Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031619\
Data File : VN054370.D
Acq On : 17 Mar 2019 7:22
Operator : JC/SP
Sample : K1697-12
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : SU-01-031519-B

Quant Time: Mar 18 05:08:25 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	7.66	168	1872642	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2725694	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2303447	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	899222	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	933255	46.93	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.86%			
35) Dibromofluoromethane	7.59	113	822971	46.81	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.62%			
50) Toluene-d8	10.09	98	3120408	48.06	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.12%			
62) 4-Bromofluorobenzene	12.40	95	951059	41.87	ug/l	0.00
Spiked Amount 50.000			Recovery = 83.74%			
Target Compounds						Qvalue
10) Methyl Iodide	3.94	142	203	1.504	ug/l #	45
16) Acetone	3.82	43	17013	2.988	ug/l	94
18) Methyl Acetate	4.34	43	5216	0.453	ug/l #	70
20) Methylene Chloride	4.55	84	509962	27.275	ug/l	99
30) Chloroform	7.37	83	11464	0.343	ug/l	98
31) Cyclohexane	7.67	56	28533	Below Cal	#	1
36) 1,1-Dichloropropene	7.66	75	109033	4.344	ug/l #	48
38) Carbon Tetrachloride	7.67	117	148970	5.659	ug/l #	16
43) Isopropyl Acetate	8.17	43	27549	1.088	ug/l	97
48) Methyl methacrylate	9.18	41	15484	1.205	ug/l #	11
49) 1,4-Dioxane	9.27	88	444	2.443	ug/l #	1
51) 4-Methyl-2-Pentanone	10.03	43	17699	1.321	ug/l #	36
53) t-1,3-Dichloropropene	10.38	75	62	1.988	ug/l	99
54) cis-1,3-Dichloropropene	9.90	75	146299	5.197	ug/l #	63
57) 1,3-Dichloropropane	10.76	76	28112	1.034	ug/l #	44
59) 2-Hexanone	10.77	43	366400	41.101	ug/l #	51
68) m/p-Xylenes	11.62	106	7941	0.242	ug/l	100
71) Bromoform	12.40	173	6135	2.768	ug/l #	1
74) N-amyl acetate	11.88	43	37445	2.345	ug/l #	51
76) 1,2,3-Trichloropropane	12.40	75	458120	34.644	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	21270	0.355	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	458120	118.430	ug/l #	11
84) 1,2,4-Trimethylbenzene	13.04	105	34367	0.585	ug/l	95
93) 1,2,4-Trichlorobenzene	14.91	180	679	2.551	ug/l #	1
95) Naphthalene	15.13	128	218835	8.633	ug/l	100

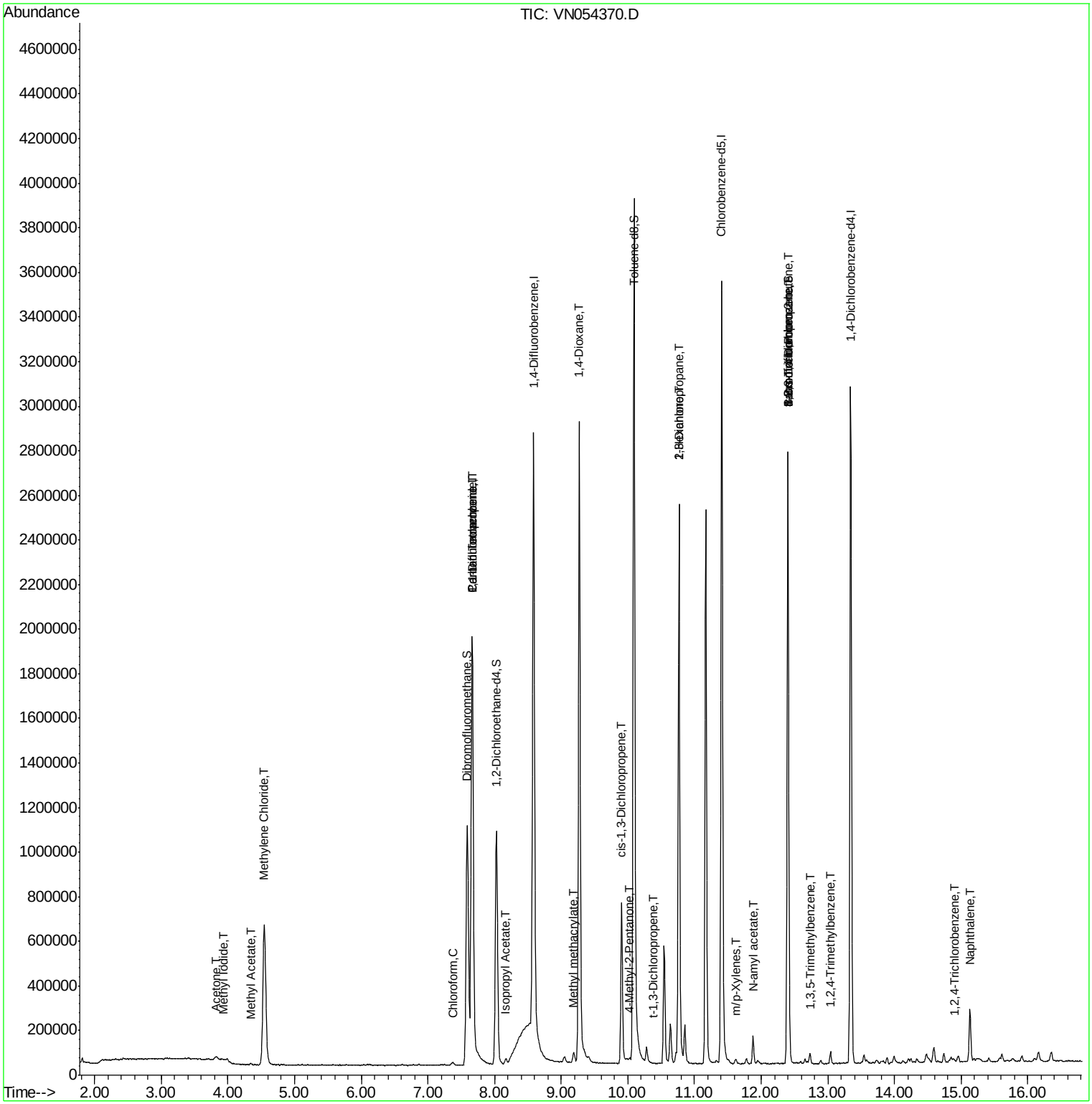
(#) = qualifier out of range (m) = manual integration (+) = signals summed

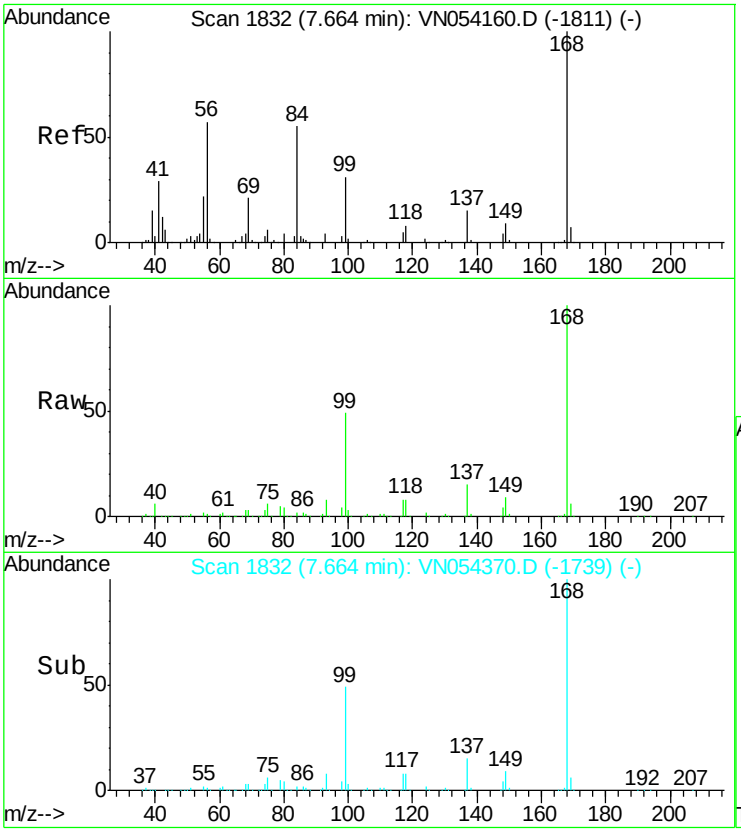
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031619\
Data File : VN054370.D
Acq On : 17 Mar 2019 7:22
Operator : JC/SP
Sample : K1697-12
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : SU-01-031519-B

Quant Time: Mar 18 05:08:25 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



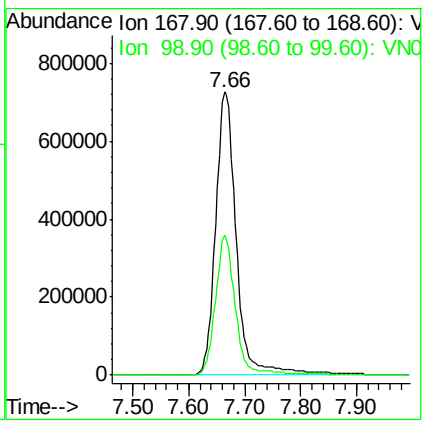


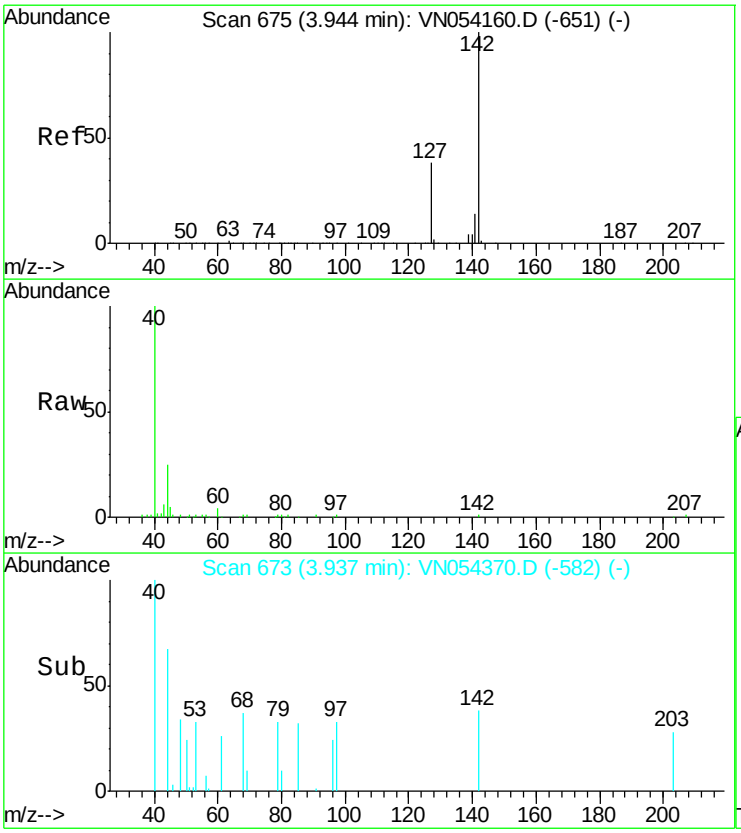
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. 0.00 min
Lab File: VN054370.D
Acq: 17 Mar 2019 7:22

Instrument :
MSVOA_N
ClientSampleId :
SU-01-031519-B

Tgt Ion:168 Resp: 1872642

Ion	Ratio	Lower	Upper
168	100		
99	49.3	37.1	55.7

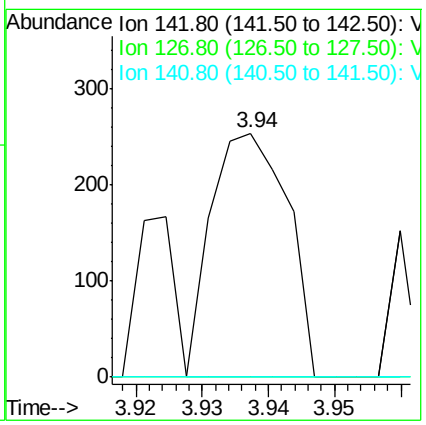


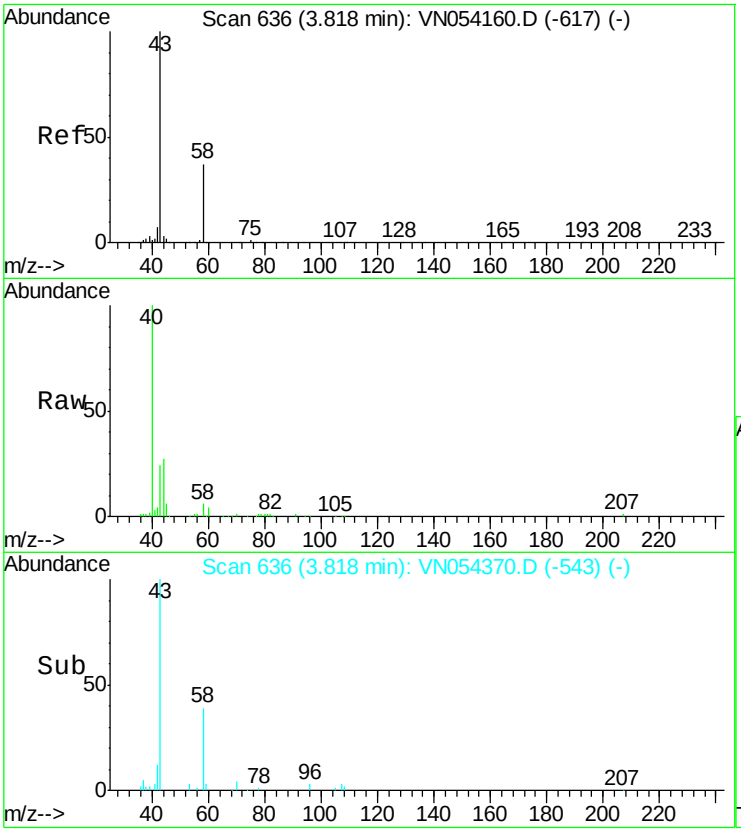


#10
Methyl Iodide
Concen: 1.504 ug/l
RT: 3.94 min Scan# 673
Delta R.T. -0.01 min
Lab File: VN054370.D
Acq: 17 Mar 2019 7:22

