Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN021819\
Data File : VN053854.D
Acq On : 18 Feb 2019 20:09
Operator : JC/SP
Sample : K1518-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : CABLE-BRIDGE-FOUNDATION-D-1

Quant Time: Feb 19 03:04:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 01 09:11:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	614166	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1074957	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1054625	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	414113	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	345921	56.14	ug/l	0.00
Spiked Amount 50.000			Recovery = 112.28%			
35) Dibromofluoromethane	7.59	113	344728	50.75	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.50%			
50) Toluene-d8	10.09	98	1325823	51.99	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.98%			
62) 4-Bromofluorobenzene	12.40	95	457030	53.73	ug/l	0.00
Spiked Amount 50.000			Recovery = 107.46%			
Target Compounds						Qvalue
8) Diethyl Ether	3.42	74	1025	0.292	ug/l #	49
11) Tert butyl alcohol	4.78	59	149	0.409	ug/l #	72
16) Acetone	3.81	43	16883	10.683	ug/l	97
18) Methyl Acetate	4.33	43	3249	0.694	ug/l #	88
20) Methylene Chloride	4.55	84	27252	4.110	ug/l	96
25) 2-Butanone	6.85	43	3454	1.532	ug/l	90
29) Tetrahydrofuran	7.22	42	1211	0.837	ug/l #	55
31) Cyclohexane	7.67	56	8383	0.637	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	37292	3.848	ug/l #	49
38) Carbon Tetrachloride	7.67	117	51371	5.263	ug/l #	16
41) Methacrylonitrile	7.23	41	919	0.304	ug/l #	25
43) Isopropyl Acetate	8.17	43	29858	2.857	ug/l #	72
48) Methyl methacrylate	9.18	41	8019	1.607	ug/l #	21
51) 4-Methyl-2-Pentanone	9.99	43	4867	0.948	ug/l	99
54) cis-1,3-Dichloropropene	9.90	75	48287	4.248	ug/l #	62
57) 1,3-Dichloropropane	10.77	76	8401	0.769	ug/l #	43
59) 2-Hexanone	10.76	43	103653	29.729	ug/l #	50
71) Bromoform	12.40	173	3167	0.590	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	210726	39.617	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	210726	111.401	ug/l #	15
95) Naphthalene	15.14	128	1129	1.796	ug/l #	69

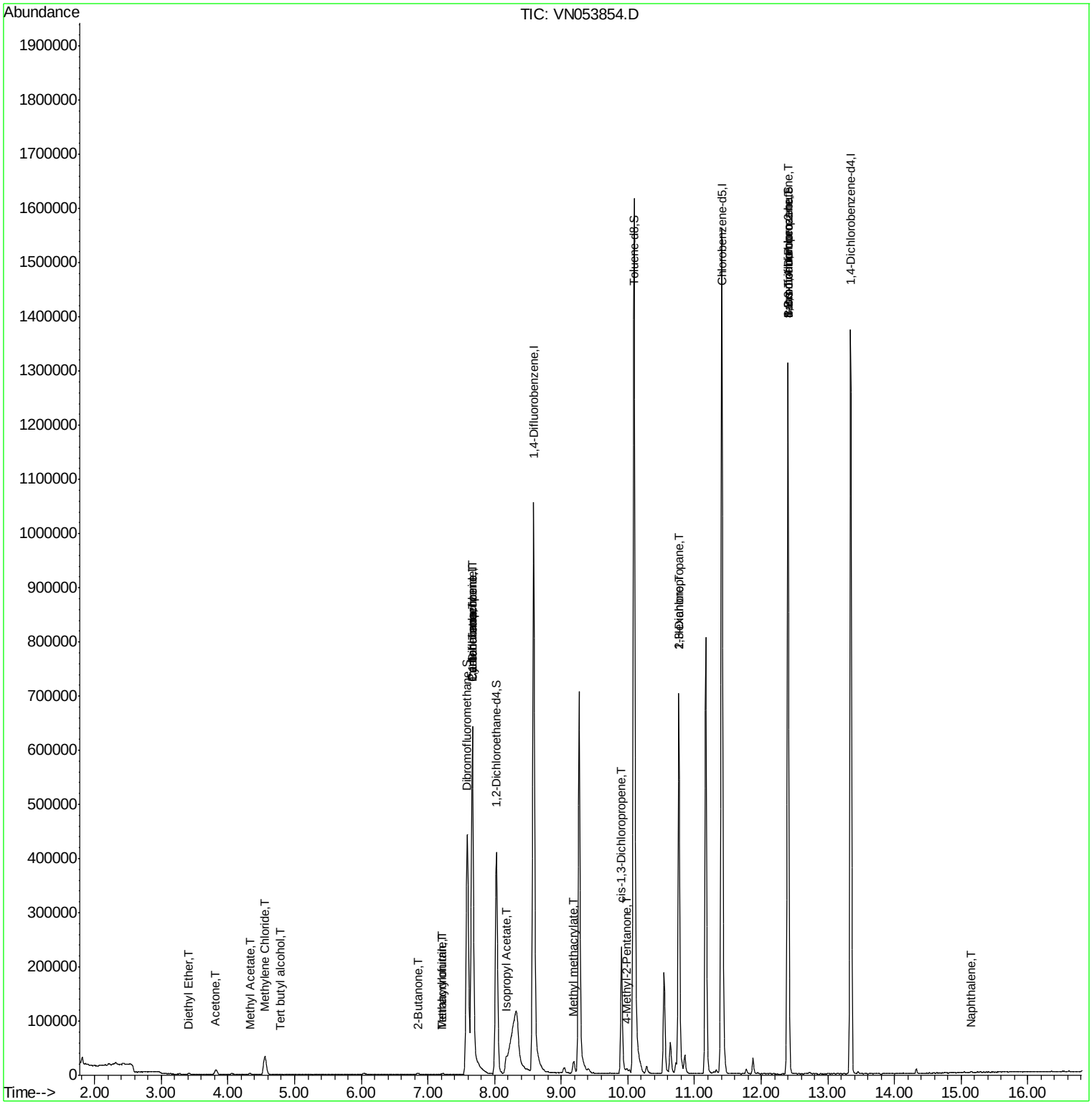
(#) = qualifier out of range (m) = manual integration (+) = signals summed

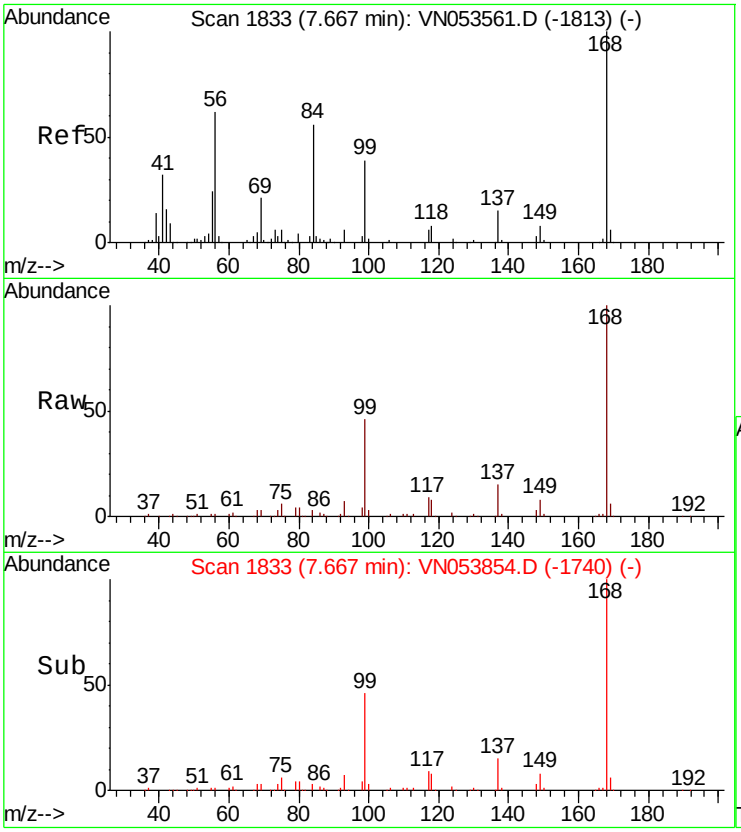
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN021819\
Data File : VN053854.D
Acq On : 18 Feb 2019 20:09
Operator : JC/SP
Sample : K1518-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-1

Quant Time: Feb 19 03:04:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 01 09:11:52 2019
Response via : Initial Calibration



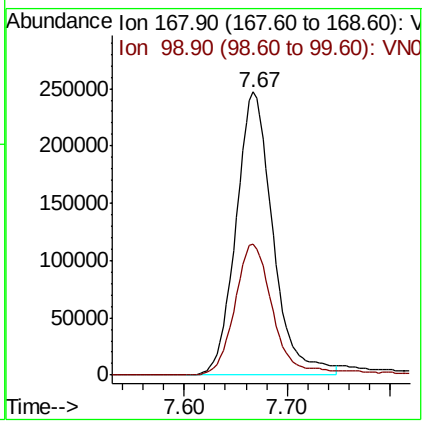


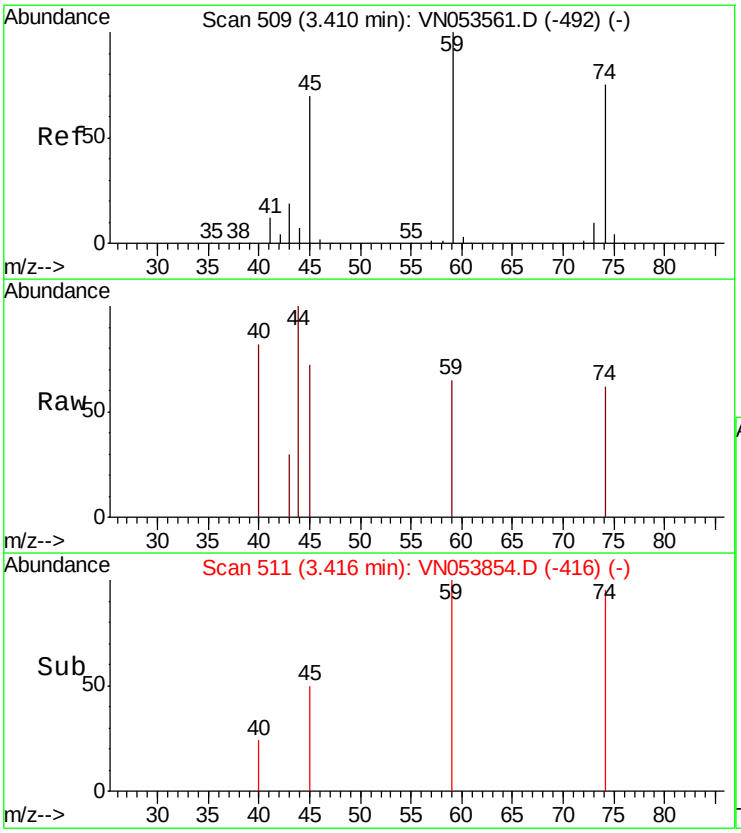
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VN053854.D
Acq: 18 Feb 2019 20:09

