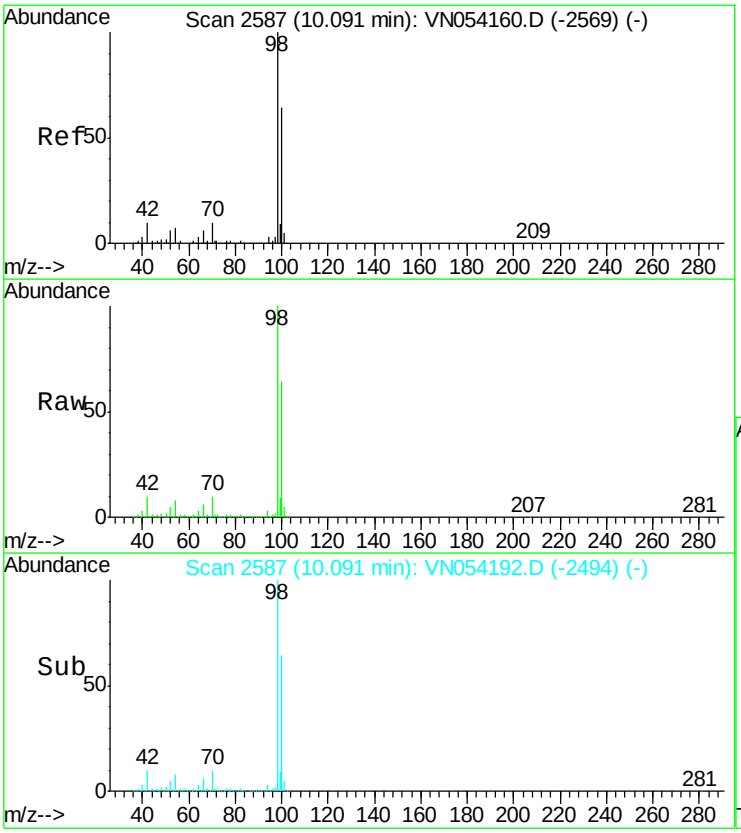
#49
1,4-Dioxane
Concen: 4.075 ug/l
RT: 9.28 min Scan# 2334
Delta R.T. 0.07 min
Lab File: VN054192.D
Acq: 13 Mar 2019 4:48

Instrument :
MSVOA_N
ClientSampleId :
SU-03-031119-B

Tgt Ion: 88 Resp: 659

Ion	Ratio	Lower	Upper
88	100		
43	465075.7	24.1	36.1#
58	1920.3	50.8	76.2#

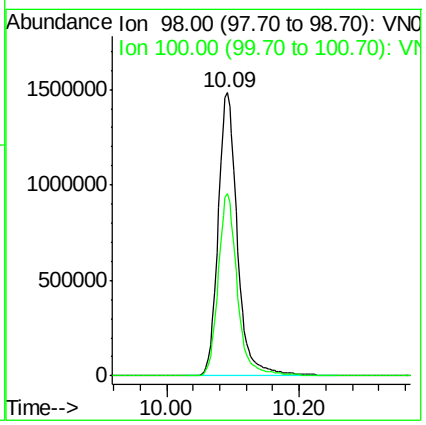


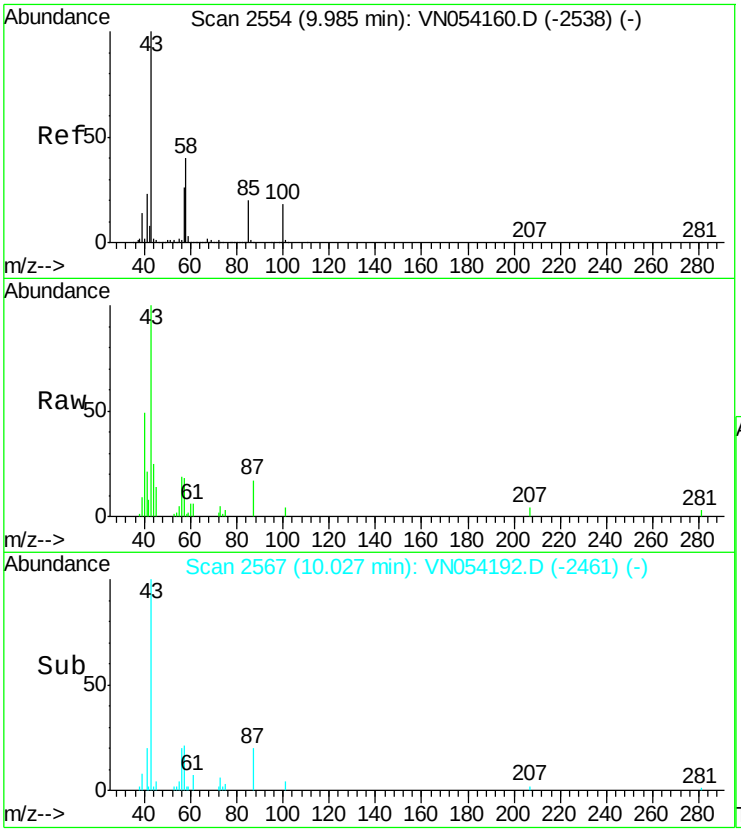


#50
Toluene-d8
Concen: 51.764 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN054192.D
Acq: 13 Mar 2019 4:48