Tgt Ion:142 Resp: 203

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



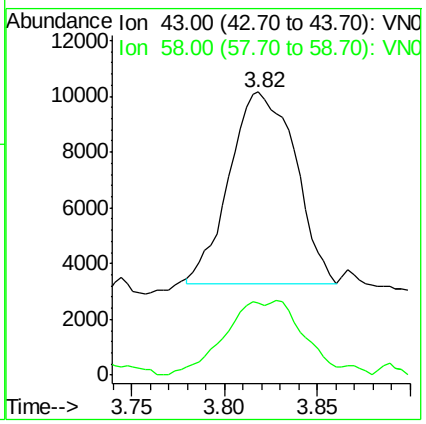


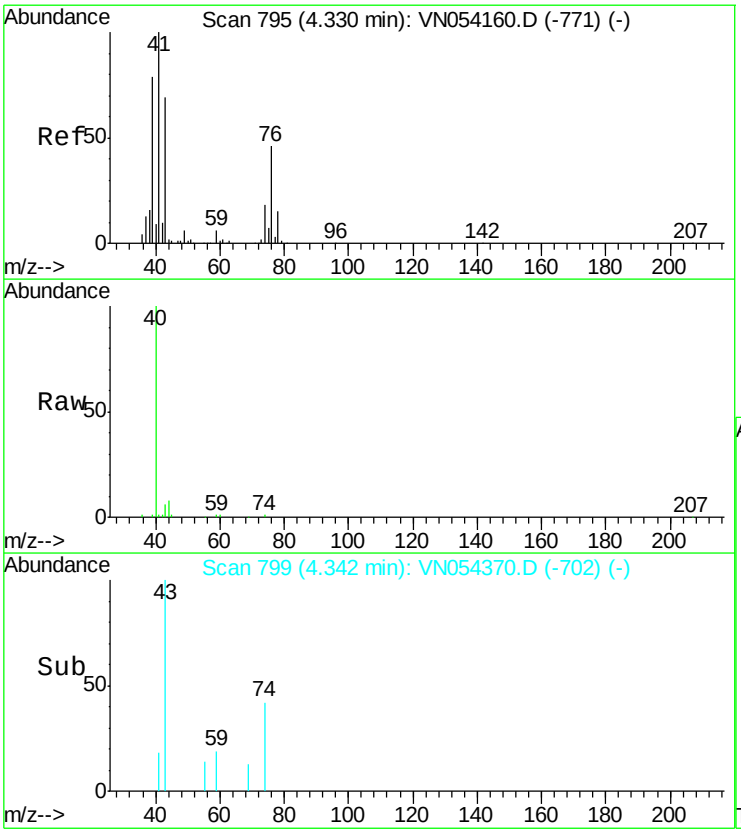
#16
Acetone
Concen: 2.988 ug/l
RT: 3.82 min Scan# 636
Delta R.T. 0.00 min
Lab File: VN054370.D
Acq: 17 Mar 2019 7:22

Instrument :
MSVOA_N
ClientSampleId :
SU-01-031519-B

Tgt Ion: 43 Resp: 17013

Ion	Ratio	Lower	Upper
43	100		
58	33.6	29.9	44.9

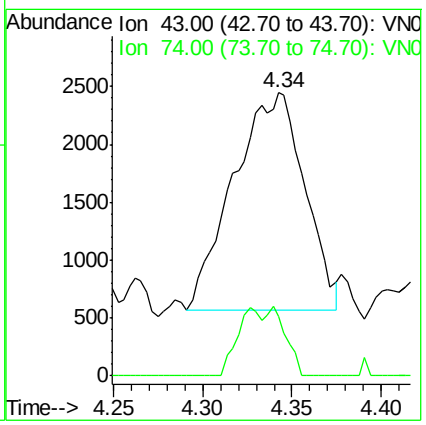


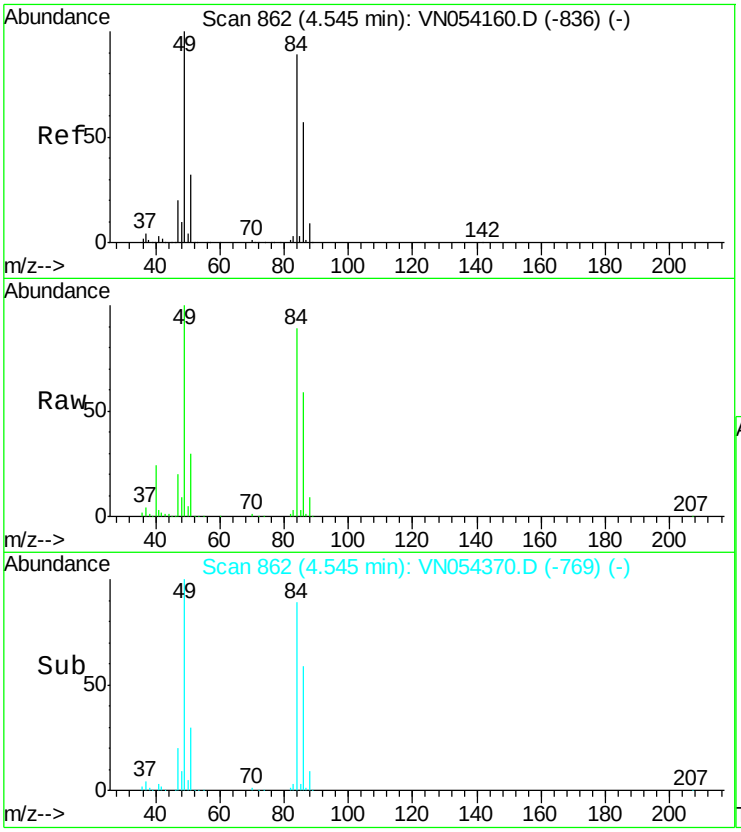


#18
Methyl Acetate
Concen: 0.453 ug/l
RT: 4.34 min Scan# 799
Delta R.T. 0.01 min
Lab File: VN054370.D
Acq: 17 Mar 2019 7:22

Tgt Ion: 43 Resp: 5216

Ion	Ratio	Lower	Upper
43	100		
74	10.8	20.8	31.2#



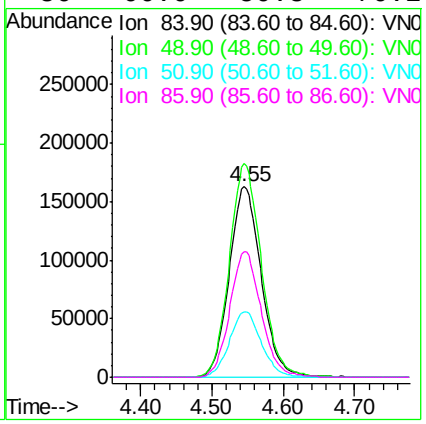


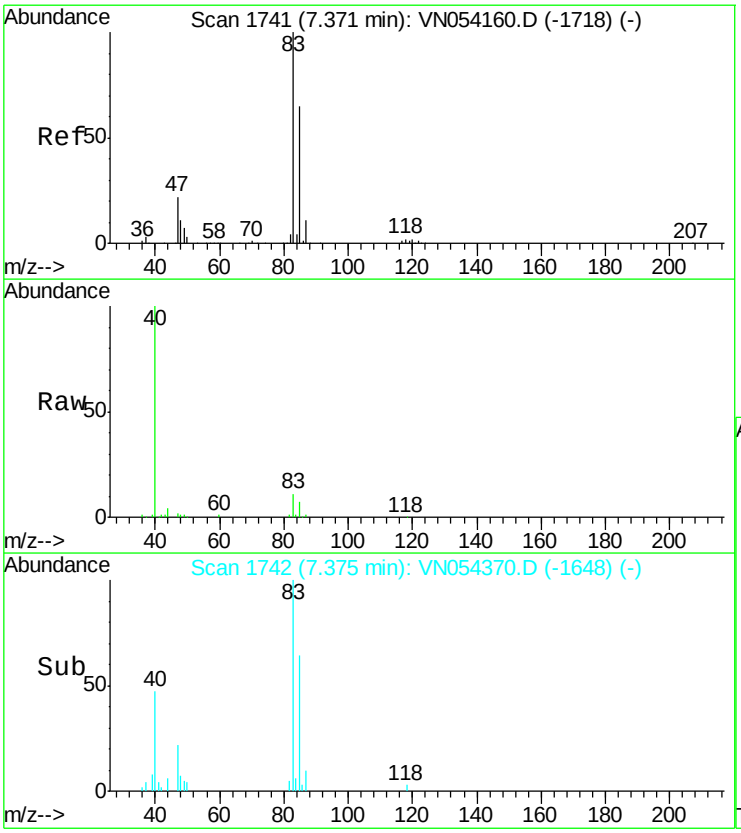
#20
Methylene Chloride
Concen: 27.275 ug/l
RT: 4.55 min Scan# 862
Delta R.T. 0.00 min
Lab File: VN054370.D
Acq: 17 Mar 2019 7:22

Instrument :
MSVOA_N
ClientSampleId :
SU-01-031519-B

Tgt Ion: 84 Resp: 509962

Ion	Ratio	Lower	Upper
84	100		
49	112.3	89.7	134.5
51	34.1	28.2	42.4
86	66.0	50.8	76.2

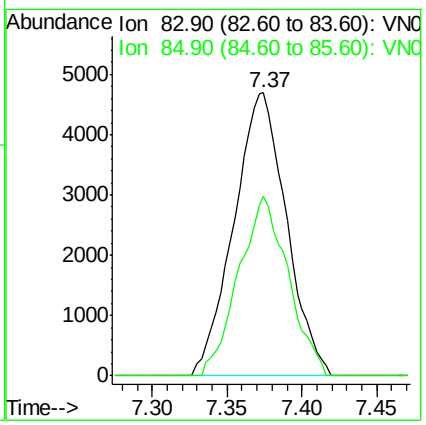


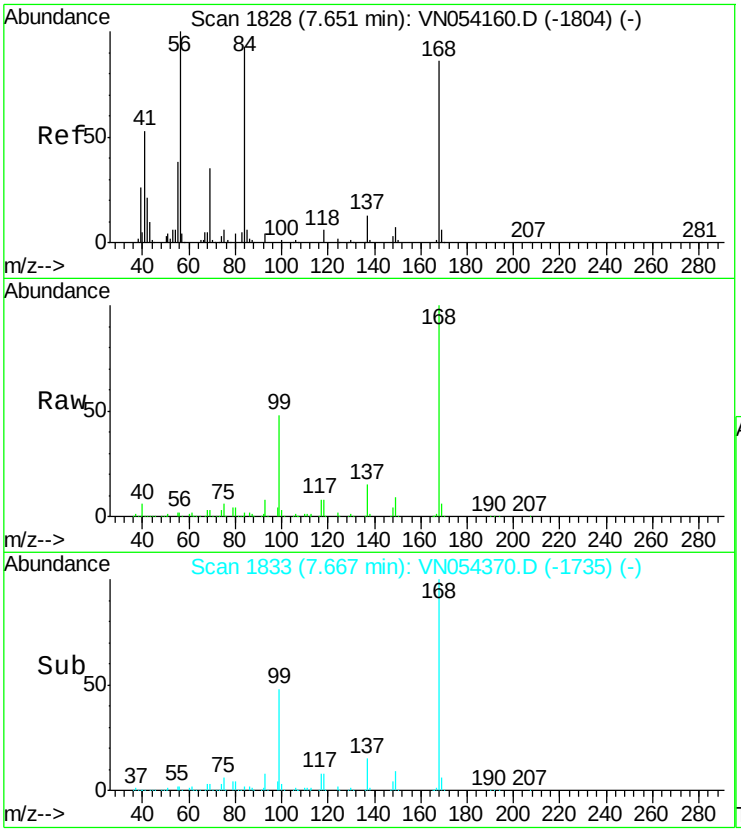


#30
Chloroform
Concen: 0.343 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN054370.D
Acq: 17 Mar 2019 7:22

