Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN100118\
Data File : VN051640.D
Acq On : 1 Oct 2018 16:07
Operator : MD\SY
Sample : J5166-02DL 5X
Misc : Sample
ALS Vial : 16 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : 002M-35TH-AVE(AUG)DL

Quant Time: Oct 02 01:02:35 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N092818W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Sep 29 01:07:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	7.20	128	95132	30.00	ug/l		0.00
28) 1,4-Difluorobenzene	8.59	114	468220	30.00	ug/l		0.00
57) Chlorobenzene-d5	11.41	117	414837	30.00	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	8.03	65	207357	31.30	ug/l		0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 104.33%				
60) 4-Bromofluorobenzene	12.40	95	143210	22.45	ug/l		0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 74.83%				
63) Toluene-d8	10.09	98	542157	27.70	ug/l		0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 92.33%				
Target Compounds							Qvalue
15) Acetone	3.82	58	180599	339.266	ug/l		93
23) tert-Butyl Alcohol	4.78	59	134	0.345	ug/l	#	100
30) 2-Butanone	6.85	43	5979	2.752	ug/l	#	89
45) 1,4-Dioxane	8.72	88	75	1.539	ug/l	#	19
49) cis-1,3-Dichloropropene	10.16	75	9167	0.998	ug/l	#	1
56) Bromoform	12.40	173	2552	0.663	ug/l	#	1
58) 4-Methyl-2-Pentanone	9.99	43	3011	0.639	ug/l	#	81
62) Toluene	10.16	91	1424688	56.009	ug/l		100
77) t-1,4-Dichloro-2-butene	12.40	75	68041	40.652	ug/l	#	11
79) tert-butylbenzene	13.29	119	22588	1.221	ug/l		62
82) p-Isopropyltoluene	13.29	119	22588	1.034	ug/l		94
91) Naphthalene	15.13	128	133	8.282	ug/l	#	68

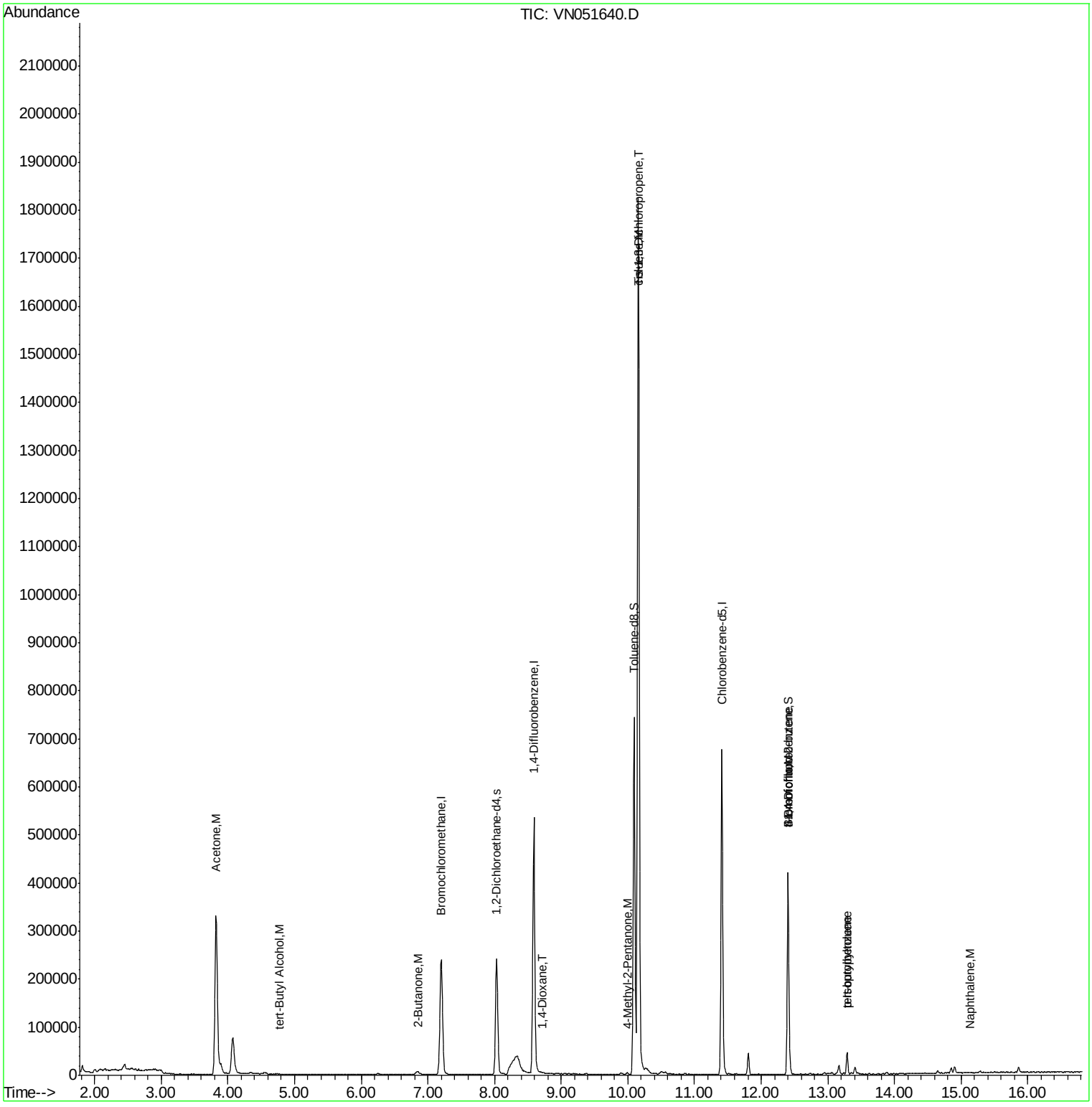
(#) = qualifier out of range (m) = manual integration (+) = signals summed