Tgt Ion: 98 Resp: 2990562

Ion	Ratio	Lower	Upper
98	100		
100	63.5	51.2	76.8



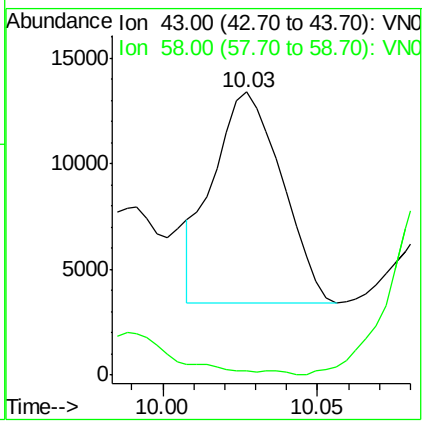


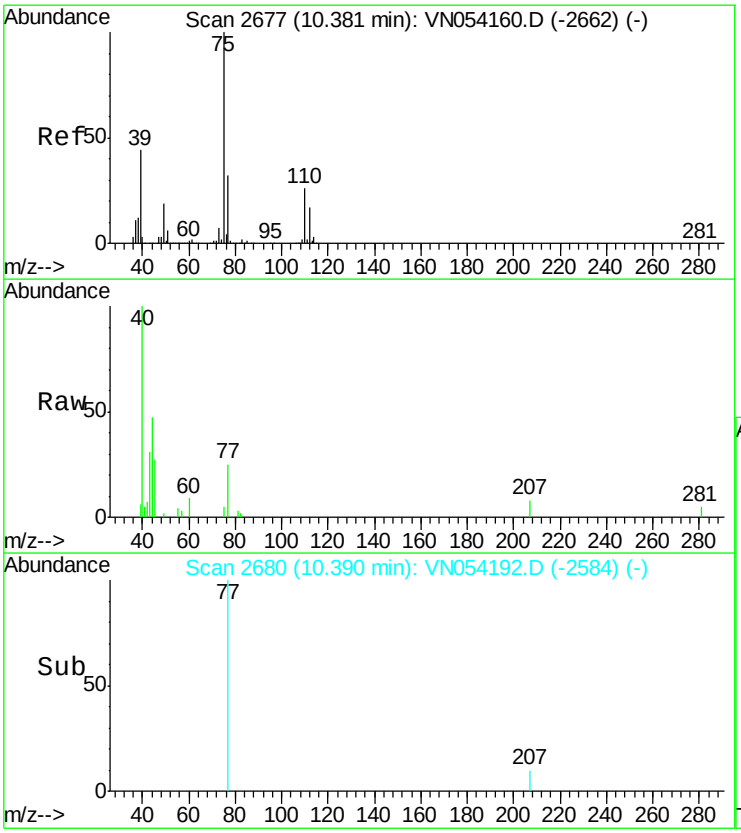
#51
4-Methyl-2-Pentanone
Concen: 1.287 ug/l
RT: 10.03 min Scan# 2567
Delta R.T. 0.04 min
Lab File: VN054192.D
Acq: 13 Mar 2019 4:48

Instrument : MSVOA_N
ClientSampleId : SU-03-031119-B

Tgt Ion: 43 Resp: 15340

Ion	Ratio	Lower	Upper
43	100		
58	0.0	31.8	47.6#

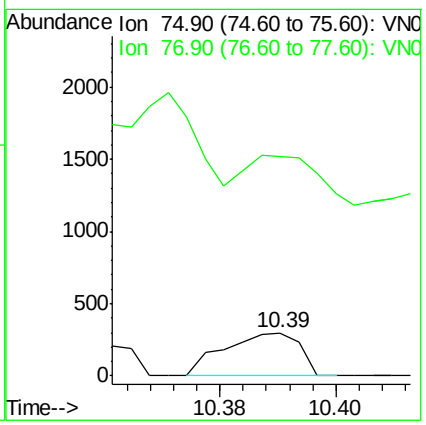


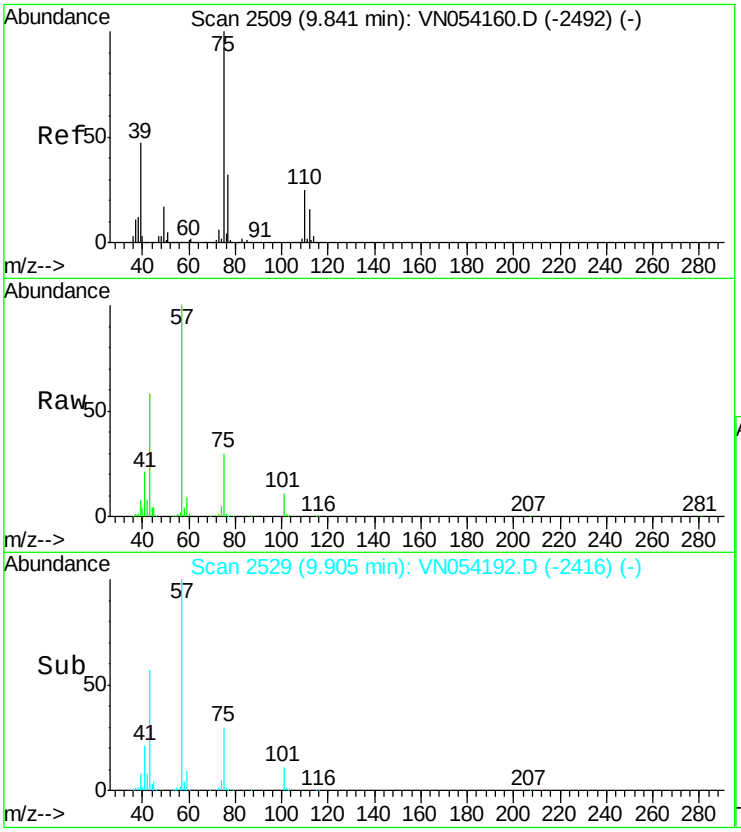


#53
t-1,3-Dichloropropene
Concen: 1.996 ug/l
RT: 10.39 min Scan# 2680
Delta R.T. 0.01 min
Lab File: VN054192.D
Acq: 13 Mar 2019 4:48

Tgt Ion: 75 Resp: 269

Ion	Ratio	Lower	Upper
75	100		
77	86.9	25.8	38.8#



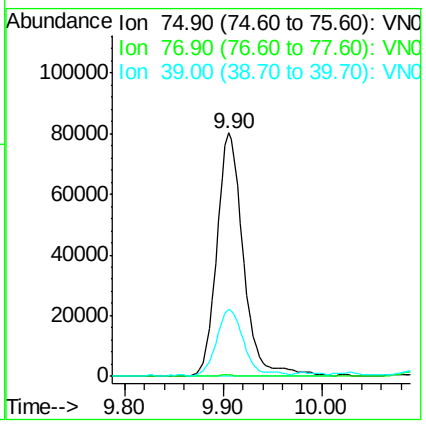


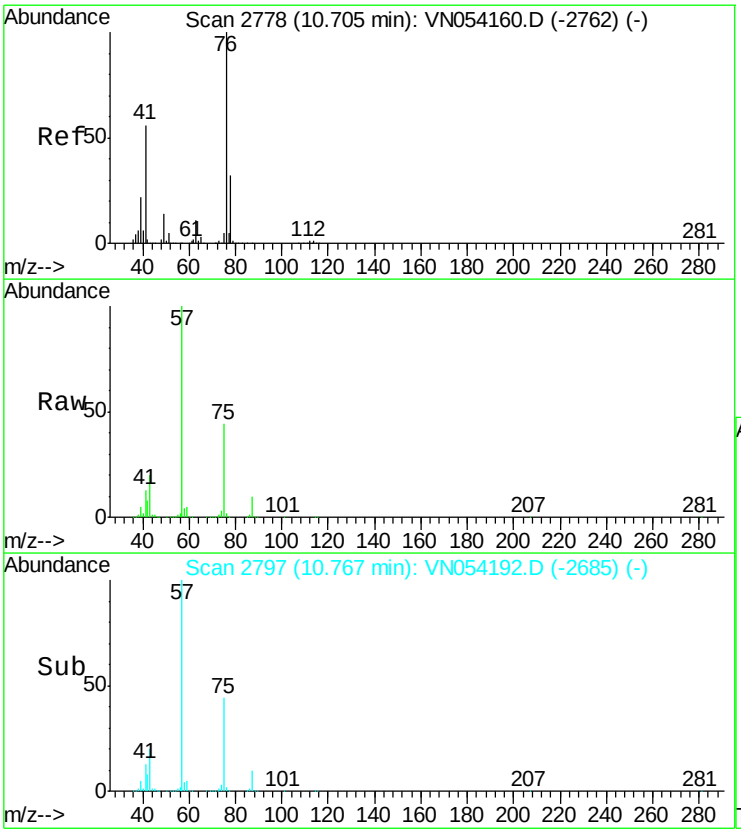
#54
cis-1,3-Dichloropropene
Concen: 6.054 ug/l
RT: 9.90 min Scan# 2529
Delta R.T. 0.06 min
Lab File: VN054192.D
Acq: 13 Mar 2019 4:48