Instrument :
MSVOA_N
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-1

Tgt Ion:168 Resp: 614166

Ion	Ratio	Lower	Upper
168	100		
99	46.2	39.1	58.7

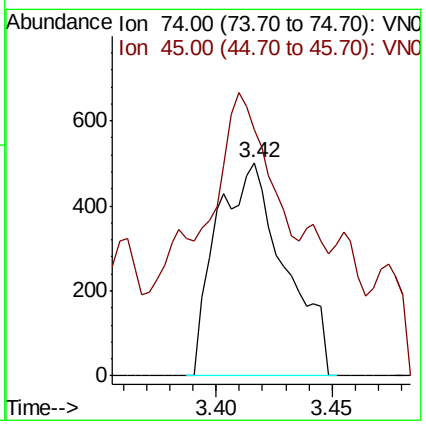


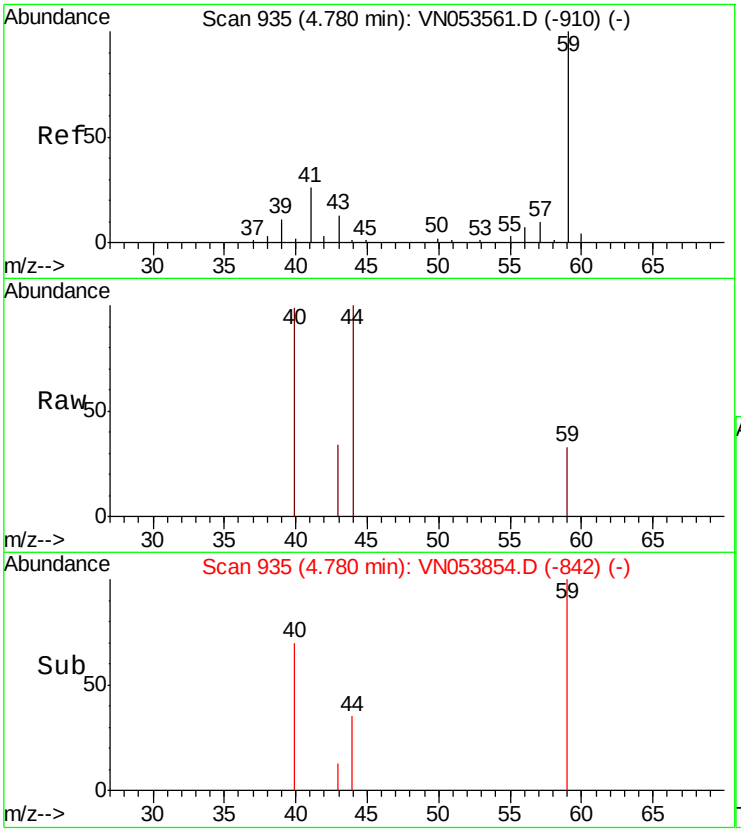


#8
Diethyl Ether
Concen: 0.292 ug/l
RT: 3.42 min Scan# 511
Delta R.T. 0.01 min
Lab File: VN053854.D
Acq: 18 Feb 2019 20:09

Tgt Ion: 74 Resp: 1025

Ion	Ratio	Lower	Upper
74	100		
45	46.0	47.9	143.7#



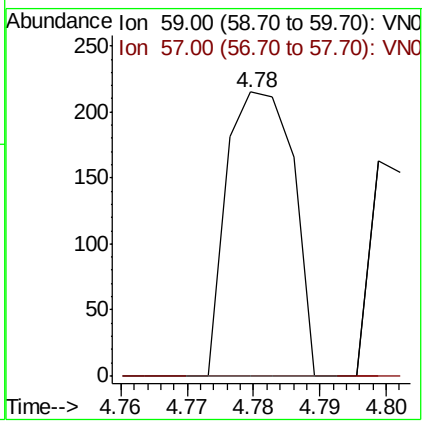


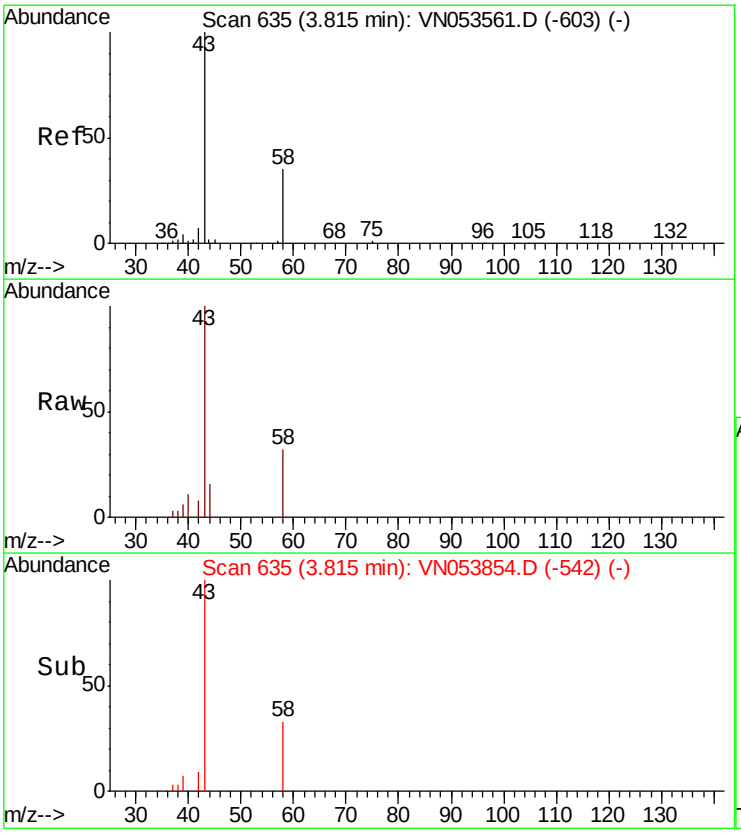
#11
Tert butyl alcohol
Concen: 0.409 ug/l
RT: 4.78 min Scan# 935
Delta R.T. -0.00 min
Lab File: VN053854.D
Acq: 18 Feb 2019 20:09

Instrument :
MSVOA_N
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-1

Tgt Ion: 59 Resp: 149

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.2	12.4#

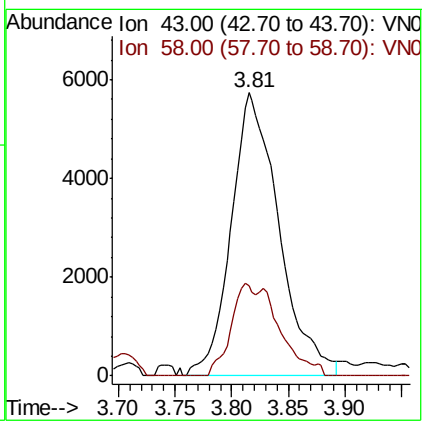


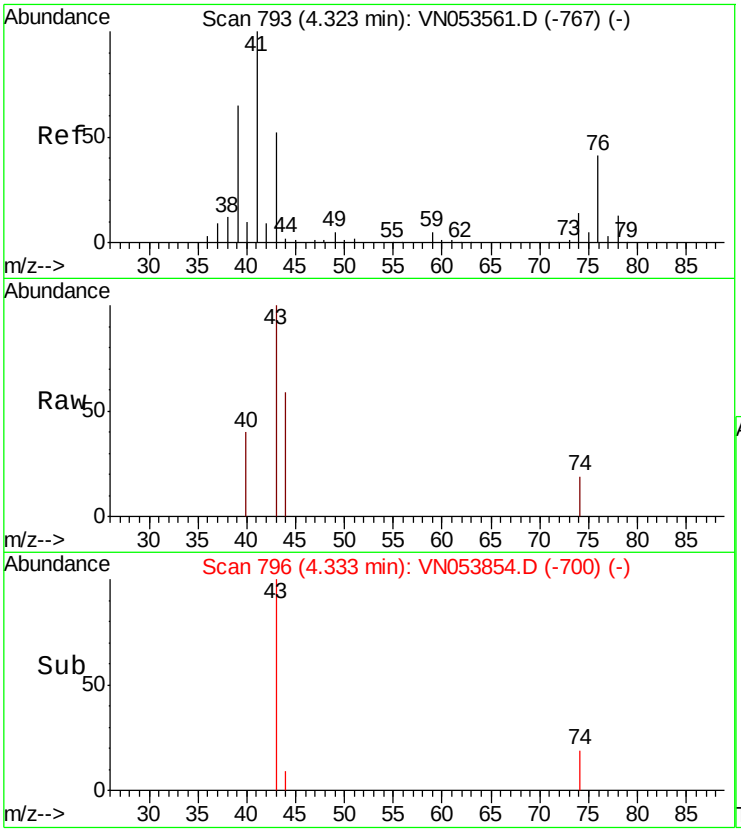


#16
Acetone
Concen: 10.683 ug/l
RT: 3.81 min Scan# 635
Delta R.T. -0.00 min
Lab File: VN053854.D
Acq: 18 Feb 2019 20:09

Tgt Ion: 43 Resp: 16883

Ion	Ratio	Lower	Upper
43	100		
58	32.0	27.1	40.7



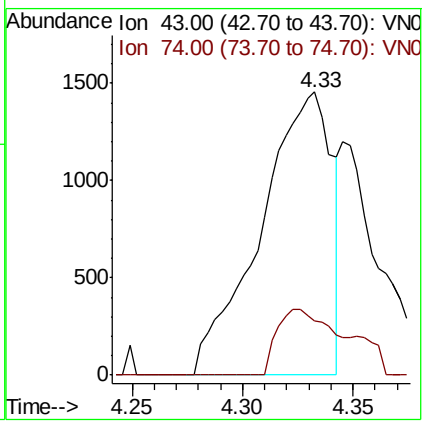


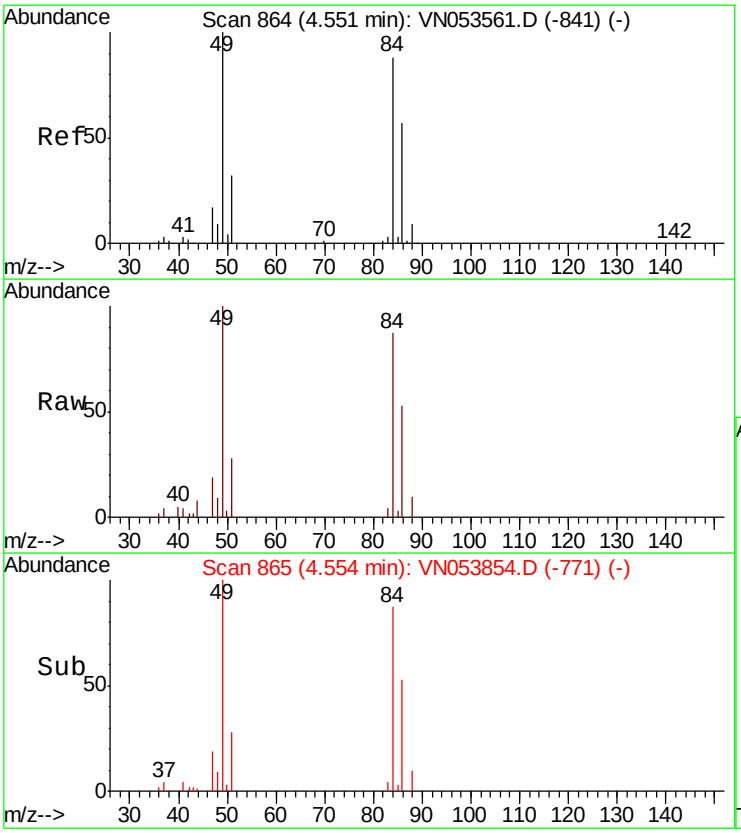
#18
Methyl Acetate
Concen: 0.694 ug/l
RT: 4.33 min Scan# 796
Delta R.T. 0.01 min
Lab File: VN053854.D
Acq: 18 Feb 2019 20:09