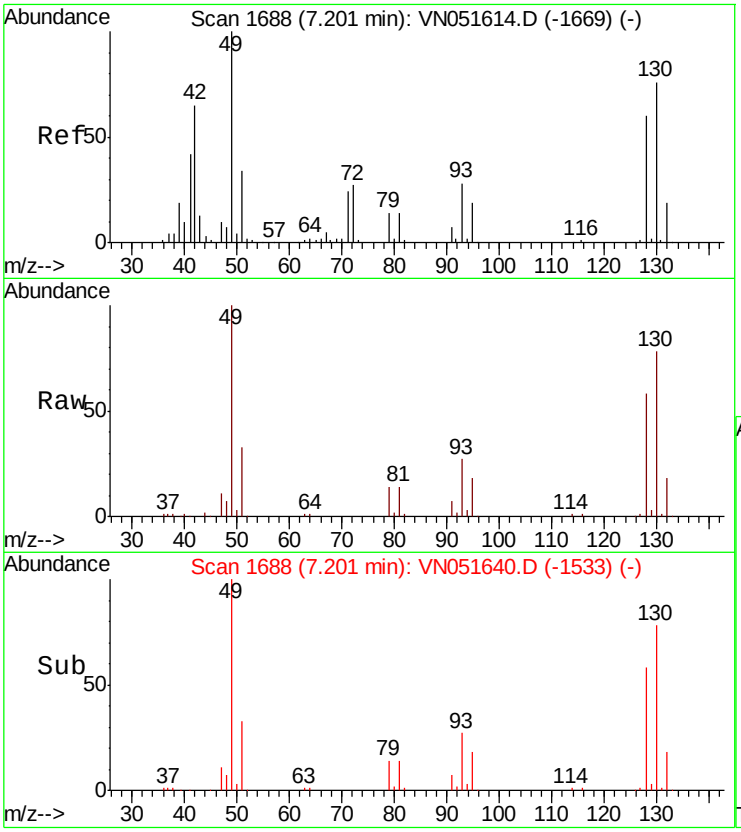
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN100118\
Data File : VN051640.D
Acq On : 1 Oct 2018 16:07
Operator : MD\SY
Sample : J5166-02DL 5X
Misc : Sample
ALS Vial : 16 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
002M-35TH-AVE(AUG)DL

Quant Time: Oct 02 01:02:35 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N092818W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Sep 29 01:07:29 2018
Response via : Initial Calibration



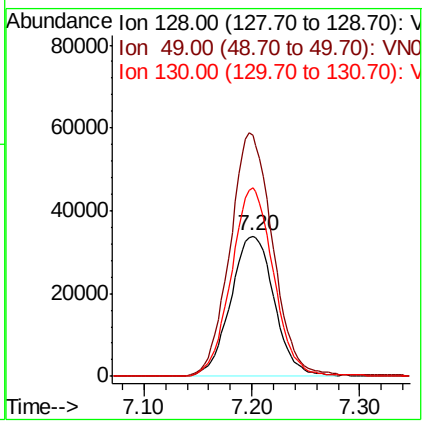


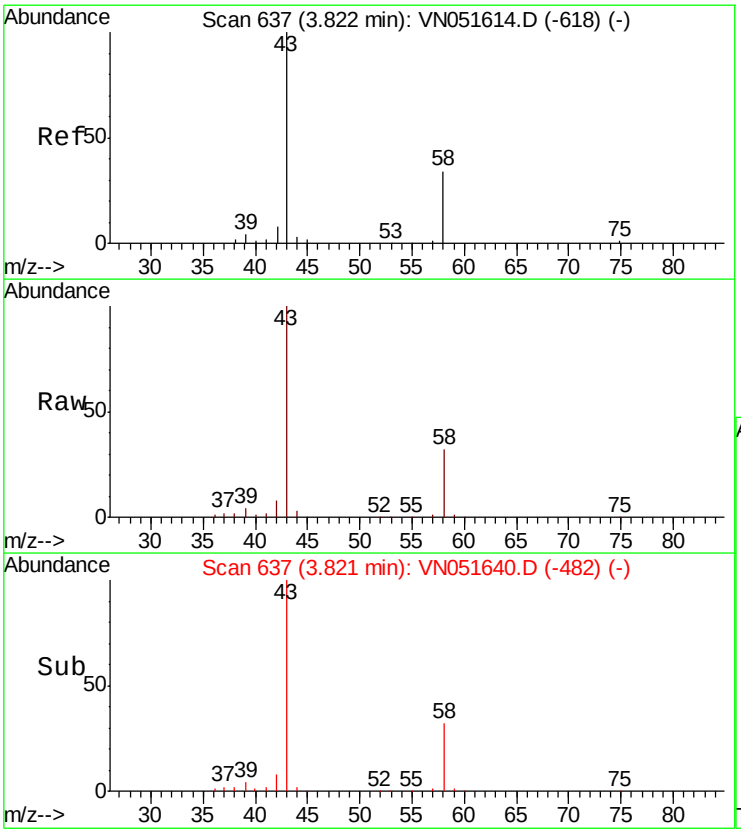
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.20 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VN051640.D
Acq: 1 Oct 2018 16:07

