Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121918\
Data File : VN053000.D
Acq On : 19 Dec 2018 10:23
Operator : MD\SY
Sample : J6472-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId :

Quant Time: Dec 20 05:17:09 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 18 13:03:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1321584	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2020794	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1825169	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	779240	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	650497	48.50	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.00%			
35) Dibromofluoromethane	7.59	113	529630	57.38	ug/l	0.00
Spiked Amount 50.000			Recovery = 114.76%			
50) Toluene-d8	10.09	98	2459059	49.62	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.24%			
62) 4-Bromofluorobenzene	12.40	95	836886	48.11	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.22%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.78	59	15044	18.384	ug/l	97
13) Acrolein	3.62	56	459	0.619	ug/l #	14
16) Acetone	3.82	43	34567	13.145	ug/l	99
18) Methyl Acetate	4.33	43	3261	1.260	ug/l	91
20) Methylene Chloride	4.55	84	8302	0.579	ug/l	92
25) 2-Butanone	6.84	43	12248	2.775	ug/l	95
29) Tetrahydrofuran	7.22	42	4356	1.322	ug/l	94
31) Cyclohexane	7.67	56	22089	Below Cal	#	1
36) 1,1-Dichloropropene	7.67	75	85059	4.385	ug/l #	49
37) Ethyl Acetate	6.84	43	12248	1.131	ug/l #	68
38) Carbon Tetrachloride	7.67	117	112613	6.334	ug/l #	16
40) Benzene	8.05	78	17228	0.299	ug/l	99
43) Isopropyl Acetate	8.33	43	266112	11.904	ug/l #	53
51) 4-Methyl-2-Pentanone	9.99	43	47867	4.565	ug/l	98
52) Toluene	10.16	92	28224	0.789	ug/l	97
59) 2-Hexanone	10.61	43	16664	2.349	ug/l	73
67) Ethyl Benzene	11.51	91	39437	0.567	ug/l	96
68) m/p-Xylenes	11.62	106	62032	2.345	ug/l	96
69) o-Xylene	11.95	106	34285	1.351	ug/l	98
71) Bromoform	12.40	173	4999	0.492	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.51	83	3206	0.268	ug/l #	34
76) 1,2,3-Trichloropropane	12.40	75	390187	29.745	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	15692	0.316	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.40	75	390187	95.872	ug/l #	12
84) 1,2,4-Trimethylbenzene	13.04	105	66202	1.325	ug/l	100
93) 1,2,4-Trichlorobenzene	14.91	180	1023	0.668	ug/l	86
94) Hexachlorobutadiene	15.01	225	209	Below Cal	#	19
95) Naphthalene	15.13	128	13073	1.564	ug/l	97
96) 1,2,3-Trichlorobenzene	15.31	180	974	0.584	ug/l	71

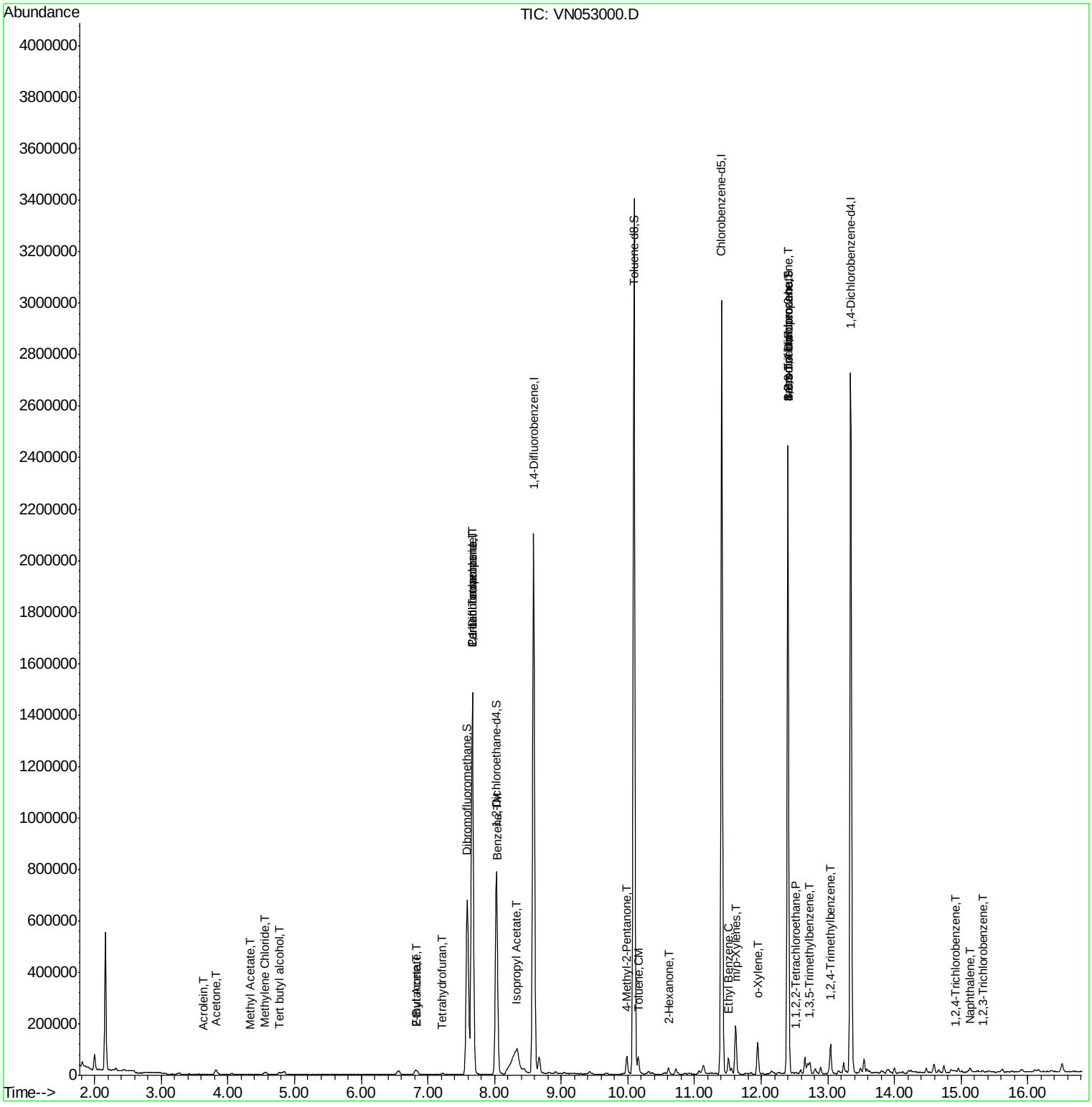
(#) = qualifier out of range (m) = manual integration (+) = signals summed

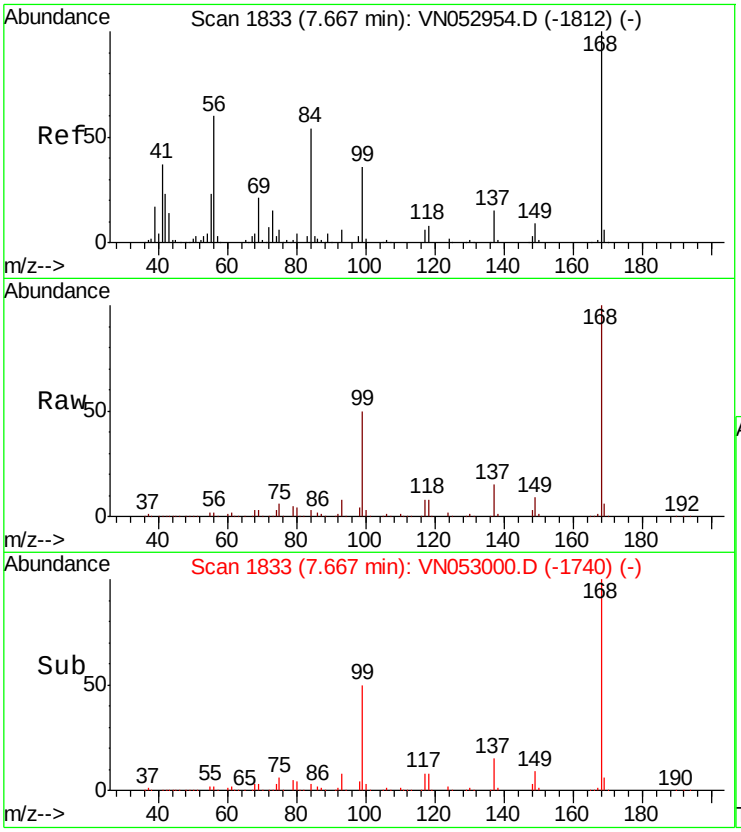
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121918\
Data File : VN053000.D
Acq On : 19 Dec 2018 10:23
Operator : MD\SY
Sample : J6472-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Dec 20 05:17:09 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 18 13:03:37 2018
Response via : Initial Calibration



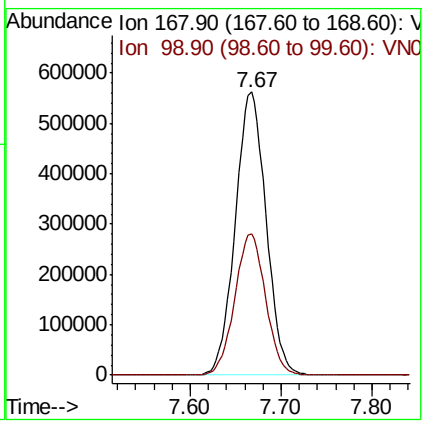


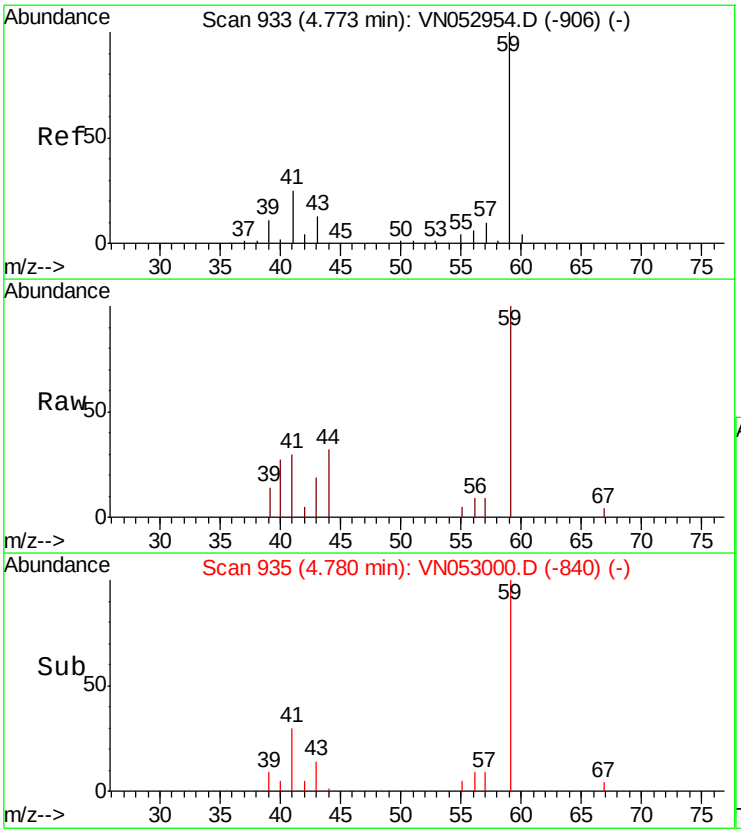
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VN053000.D
Acq: 19 Dec 2018 10:23

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:168 Resp: 1321584

Ion	Ratio	Lower	Upper
168	100		
99	49.8	40.2	60.2

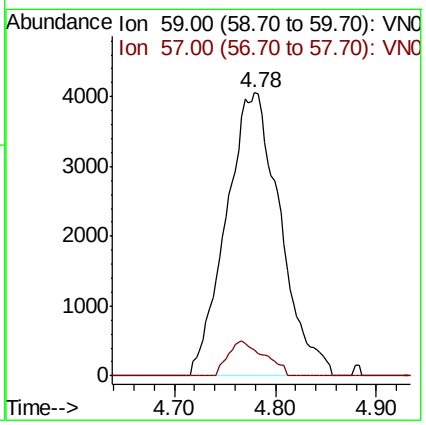


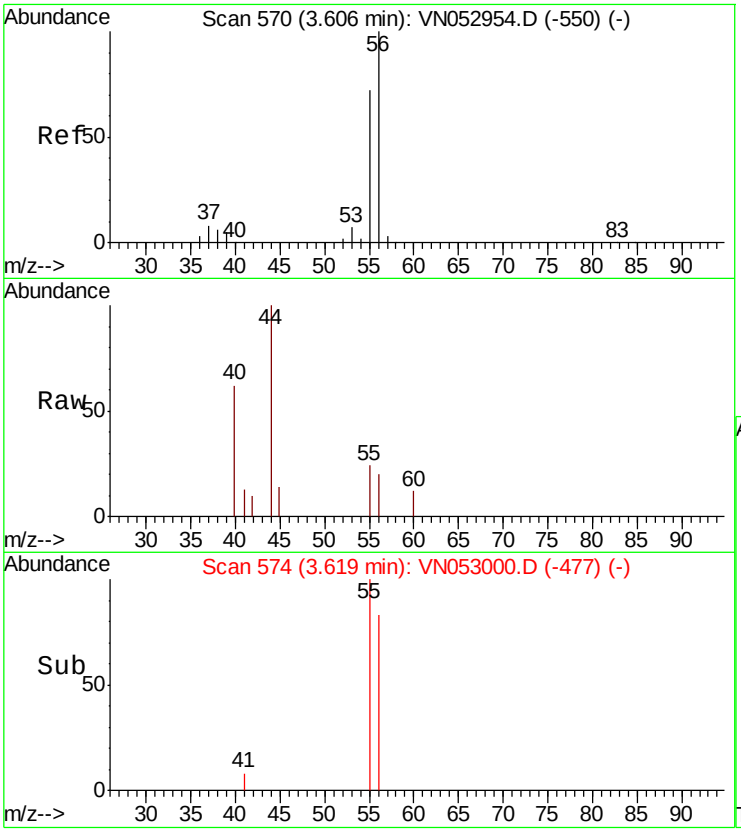


#11
Tert butyl alcohol
Concen: 18.384 ug/l
RT: 4.78 min Scan# 935
Delta R.T. 0.01 min
Lab File: VN053000.D
Acq: 19 Dec 2018 10:23