Instrument :
MSVOA_N
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-1

Tgt Ion: 43 Resp: 3249

Ion	Ratio	Lower	Upper
43	100		
74	18.4	19.4	29.2#

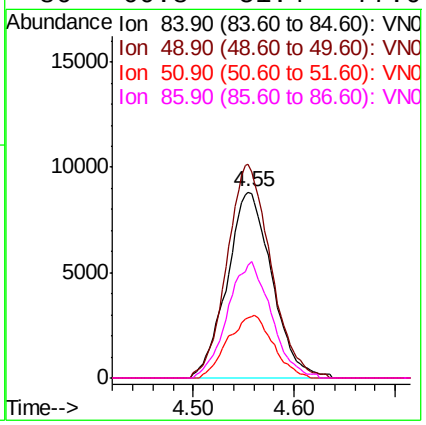


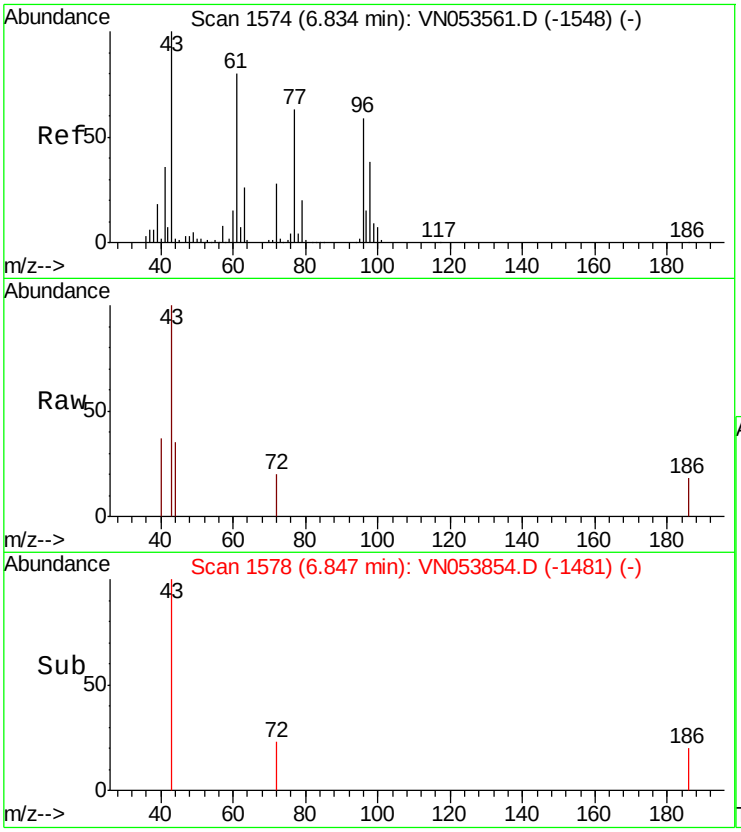


#20
Methylene Chloride
Concen: 4.110 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN053854.D
Acq: 18 Feb 2019 20:09

Tgt Ion: 84 Resp: 27252

Ion	Ratio	Lower	Upper
84	100		
49	114.7	94.3	141.5
51	32.4	29.4	44.2
86	60.8	51.4	77.0



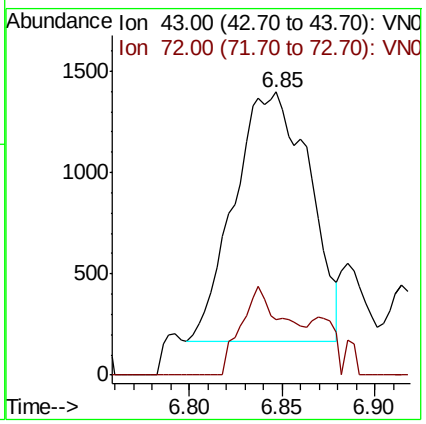


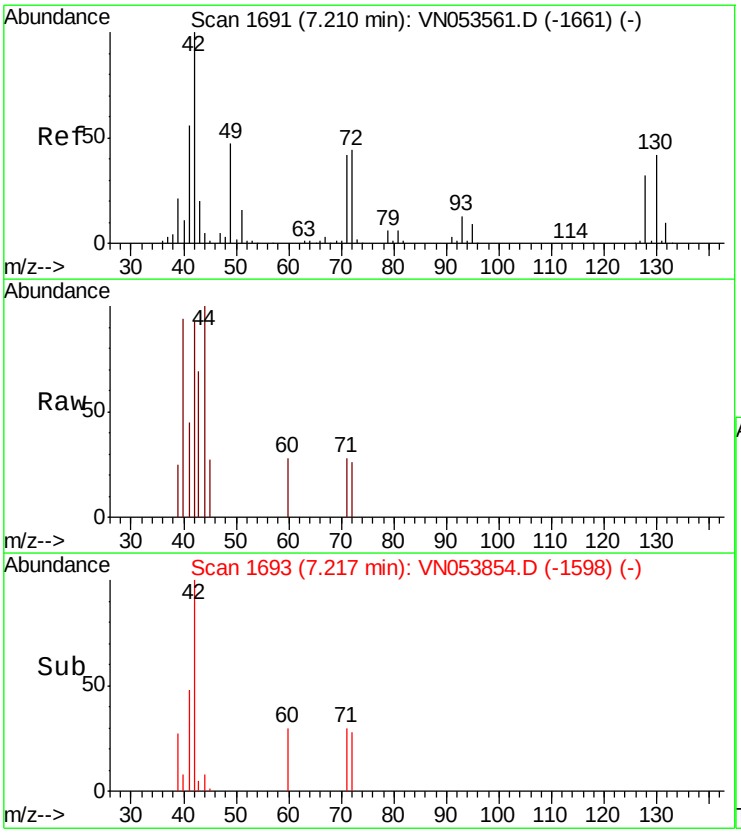
#25
2-Butanone
Concen: 1.532 ug/l
RT: 6.85 min Scan# 1578
Delta R.T. 0.01 min
Lab File: VN053854.D
Acq: 18 Feb 2019 20:09

Instrument :
MSVOA_N
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-1

Tgt Ion: 43 Resp: 3454

Ion	Ratio	Lower	Upper
43	100		
72	22.4	22.0	33.0

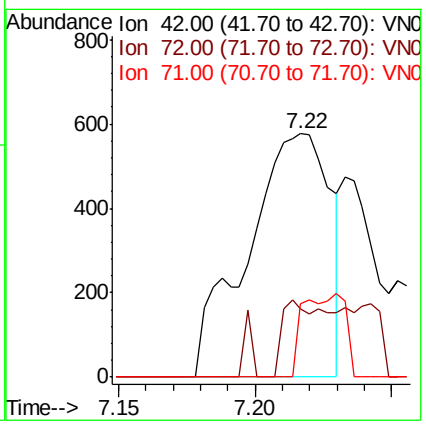


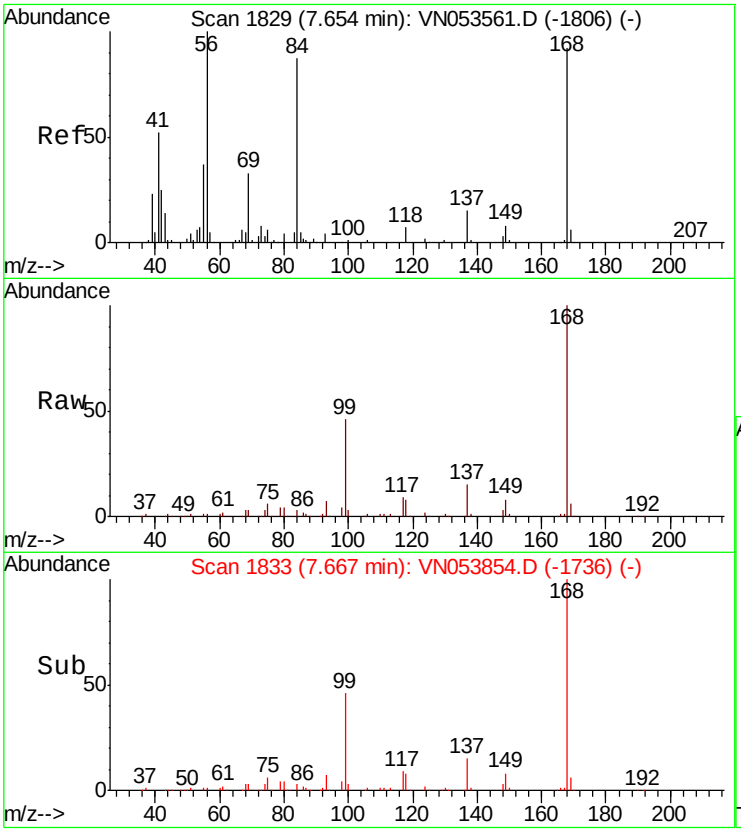


#29
Tetrahydrofuran
Concen: 0.837 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.01 min
Lab File: VN053854.D
Acq: 18 Feb 2019 20:09

Tgt Ion: 42 Resp: 1211

Ion	Ratio	Lower	Upper
42	100		
72	10.5	35.2	52.8#
71	17.3	33.0	49.4#



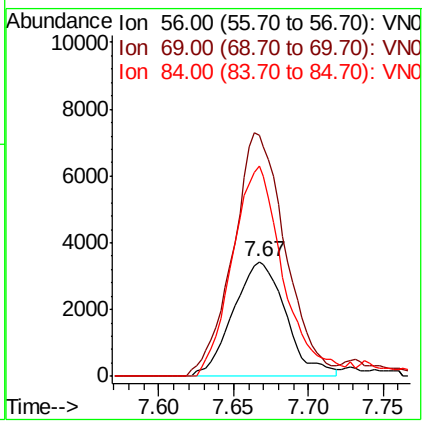


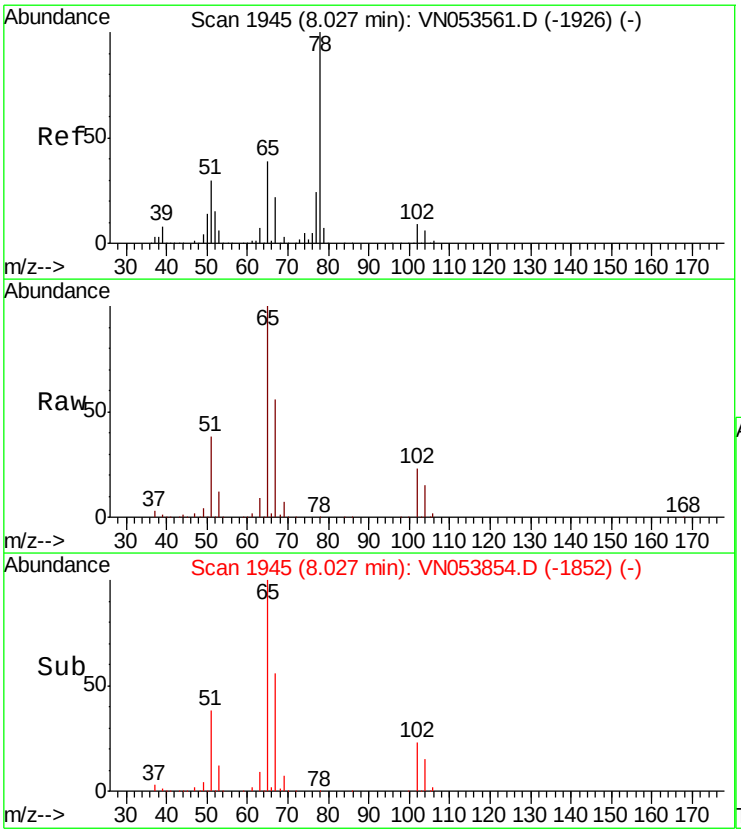
#31
Cyclohexane
Concen: 0.637 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.01 min
Lab File: VN053854.D
Acq: 18 Feb 2019 20:09