Instrument :
MSVOA_N
ClientSampleId :
002M-35TH-AVE(AUG)DL

Tgt Ion:128 Resp: 95132

Ion	Ratio	Lower	Upper
128	100		
49	170.2	0.0	426.8
130	130.1	0.0	326.3

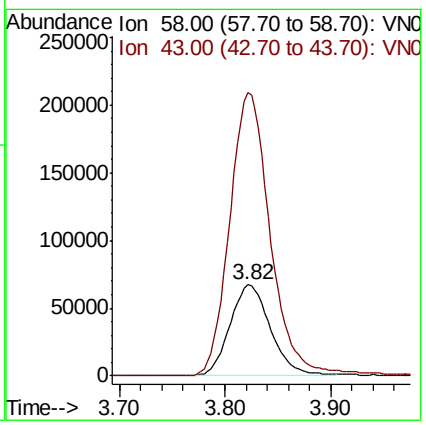


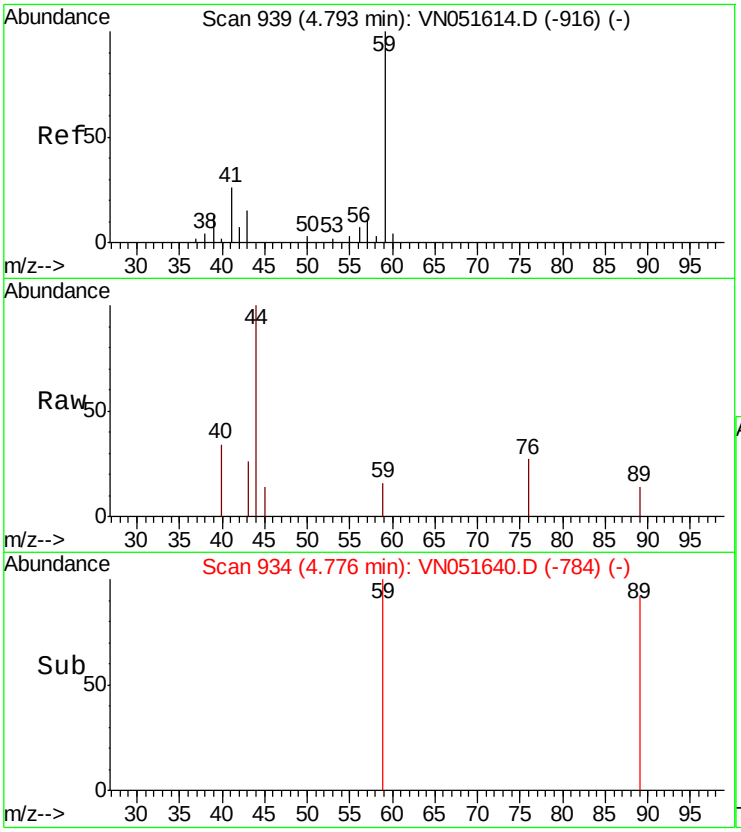


#15
Acetone
Concen: 339.266 ug/l
RT: 3.82 min Scan# 637
Delta R.T. -0.00 min
Lab File: VN051640.D
Acq: 1 Oct 2018 16:07

Tgt Ion: 58 Resp: 180599

Ion	Ratio	Lower	Upper
58	100		
43	310.8	238.0	357.0



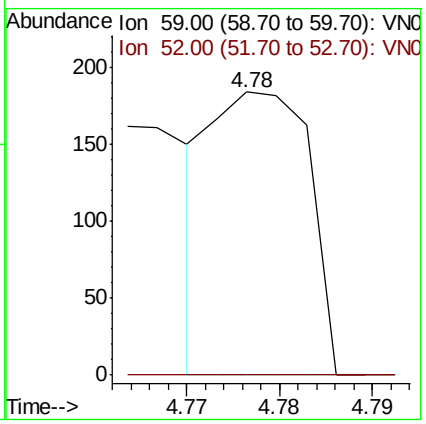


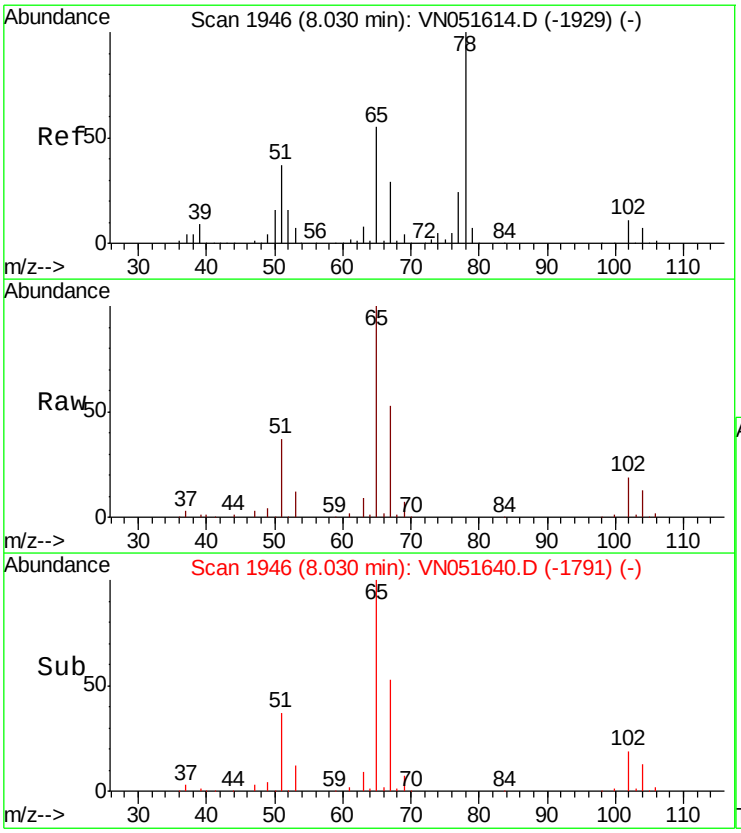
#23
tert-Butyl Alcohol
Concen: 0.345 ug/l
RT: 4.78 min Scan# 934
Delta R.T. -0.02 min
Lab File: VN051640.D
Acq: 1 Oct 2018 16:07