Tgt Ion: 59 Resp: 15044

Ion	Ratio	Lower	Upper
59	100		
57	8.4	7.7	11.5



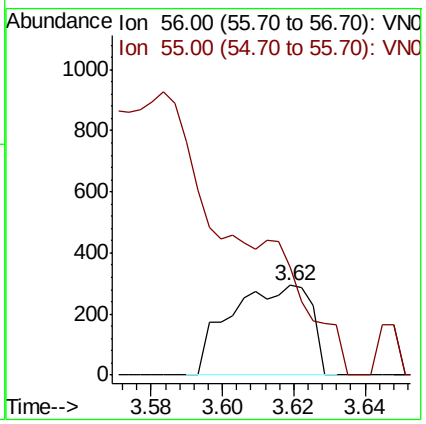


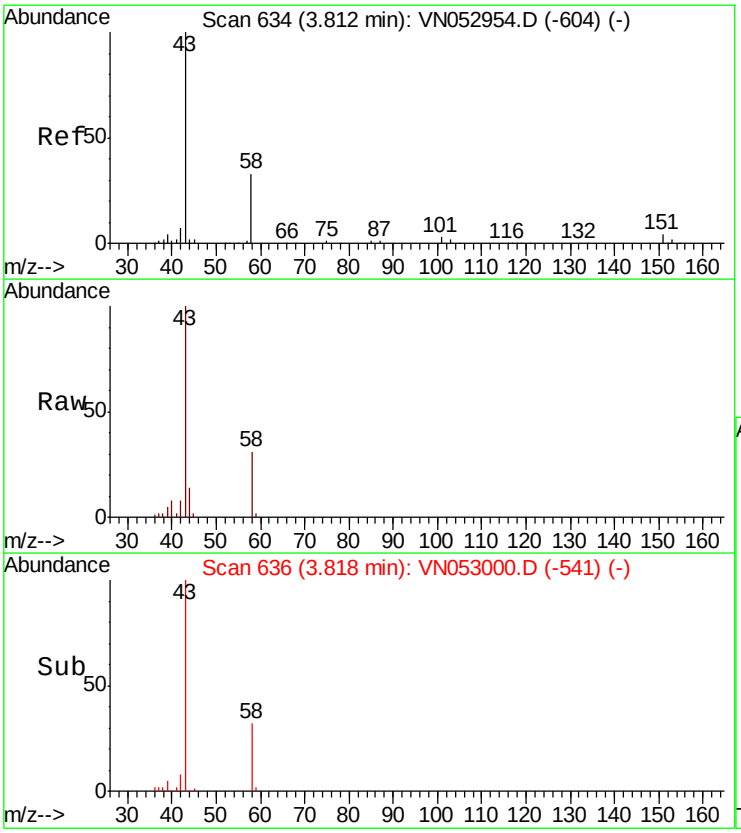
#13
Acrolein
Concen: 0.619 ug/l
RT: 3.62 min Scan# 574
Delta R.T. 0.01 min
Lab File: VN053000.D
Acq: 19 Dec 2018 10:23

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 56 Resp: 459

Ion	Ratio	Lower	Upper
56	100		
55	0.0	56.6	85.0#

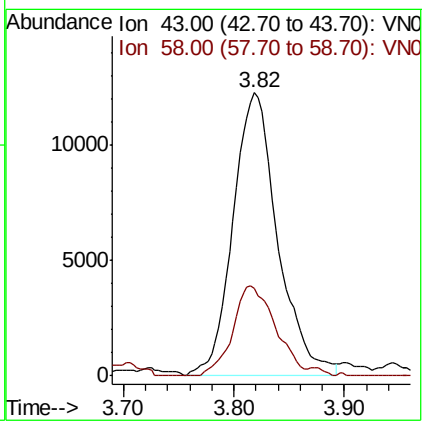


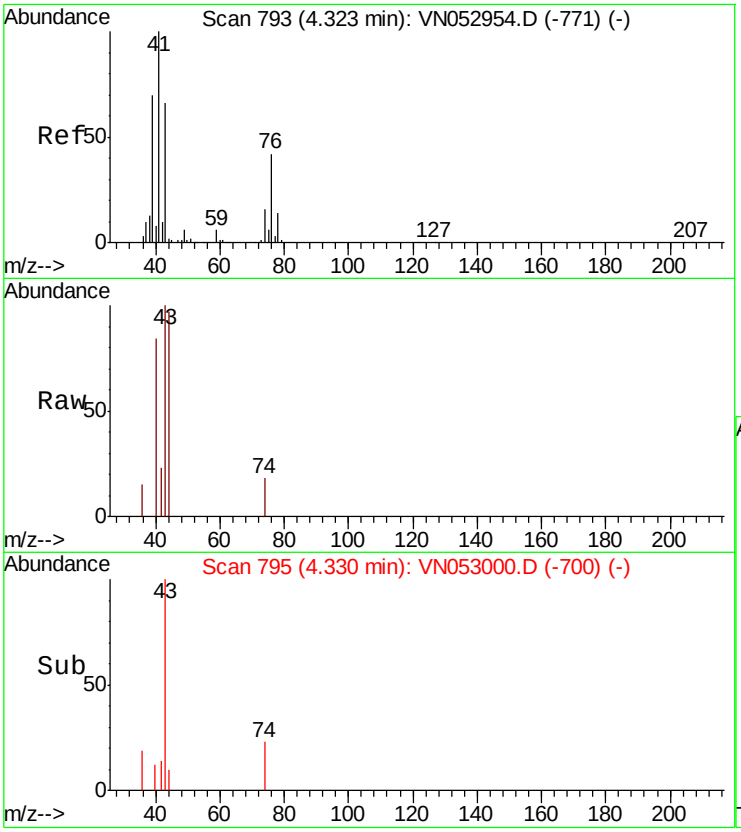


#16
Acetone
Concen: 13.145 ug/l
RT: 3.82 min Scan# 636
Delta R.T. 0.01 min
Lab File: VN053000.D
Acq: 19 Dec 2018 10:23

Tgt Ion: 43 Resp: 34567

Ion	Ratio	Lower	Upper
43	100		
58	31.1	25.4	38.0



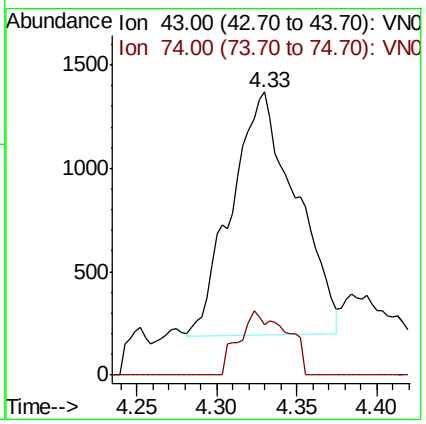


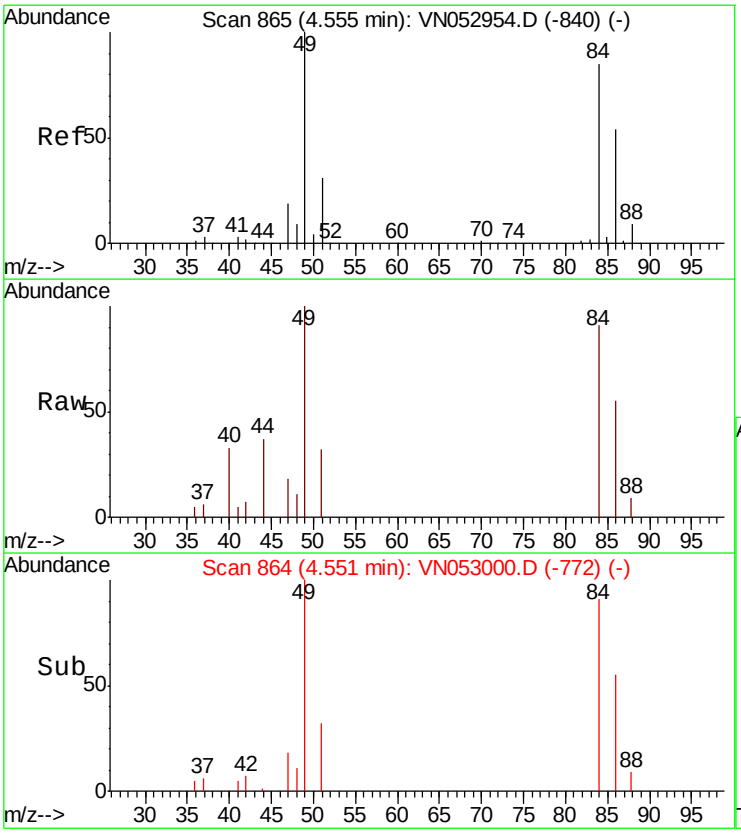
#18
Methyl Acetate
Concen: 1.260 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.01 min
Lab File: VN053000.D
Acq: 19 Dec 2018 10:23

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 3261

Ion	Ratio	Lower	Upper
43	100		
74	19.4	19.2	28.8

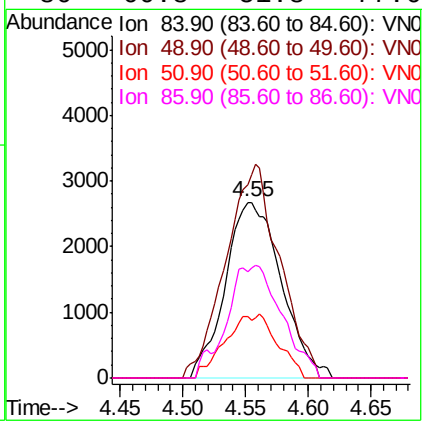


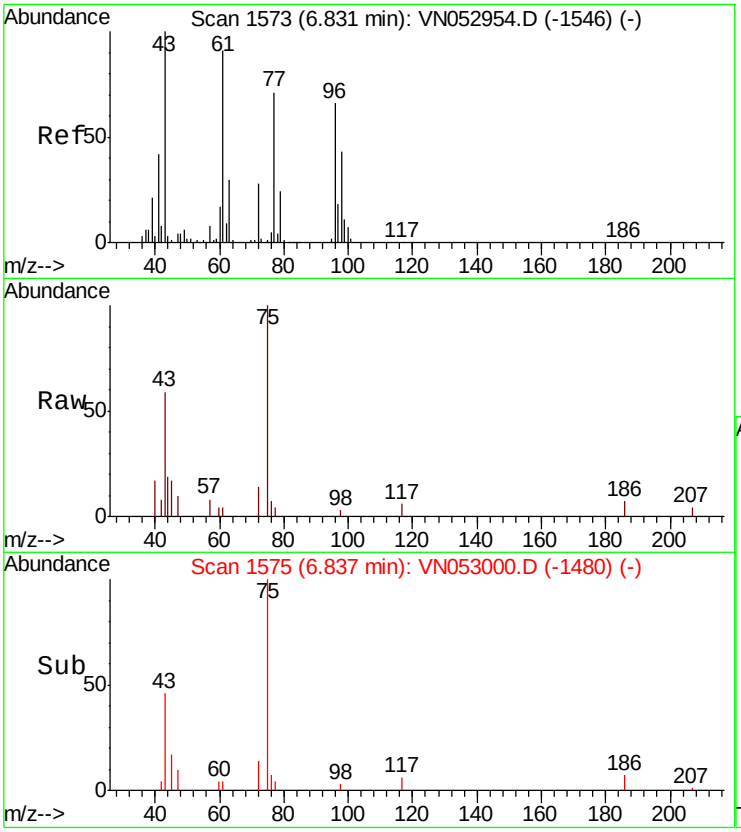


#20
Methylene Chloride
Concen: 0.579 ug/l
RT: 4.55 min Scan# 864
Delta R.T. -0.00 min
Lab File: VN053000.D
Acq: 19 Dec 2018 10:23

Tgt Ion: 84 Resp: 8302

Ion	Ratio	Lower	Upper
84	100		
49	109.6	96.8	145.2
51	35.1	29.9	44.9
86	60.8	51.8	77.6