Instrument :
MSVOA_N
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-1

Tgt Ion: 56 Resp: 8383

Ion	Ratio	Lower	Upper
56	100		
69	210.7	26.4	39.6#
84	184.2	67.9	101.9#

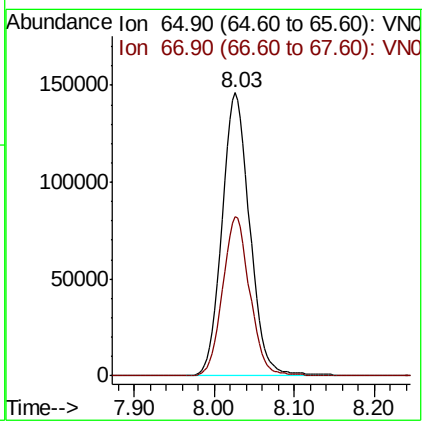


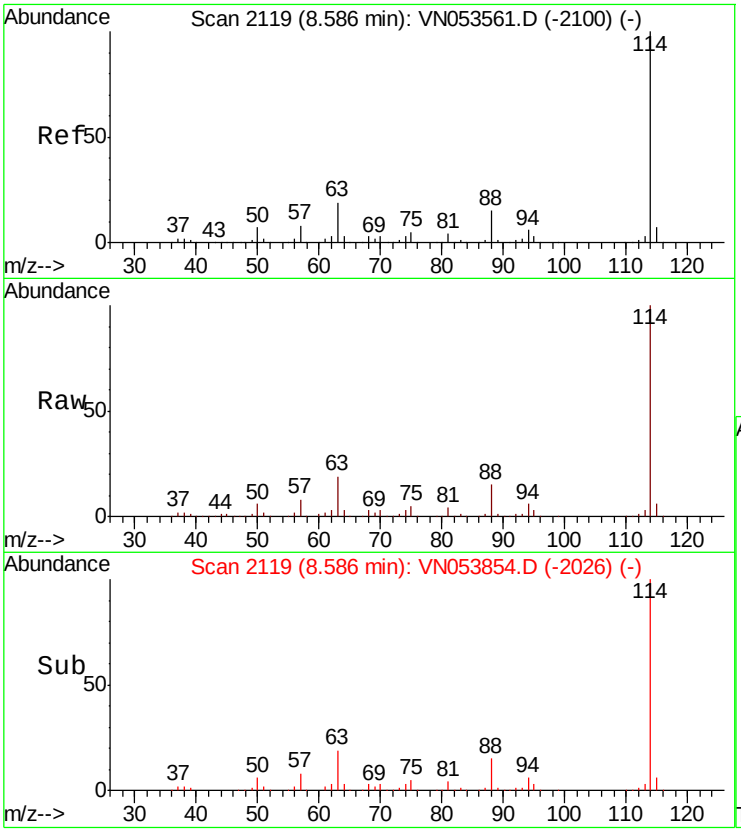


#33
1,2-Dichloroethane-d4
Concen: 56.144 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN053854.D
Acq: 18 Feb 2019 20:09

Tgt Ion: 65 Resp: 345921

Ion	Ratio	Lower	Upper
65	100		
67	55.3	0.0	111.2



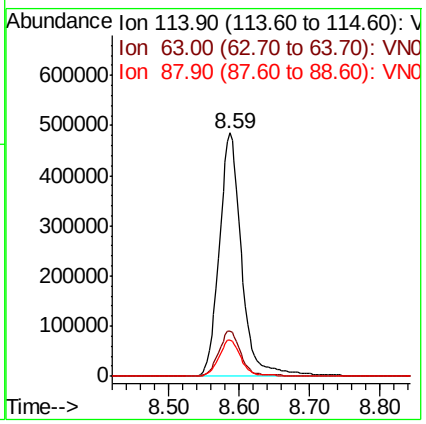


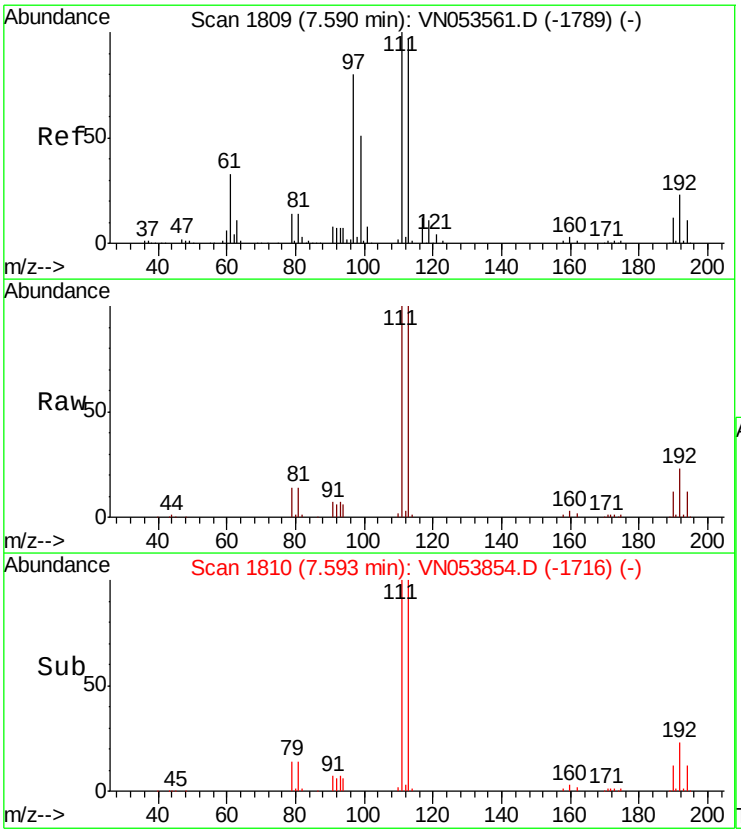
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VN053854.D
Acq: 18 Feb 2019 20:09

Instrument :
MSVOA_N
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-1

Tgt Ion:114 Resp: 1074957

Ion	Ratio	Lower	Upper
114	100		
63	18.8	0.0	38.6
88	15.0	0.0	30.4

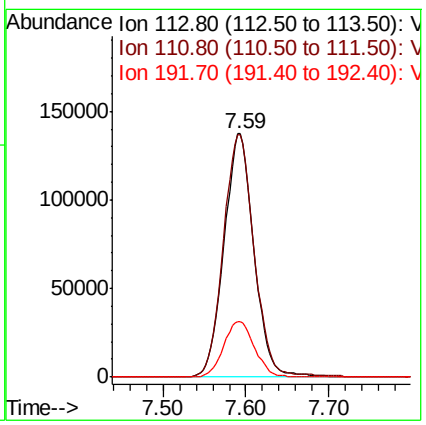


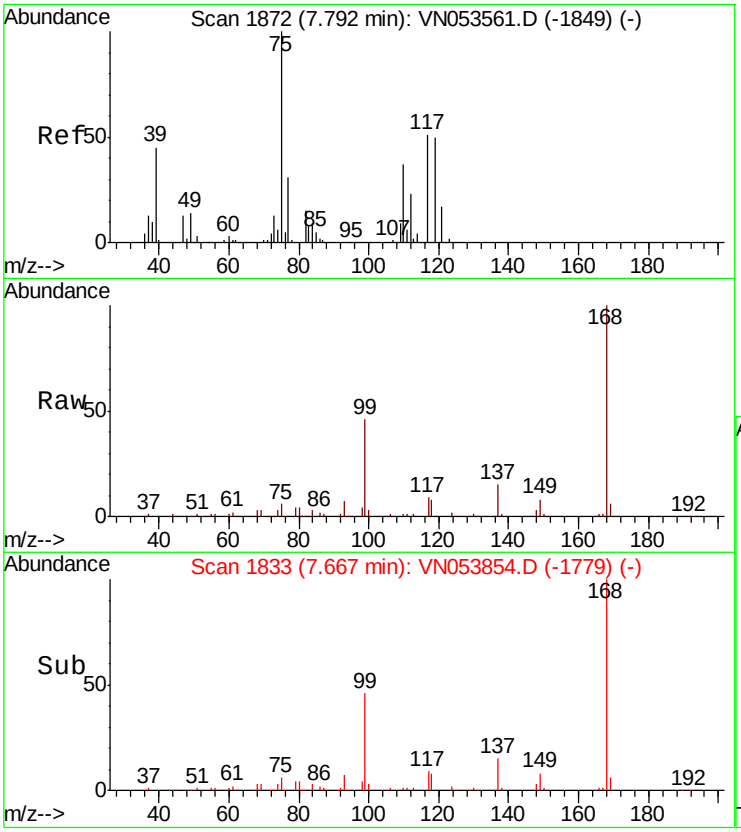


#35
Dibromofluoromethane
Concen: 50.752 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN053854.D
Acq: 18 Feb 2019 20:09

Tgt Ion:113 Resp: 344728

Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.1	121.7
192	23.6	18.2	27.2



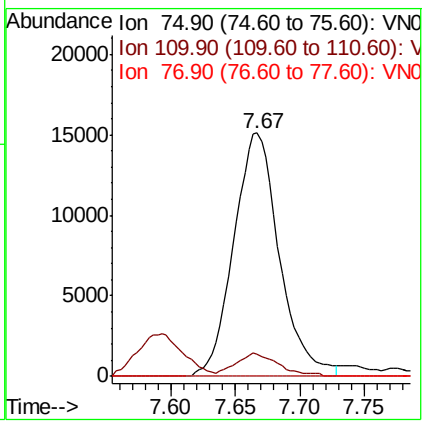


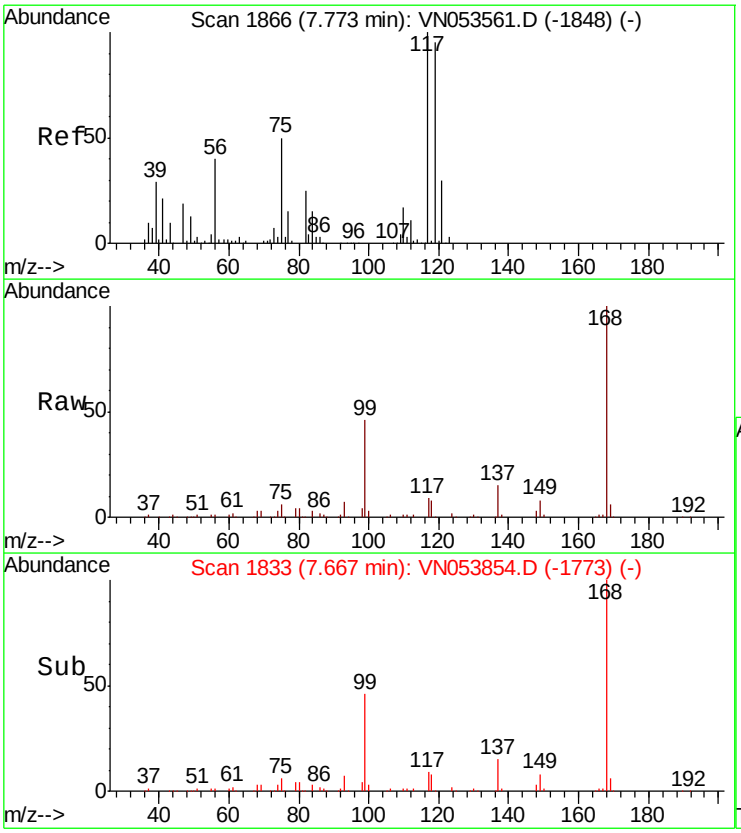
#36
1,1-Dichloropropene
Concen: 3.848 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.13 min
Lab File: VN053854.D
Acq: 18 Feb 2019 20:09