Tgt Ion: 83 Resp: 11464

Ion	Ratio	Lower	Upper
83	100		
85	63.7	52.2	78.4



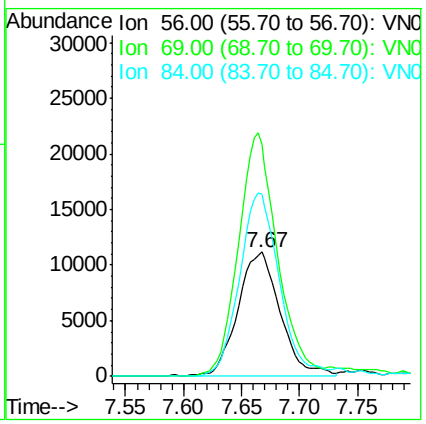


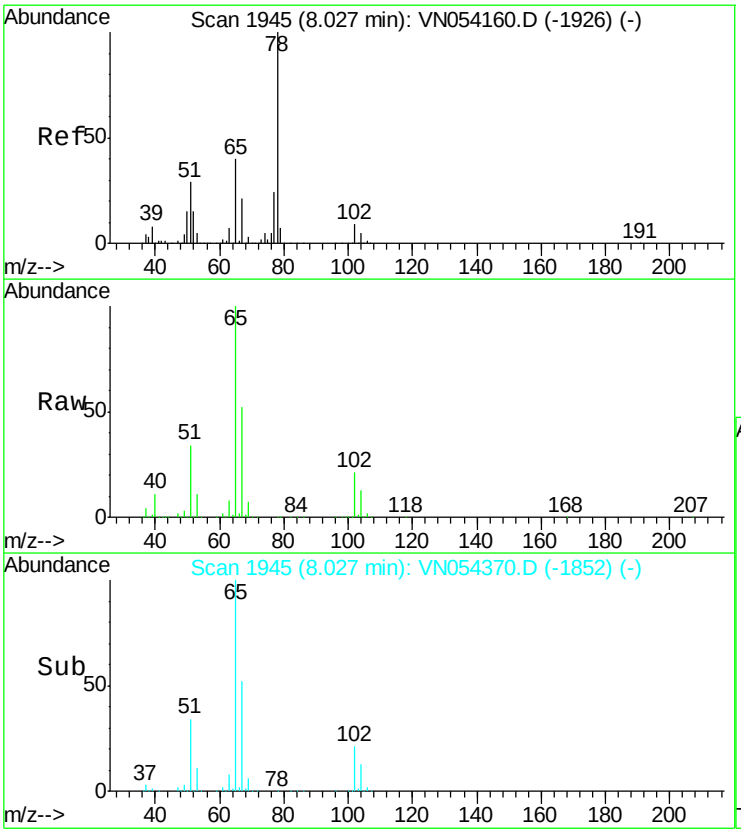
#31
Cyclohexane
Concen: Below Cal
RT: 7.67 min Scan# 1833
Delta R.T. 0.02 min
Lab File: VN054370.D
Acq: 17 Mar 2019 7:22

Instrument : MSVOA_N
ClientSampleId : SU-01-031519-B

Tgt Ion: 56 Resp: 28533

Ion	Ratio	Lower	Upper
56	100		
69	186.6	27.8	41.6#
84	146.6	74.6	111.8#

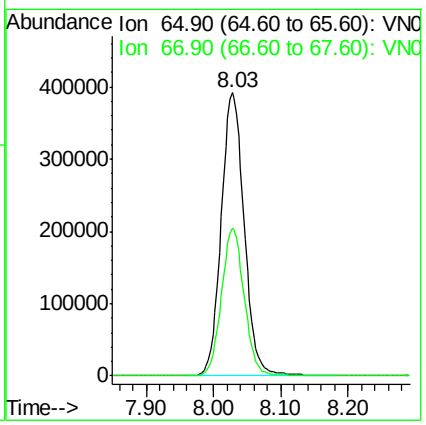


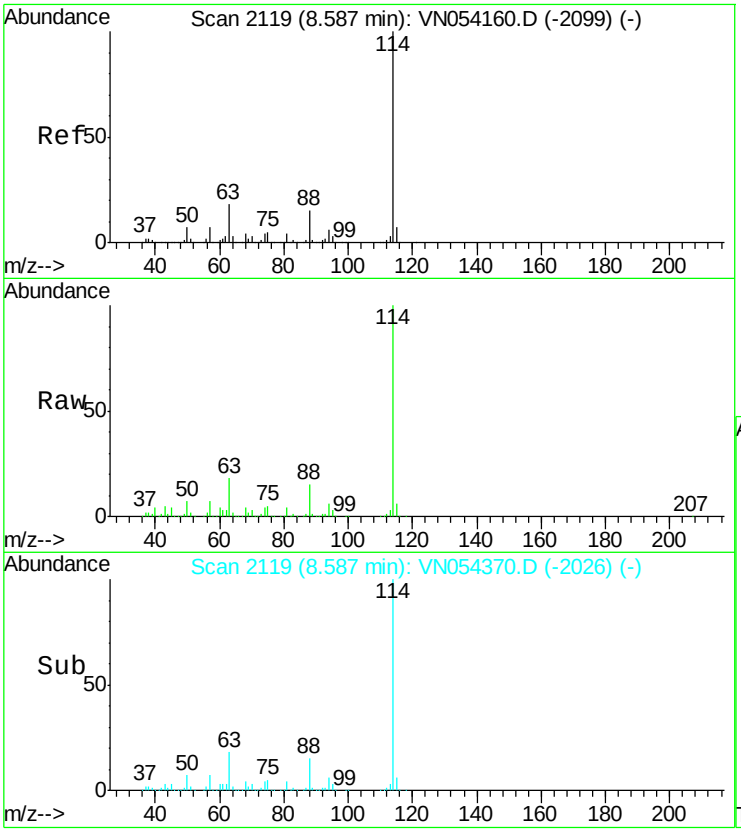


#33
1,2-Dichloroethane-d4
Concen: 46.927 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN054370.D
Acq: 17 Mar 2019 7:22

Tgt Ion: 65 Resp: 933255

Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	104.6



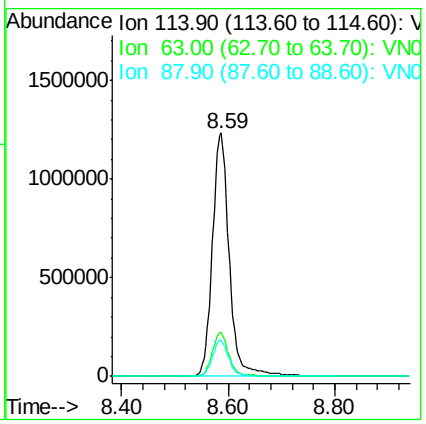


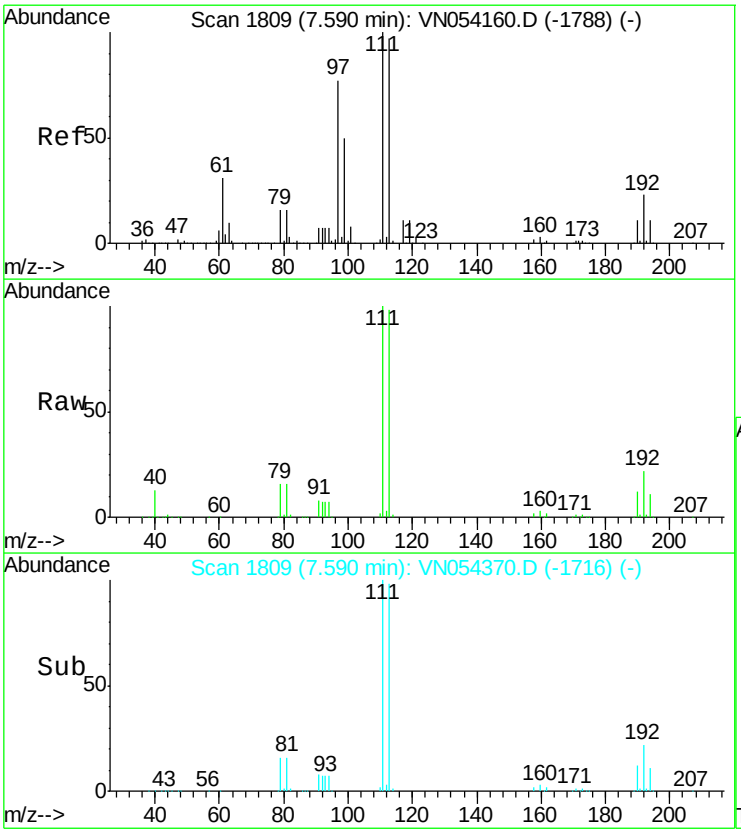
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN054370.D
Acq: 17 Mar 2019 7:22

Instrument :
MSVOA_N
ClientSampleId :
SU-01-031519-B

Tgt Ion:114 Resp: 2725694

Ion	Ratio	Lower	Upper
114	100		
63	18.0	0.0	35.2
88	14.8	0.0	30.2

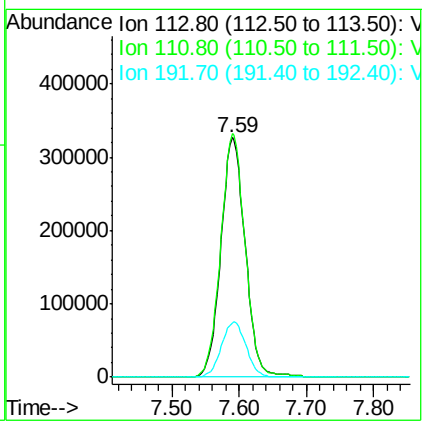


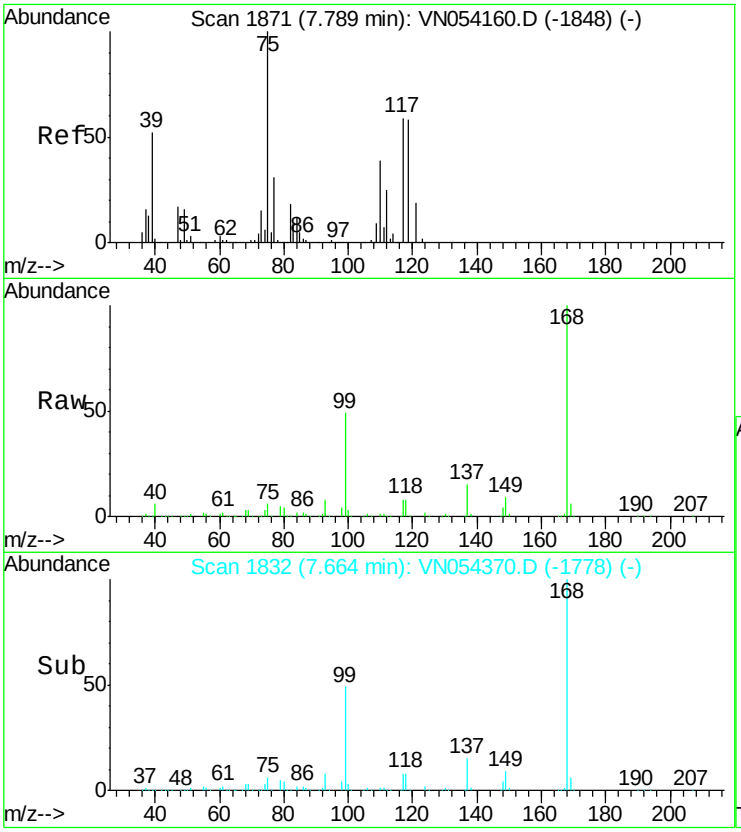


#35
Dibromofluoromethane
Concen: 46.814 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. 0.00 min
Lab File: VN054370.D
Acq: 17 Mar 2019 7:22