Instrument :
MSVOA_N
ClientSampleId :
002M-35TH-AVE(AUG)DL

Tgt Ion: 59 Resp: 134

Ion	Ratio	Lower	Upper
59	100		
52	0.0	0.0	0.0

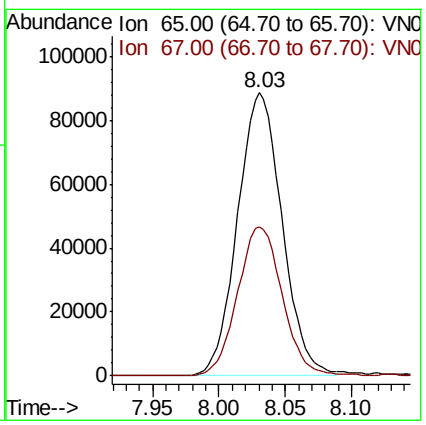


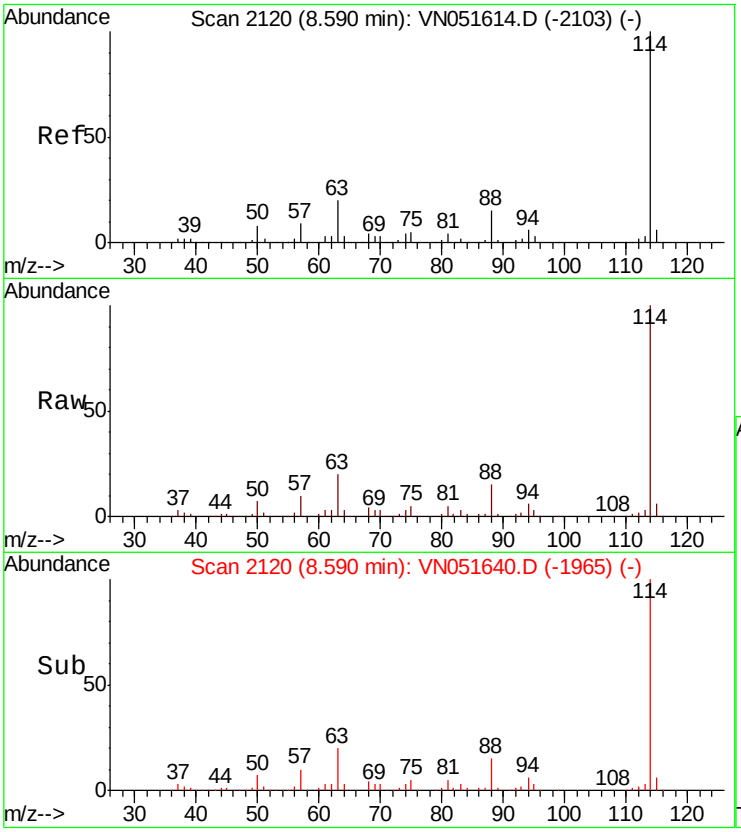


#27
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 8.03 min Scan# 1946
Delta R.T. -0.00 min
Lab File: VN051640.D
Acq: 1 Oct 2018 16:07

Tgt Ion: 65 Resp: 207357

Ion	Ratio	Lower	Upper
65	100		
67	53.2	43.1	64.7



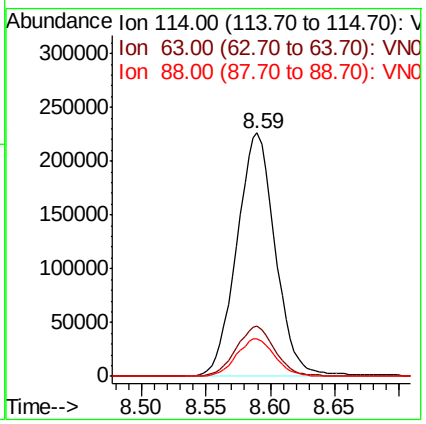


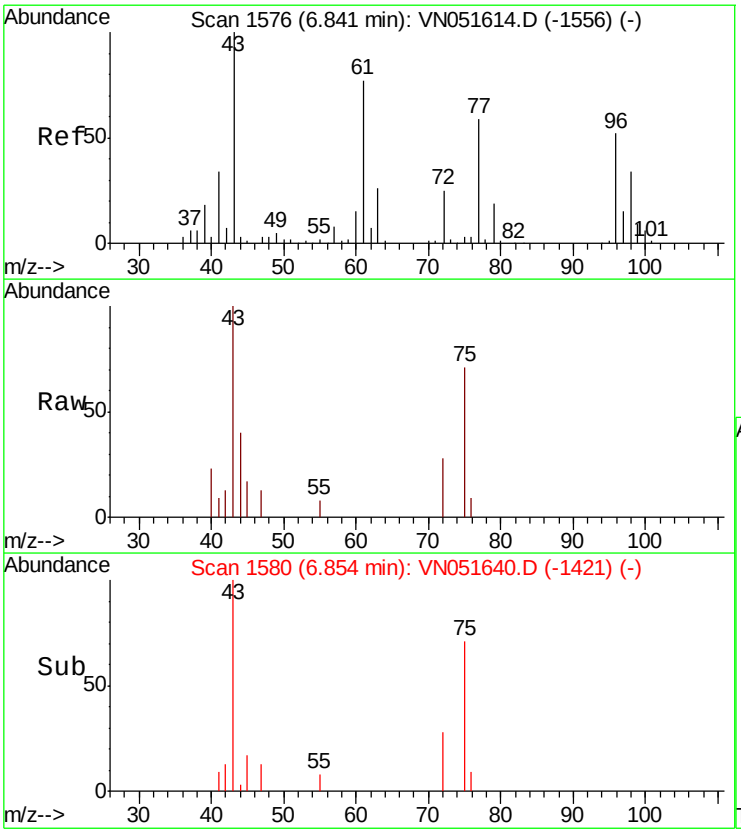
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.59 min Scan# 2120
Delta R.T. -0.00 min
Lab File: VN051640.D
Acq: 1 Oct 2018 16:07