Instrument :
MSVOA_N
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-1

Tgt Ion: 75 Resp: 37292

Ion	Ratio	Lower	Upper
75	100		
110	8.9	18.1	54.3#
77	0.0	25.1	37.7#

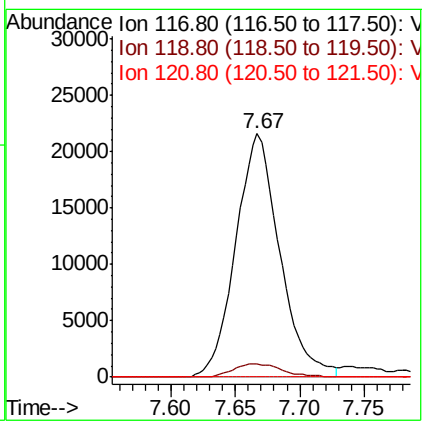


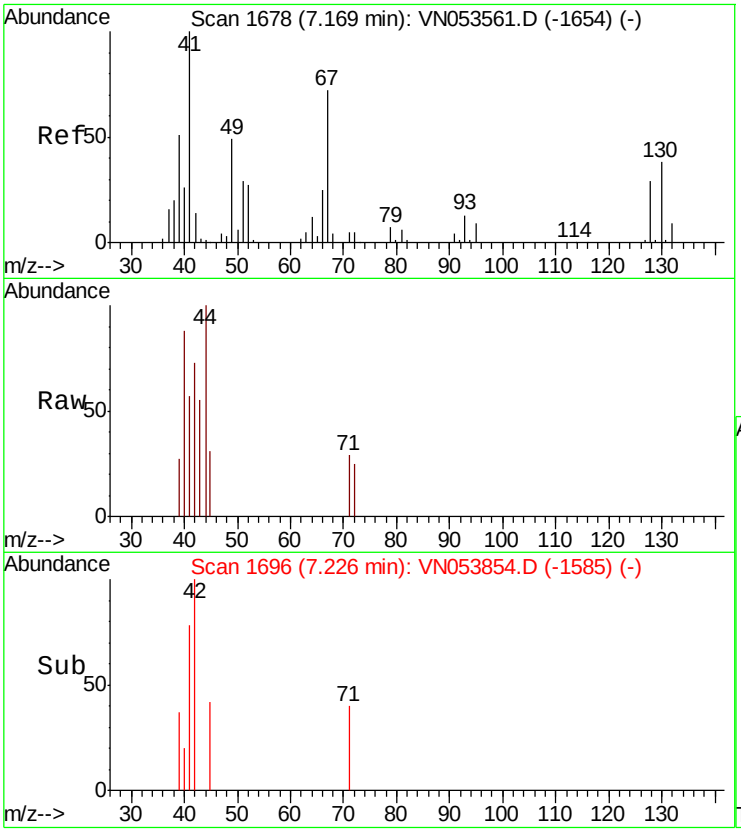


#38
Carbon Tetrachloride
Concen: 5.263 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN053854.D
Acq: 18 Feb 2019 20:09

Tgt Ion:117 Resp: 51371

Ion	Ratio	Lower	Upper
117	100		
119	5.2	77.2	115.8#
121	0.0	24.6	37.0#



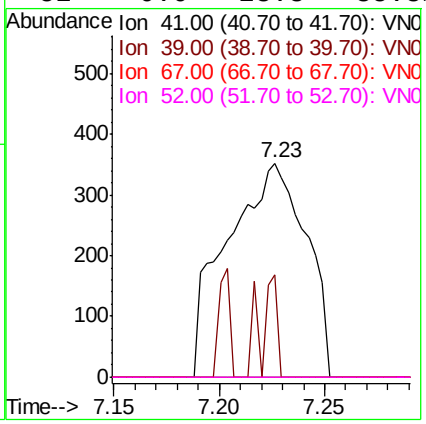


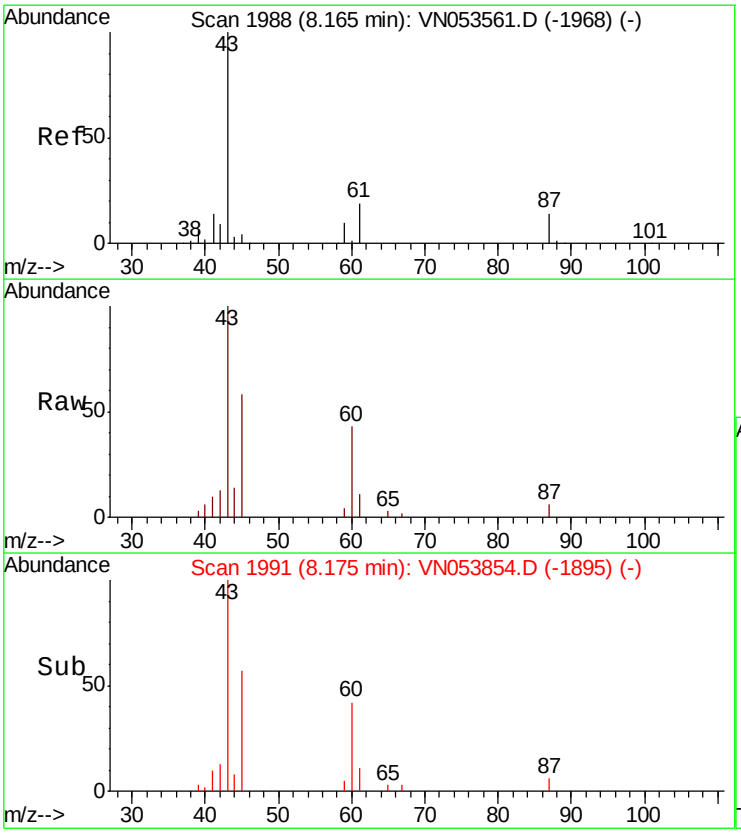
#41
Methacrylonitrile
Concen: 0.304 ug/l
RT: 7.23 min Scan# 1696
Delta R.T. 0.06 min
Lab File: VN053854.D
Acq: 18 Feb 2019 20:09

Instrument :
MSVOA_N
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-1

Tgt Ion: 41 Resp: 919

Ion	Ratio	Lower	Upper
41	100		
39	10.0	46.8	70.2#
67	0.0	63.0	94.6#
52	0.0	23.8	35.8#

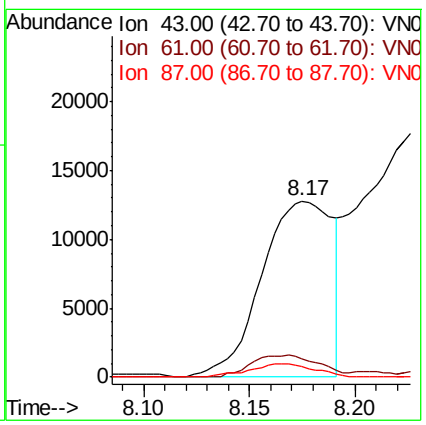


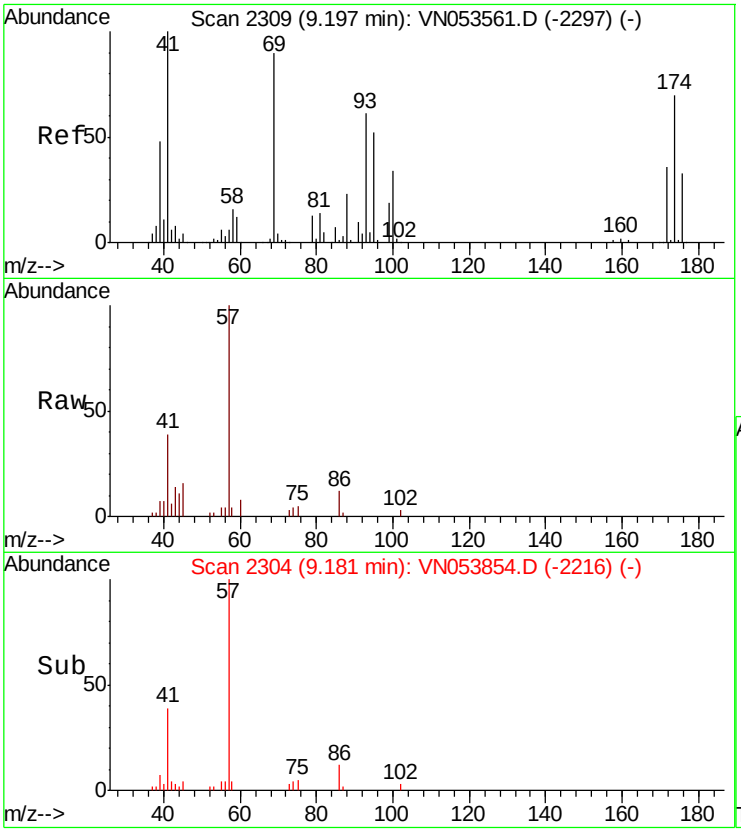


#43
Isopropyl Acetate
Concen: 2.857 ug/l
RT: 8.17 min Scan# 1991
Delta R.T. 0.01 min
Lab File: VN053854.D
Acq: 18 Feb 2019 20:09