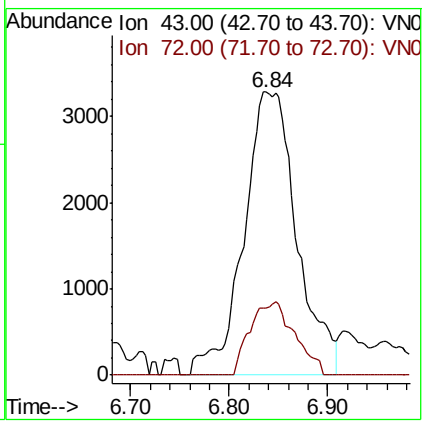


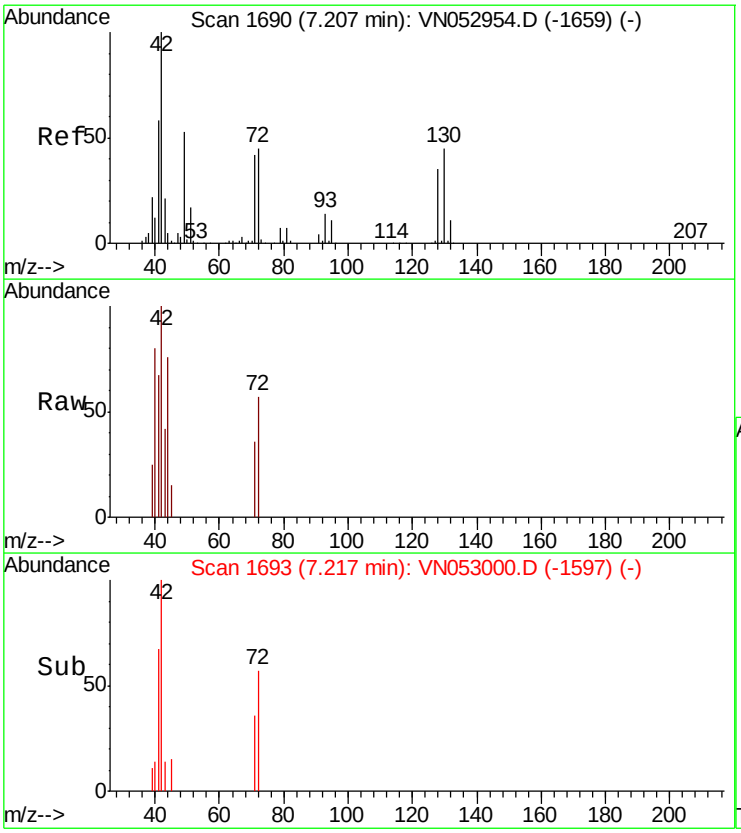
#25
2-Butanone
Concen: 2.775 ug/l
RT: 6.84 min Scan# 1575
Delta R.T. 0.01 min
Lab File: VN053000.D
Acq: 19 Dec 2018 10:23

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 12248

Ion	Ratio	Lower	Upper
43	100		
72	23.5	21.0	31.6

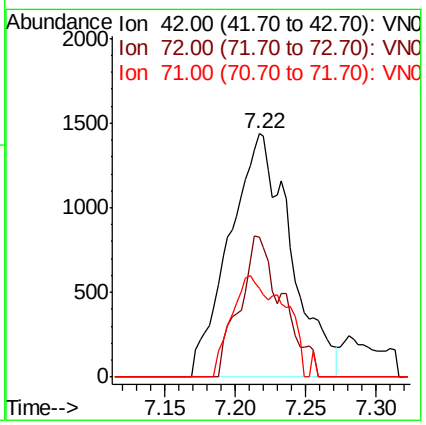


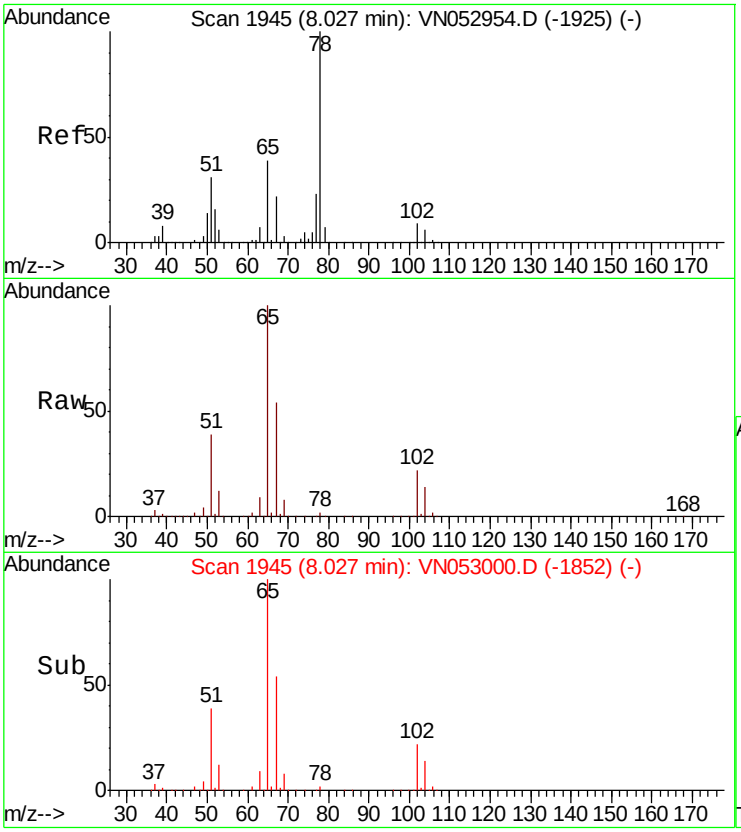


#29
Tetrahydrofuran
Concen: 1.322 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.01 min
Lab File: VN053000.D
Acq: 19 Dec 2018 10:23

Tgt Ion: 42 Resp: 4356

Ion	Ratio	Lower	Upper
42	100		
72	40.7	34.7	52.1
71	35.5	32.3	48.5



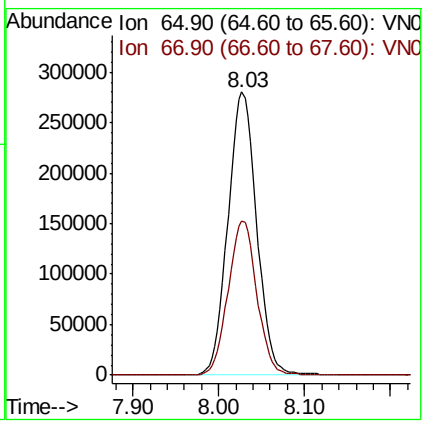


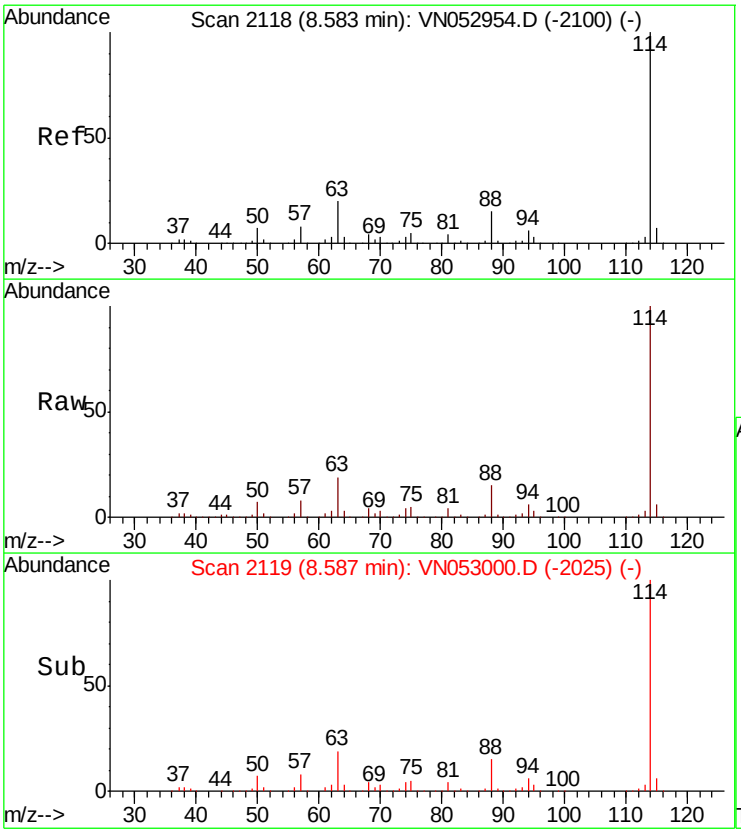
#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN053000.D
Acq: 19 Dec 2018 10:23

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 65 Resp: 650497

Ion	Ratio	Lower	Upper
65	100		
67	54.4	0.0	110.4

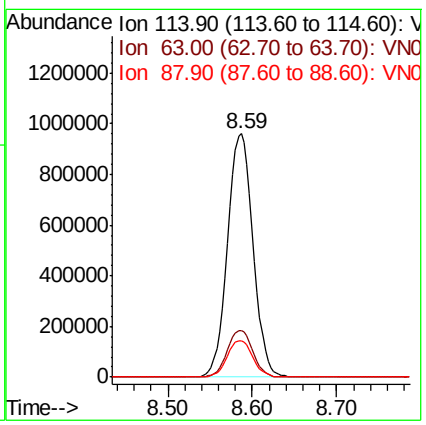


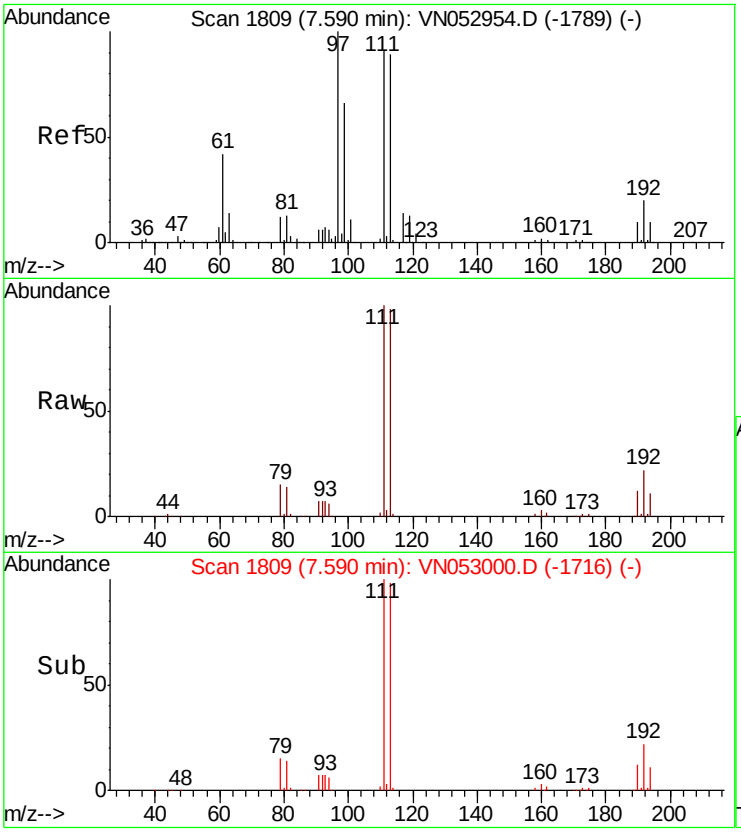


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN053000.D
Acq: 19 Dec 2018 10:23

Tgt Ion:114 Resp: 2020794

Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	39.8
88	15.1	0.0	31.0



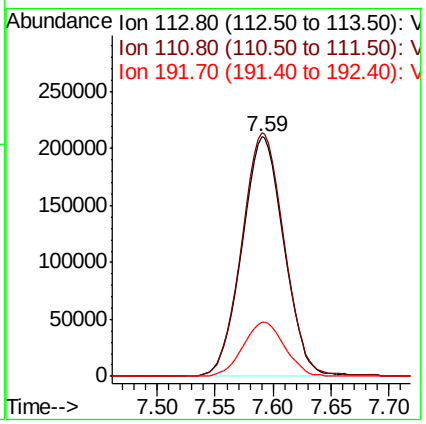


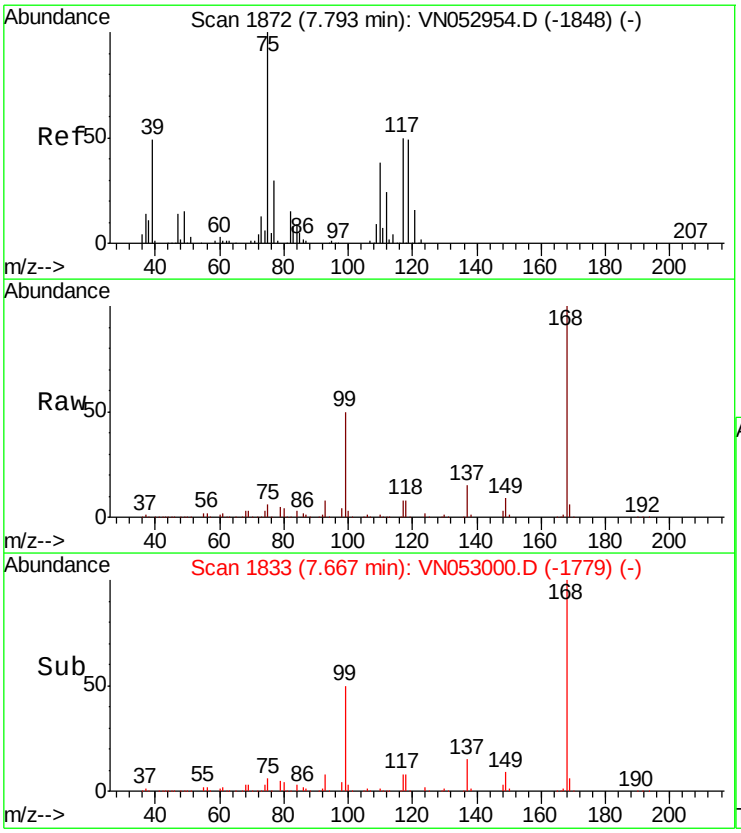
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. -0.00 min
Lab File: VN053000.D
Acq: 19 Dec 2018 10:23