Tgt Ion:113 Resp: 822971

Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.2	123.4
192	23.4	19.2	28.8



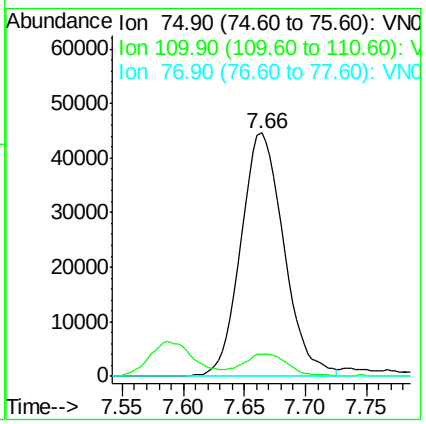


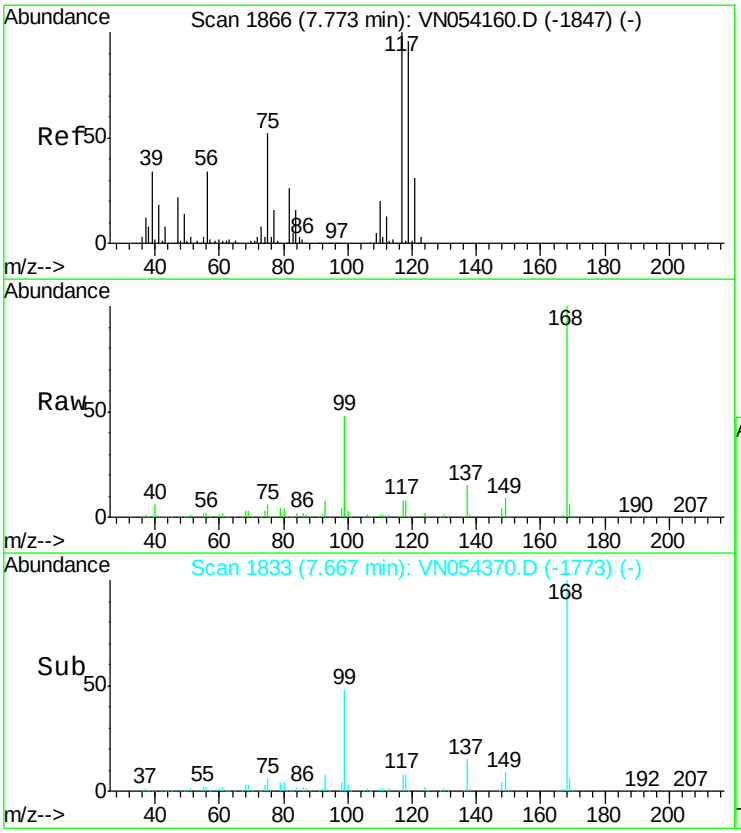
#36
1,1-Dichloropropene
Concen: 4.344 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.13 min
Lab File: VN054370.D
Acq: 17 Mar 2019 7:22

Instrument :
MSVOA_N
ClientSampleId :
SU-01-031519-B

Tgt Ion: 75 Resp: 109033

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

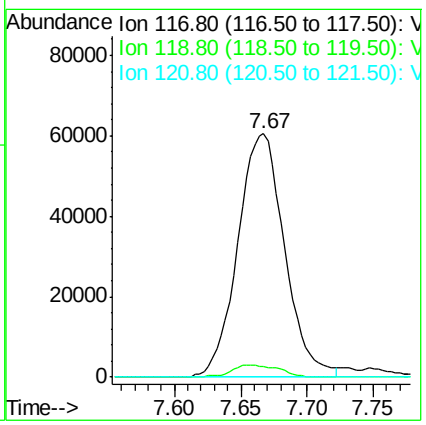


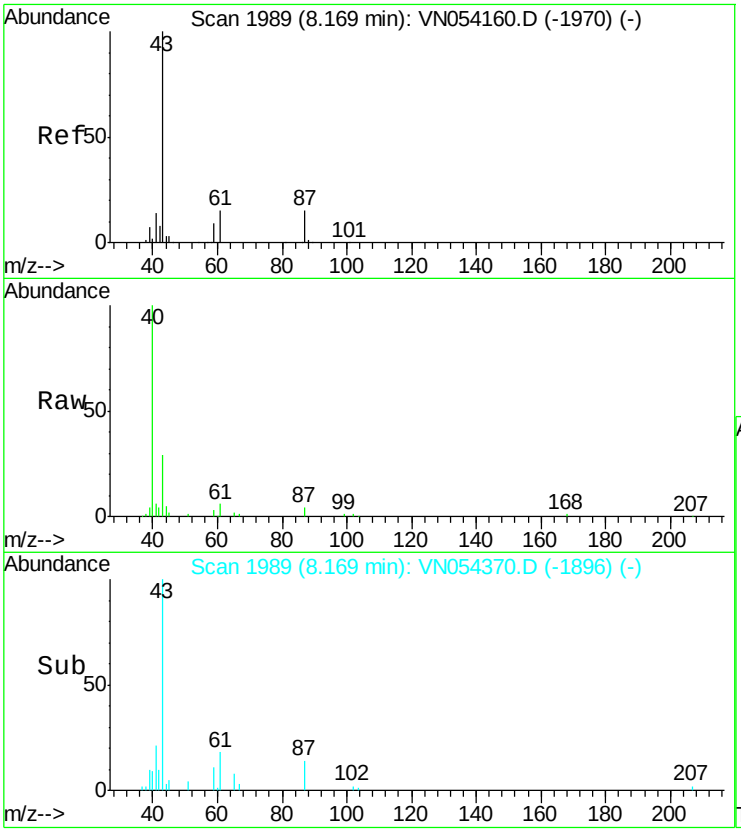


#38
Carbon Tetrachloride
Concen: 5.659 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN054370.D
Acq: 17 Mar 2019 7:22

Tgt Ion:117 Resp: 148970

Ion	Ratio	Lower	Upper
117	100		
119	4.3	76.3	114.5#
121	0.0	24.6	36.8#



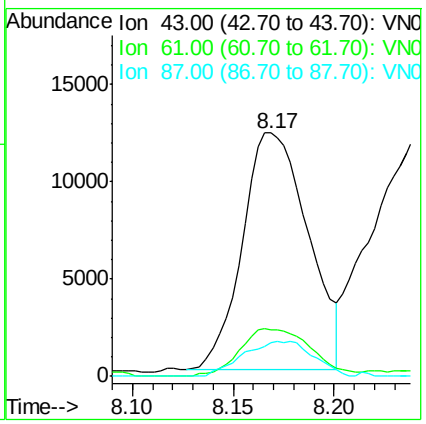


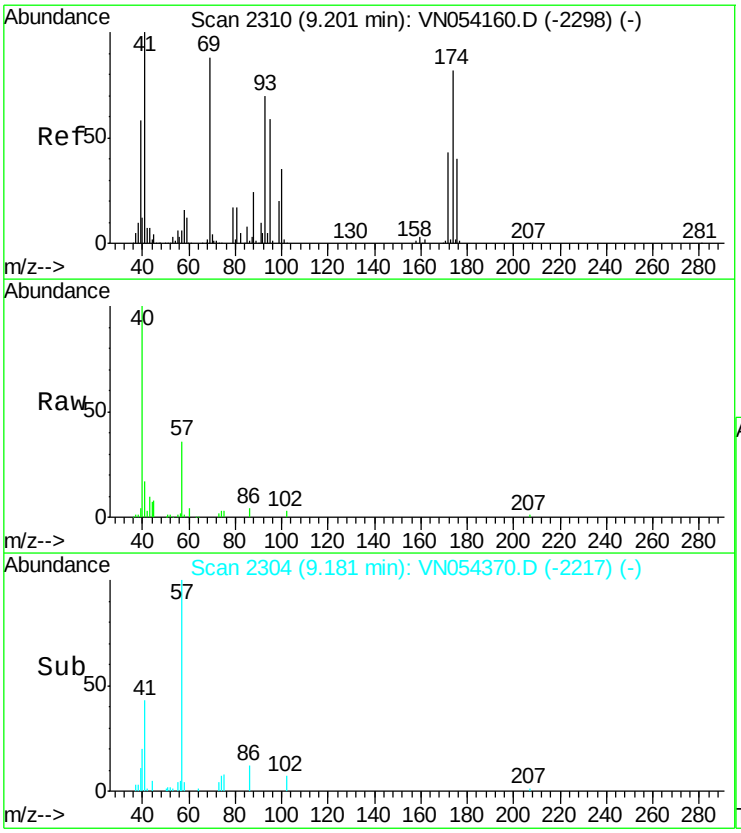
#43
Isopropyl Acetate
Concen: 1.088 ug/l
RT: 8.17 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VN054370.D
Acq: 17 Mar 2019 7:22

Instrument : MSVOA_N
ClientSampleId : SU-01-031519-B

Tgt Ion: 43 Resp: 27549

Ion	Ratio	Lower	Upper
43	100		
61	21.9	15.8	23.8
87	15.8	12.0	18.0

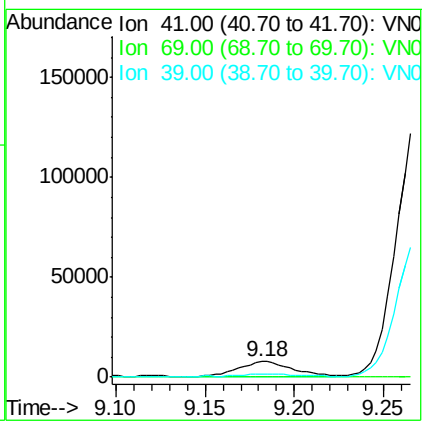


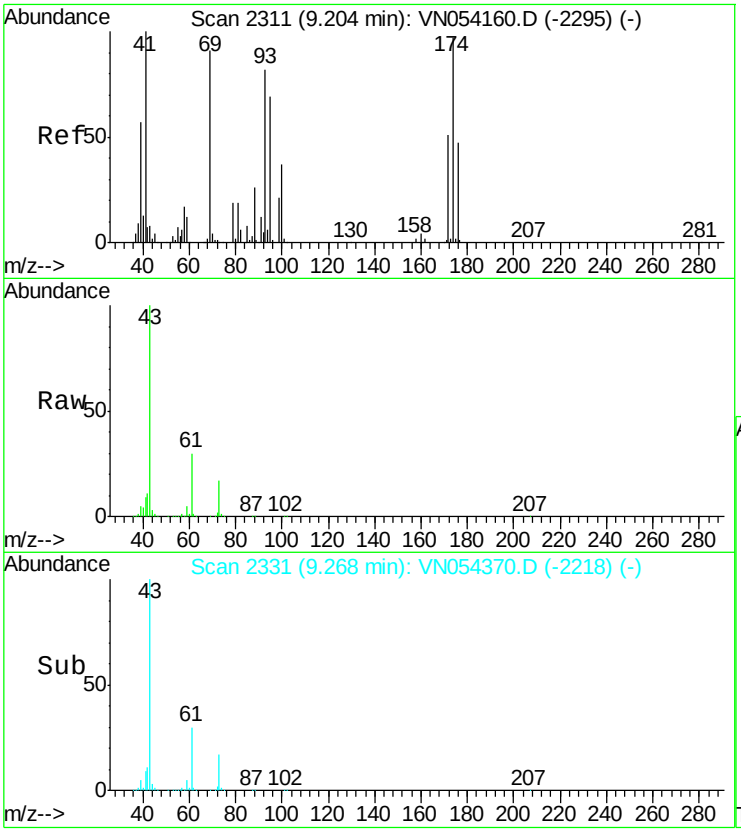


#48
Methyl methacrylate
Concen: 1.205 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.02 min
Lab File: VN054370.D
Acq: 17 Mar 2019 7:22

Tgt Ion: 41 Resp: 15484

Ion	Ratio	Lower	Upper
41	100		
69	0.4	72.6	108.8#
39	0.0	47.5	71.3#



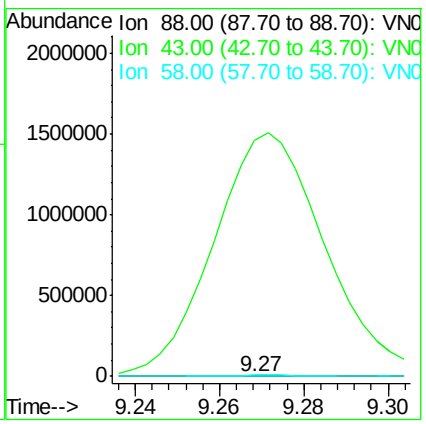


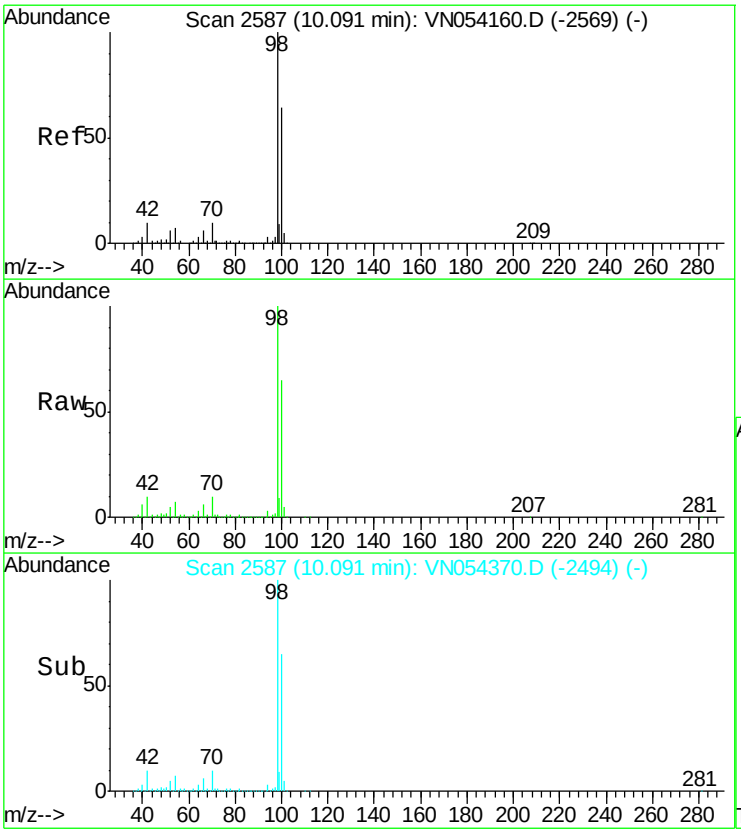
#49
1,4-Dioxane
Concen: 2.443 ug/l
RT: 9.27 min Scan# 2331
Delta R.T. 0.06 min
Lab File: VN054370.D
Acq: 17 Mar 2019 7:22