Instrument :
MSVOA_N
ClientSampleId :
SU-03-031119-B

Tgt Ion: 75 Resp: 151677

Ion	Ratio	Lower	Upper
75	100		
77	0.8	25.4	38.0#
39	27.0	37.2	55.8#

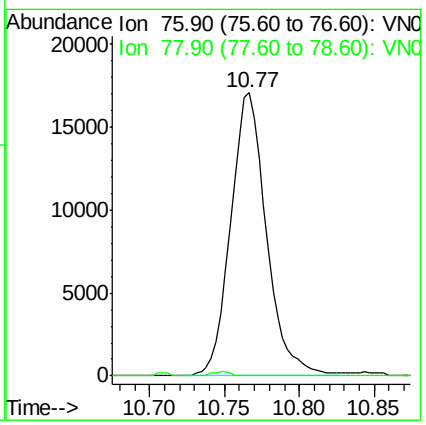


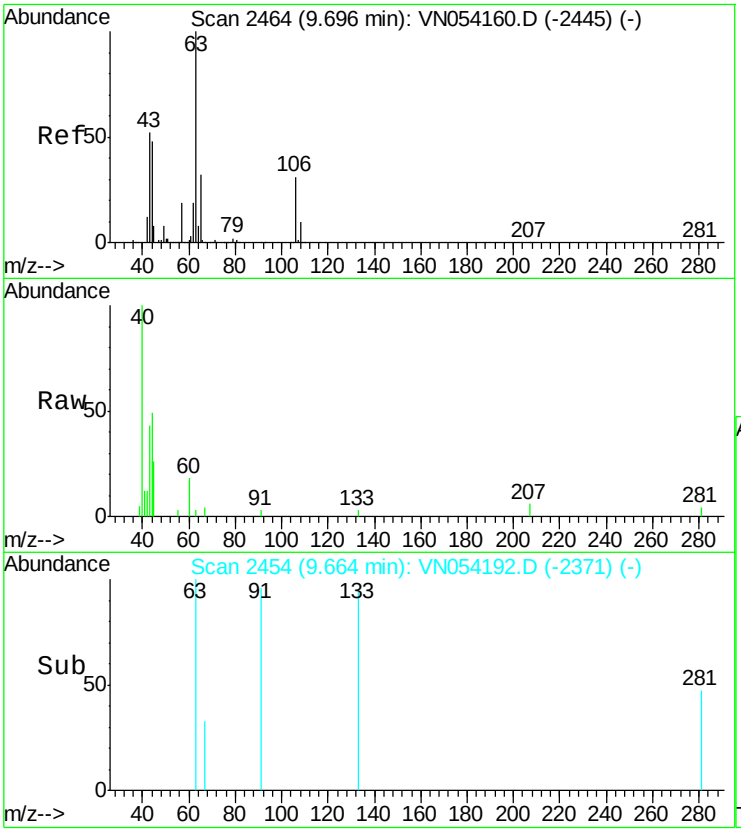


#57
1,3-Dichloropropane
Concen: 1.176 ug/l
RT: 10.77 min Scan# 2797
Delta R.T. 0.06 min
Lab File: VN054192.D
Acq: 13 Mar 2019 4:48

Tgt Ion: 76 Resp: 28454

Ion	Ratio	Lower	Upper
76	100		
78	0.7	25.7	38.5#



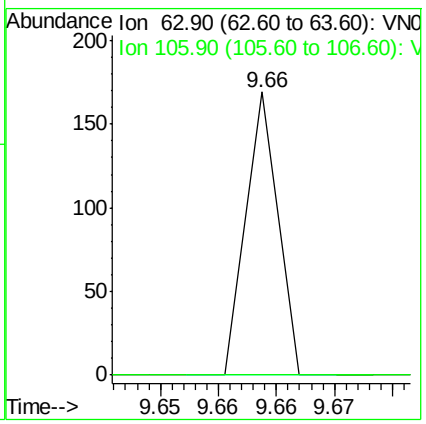


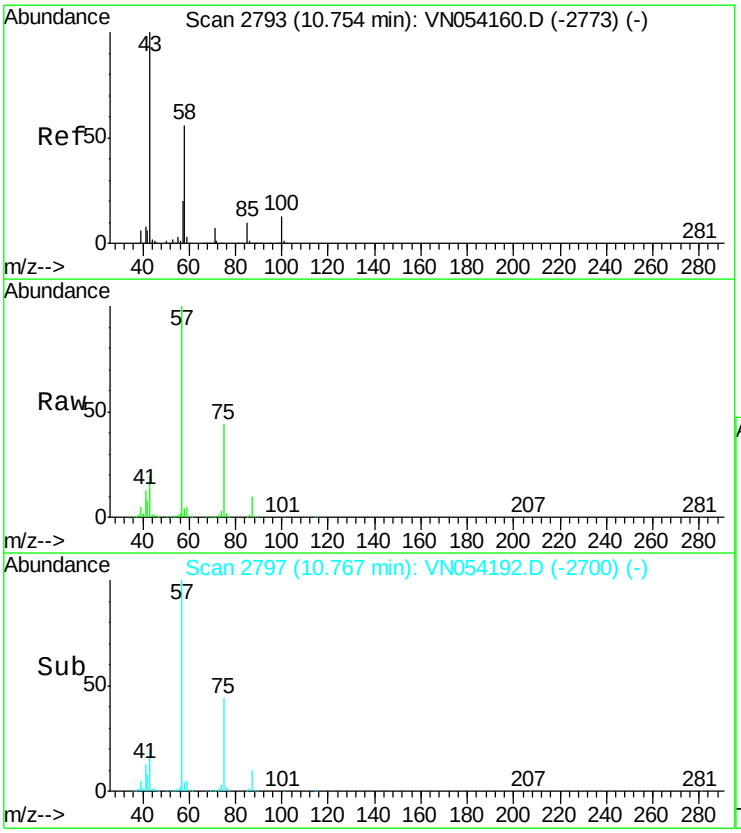
#58
2-Chloroethyl Vinyl ether
Concen: 16.832 ug/l
RT: 9.66 min Scan# 2454
Delta R.T. -0.03 min
Lab File: VN054192.D
Acq: 13 Mar 2019 4:48