Instrument :
MSVOA_N
ClientSampleId :
002M-35TH-AVE(AUG)DL

Tgt Ion:114 Resp: 468220

Ion	Ratio	Lower	Upper
114	100		
63	20.9	16.4	24.6
88	15.5	12.6	18.8

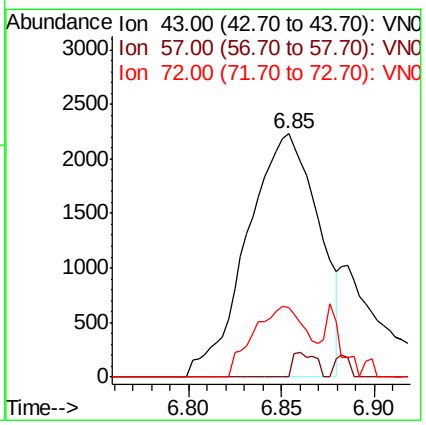


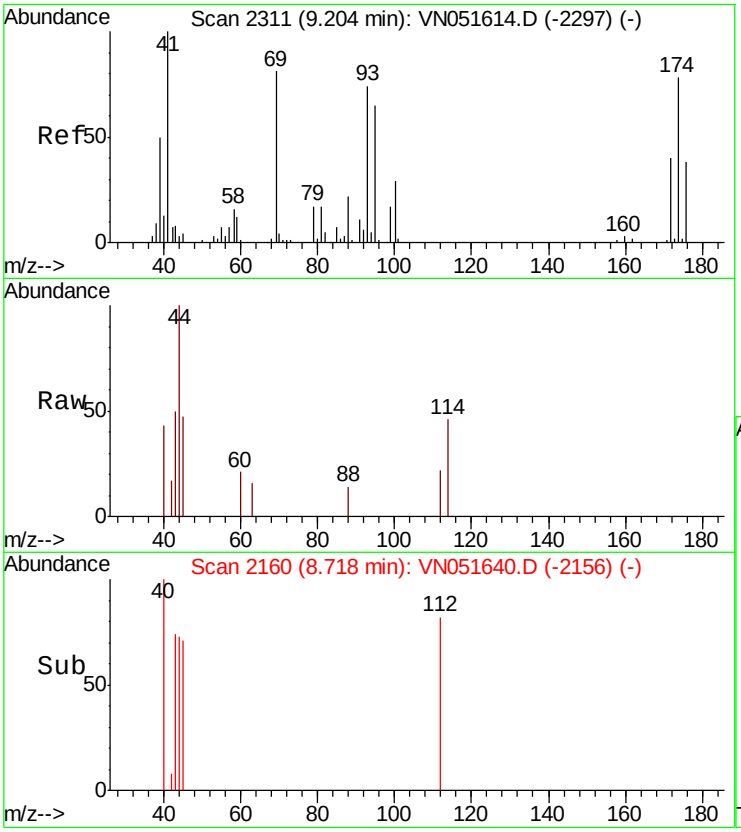


#30
2-Butanone
Concen: 2.752 ug/l
RT: 6.85 min Scan# 1580
Delta R.T. 0.01 min
Lab File: VN051640.D
Acq: 1 Oct 2018 16:07

Tgt Ion: 43 Resp: 5979

Ion	Ratio	Lower	Upper
43	100		
57	2.0	6.6	10.0#
72	21.8	20.8	31.2



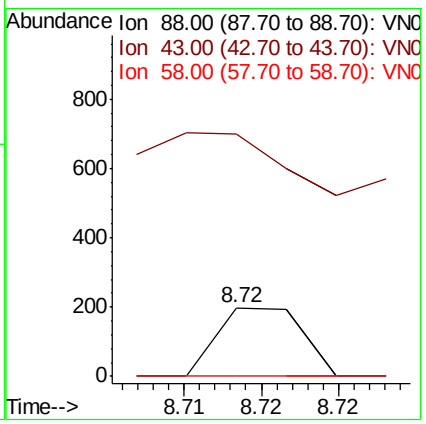


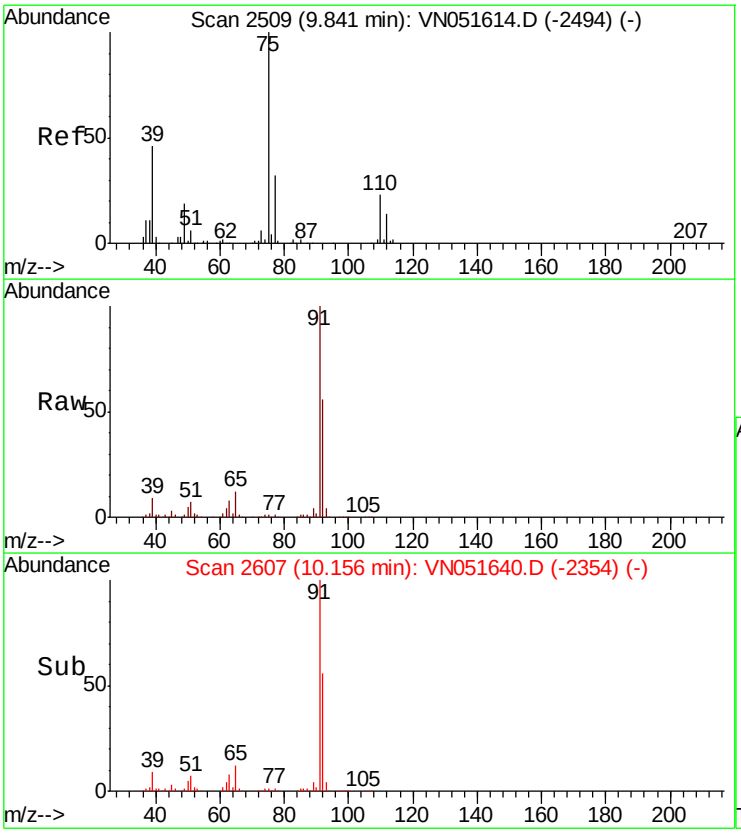
#45
1,4-Dioxane
Concen: 1.539 ug/l
RT: 8.72 min Scan# 2160
Delta R.T. -0.49 min
Lab File: VN051640.D
Acq: 1 Oct 2018 16:07