Tgt Ion: 43 Resp: 29858

Ion	Ratio	Lower	Upper
43	100		
61	12.1	23.9	35.9#
87	7.0	11.0	16.6#



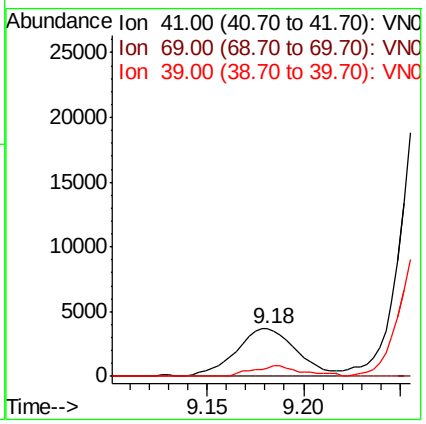


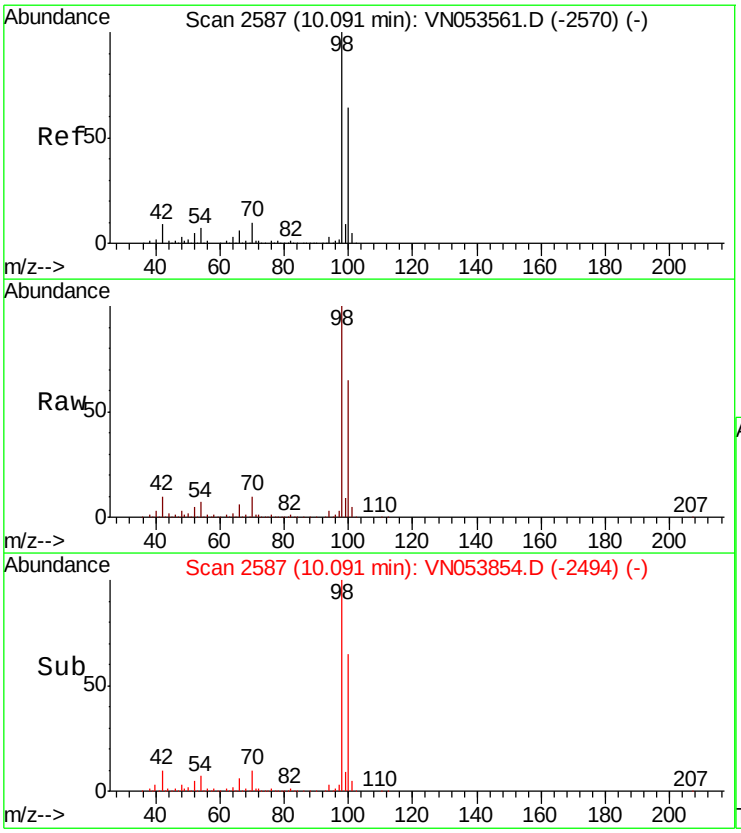
#48
Methyl methacrylate
Concen: 1.607 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.02 min
Lab File: VN053854.D
Acq: 18 Feb 2019 20:09

Instrument :
MSVOA_N
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-1

Tgt Ion: 41 Resp: 8019

Ion	Ratio	Lower	Upper
41	100		
69	0.0	73.8	110.6#
39	17.7	40.0	60.0#

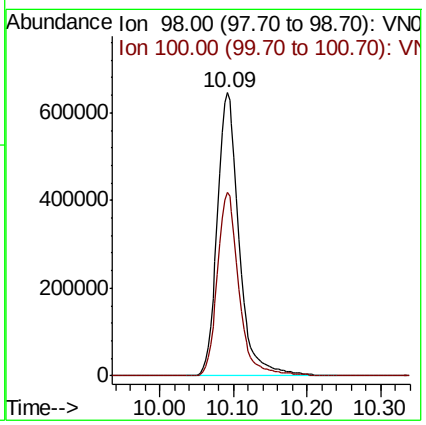


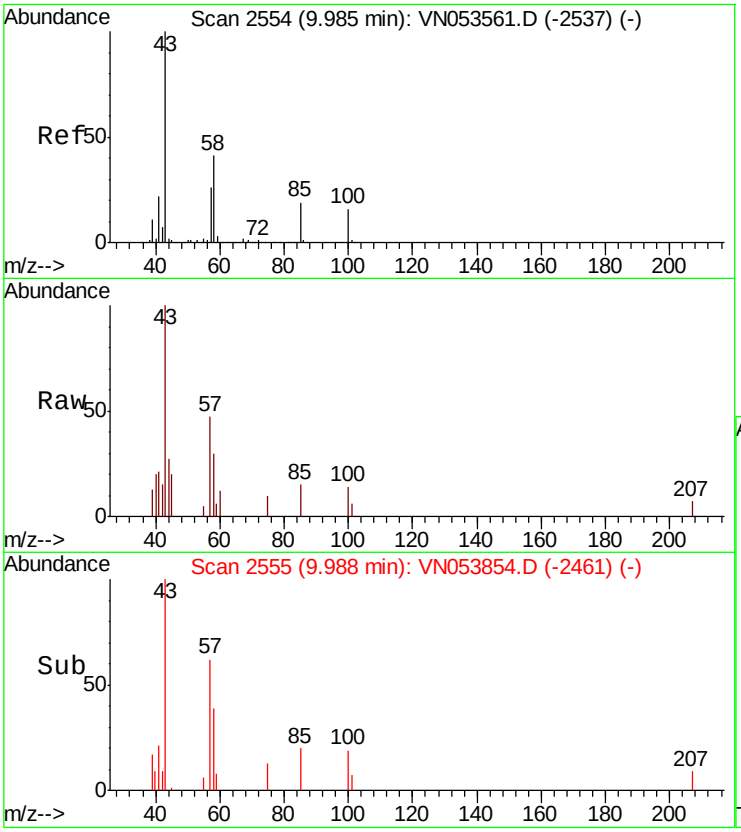


#50
Toluene-d8
Concen: 51.985 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN053854.D
Acq: 18 Feb 2019 20:09

Tgt Ion: 98 Resp: 1325823

Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.4	77.0



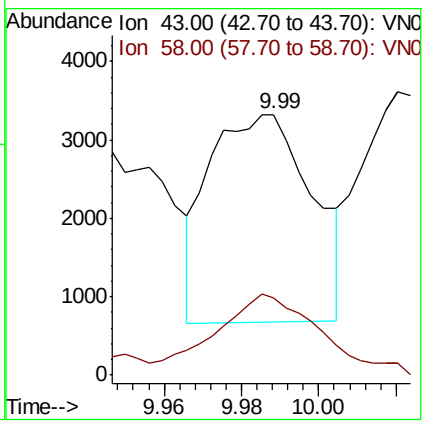


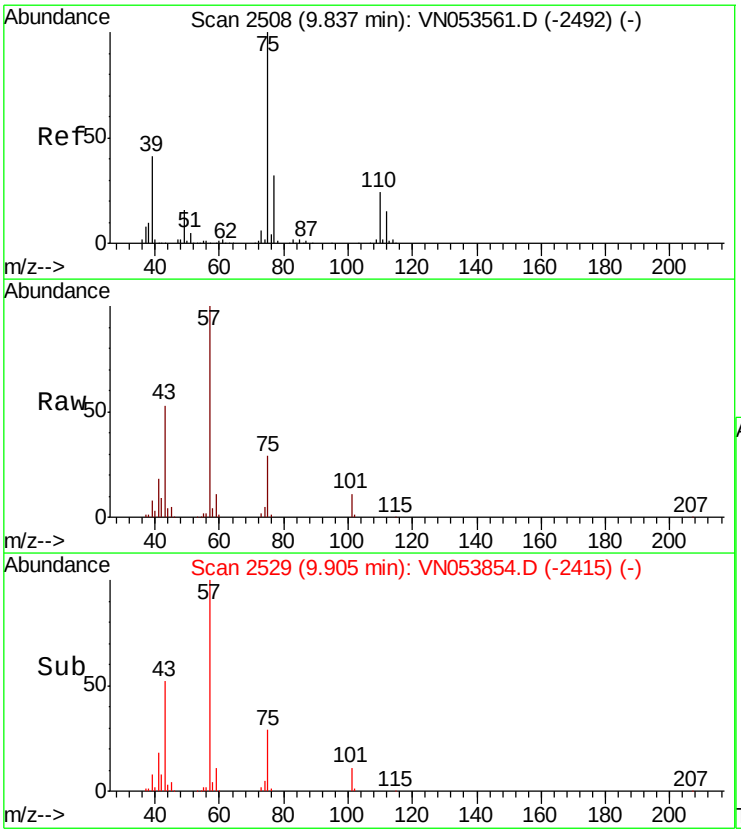
#51
4-Methyl-2-Pentanone
Concen: 0.948 ug/l
RT: 9.99 min Scan# 2555
Delta R.T. 0.00 min
Lab File: VN053854.D
Acq: 18 Feb 2019 20:09

Instrument :
MSVOA_N
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-1

Tgt Ion: 43 Resp: 4867

Ion	Ratio	Lower	Upper
43	100		
58	40.3	32.8	49.2

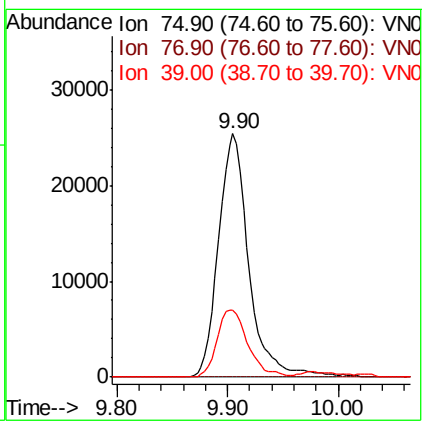


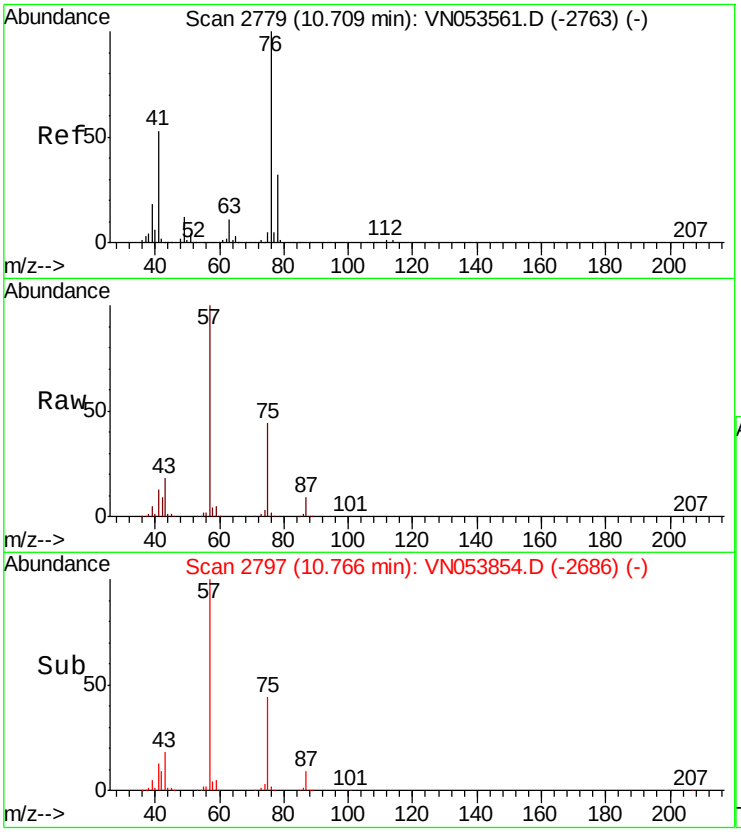


#54
cis-1,3-Dichloropropene
Concen: 4.248 ug/l
RT: 9.90 min Scan# 2529
Delta R.T. 0.07 min
Lab File: VN053854.D
Acq: 18 Feb 2019 20:09