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:113 Resp: 529630

Ion	Ratio	Lower	Upper
113	100		
111	102.7	83.0	124.4
192	22.5	17.5	26.3

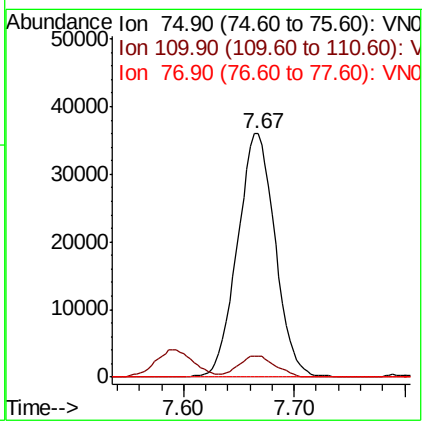


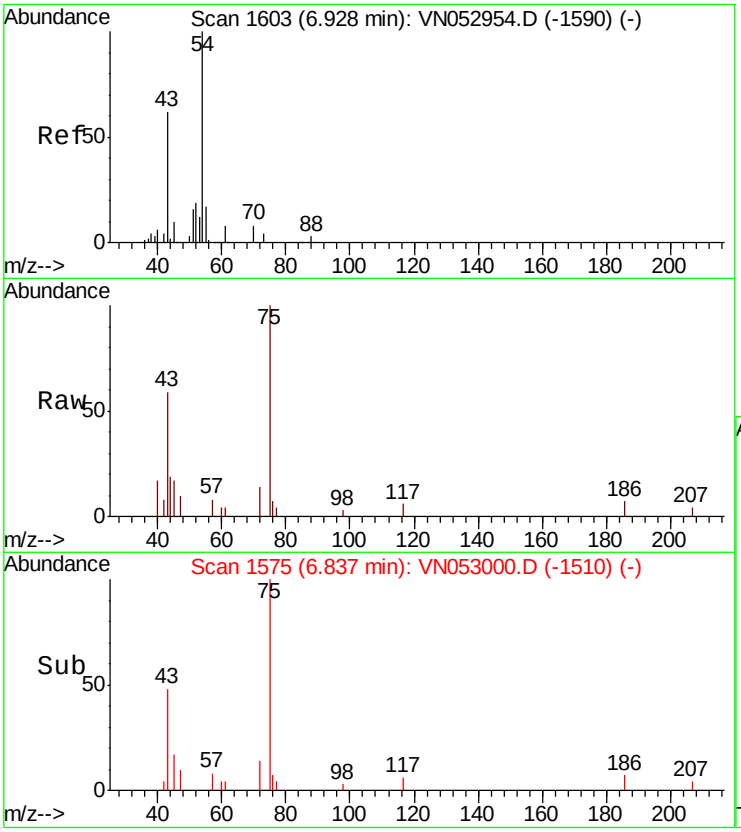


#36
1,1-Dichloropropene
Concen: 4.385 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.13 min
Lab File: VN053000.D
Acq: 19 Dec 2018 10:23

Tgt Ion: 75 Resp: 85059

Ion	Ratio	Lower	Upper
75	100		
110	8.5	18.2	54.6#
77	0.0	24.9	37.3#



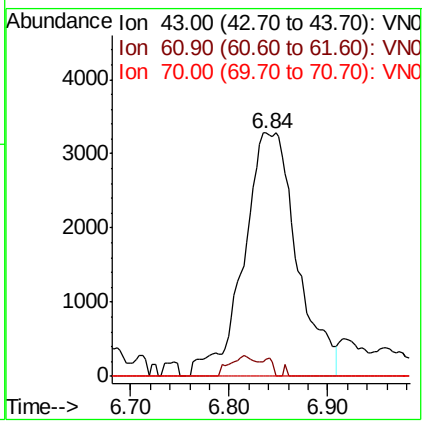


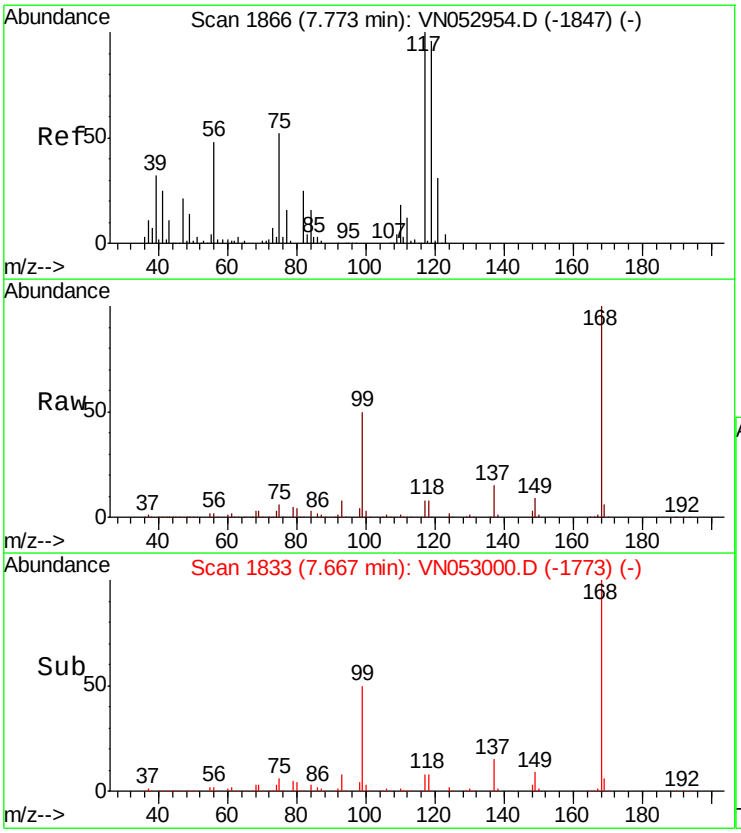
#37
Ethyl Acetate
Concen: 1.131 ug/l
RT: 6.84 min Scan# 1575
Delta R.T. -0.09 min
Lab File: VN053000.D
Acq: 19 Dec 2018 10:23

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 12248

Ion	Ratio	Lower	Upper
43	100		
61	0.2	11.8	17.6#
70	0.0	8.4	12.6#

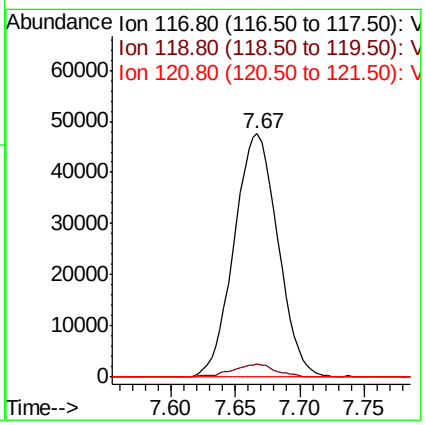


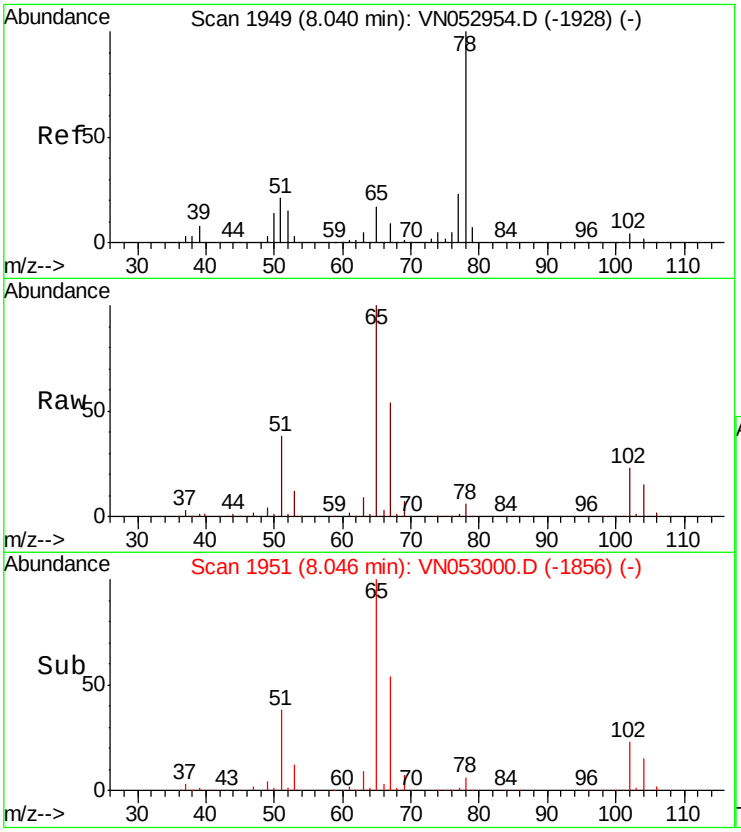


#38
Carbon Tetrachloride
Concen: 6.334 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN053000.D
Acq: 19 Dec 2018 10:23

Tgt Ion:117 Resp: 112613

Ion	Ratio	Lower	Upper
117	100		
119	5.2	77.1	115.7#
121	0.0	24.9	37.3#



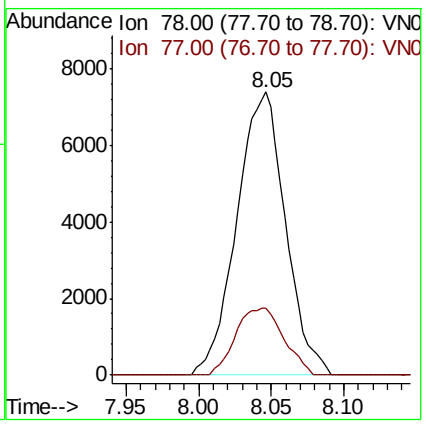


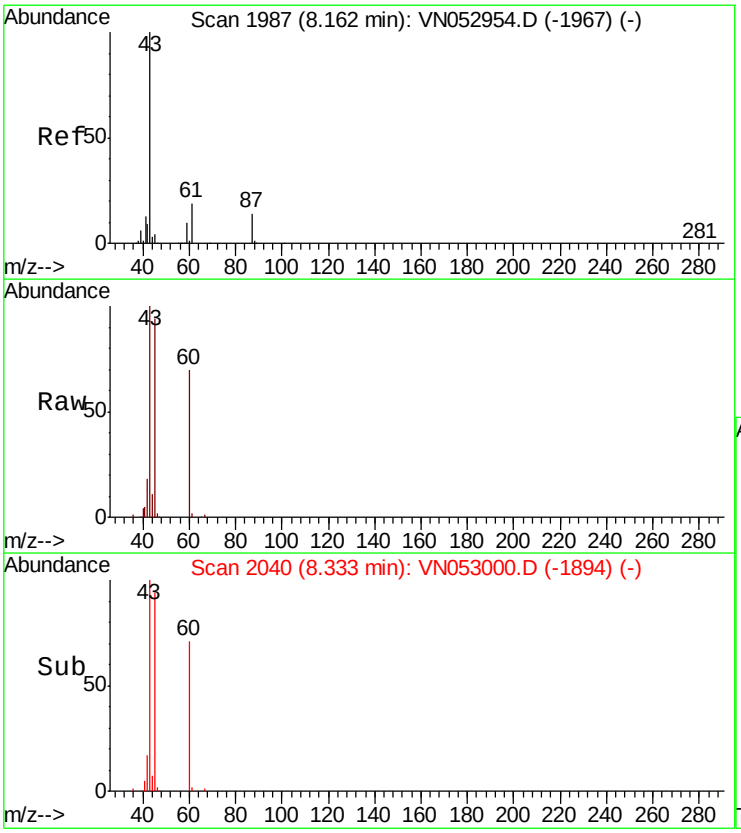
#40
Benzene
Concen: 0.299 ug/l
RT: 8.05 min Scan# 1951
Delta R.T. 0.01 min
Lab File: VN053000.D
Acq: 19 Dec 2018 10:23

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 78 Resp: 17228

Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.5	27.7

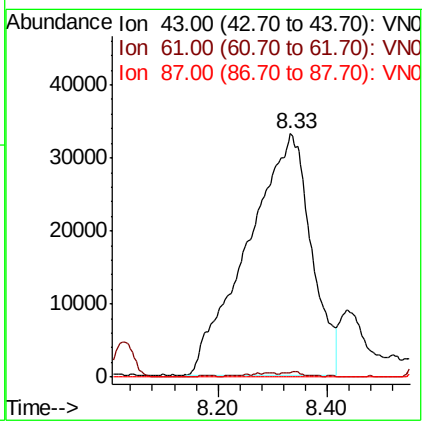


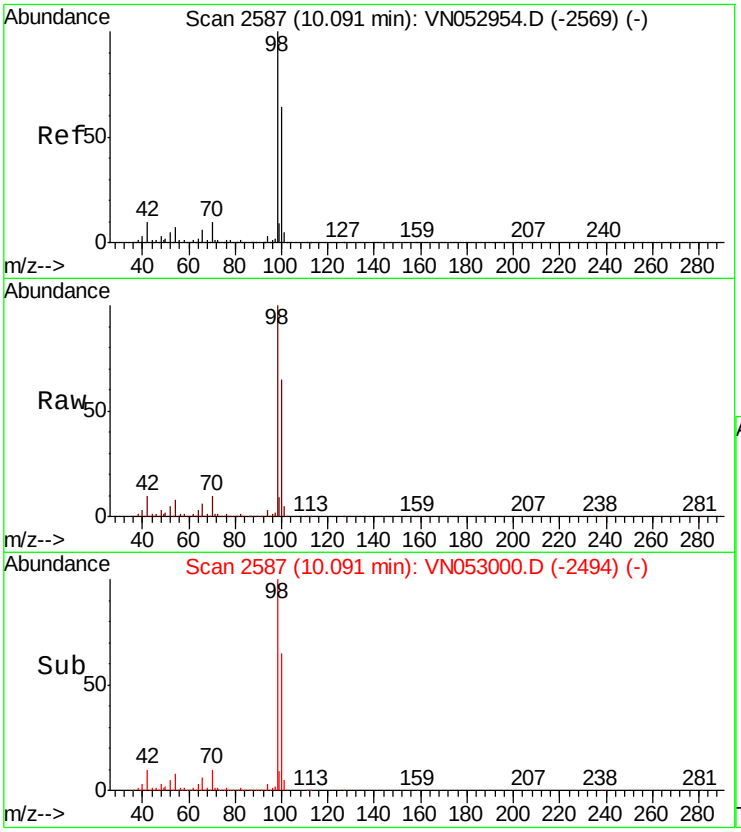


#43
Isopropyl Acetate
Concen: 11.904 ug/l
RT: 8.33 min Scan# 2040
Delta R.T. 0.17 min
Lab File: VN053000.D
Acq: 19 Dec 2018 10:23