Instrument :
MSVOA_N
ClientSampleId :
002M-35TH-AVE(AUG)DL

Tgt Ion: 88 Resp: 75

Ion	Ratio	Lower	Upper
88	100		
43	76.0	29.0	43.6#
58	0.0	59.0	88.6#

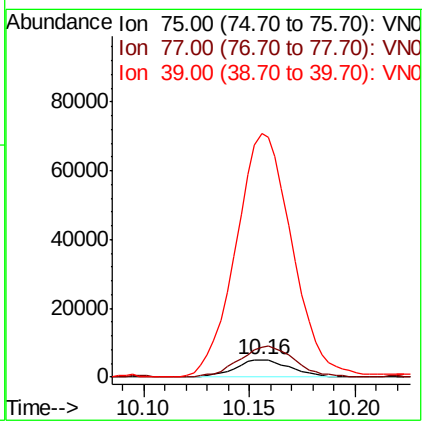


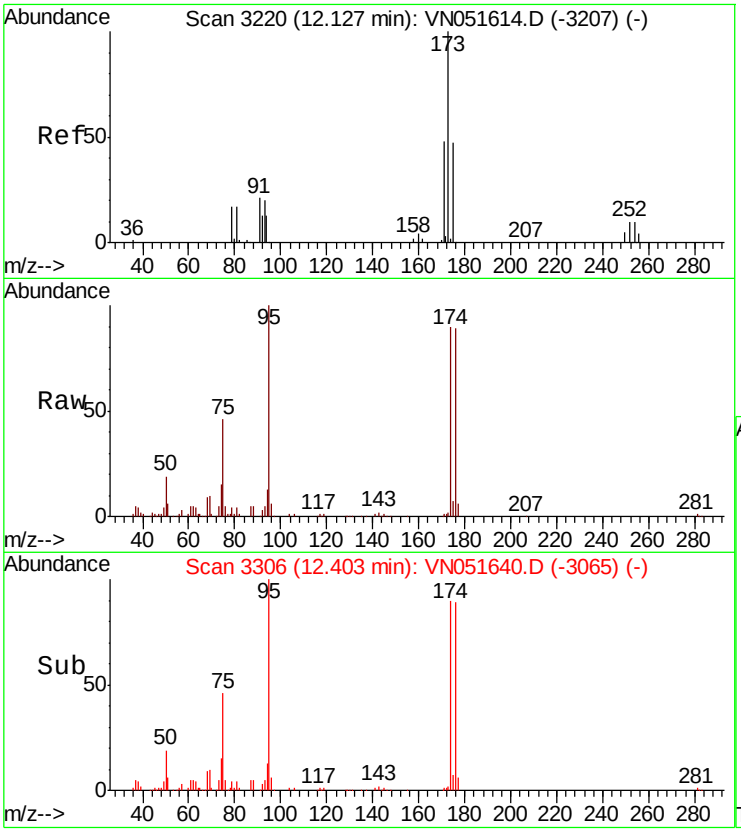


#49
cis-1,3-Dichloropropene
Concen: 0.998 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. 0.32 min
Lab File: VN051640.D
Acq: 1 Oct 2018 16:07