Tgt Ion: 75 Resp: 48287

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.8	38.6#
39	27.4	33.4	50.0#



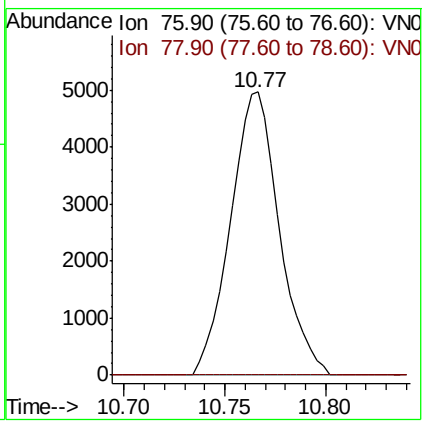


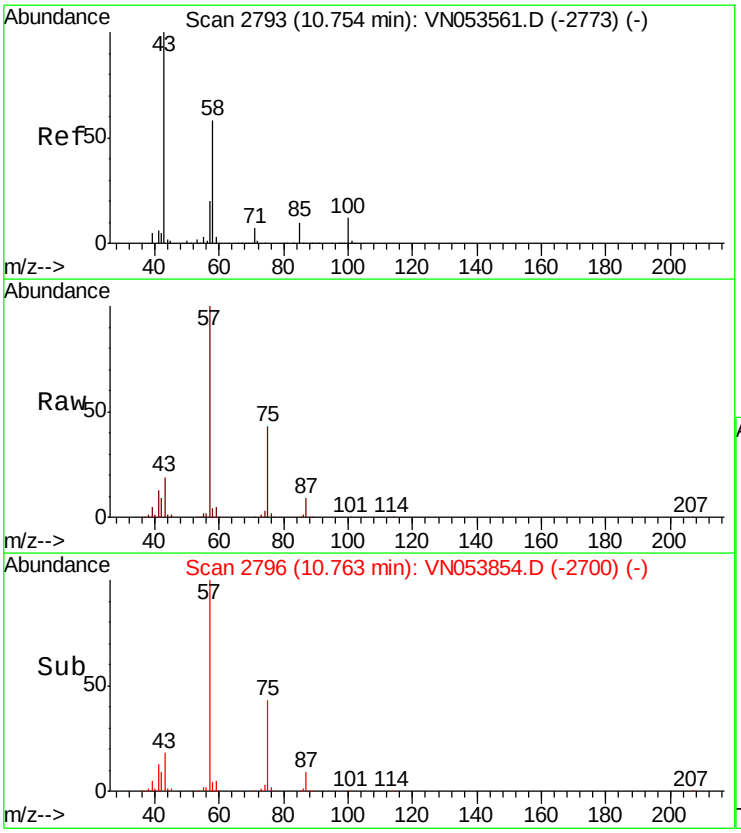
#57
1,3-Dichloropropane
Concen: 0.769 ug/l
RT: 10.77 min Scan# 2797
Delta R.T. 0.06 min
Lab File: VN053854.D
Acq: 18 Feb 2019 20:09

Instrument :
MSVOA_N
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-1

Tgt Ion: 76 Resp: 8401

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.6	38.4#

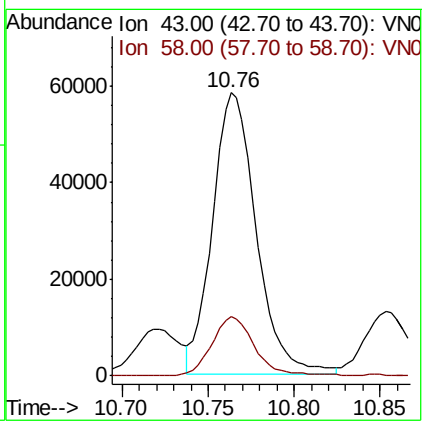


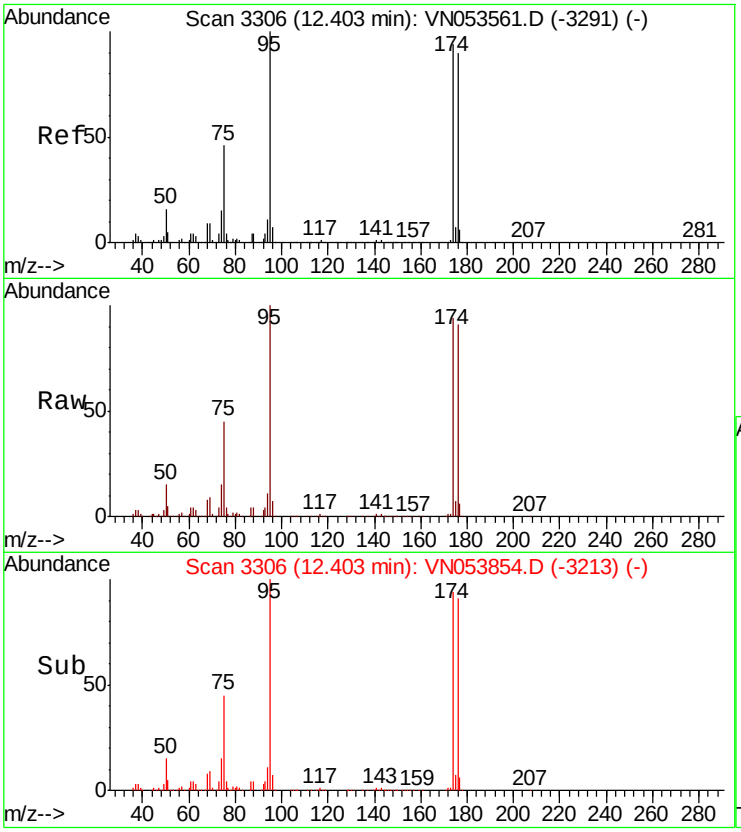


#59
2-Hexanone
Concen: 29.729 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN053854.D
Acq: 18 Feb 2019 20:09

Tgt Ion: 43 Resp: 103653

Ion	Ratio	Lower	Upper
43	100		
58	20.6	28.6	85.8#



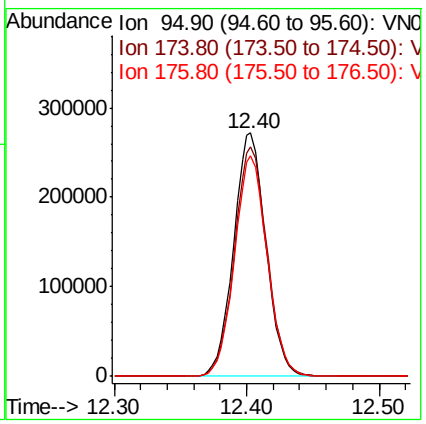


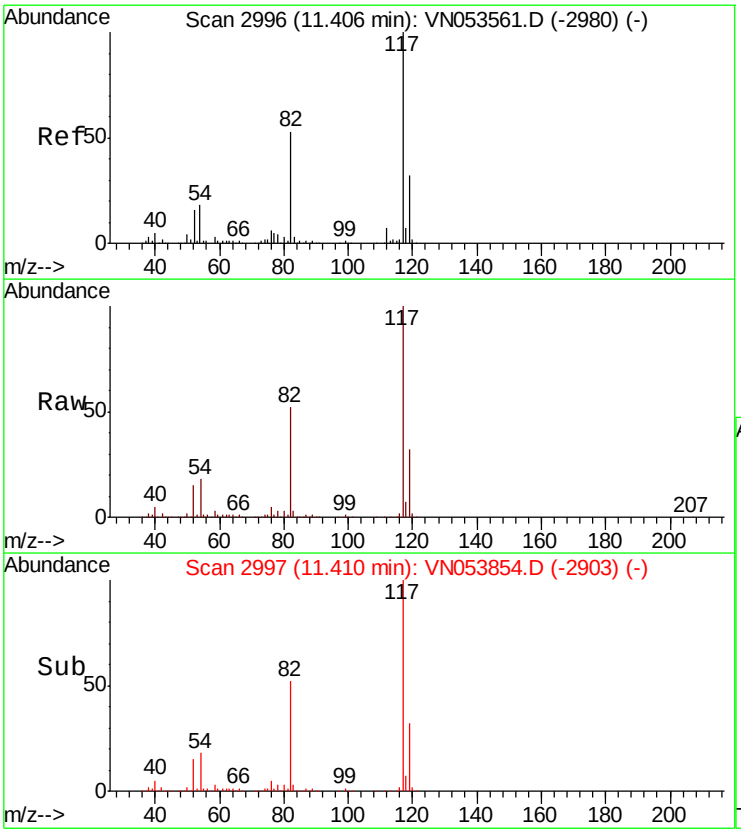
#62
4-Bromofluorobenzene
Concen: 53.730 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. -0.00 min
Lab File: VN053854.D
Acq: 18 Feb 2019 20:09

Instrument :
MSVOA_N
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-1

Tgt Ion: 95 Resp: 457030

Ion	Ratio	Lower	Upper
95	100		
174	95.9	0.0	183.2
176	91.8	0.0	177.4

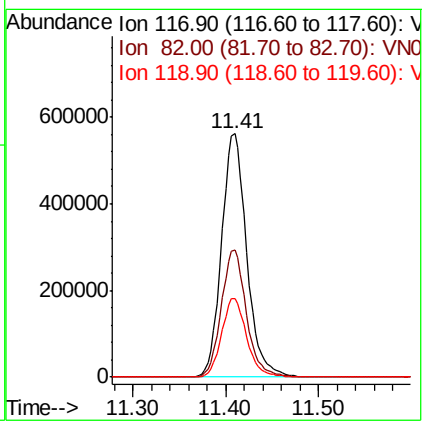


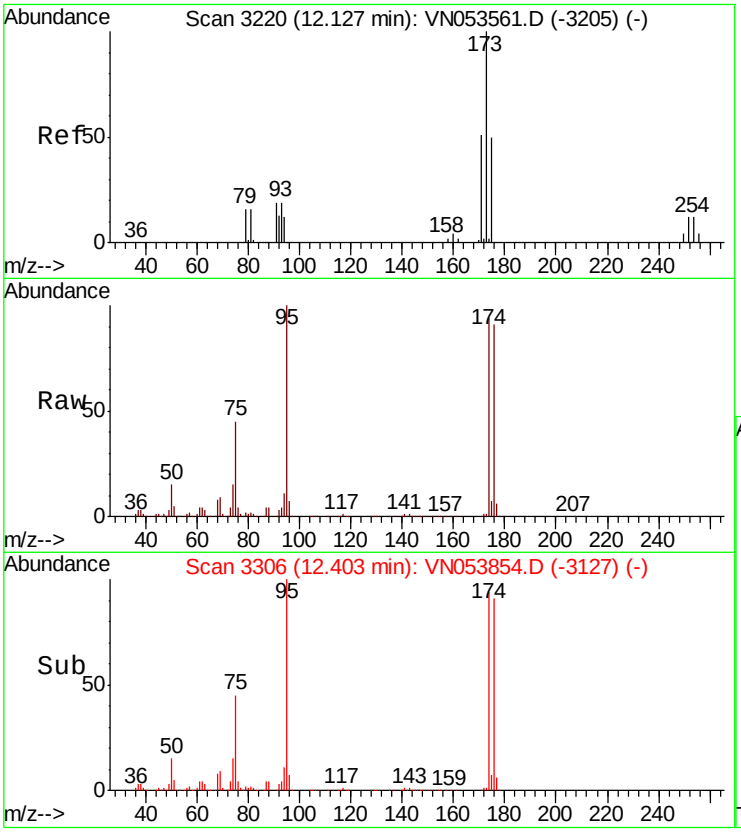


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN053854.D
Acq: 18 Feb 2019 20:09