Instrument :
MSVOA_N
ClientSampleId :
SU-01-031519-B

Tgt Ion: 88 Resp: 444

Ion	Ratio	Lower	Upper
88	100		
43	658035.8	24.1	36.1#
58	3139.2	50.8	76.2#

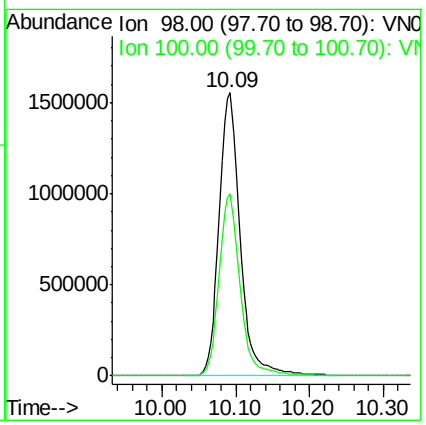


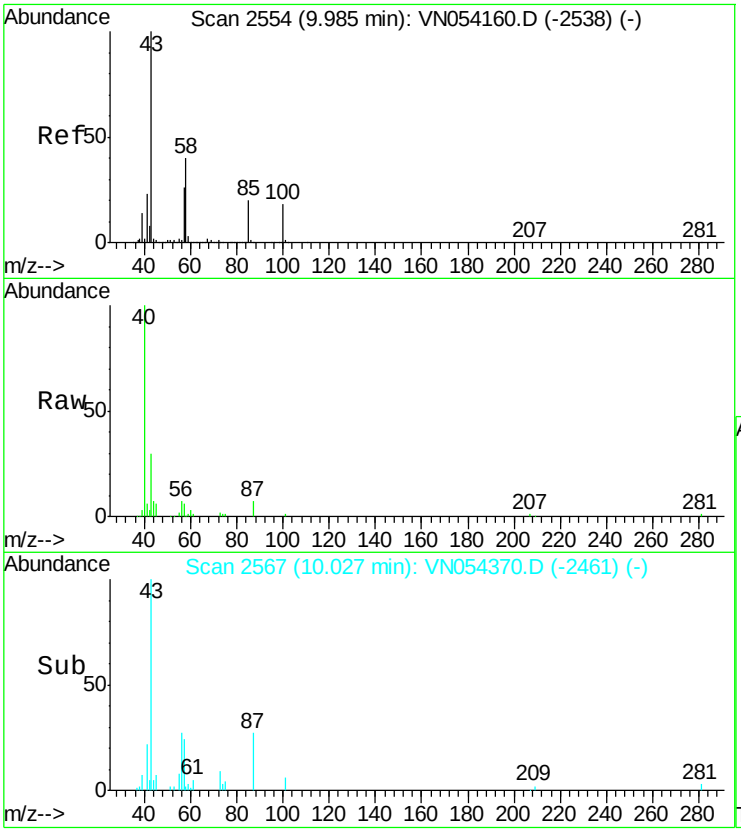


#50
Toluene-d8
Concen: 48.062 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN054370.D
Acq: 17 Mar 2019 7:22

Tgt Ion: 98 Resp: 3120408

Ion	Ratio	Lower	Upper
98	100		
100	63.8	51.2	76.8



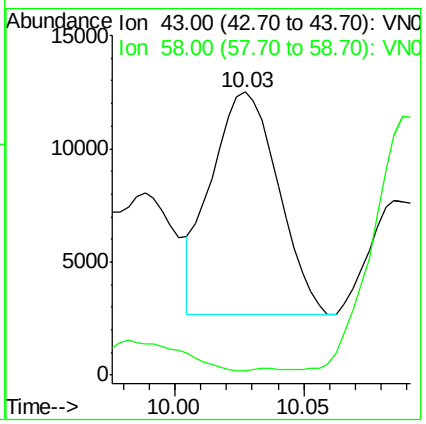


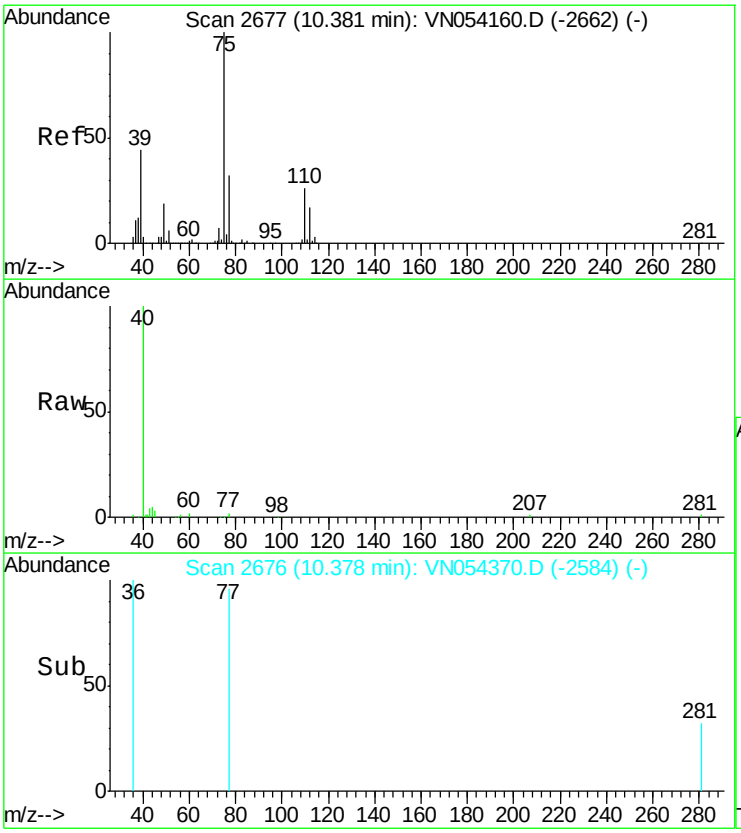
#51
4-Methyl-2-Pentanone
Concen: 1.321 ug/l
RT: 10.03 min Scan# 2567
Delta R.T. 0.04 min
Lab File: VN054370.D
Acq: 17 Mar 2019 7:22

Instrument : MSVOA_N
ClientSampleId : SU-01-031519-B

Tgt Ion: 43 Resp: 17699

Ion	Ratio	Lower	Upper
43	100		
58	0.0	31.8	47.6#

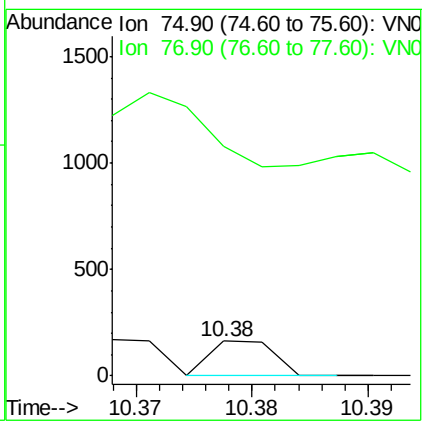


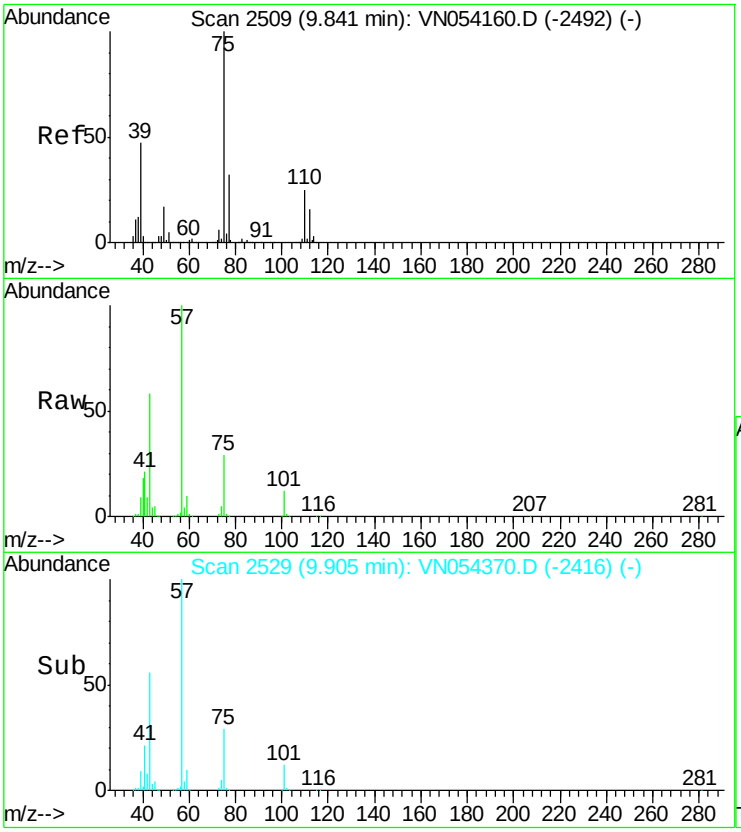


#53
t-1,3-Dichloropropene
Concen: 1.988 ug/l
RT: 10.38 min Scan# 2676
Delta R.T. -0.00 min
Lab File: VN054370.D
Acq: 17 Mar 2019 7:22

Tgt Ion: 75 Resp: 62

Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.8	38.8



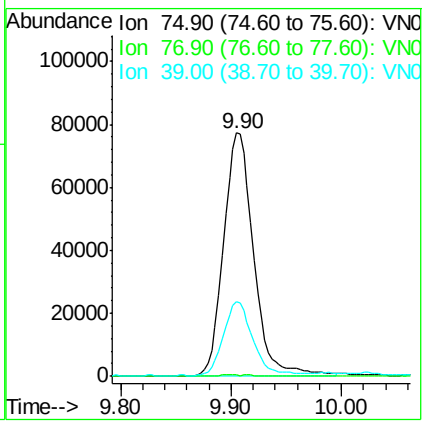


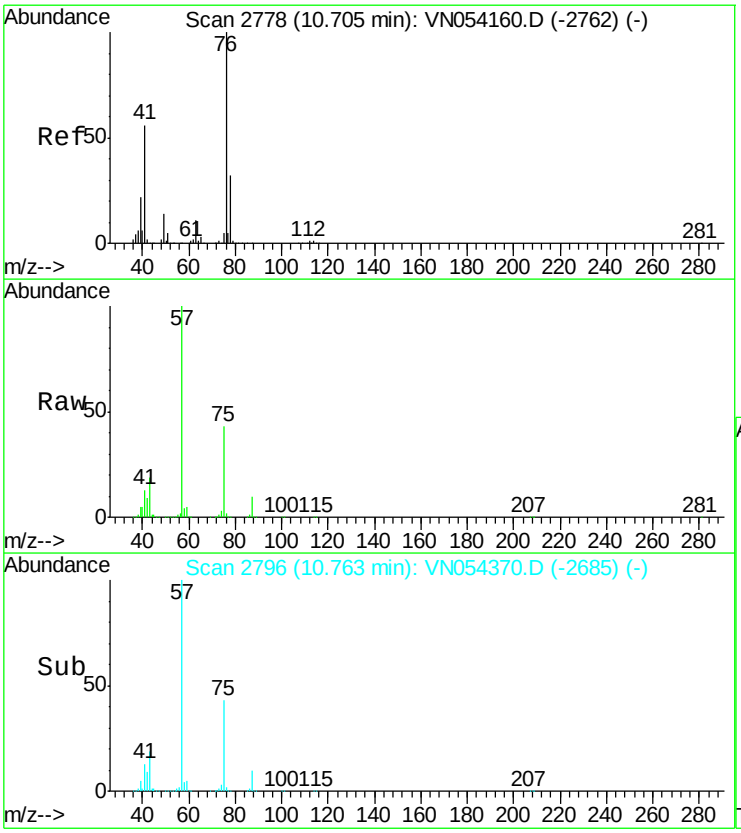
#54
cis-1,3-Dichloropropene
Concen: 5.197 ug/l
RT: 9.90 min Scan# 2529
Delta R.T. 0.06 min
Lab File: VN054370.D
Acq: 17 Mar 2019 7:22