Tgt Ion: 43 Resp: 266112

Ion	Ratio	Lower	Upper
43	100		
61	0.3	22.9	34.3#
87	0.0	10.6	15.8#



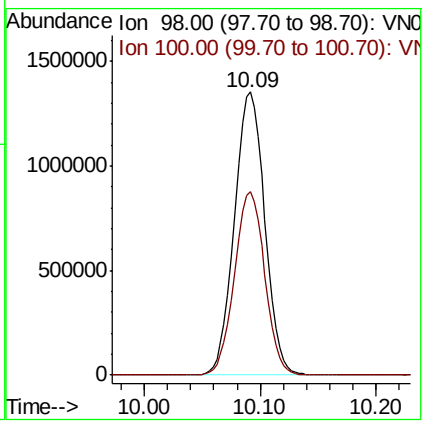


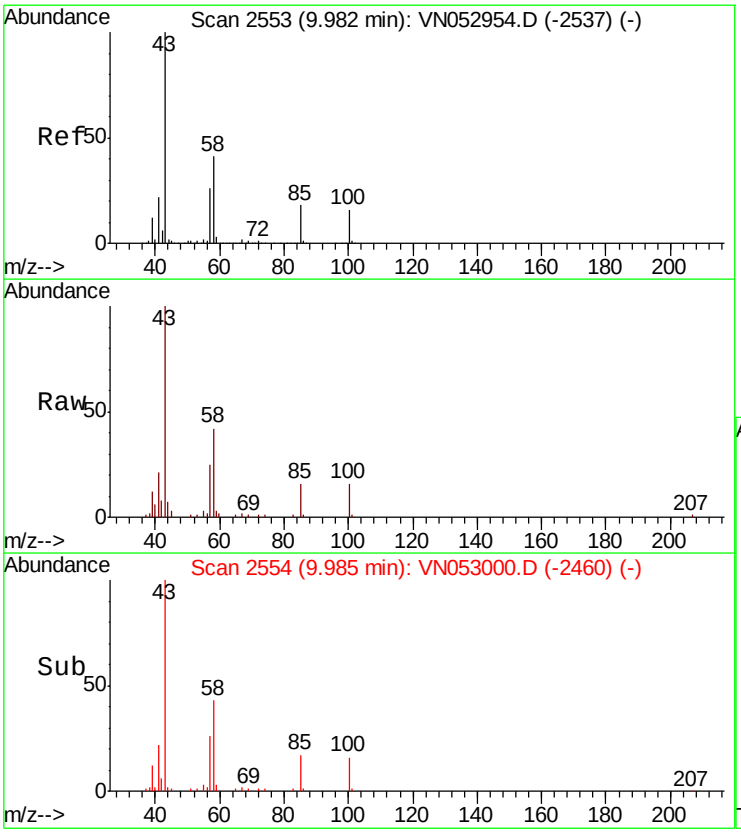
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN053000.D
Acq: 19 Dec 2018 10:23

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 98 Resp: 2459059

Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.6	77.4

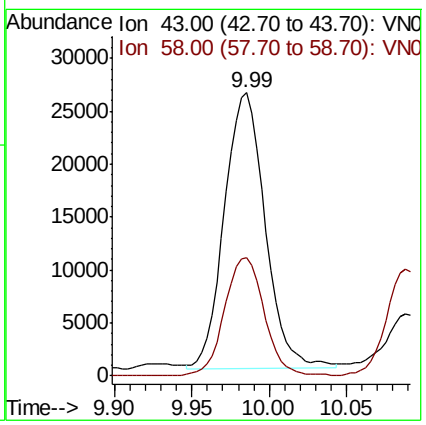


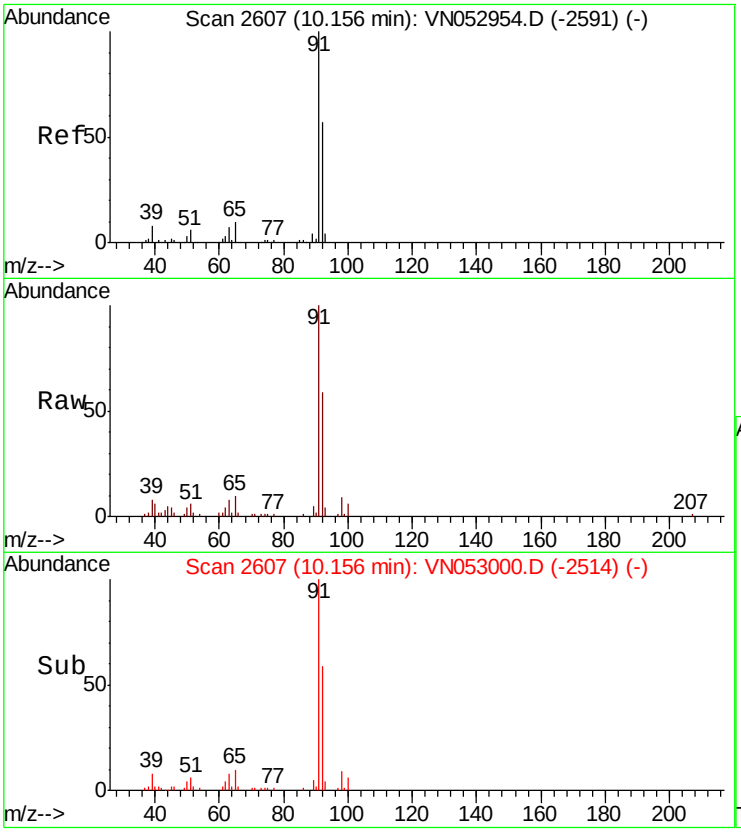


#51
4-Methyl-2-Pentanone
Concen: 4.565 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN053000.D
Acq: 19 Dec 2018 10:23

Tgt Ion: 43 Resp: 47867

Ion	Ratio	Lower	Upper
43	100		
58	41.7	32.2	48.4



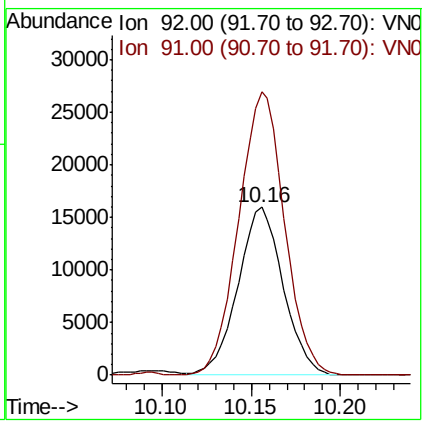


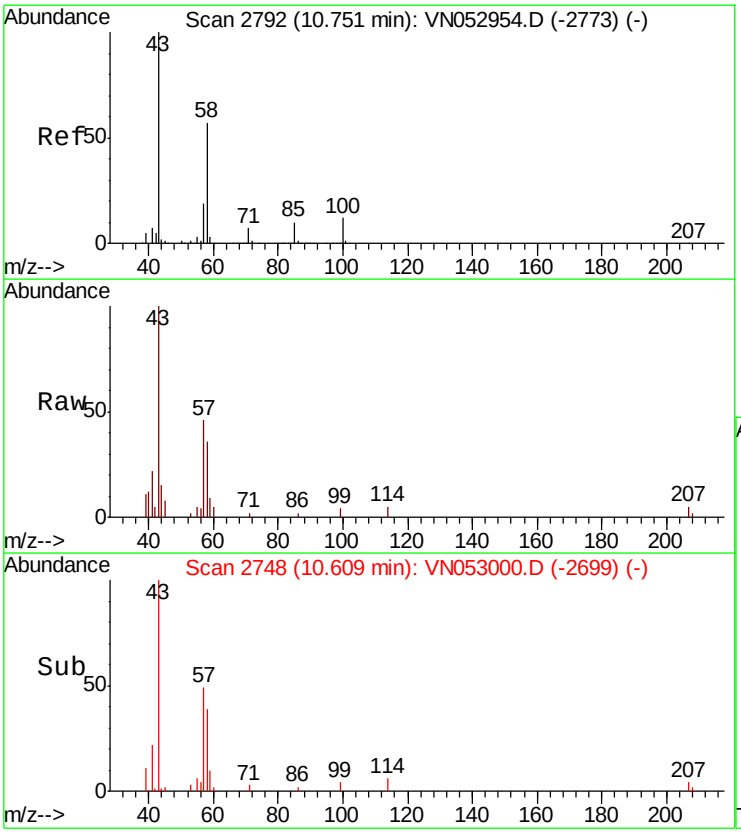
#52
Toluene
Concen: 0.789 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. -0.00 min
Lab File: VN053000.D
Acq: 19 Dec 2018 10:23

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 92 Resp: 28224

Ion	Ratio	Lower	Upper
92	100		
91	171.0	139.8	209.6

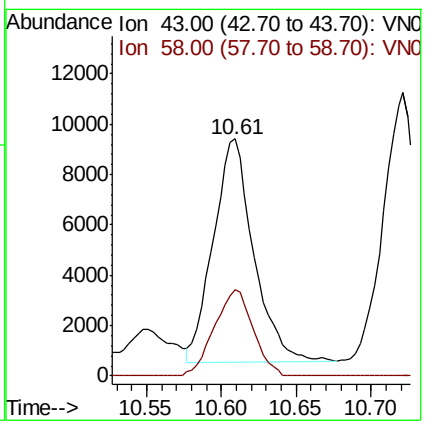


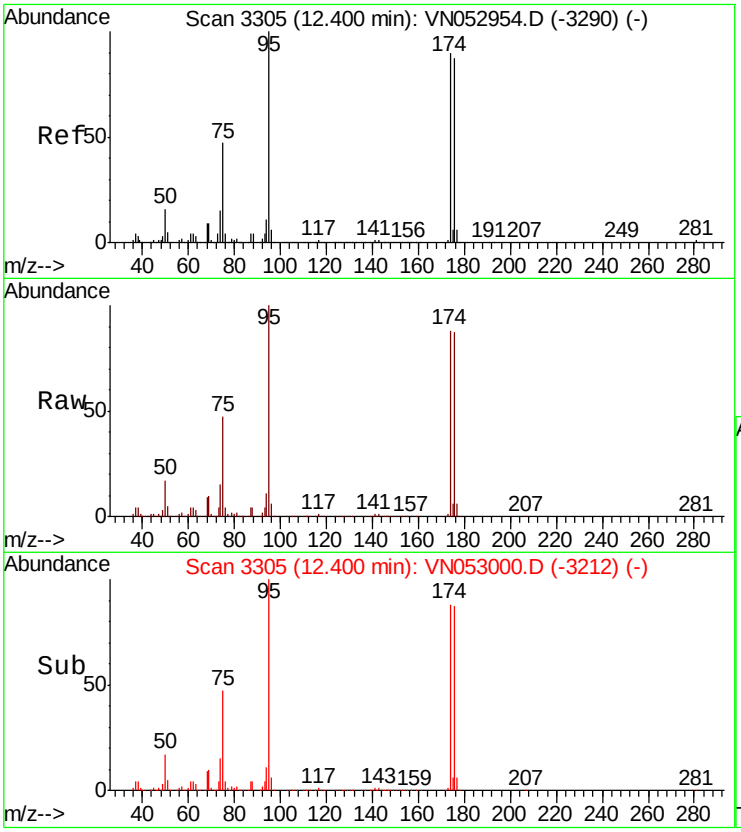


#59
2-Hexanone
Concen: 2.349 ug/l
RT: 10.61 min Scan# 2748
Delta R.T. -0.14 min
Lab File: VN053000.D
Acq: 19 Dec 2018 10:23

Tgt Ion: 43 Resp: 16664

Ion	Ratio	Lower	Upper
43	100		
58	36.8	28.1	84.3



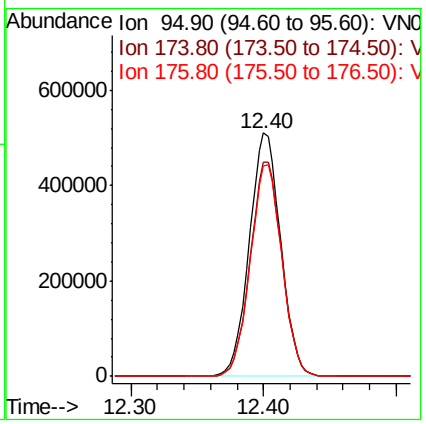


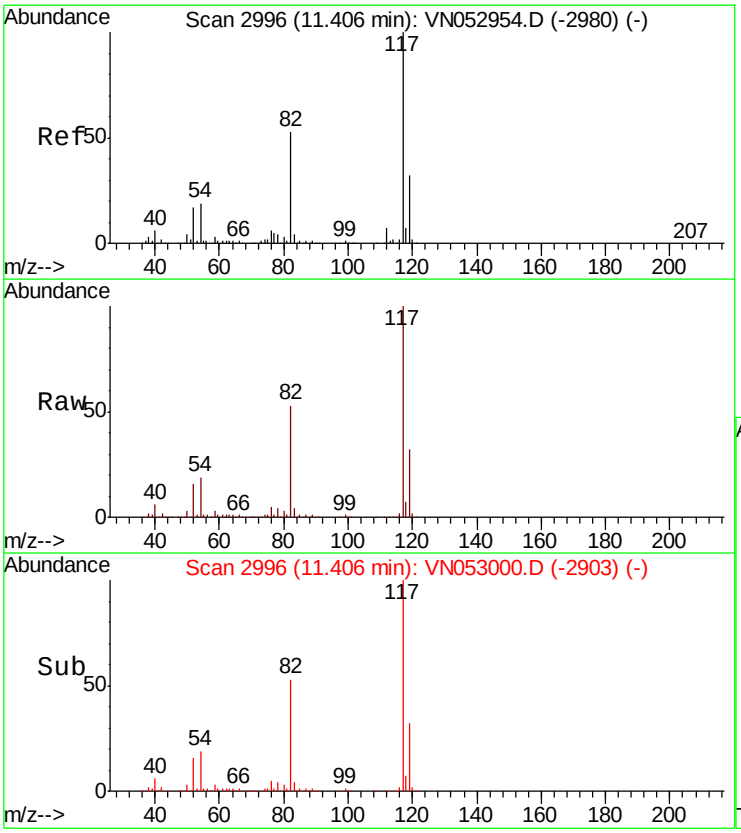
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN053000.D
Acq: 19 Dec 2018 10:23