Tgt Ion: 75 Resp: 9167

Ion	Ratio	Lower	Upper
75	100		
77	169.8	25.4	38.0#
39	1368.7	36.6	55.0#



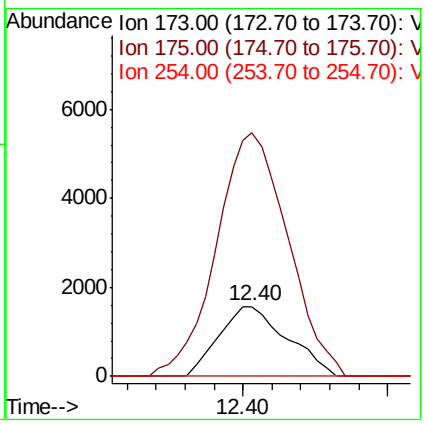


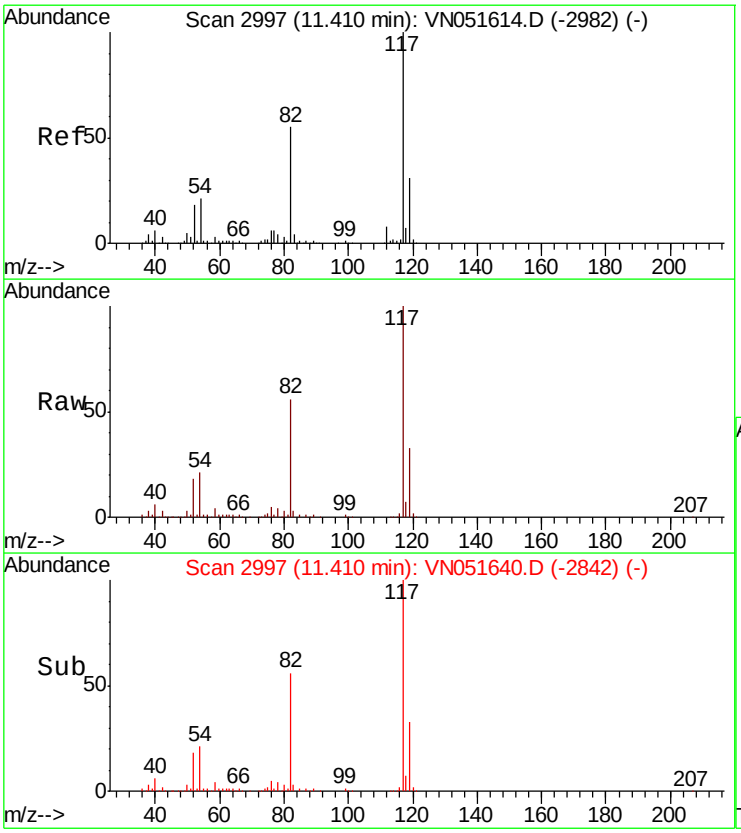
#56
Bromoform
Concen: 0.663 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN051640.D
Acq: 1 Oct 2018 16:07

Instrument :
MSVOA_N
ClientSampleId :
002M-35TH-AVE(AUG)DL

Tgt Ion:173 Resp: 2552

Ion	Ratio	Lower	Upper
173	100		
175	366.7	39.0	58.4#
254	0.0	8.7	13.1#

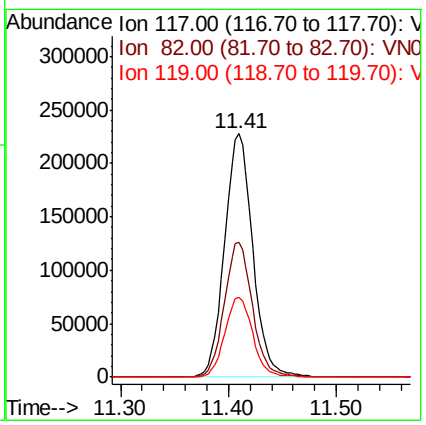


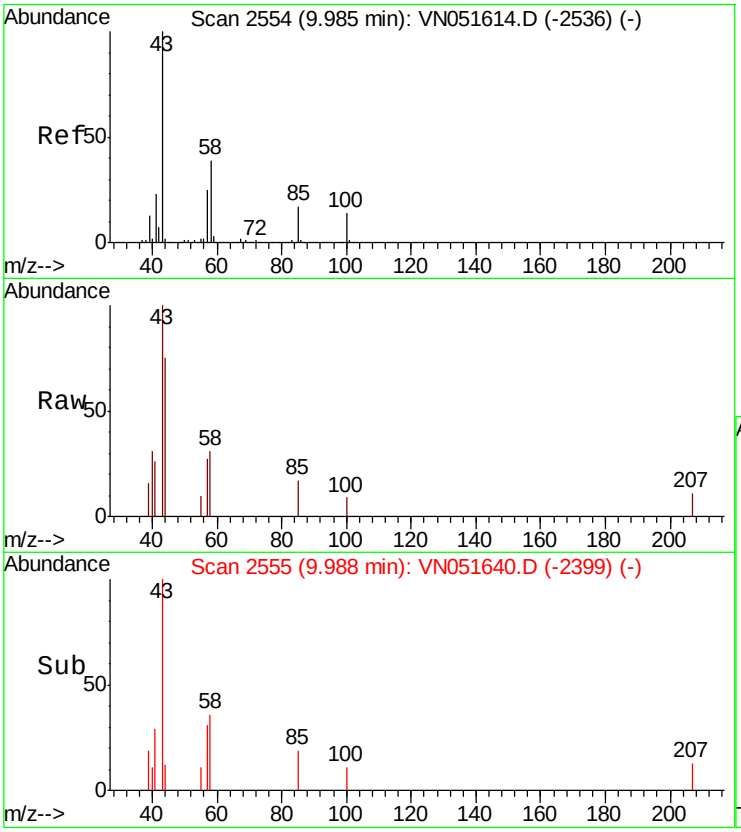


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. -0.00 min
Lab File: VN051640.D
Acq: 1 Oct 2018 16:07