Instrument :
MSVOA_N
ClientSampleId :
SU-01-031519-B

Tgt Ion: 75 Resp: 146299

Ion	Ratio	Lower	Upper
75	100		
77	0.6	25.4	38.0#
39	30.5	37.2	55.8#

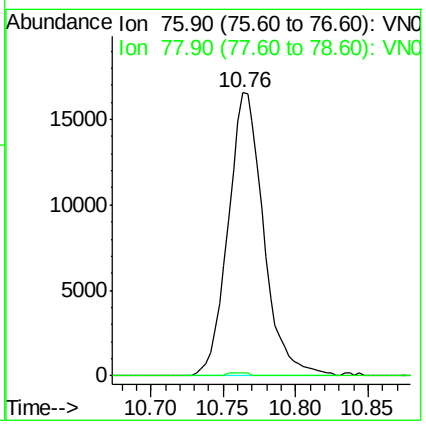


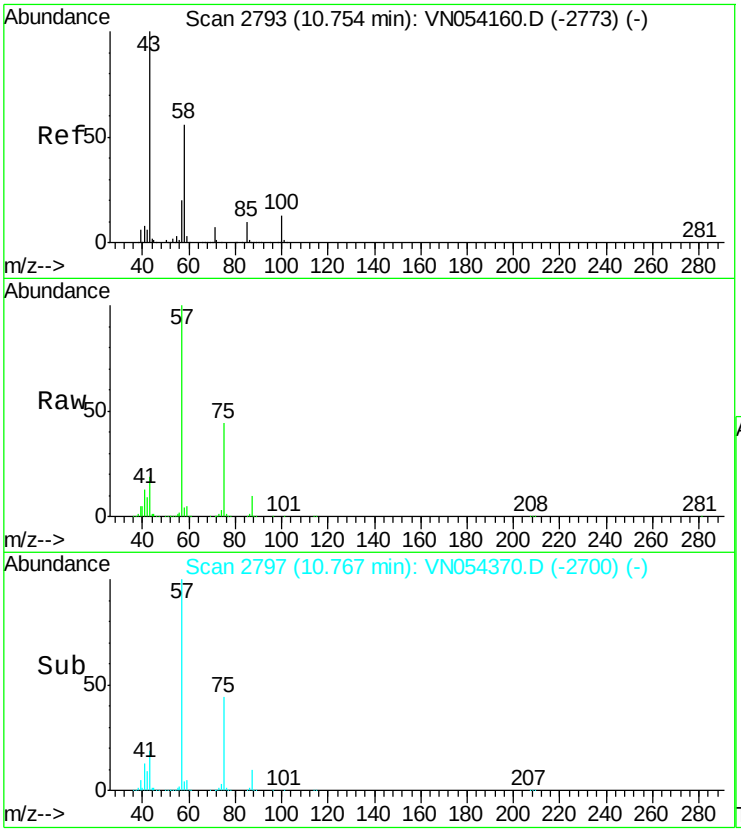


#57
1,3-Dichloropropane
Concen: 1.034 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.06 min
Lab File: VN054370.D
Acq: 17 Mar 2019 7:22

Tgt Ion: 76 Resp: 28112

Ion	Ratio	Lower	Upper
76	100		
78	0.6	25.7	38.5#



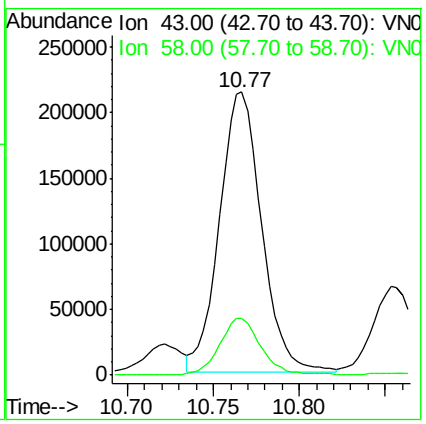


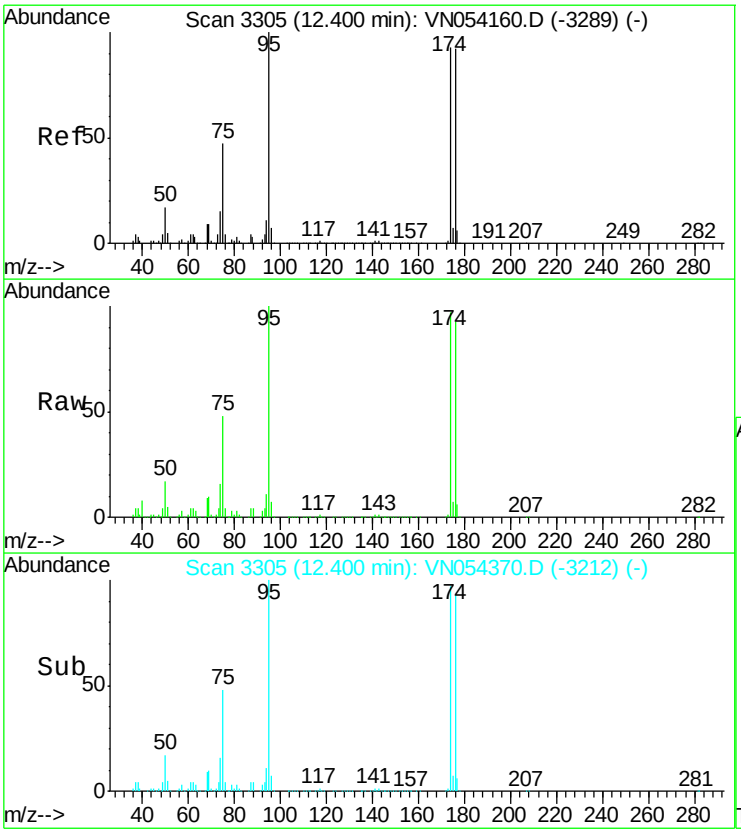
#59
2-Hexanone
Concen: 41.101 ug/l
RT: 10.77 min Scan# 2797
Delta R.T. 0.01 min
Lab File: VN054370.D
Acq: 17 Mar 2019 7:22

Instrument :
MSVOA_N
ClientSampleId :
SU-01-031519-B

Tgt Ion: 43 Resp: 366400

Ion	Ratio	Lower	Upper
43	100		
58	20.0	28.0	83.9#

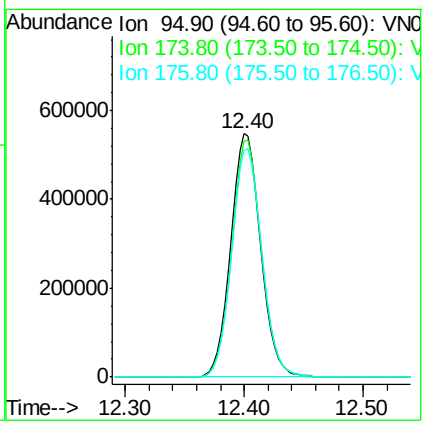


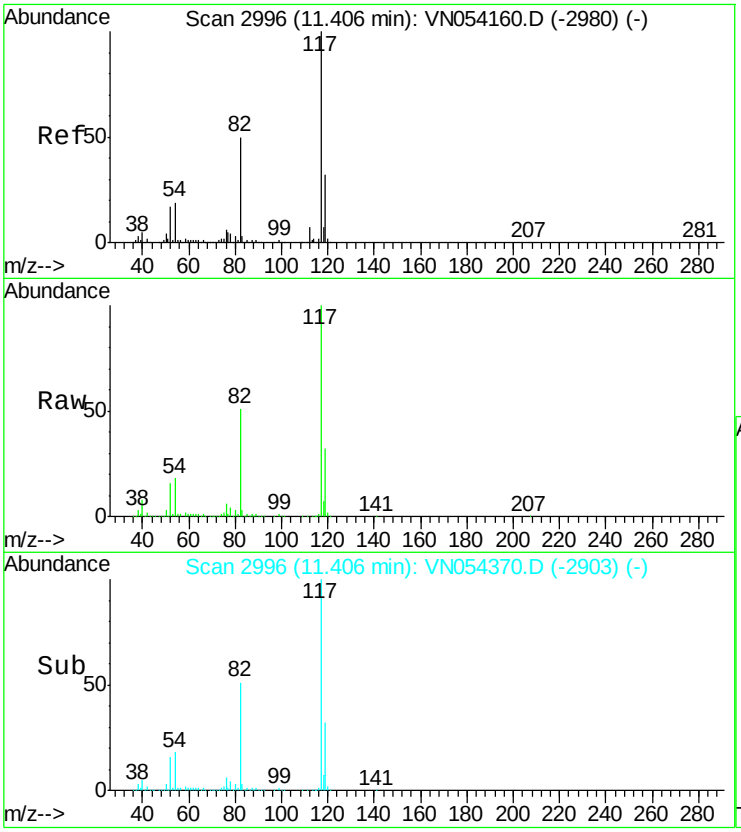


#62
4-Bromofluorobenzene
Concen: 41.866 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN054370.D
Acq: 17 Mar 2019 7:22

Tgt Ion: 95 Resp: 951059

Ion	Ratio	Lower	Upper
95	100		
174	96.8	0.0	191.0
176	94.9	0.0	187.4



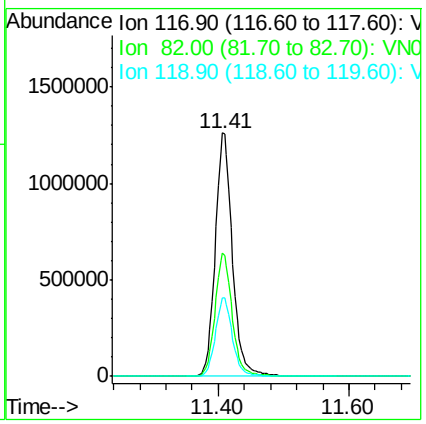


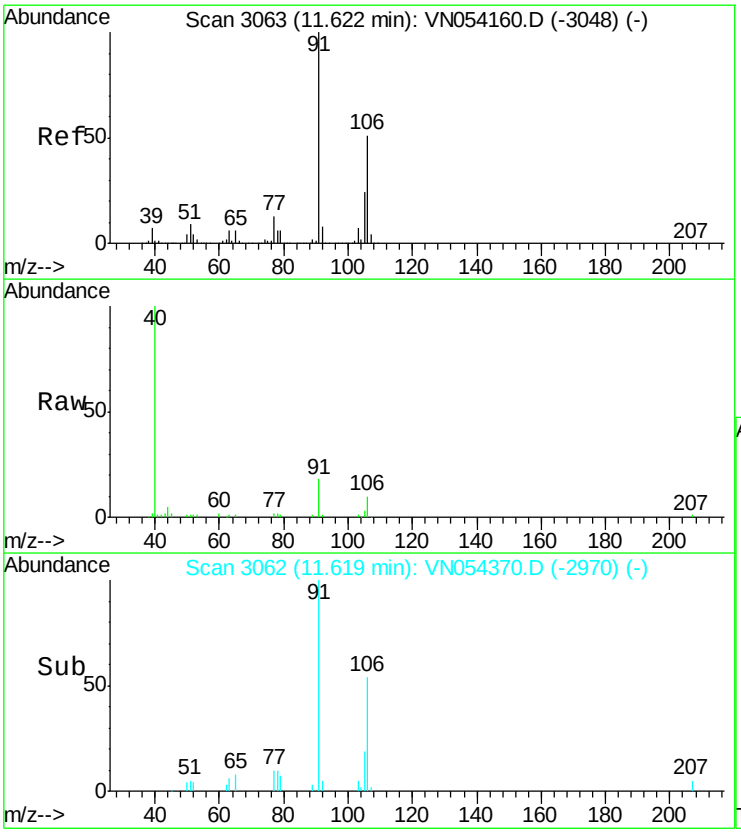
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054370.D
Acq: 17 Mar 2019 7:22