Instrument : MSVOA_N
ClientSampleId : SU-03-031119-B

Tgt Ion: 63 Resp: 33

Ion	Ratio	Lower	Upper
63	100		
106	0.0	24.4	36.6#

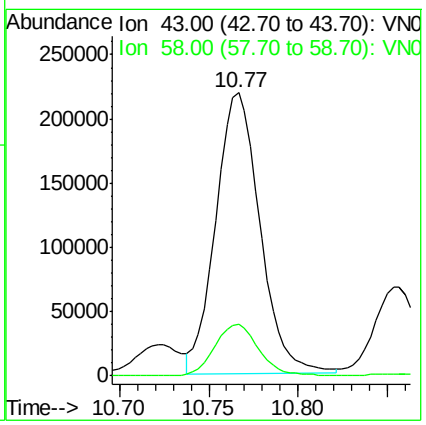


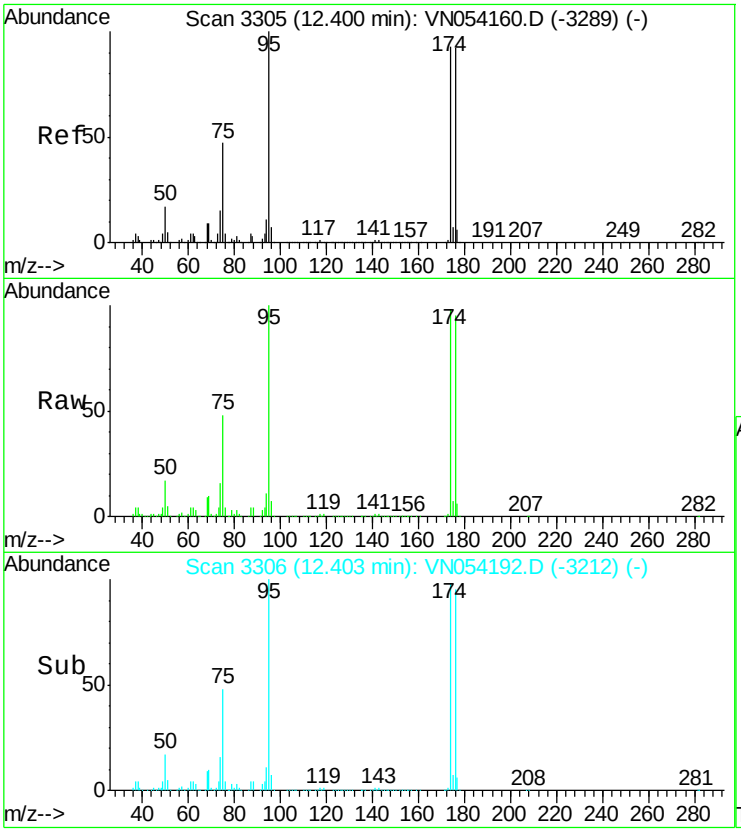


#59
2-Hexanone
Concen: 47.349 ug/l
RT: 10.77 min Scan# 2797
Delta R.T. 0.01 min
Lab File: VN054192.D
Acq: 13 Mar 2019 4:48

Tgt Ion: 43 Resp: 375603

Ion	Ratio	Lower	Upper
43	100		
58	18.6	28.0	83.9#



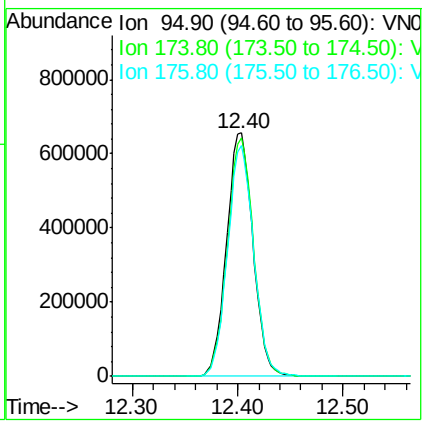


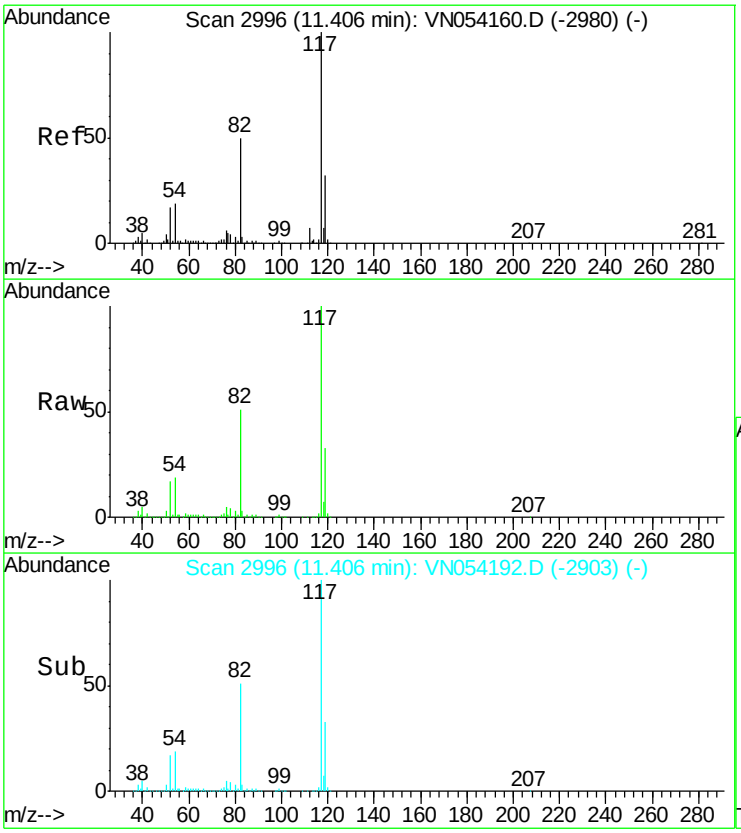
#62
4-Bromofluorobenzene
Concen: 56.090 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN054192.D
Acq: 13 Mar 2019 4:48