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 95 Resp: 836886

Ion	Ratio	Lower	Upper
95	100		
174	89.0	0.0	178.8
176	87.4	0.0	173.8

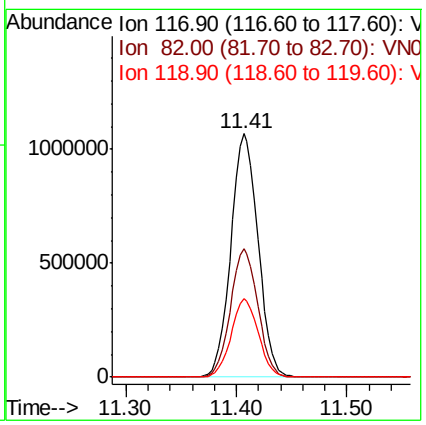


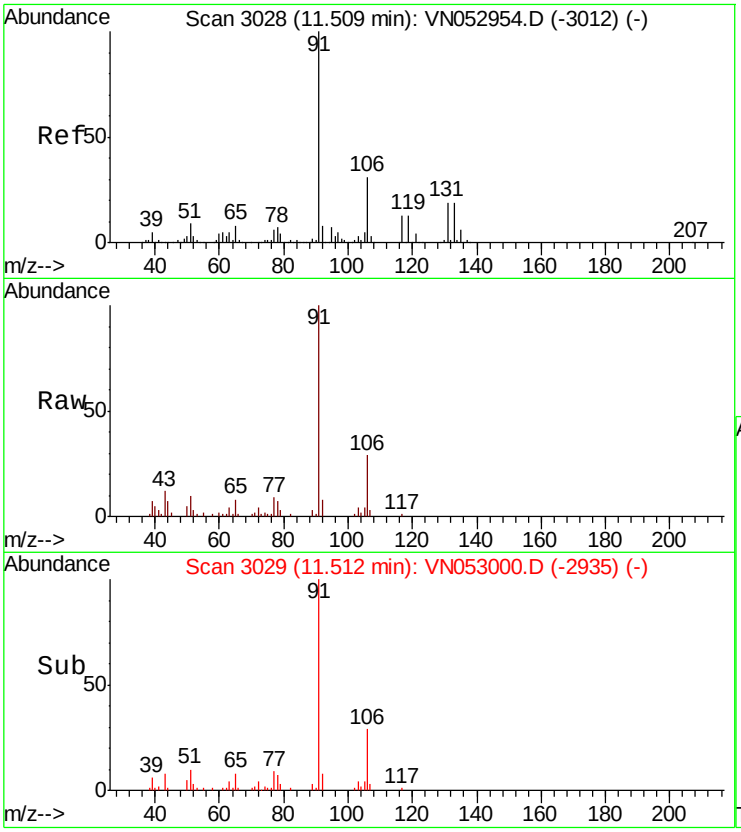


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN053000.D
Acq: 19 Dec 2018 10:23

Tgt Ion:117 Resp: 1825169

Ion	Ratio	Lower	Upper
117	100		
82	52.6	42.8	64.2
119	32.0	25.5	38.3



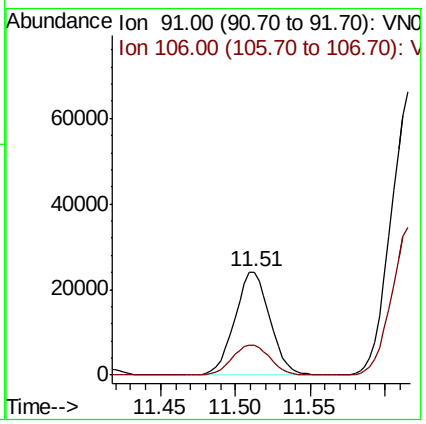


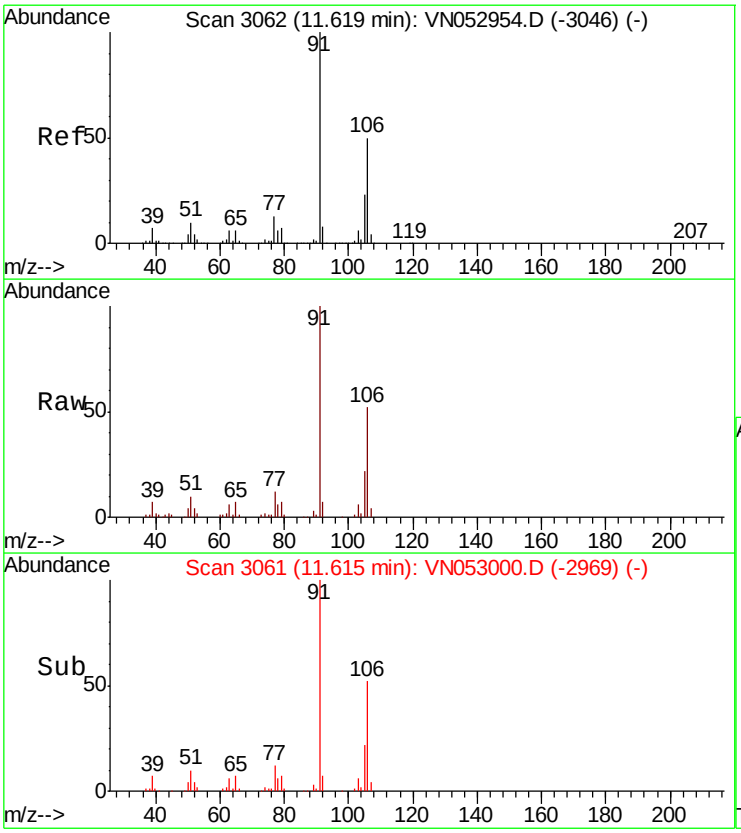
#67
Ethyl Benzene
Concen: 0.567 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN053000.D
Acq: 19 Dec 2018 10:23

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 91 Resp: 39437

Ion	Ratio	Lower	Upper
91	100		
106	29.0	24.9	37.3

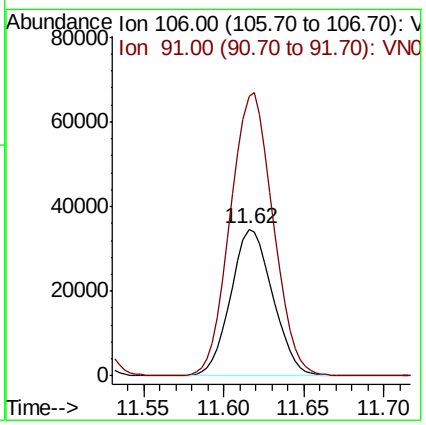


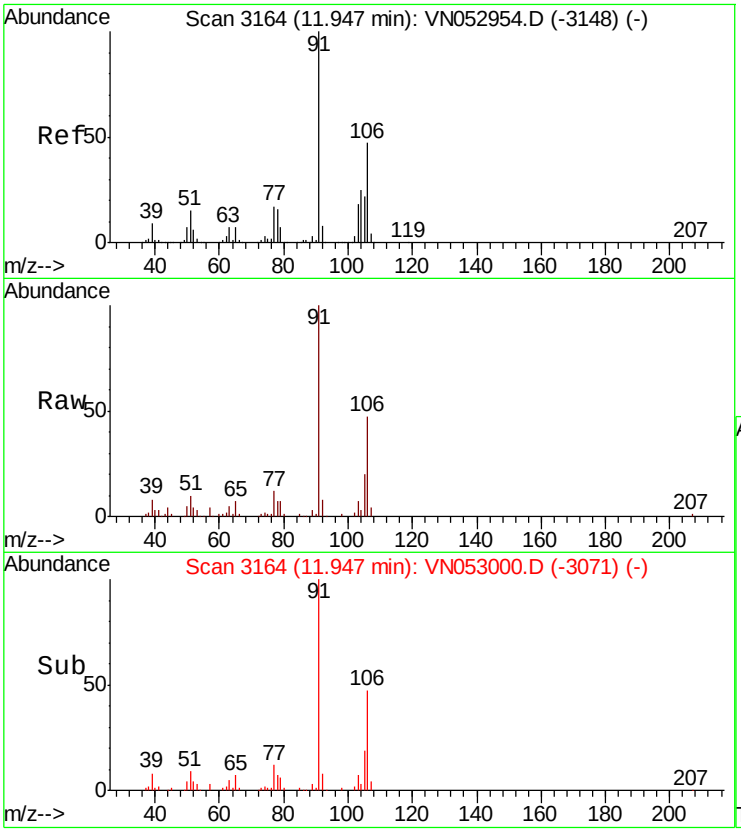


#68
m/p-Xylenes
Concen: 2.345 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN053000.D
Acq: 19 Dec 2018 10:23

Tgt Ion:106 Resp: 62032

Ion	Ratio	Lower	Upper
106	100		
91	197.0	162.2	243.4



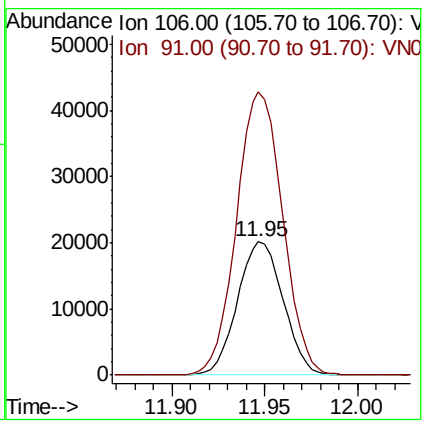


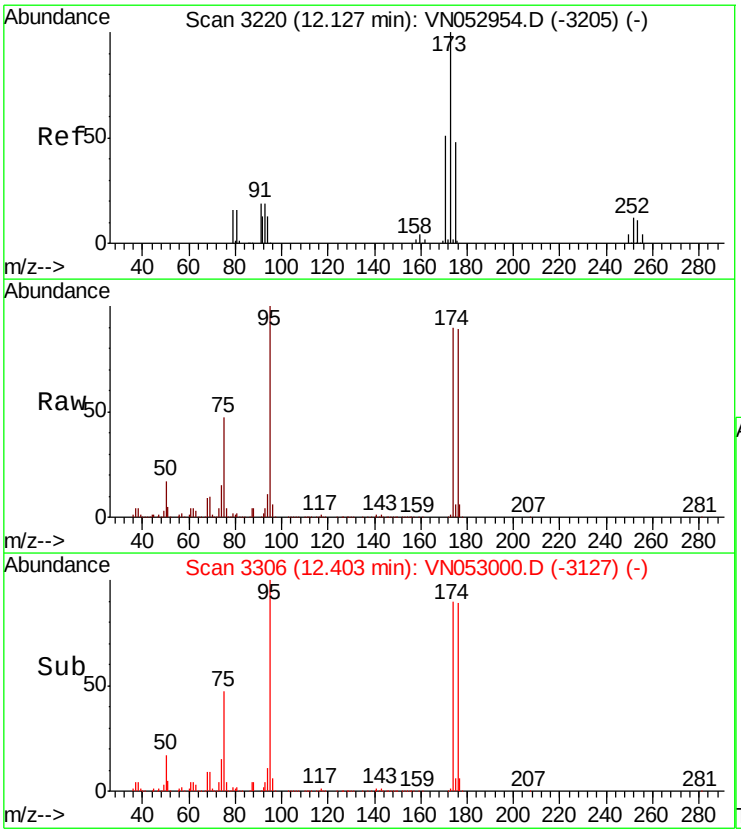
#69
o-Xylene
Concen: 1.351 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN053000.D
Acq: 19 Dec 2018 10:23

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:106 Resp: 34285

Ion	Ratio	Lower	Upper
106	100		
91	215.8	106.6	319.8

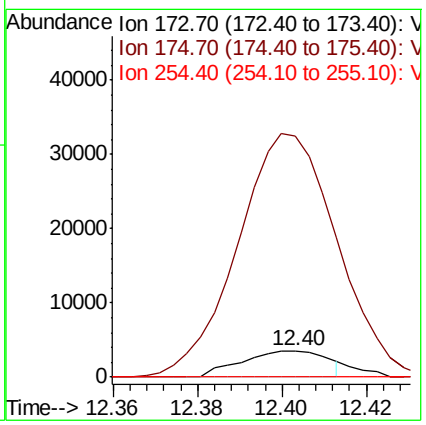


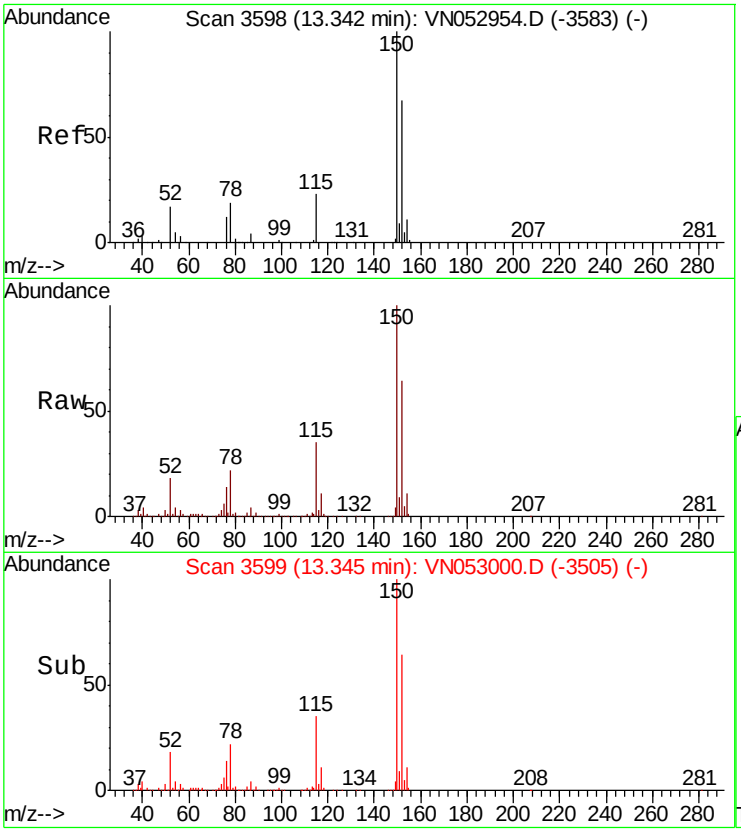


#71
Bromoform
Concen: 0.492 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN053000.D
Acq: 19 Dec 2018 10:23