Instrument : MSVOA_N
ClientSampleId : SU-01-031519-B

Tgt Ion:117 Resp: 2303447

Ion	Ratio	Lower	Upper
117	100		
82	50.5	40.0	60.0
119	32.0	25.8	38.6

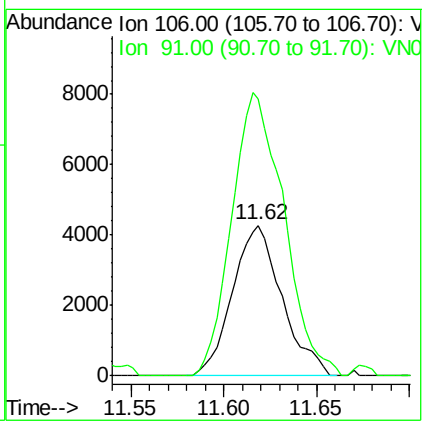


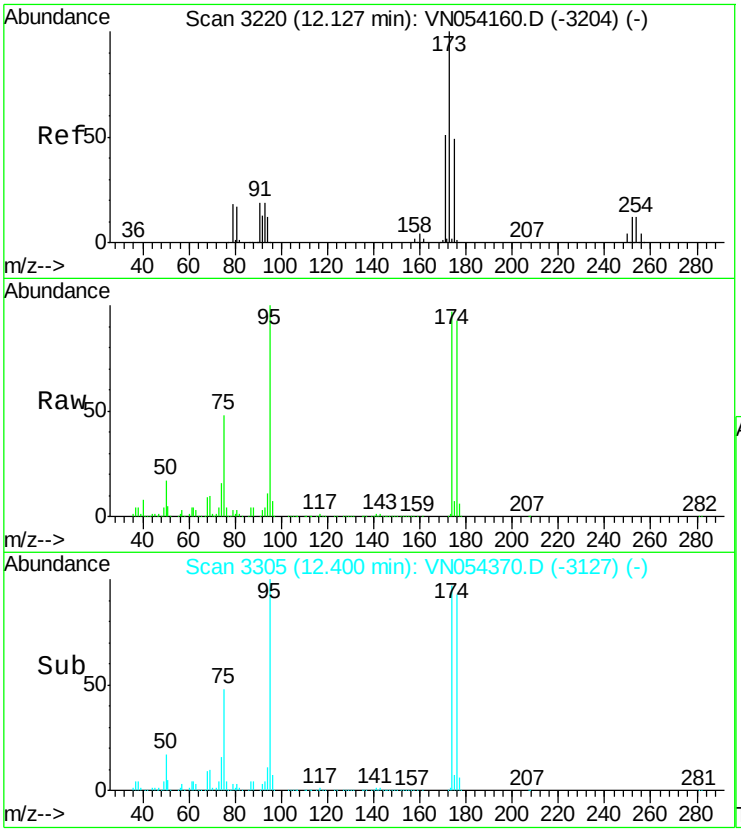


#68
m/p-Xylenes
Concen: 0.242 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN054370.D
Acq: 17 Mar 2019 7:22

Tgt Ion:106 Resp: 7941

Ion	Ratio	Lower	Upper
106	100		
91	198.7	159.4	239.2



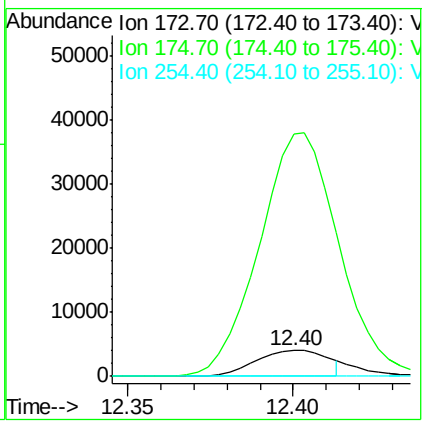


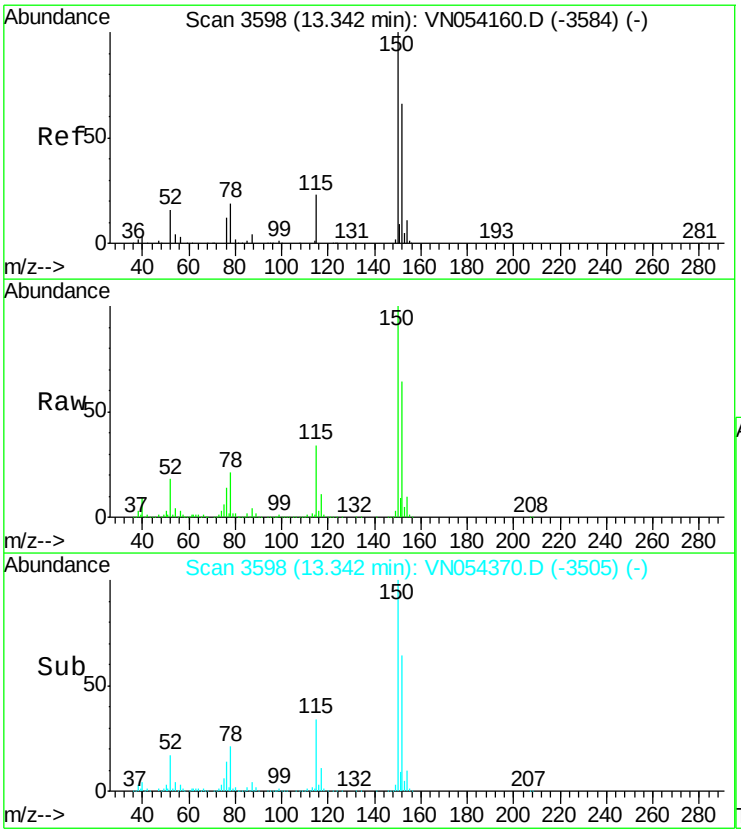
#71
Bromoform
Concen: 2.768 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN054370.D
Acq: 17 Mar 2019 7:22

Instrument :
MSVOA_N
ClientSampleId :
SU-01-031519-B

Tgt Ion:173 Resp: 6135

Ion	Ratio	Lower	Upper
173	100		
175	899.7	24.4	73.2#
254	0.0	0.1	0.1#

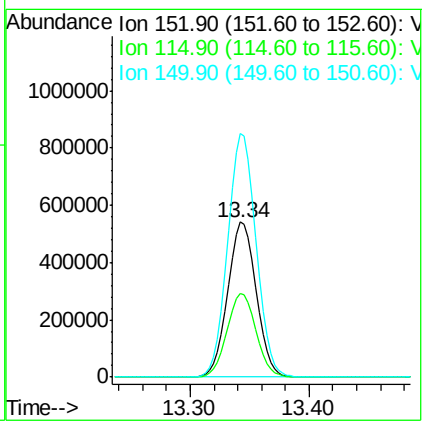


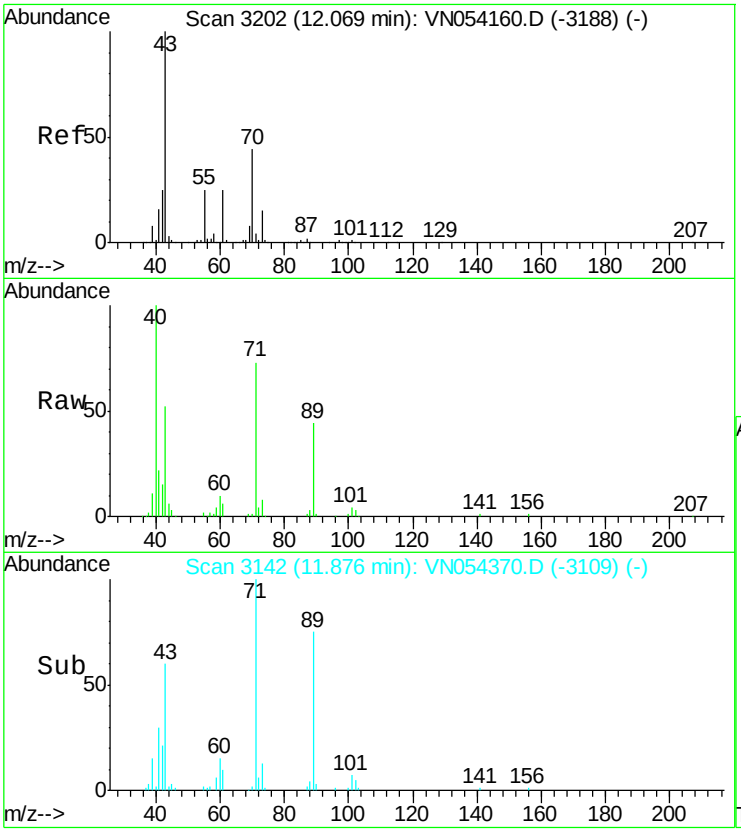


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN054370.D
Acq: 17 Mar 2019 7:22

Tgt Ion:152 Resp: 899222

Ion	Ratio	Lower	Upper
152	100		
115	54.8	27.2	81.6
150	156.5	0.0	349.2



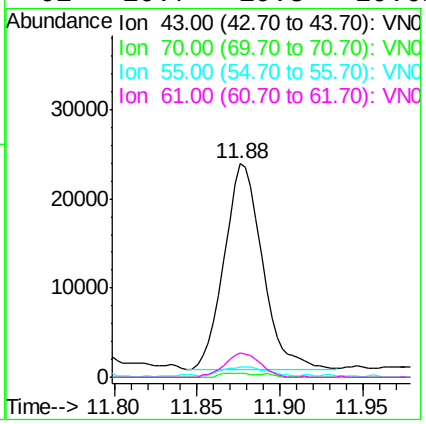


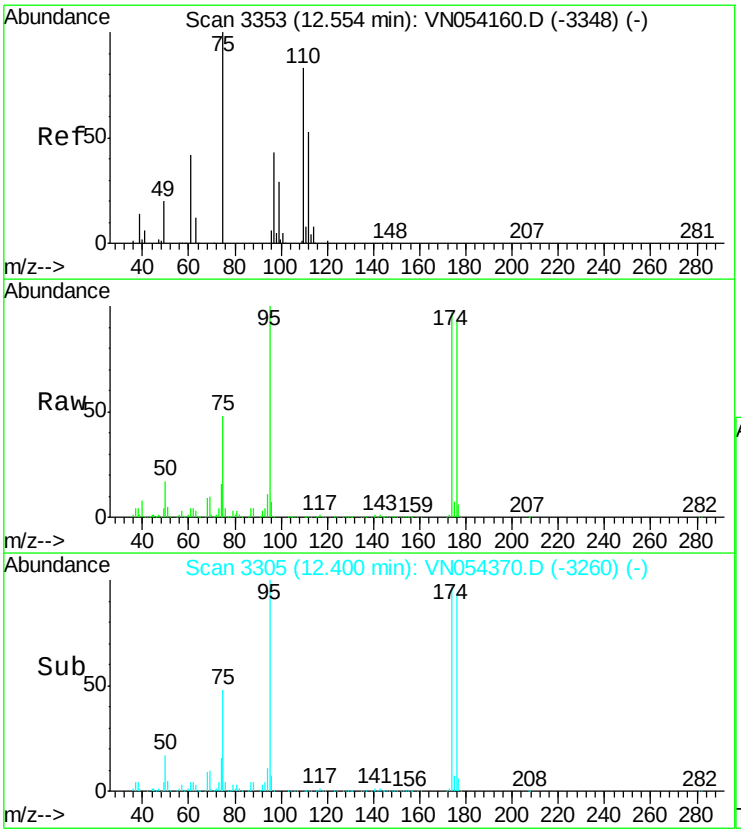
#74
N-amyl acetate
Concen: 2.345 ug/l
RT: 11.88 min Scan# 3142
Delta R.T. -0.19 min
Lab File: VN054370.D
Acq: 17 Mar 2019 7:22

Instrument : MSVOA_N
ClientSampleId : SU-01-031519-B

Tgt Ion: 43 Resp: 37445

Ion	Ratio	Lower	Upper
43	100		
70	1.6	35.4	53.0#
55	4.9	19.8	29.6#
61	10.7	19.8	29.6#

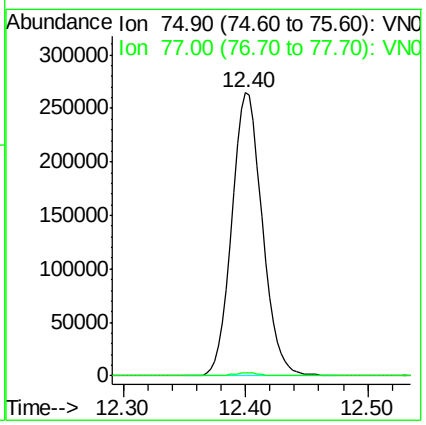


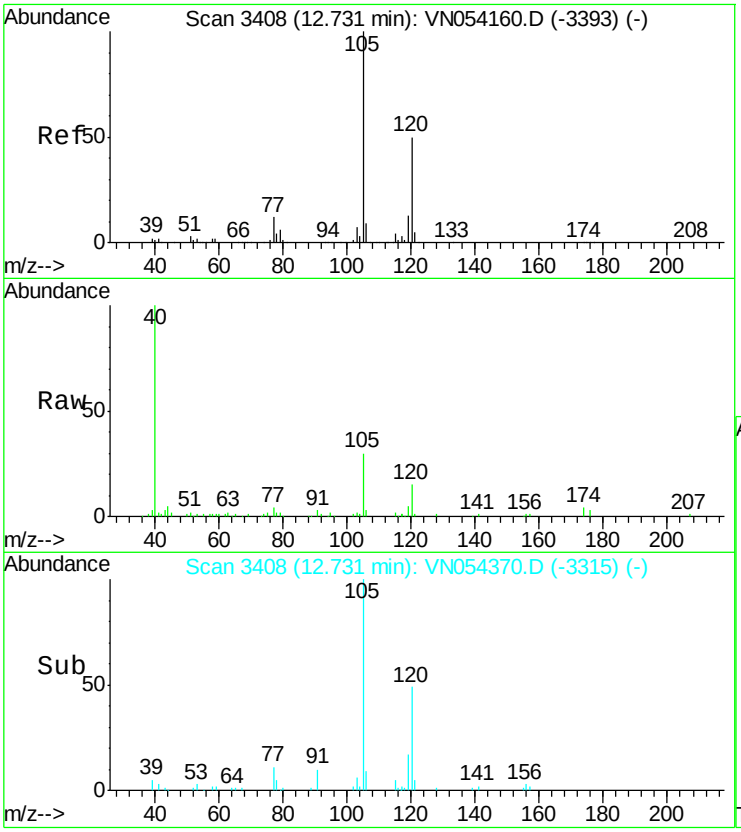


#76
1,2,3-Trichloropropane
Concen: 34.644 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN054370.D
Acq: 17 Mar 2019 7:22