Tgt Ion:117 Resp: 1054625

Ion	Ratio	Lower	Upper
117	100		
82	52.2	42.9	64.3
119	32.2	26.0	39.0



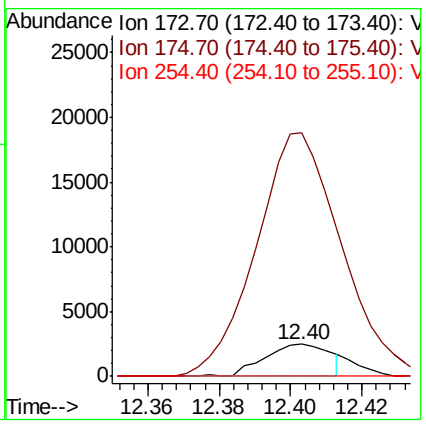


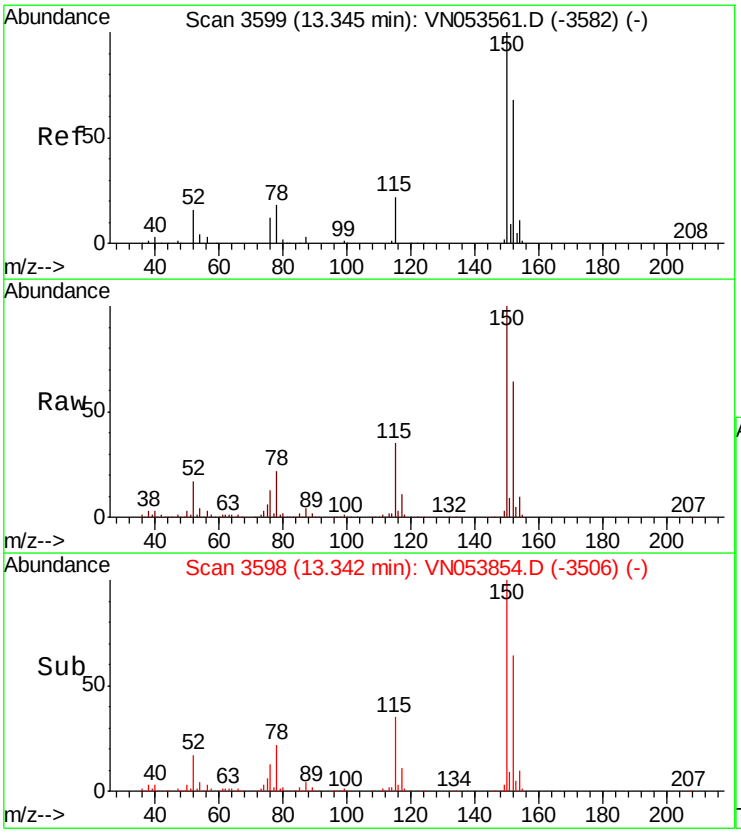
#71
Bromoform
Concen: 0.590 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN053854.D
Acq: 18 Feb 2019 20:09

Instrument :
MSVOA_N
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-1

Tgt Ion:173 Resp: 3167

Ion	Ratio	Lower	Upper
173	100		
175	830.9	24.6	74.0#
254	0.0	0.2	0.2#

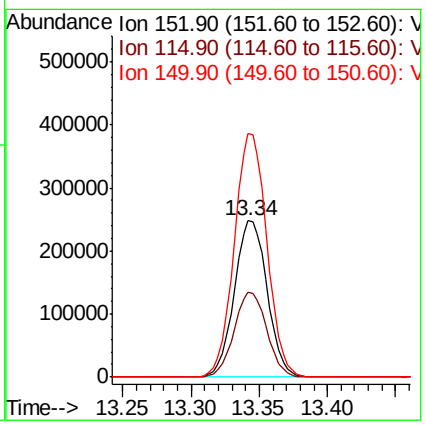


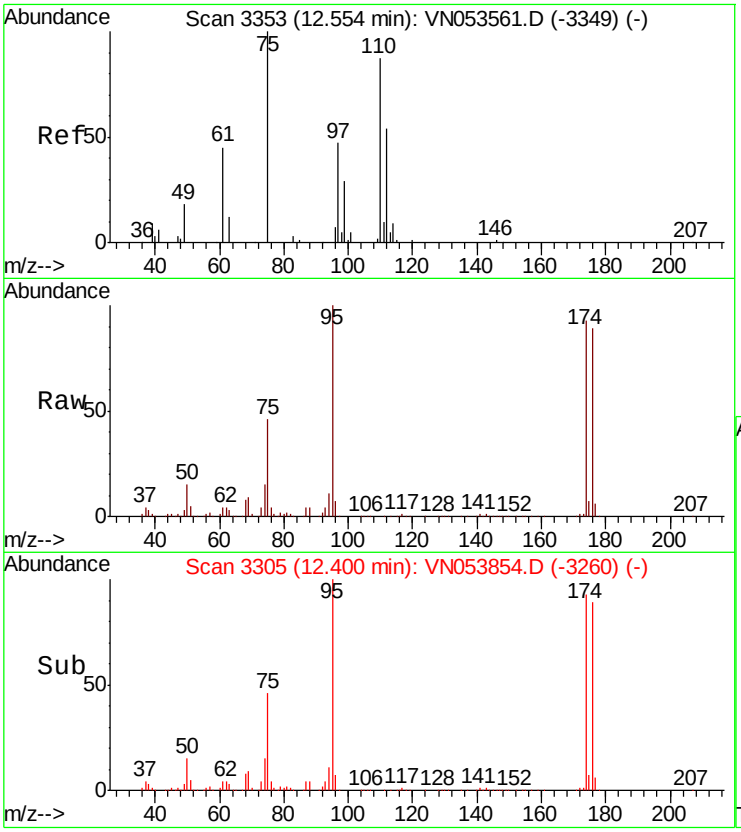


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN053854.D
Acq: 18 Feb 2019 20:09

Tgt Ion:152 Resp: 414113

Ion	Ratio	Lower	Upper
152	100		
115	54.0	27.8	83.4
150	154.7	0.0	349.0



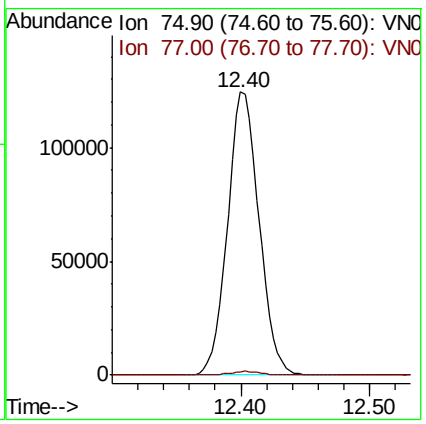


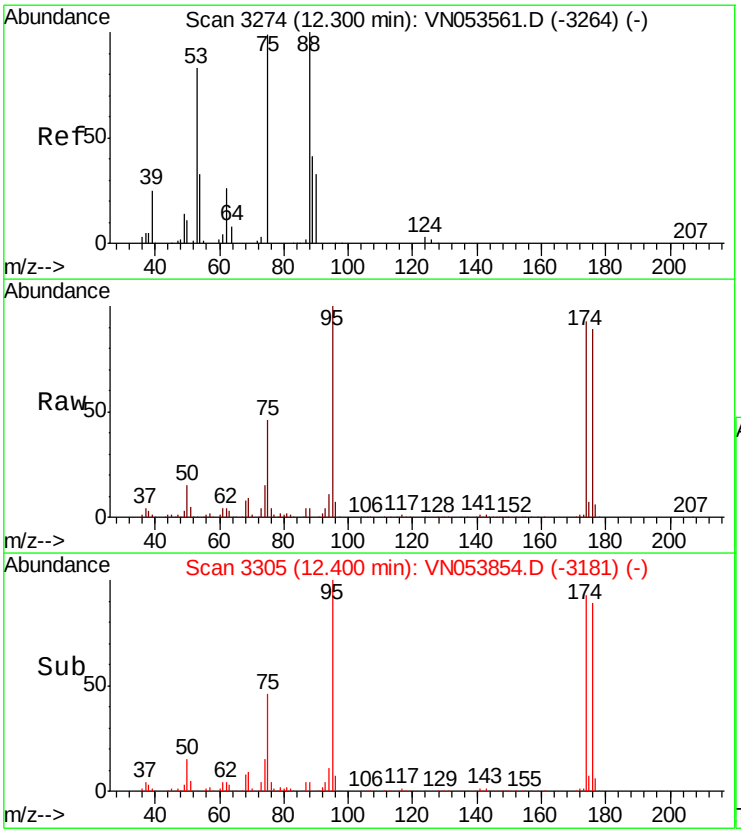
#76
1,2,3-Trichloropropane
Concen: 39.617 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN053854.D
Acq: 18 Feb 2019 20:09

Instrument :
MSVOA_N
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-1

Tgt Ion: 75 Resp: 210726

Ion	Ratio	Lower	Upper
75	100		
77	1.3	0.0	0.0#

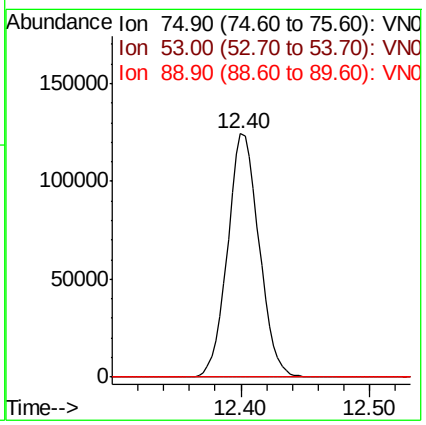


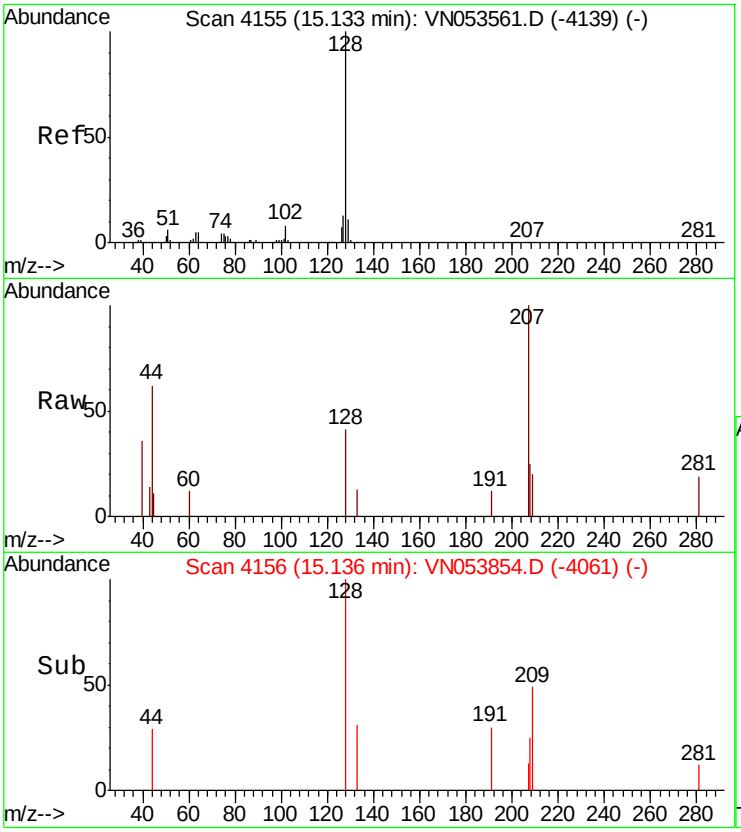


#81
trans-1,4-Dichloro-2-butene
Concen: 111.401 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN053854.D
Acq: 18 Feb 2019 20:09

Tgt Ion: 75 Resp: 210726

Ion	Ratio	Lower	Upper
75	100		
53	0.1	69.8	104.6#
89	0.0	35.6	53.4#





#95
Naphthalene
Concen: 1.796 ug/l
RT: 15.14 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN053854.D
Acq: 18 Feb 2019 20:09

Instrument :
MSVOA_N
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-1

Tgt Ion:128 Resp: 1129

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.6	13.0#