Instrument :
MSVOA_N
ClientSampleId :
SU-03-031119-B

Tgt Ion: 95 Resp: 1133848

Ion	Ratio	Lower	Upper
95	100		
174	96.9	0.0	191.0
176	93.9	0.0	187.4

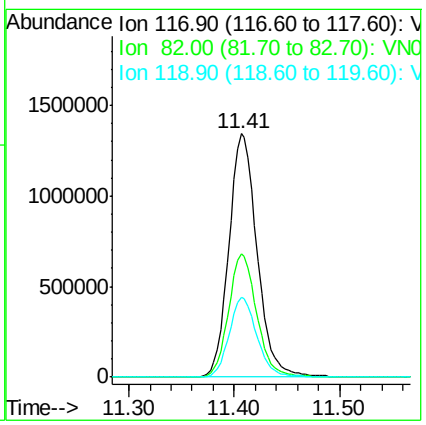


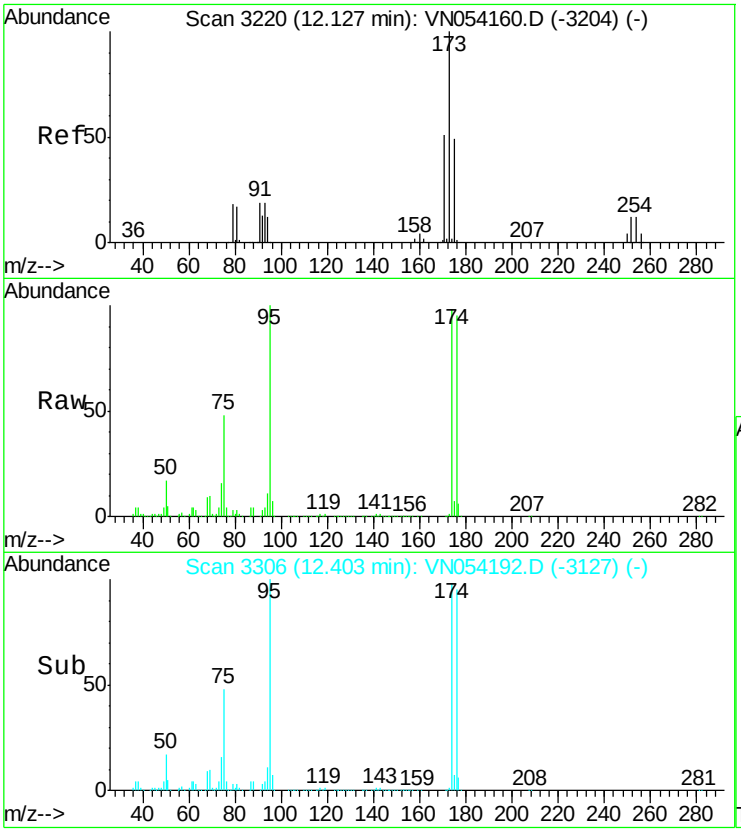


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054192.D
Acq: 13 Mar 2019 4:48

Tgt Ion:117 Resp: 2487767

Ion	Ratio	Lower	Upper
117	100		
82	50.8	40.0	60.0
119	32.5	25.8	38.6



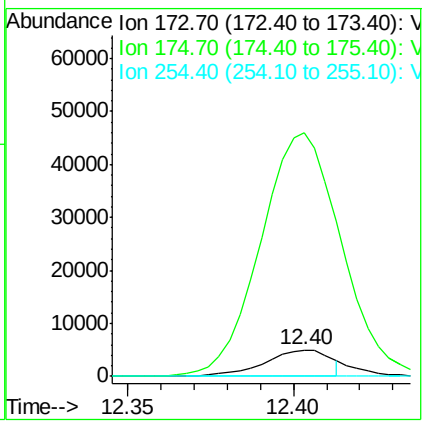


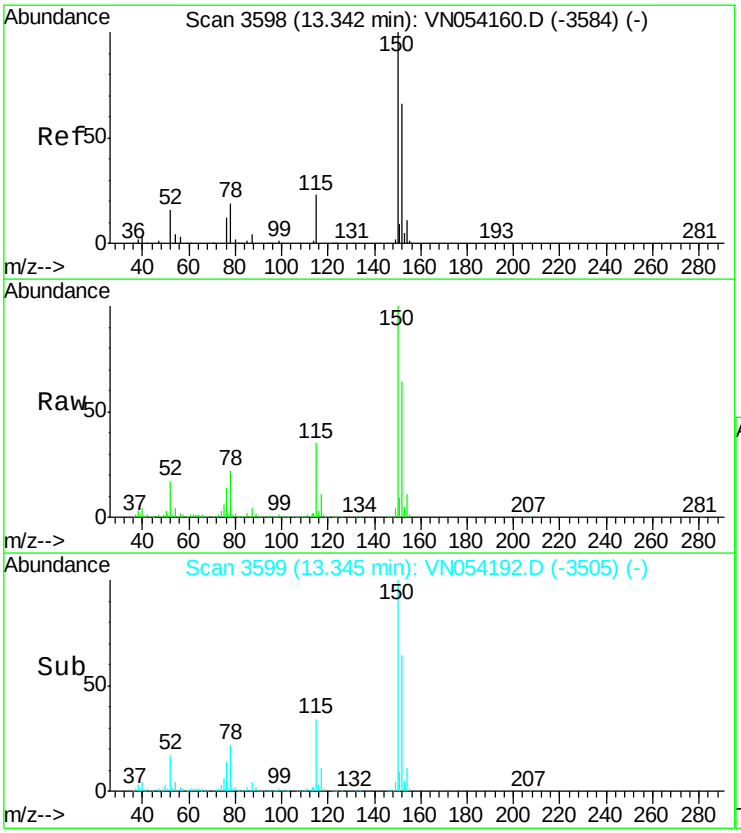
#71
Bromoform
Concen: 2.780 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN054192.D
Acq: 13 Mar 2019 4:48