Tgt Ion:173 Resp: 4999

Ion	Ratio	Lower	Upper
173	100		
175	954.1	24.3	72.9#
254	0.0	0.1	0.1#



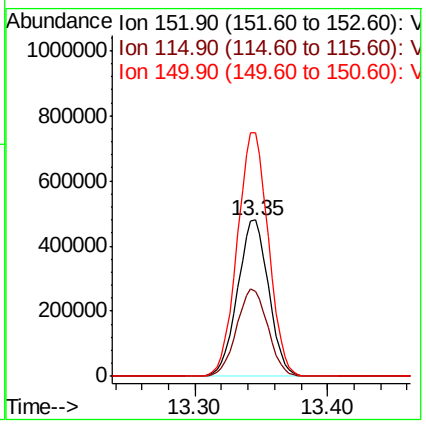


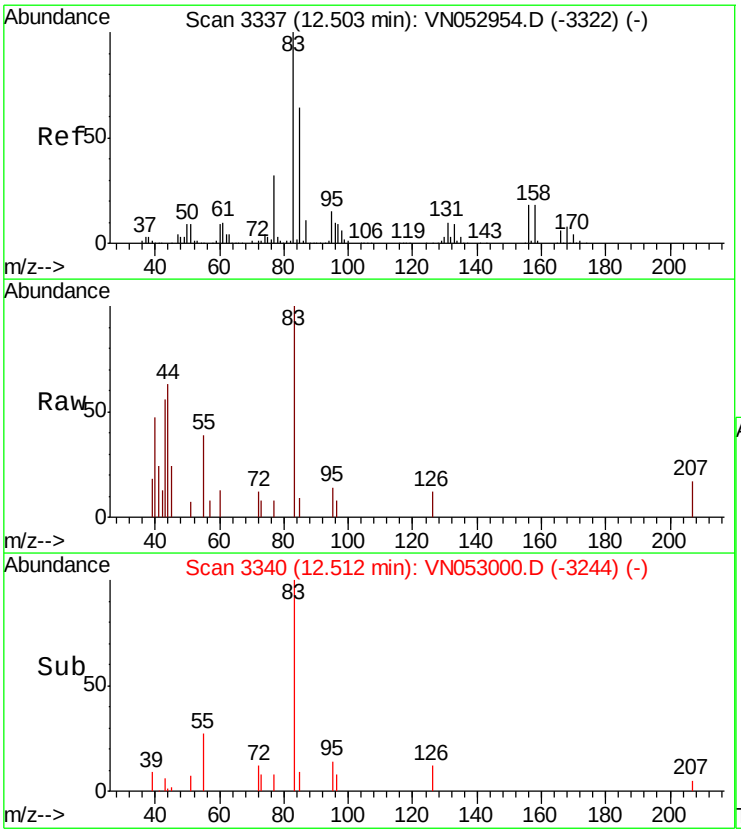
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053000.D
Acq: 19 Dec 2018 10:23

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:152 Resp: 779240

Ion	Ratio	Lower	Upper
152	100		
115	56.3	28.3	85.0
150	156.4	0.0	347.8

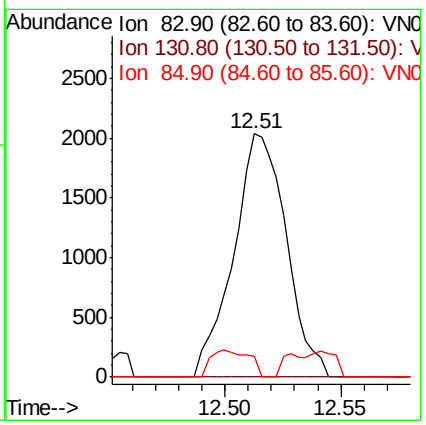


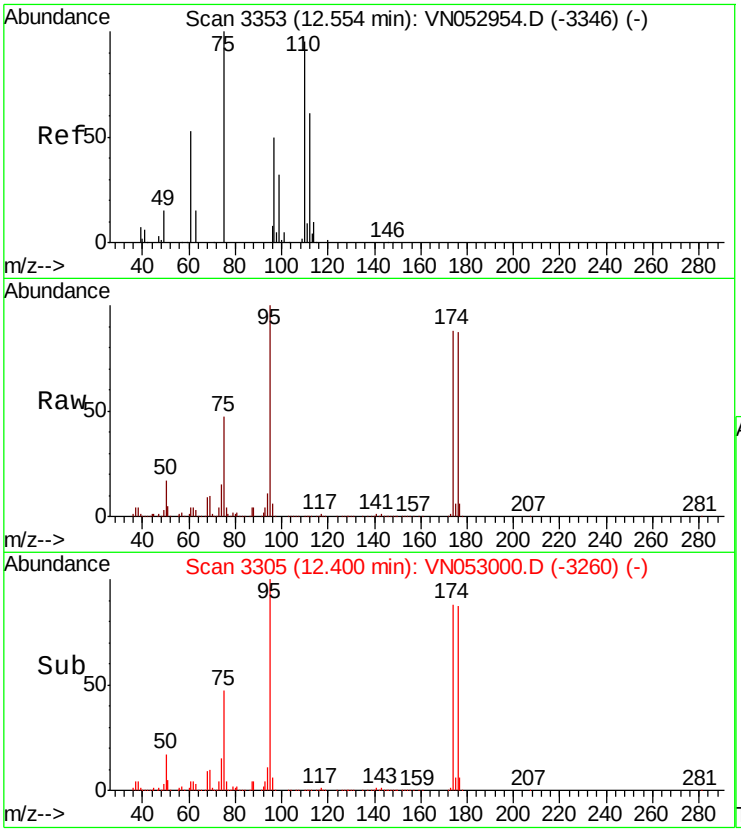


#75
1,1,2,2-Tetrachloroethane
Concen: 0.268 ug/l
RT: 12.51 min Scan# 3340
Delta R.T. 0.01 min
Lab File: VN053000.D
Acq: 19 Dec 2018 10:23

Tgt Ion: 83 Resp: 3206

Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.2	15.6#
85	8.2	32.4	97.0#



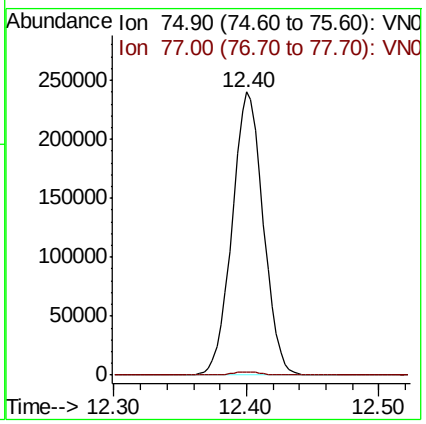


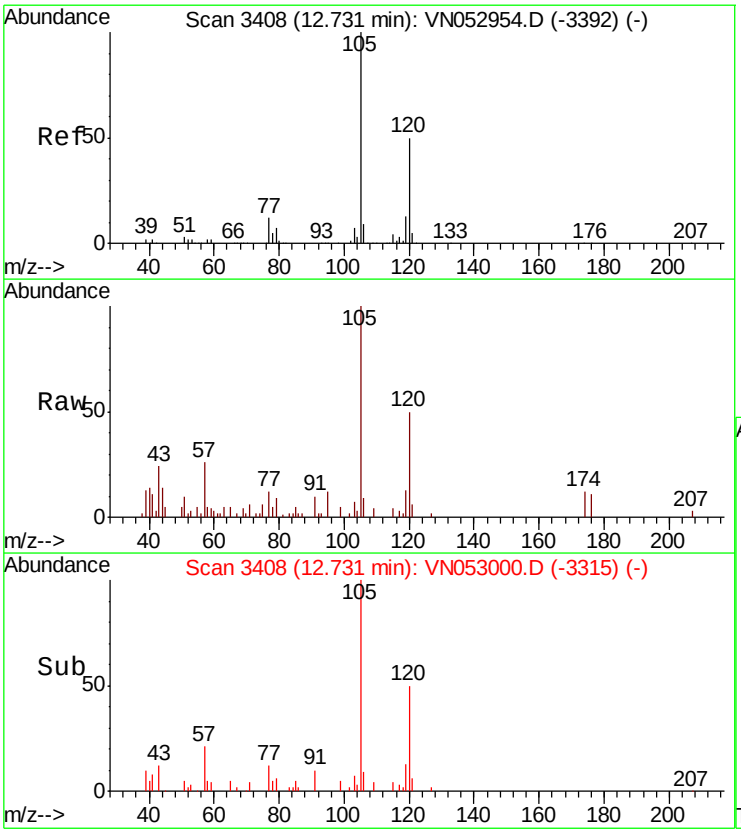
#76
1,2,3-Trichloropropane
Concen: 29.745 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN053000.D
Acq: 19 Dec 2018 10:23

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 390187

Ion	Ratio	Lower	Upper
75	100		
77	1.1	0.0	0.0#

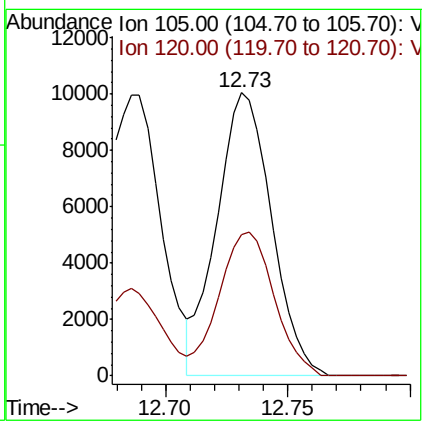


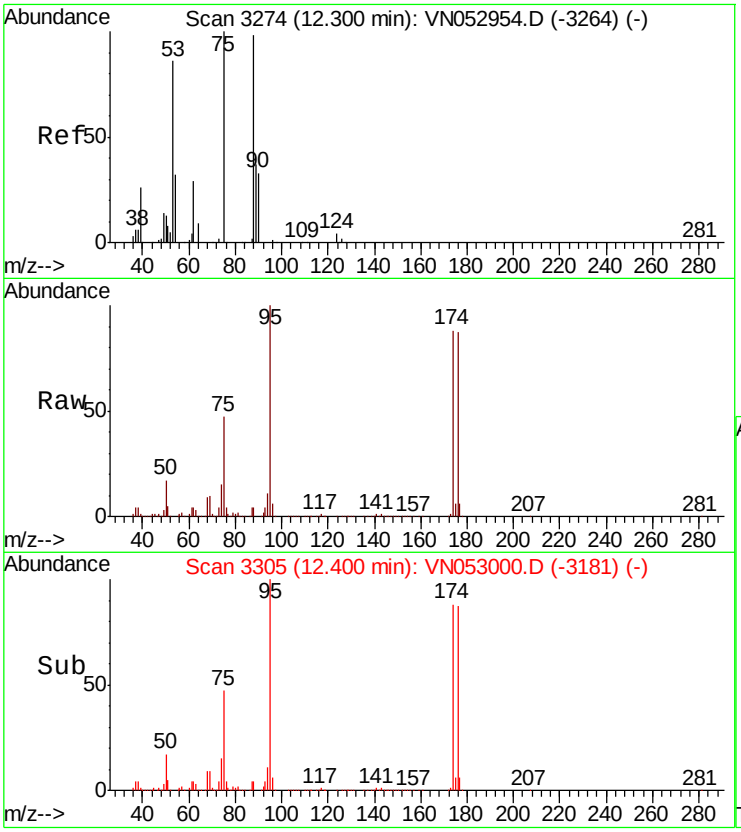


#80
1,3,5-Trimethylbenzene
Concen: 0.316 ug/l
RT: 12.73 min Scan# 3408
Delta R.T. -0.00 min
Lab File: VN053000.D
Acq: 19 Dec 2018 10:23