Tgt Ion: 75 Resp: 458120

Ion	Ratio	Lower	Upper
75	100		
77	1.1	0.0	0.0#



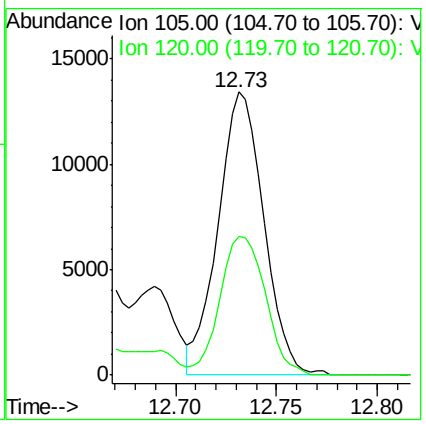


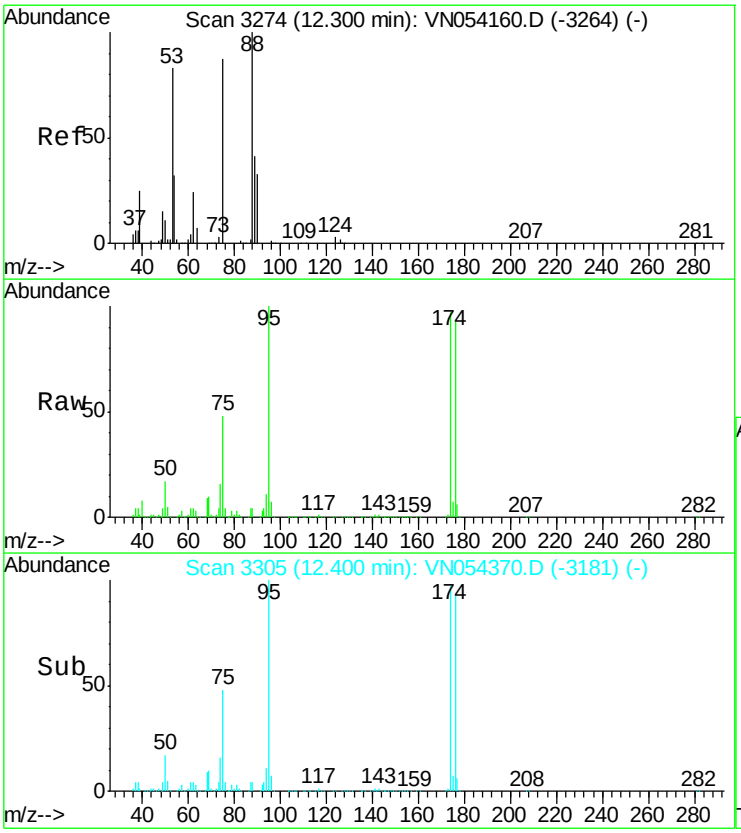
#80
1,3,5-Trimethylbenzene
Concen: 0.355 ug/l
RT: 12.73 min Scan# 3408
Delta R.T. 0.00 min
Lab File: VN054370.D
Acq: 17 Mar 2019 7:22

Instrument :
MSVOA_N
ClientSampleId :
SU-01-031519-B

Tgt Ion:105 Resp: 21270

Ion	Ratio	Lower	Upper
105	100		
120	49.0	25.0	75.0

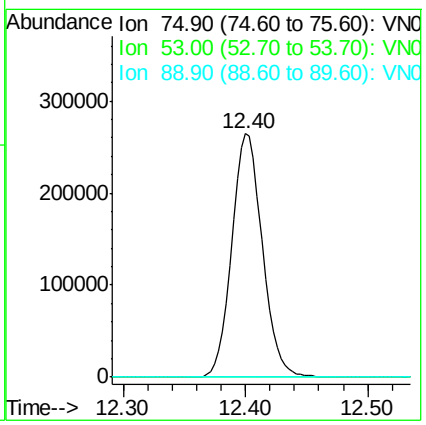


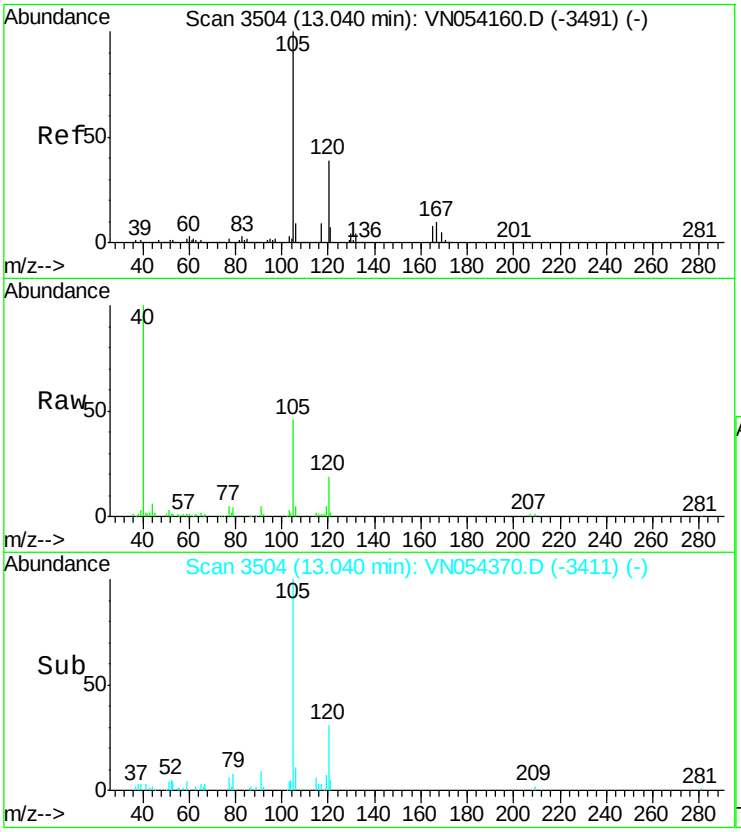


#81
trans-1,4-Dichloro-2-butene
Concen: 118.430 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN054370.D
Acq: 17 Mar 2019 7:22

Tgt Ion: 75 Resp: 458120

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



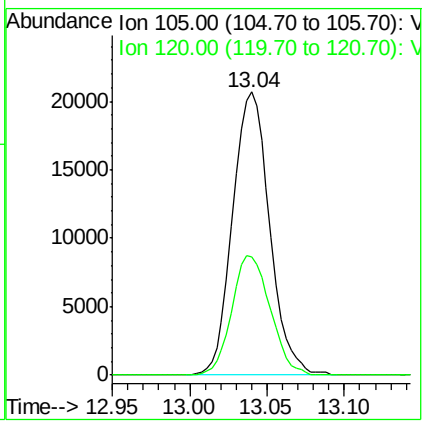


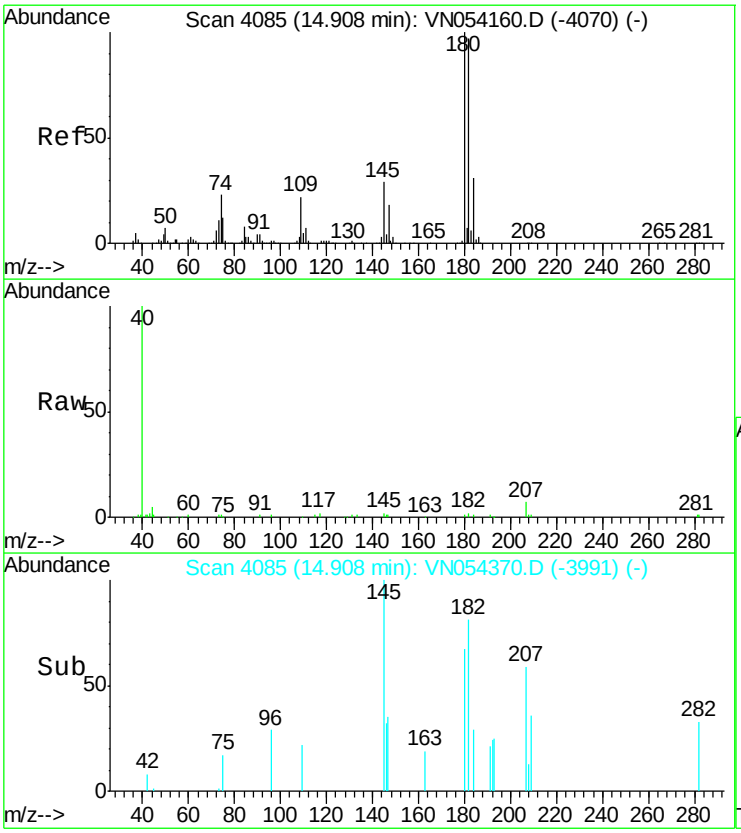
#84
1,2,4-Trimethylbenzene
Concen: 0.585 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN054370.D
Acq: 17 Mar 2019 7:22

Instrument :
MSVOA_N
ClientSampleId :
SU-01-031519-B

Tgt Ion:105 Resp: 34367

Ion	Ratio	Lower	Upper
105	100		
120	43.6	23.4	70.3

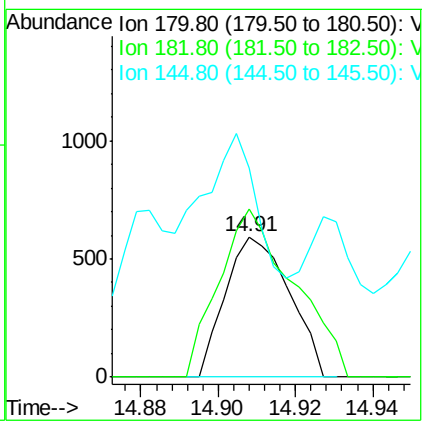


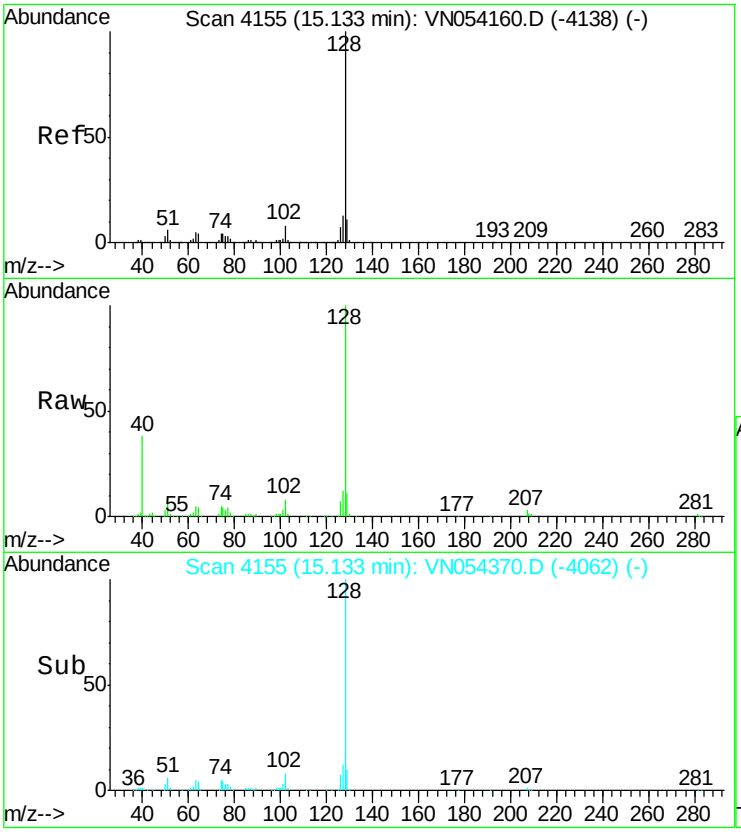


#93
1,2,4-Trichlorobenzene
Concen: 2.551 ug/l
RT: 14.91 min Scan# 4085
Delta R.T. 0.00 min
Lab File: VN054370.D
Acq: 17 Mar 2019 7:22

Tgt Ion:180 Resp: 679

Ion	Ratio	Lower	Upper
180	100		
182	140.5	48.0	144.2
145	187.2	14.2	42.8#





#95
Naphthalene
Concen: 8.633 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN054370.D
Acq: 17 Mar 2019 7:22

Instrument :
MSVOA_N
ClientSampleId :
SU-01-031519-B

Tgt Ion:128 Resp: 218835

Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.1	15.1
129	10.8	8.7	13.1