Instrument :
MSVOA_N
ClientSampleId :
SU-03-031119-B

Tgt Ion:173 Resp: 6818

Ion	Ratio	Lower	Upper
173	100		
175	978.1	24.4	73.2#
254	0.0	0.1	0.1#

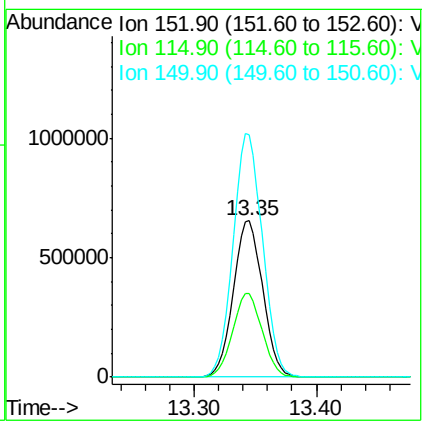


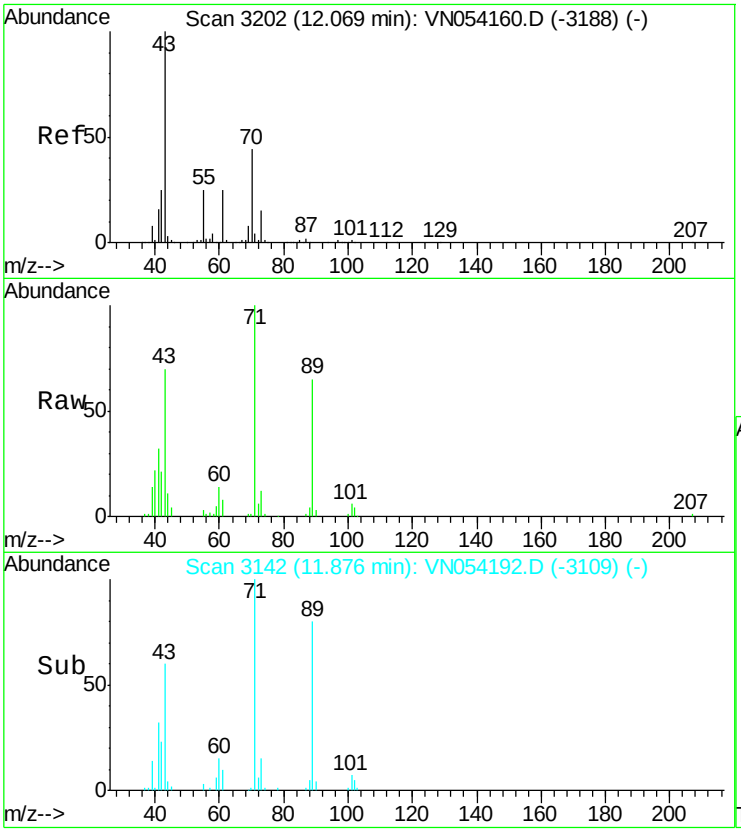


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN054192.D
Acq: 13 Mar 2019 4:48

Tgt Ion:152 Resp: 1090180

Ion	Ratio	Lower	Upper
152	100		
115	53.6	27.2	81.6
150	156.0	0.0	349.2



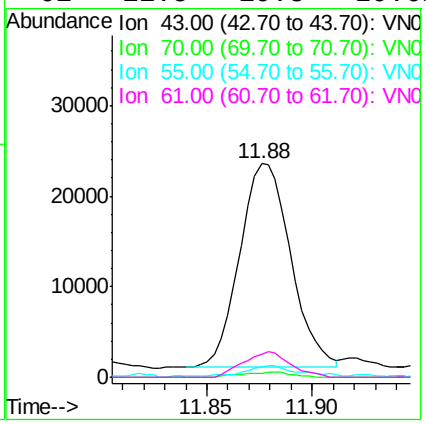


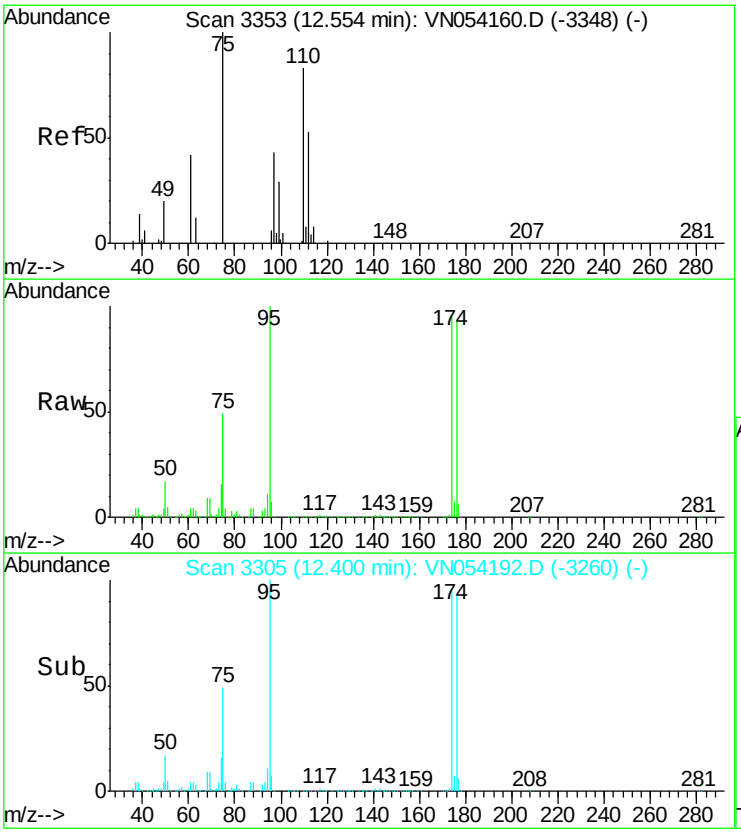
#74
N-amyl acetate
Concen: 1.957 ug/l
RT: 11.88 min Scan# 3142
Delta R.T. -0.19 min
Lab File: VN054192.D
Acq: 13 Mar 2019 4:48

Instrument : MSVOA_N
ClientSampleId : SU-03-031119-B

Tgt Ion: 43 Resp: 37890

Ion	Ratio	Lower	Upper
43	100		
70	2.4	35.4	53.0#
55	6.6	19.8	29.6#
61	11.5	19.8	29.6#

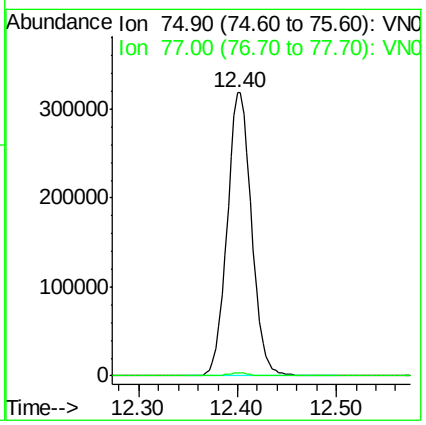


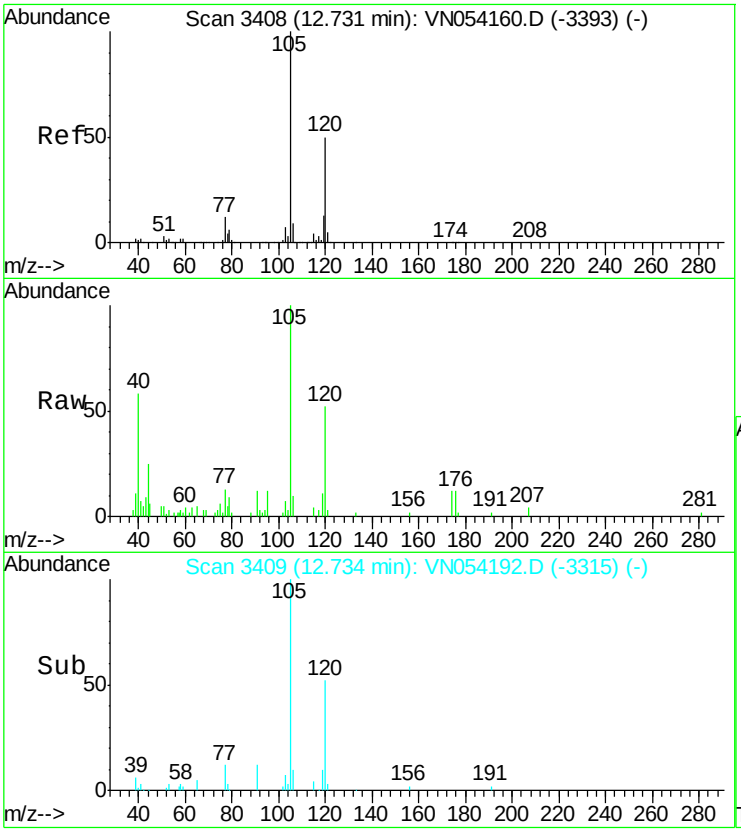


#76
1,2,3-Trichloropropane
Concen: 34.304 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN054192.D
Acq: 13 Mar 2019 4:48