Tgt Ion:105 Resp: 15692

Ion	Ratio	Lower	Upper
105	100		
120	51.3	24.4	73.2



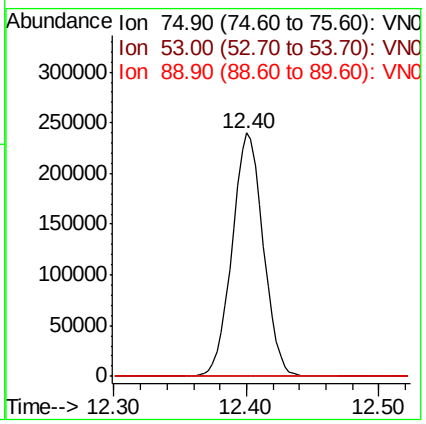


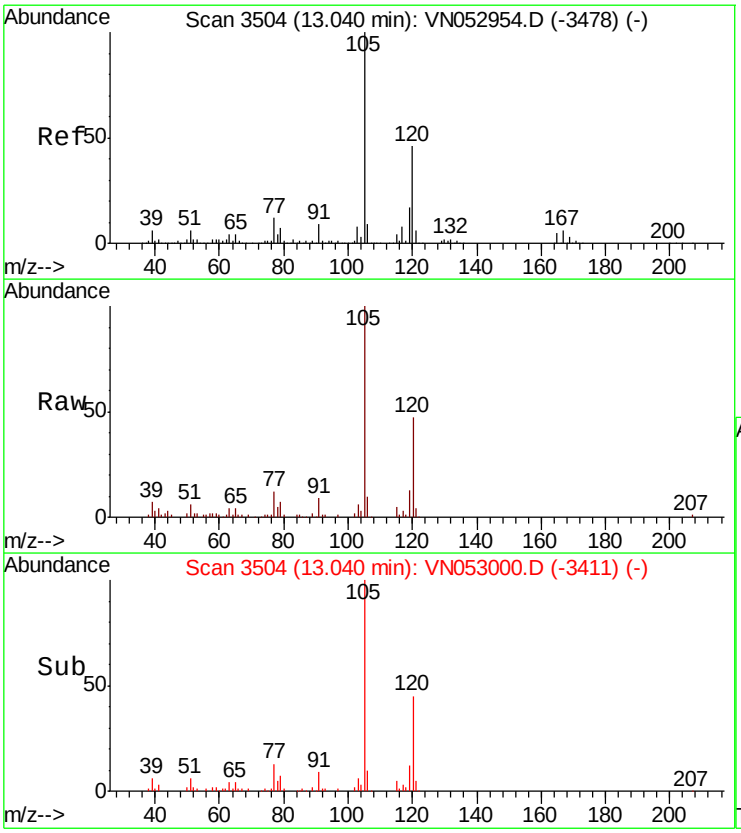
#81
trans-1,4-Dichloro-2-butene
Concen: 95.872 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN053000.D
Acq: 19 Dec 2018 10:23

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 390187

Ion	Ratio	Lower	Upper
75	100		
53	0.0	74.7	112.1#
89	0.0	36.1	54.1#

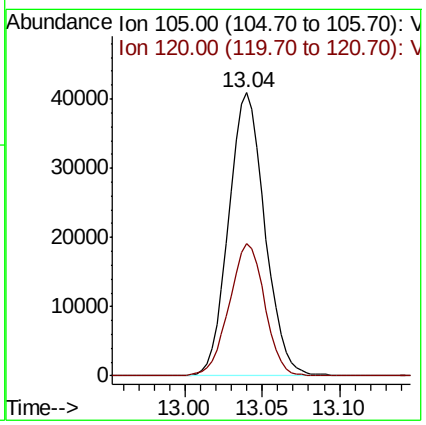


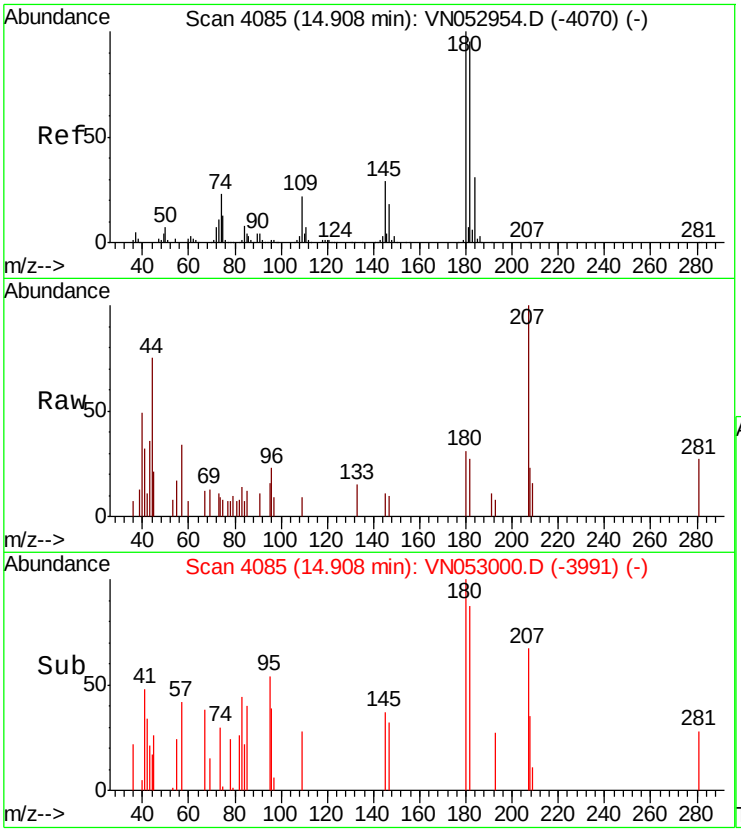


#84
1,2,4-Trimethylbenzene
Concen: 1.325 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. -0.00 min
Lab File: VN053000.D
Acq: 19 Dec 2018 10:23

Tgt Ion:105 Resp: 66202

Ion	Ratio	Lower	Upper
105	100		
120	45.9	22.9	68.8



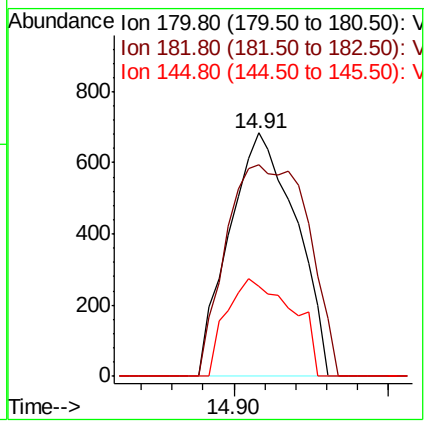


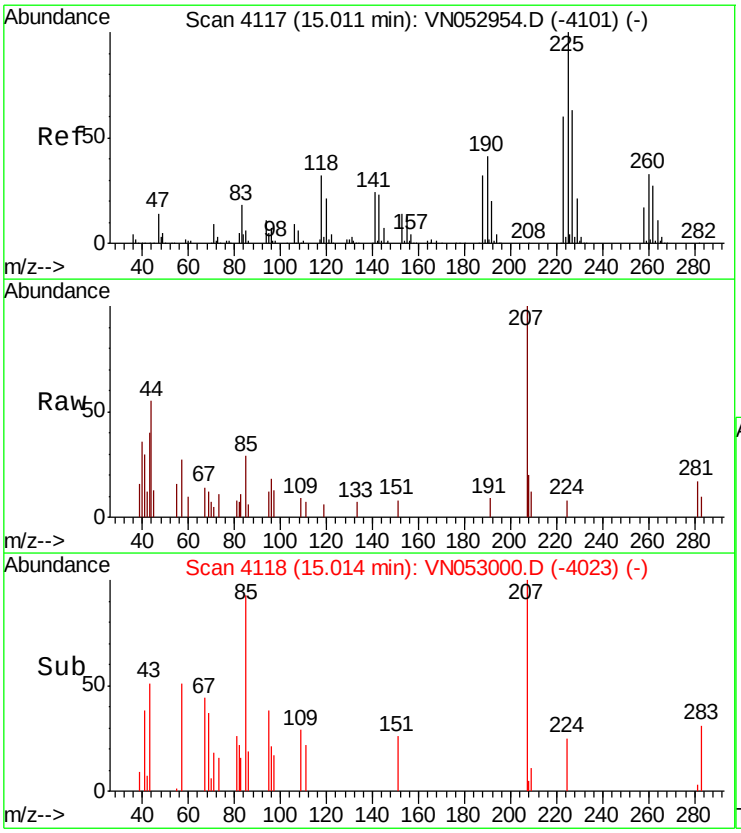
#93
1,2,4-Trichlorobenzene
Concen: 0.668 ug/l
RT: 14.91 min Scan# 4085
Delta R.T. 0.00 min
Lab File: VN053000.D
Acq: 19 Dec 2018 10:23

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:180 Resp: 1023

Ion	Ratio	Lower	Upper
180	100		
182	107.0	47.8	143.3
145	39.7	14.2	42.6

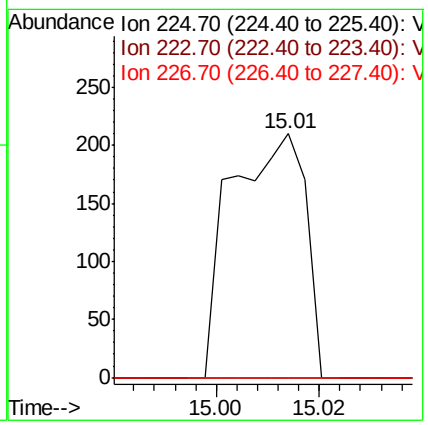


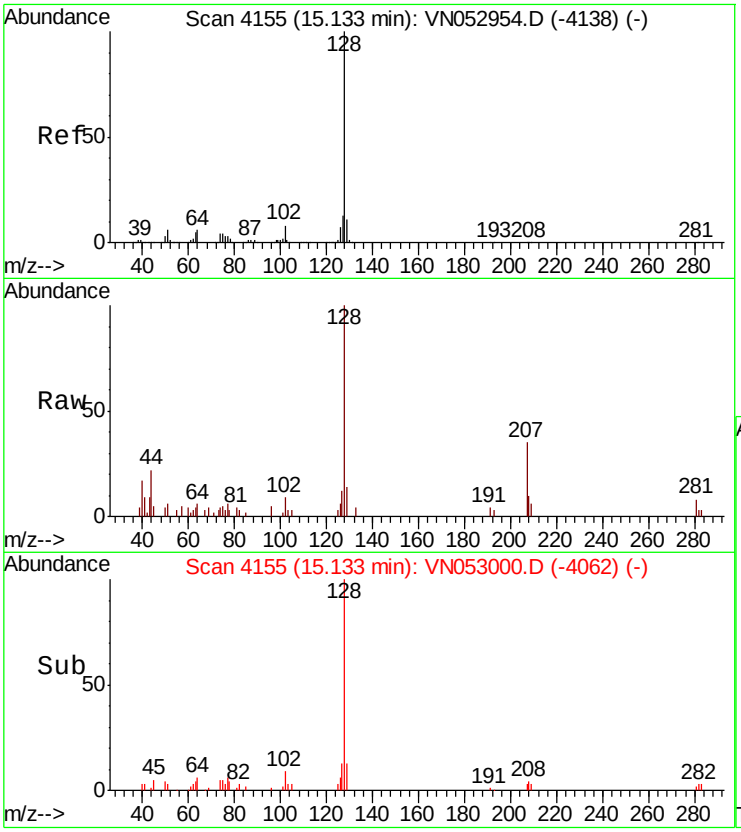


#94
Hexachlorobutadiene
Concen: Below Cal
RT: 15.01 min Scan# 4118
Delta R.T. 0.00 min
Lab File: VN053000.D
Acq: 19 Dec 2018 10:23

Tgt Ion:225 Resp: 209

Ion	Ratio	Lower	Upper
225	100		
223	0.0	31.5	94.5#
227	0.0	31.9	95.7#



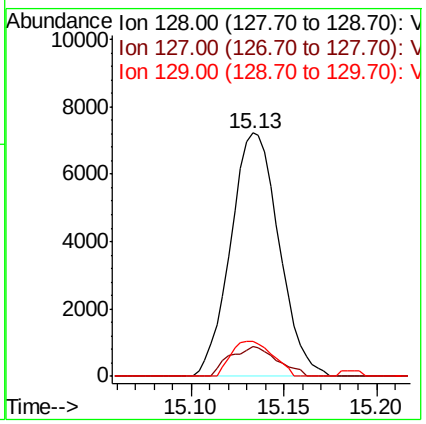


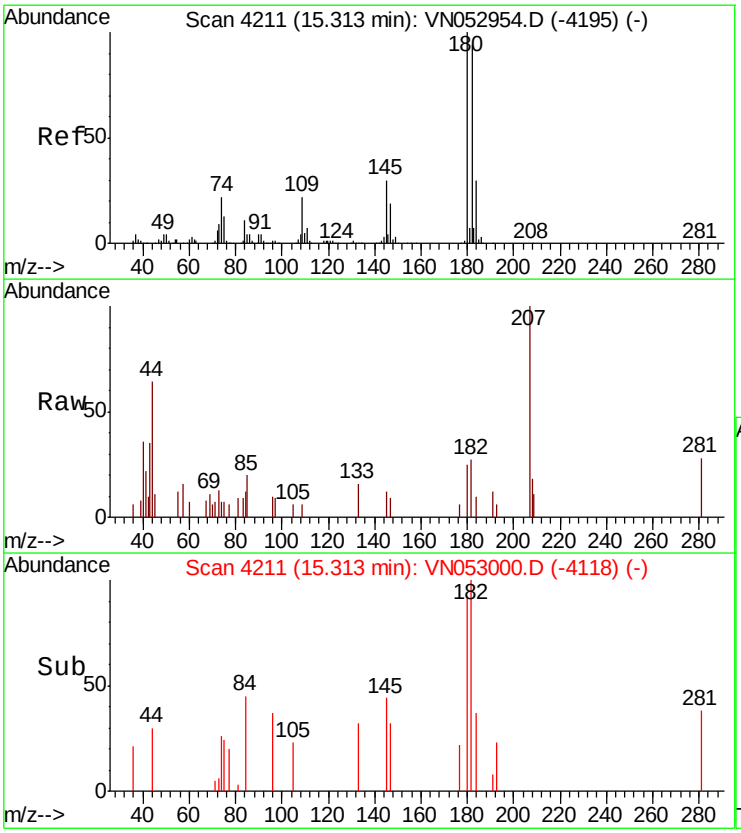
#95
Naphthalene
Concen: 1.564 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. -0.00 min
Lab File: VN053000.D
Acq: 19 Dec 2018 10:23

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 13073

Ion	Ratio	Lower	Upper
128	100		
127	11.9	10.2	15.4
129	12.3	8.6	13.0





#96
1,2,3-Trichlorobenzene
Concen: 0.584 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. 0.00 min
Lab File: VN053000.D
Acq: 19 Dec 2018 10:23

Tgt Ion:180 Resp: 974

Ion	Ratio	Lower	Upper
180	100		
182	130.7	47.9	143.7
145	25.9	15.0	45.0