Tgt Ion: 75 Resp: 549955

Ion	Ratio	Lower	Upper
75	100		
77	1.1	0.0	0.0#



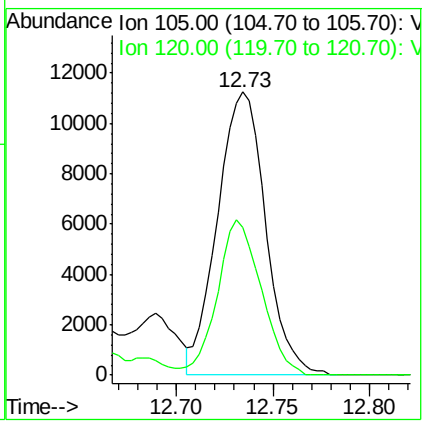


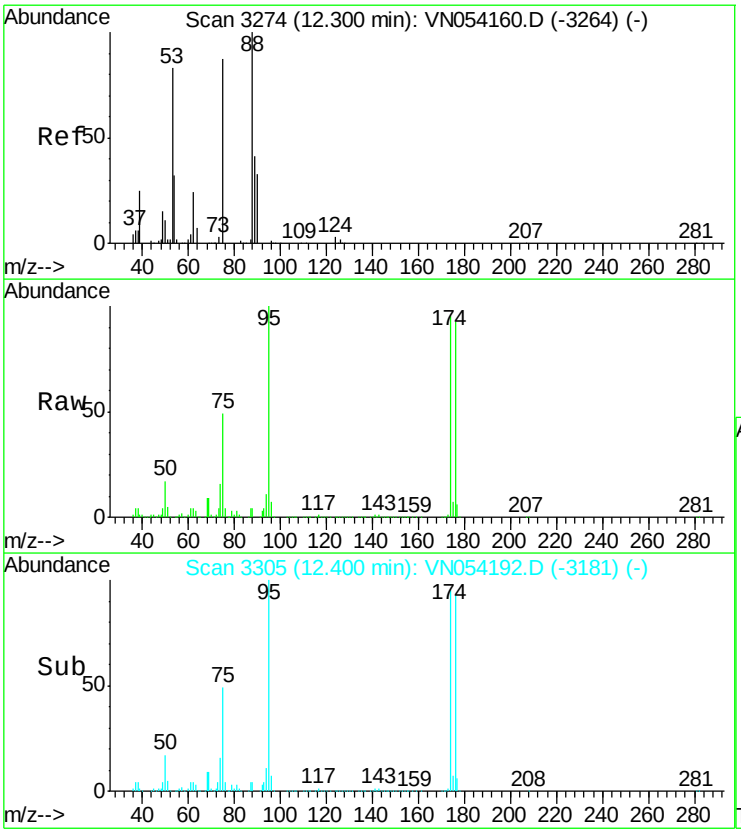
#80
1,3,5-Trimethylbenzene
Concen: 0.268 ug/l
RT: 12.73 min Scan# 3409
Delta R.T. 0.00 min
Lab File: VN054192.D
Acq: 13 Mar 2019 4:48

Instrument :
MSVOA_N
ClientSampleId :
SU-03-031119-B

Tgt Ion:105 Resp: 19456

Ion	Ratio	Lower	Upper
105	100		
120	49.8	25.0	75.0

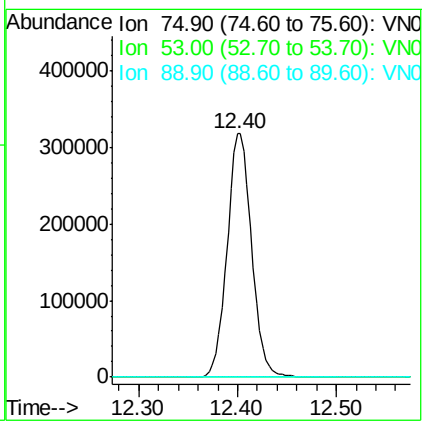


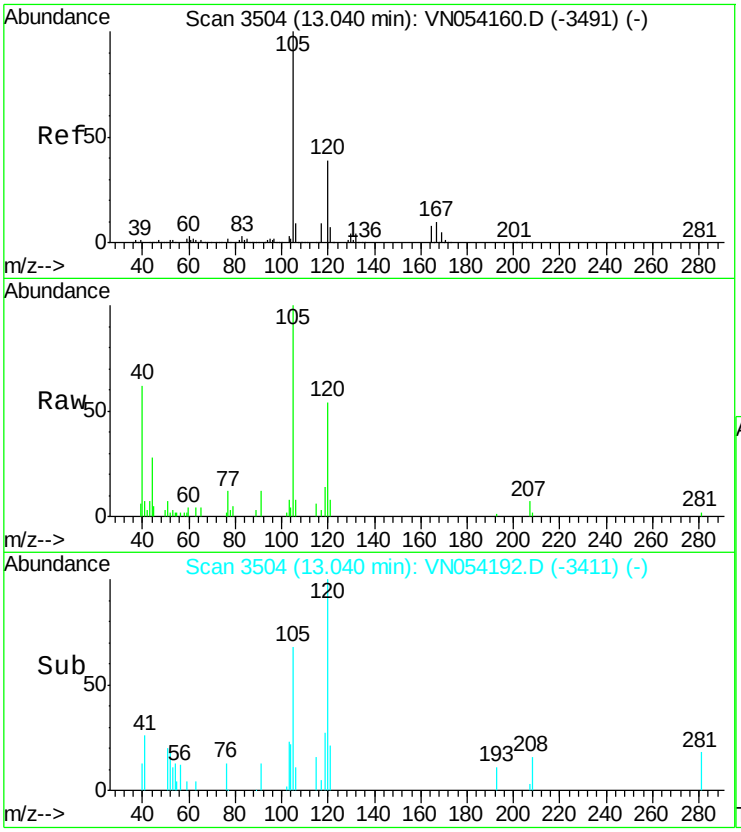


#81
trans-1,4-Dichloro-2-butene
Concen: 117.268 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN054192.D
Acq: 13 Mar 2019 4:48

Tgt Ion: 75 Resp: 549955

Ion	Ratio	Lower	Upper
75	100		
53	0.0	76.2	114.2#
89	0.0	39.2	58.8#



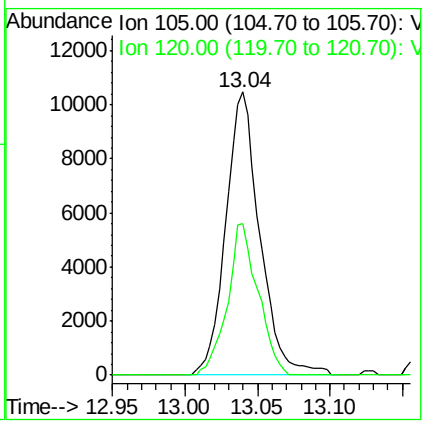


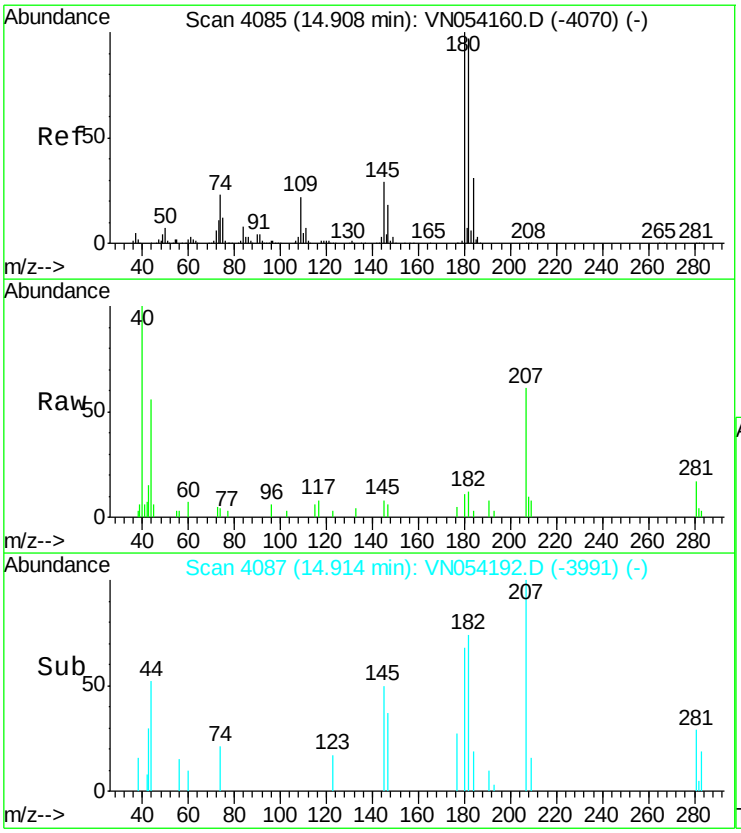
#84
1,2,4-Trimethylbenzene
Concen: 0.239 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN054192.D
Acq: 13 Mar 2019 4:48

Instrument :
MSVOA_N
ClientSampleId :
SU-03-031119-B

Tgt Ion:105 Resp: 17035

Ion	Ratio	Lower	Upper
105	100		
120	48.1	23.4	70.3

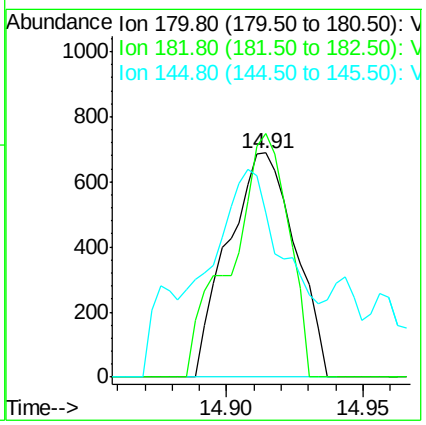


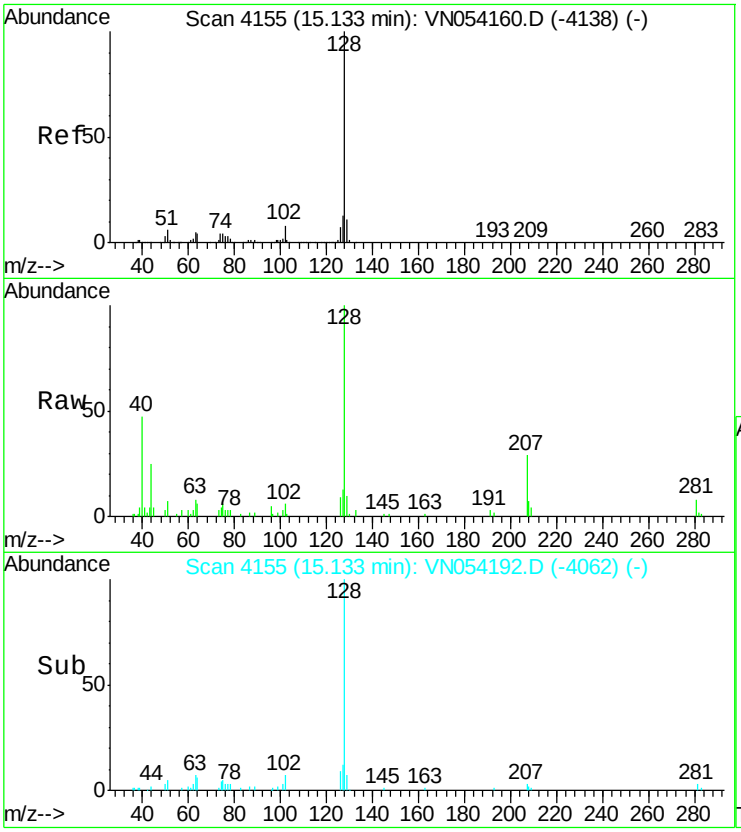


#93
1,2,4-Trichlorobenzene
Concen: 2.565 ug/l
RT: 14.91 min Scan# 4087
Delta R.T. 0.01 min
Lab File: VN054192.D
Acq: 13 Mar 2019 4:48

Tgt Ion:180 Resp: 1175

Ion	Ratio	Lower	Upper
180	100		
182	93.0	48.0	144.2
145	79.2	14.2	42.8#





#95
Naphthalene
Concen: 3.952 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN054192.D
Acq: 13 Mar 2019 4:48

Instrument :
MSVOA_N
ClientSampleId :
SU-03-031119-B

Tgt Ion:128 Resp: 24795

Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.1	15.1
129	10.8	8.7	13.1