Tgt Ion:117 Resp: 414837

Ion	Ratio	Lower	Upper
117	100		
82	55.1	44.2	66.2
119	32.6	25.2	37.8



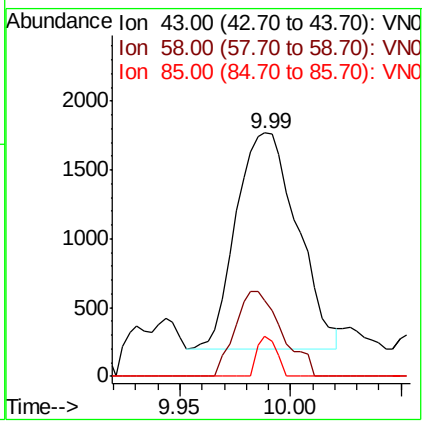


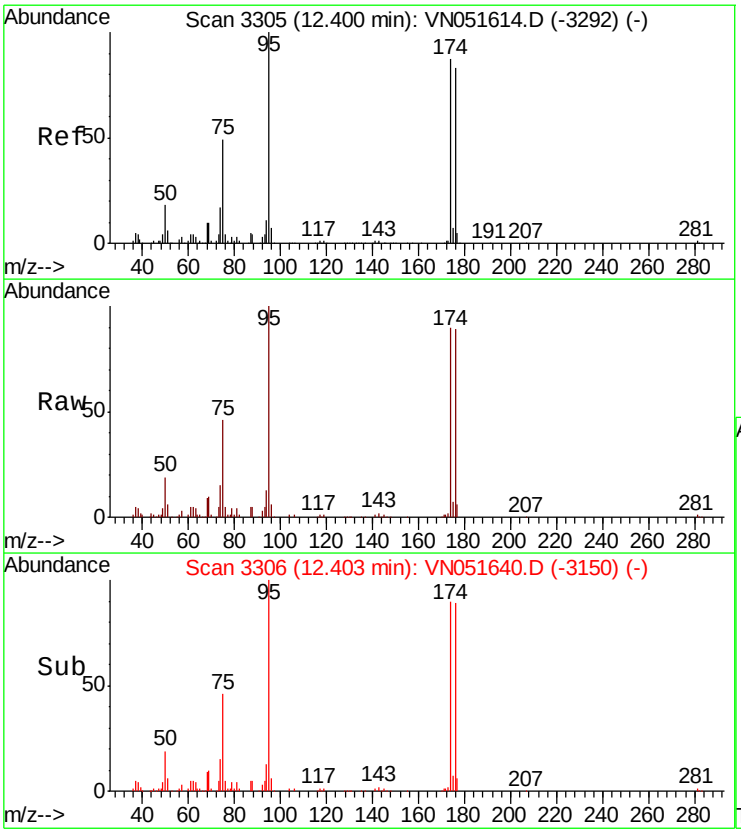
#58
4-Methyl-2-Pentanone
Concen: 0.639 ug/l
RT: 9.99 min Scan# 2555
Delta R.T. 0.00 min
Lab File: VN051640.D
Acq: 1 Oct 2018 16:07

Instrument :
MSVOA_N
ClientSampleId :
002M-35TH-AVE(AUG)DL

Tgt Ion: 43 Resp: 3011

Ion	Ratio	Lower	Upper
43	100		
58	29.2	31.0	46.4#
85	5.9	13.4	20.2#

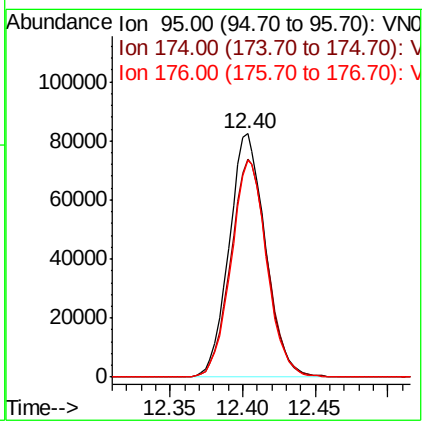


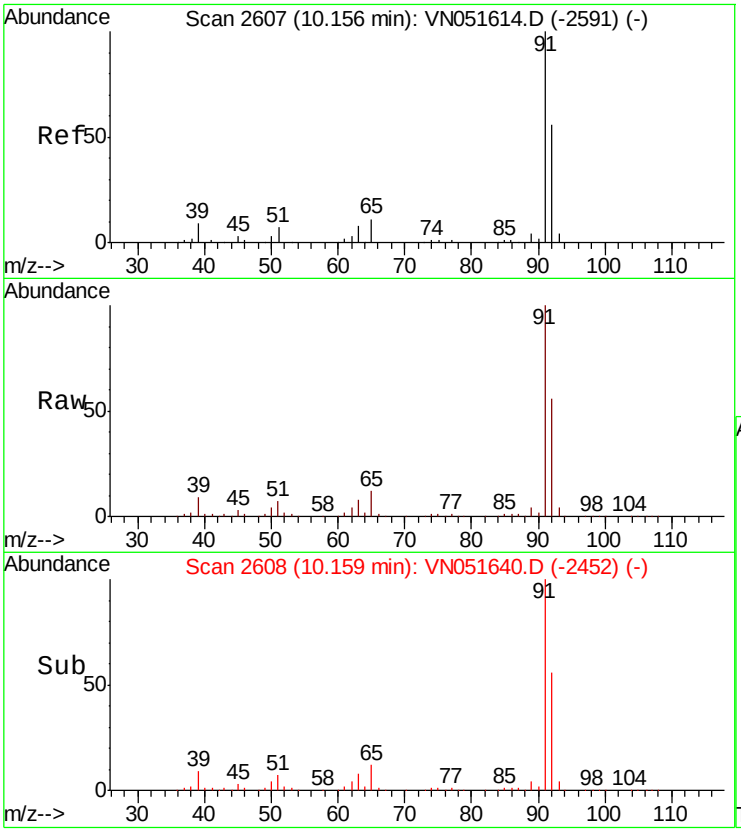


#60
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN051640.D
Acq: 1 Oct 2018 16:07

Tgt Ion: 95 Resp: 143210

Ion	Ratio	Lower	Upper
95	100		
174	90.0	71.2	106.8
176	87.1	67.8	101.8



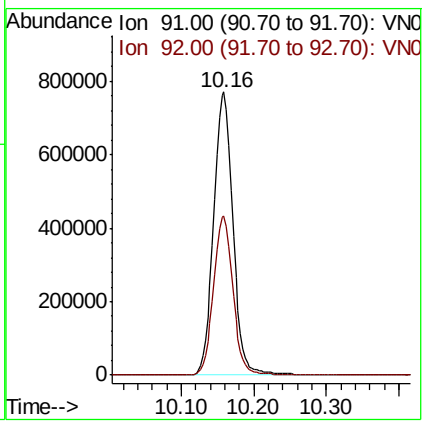


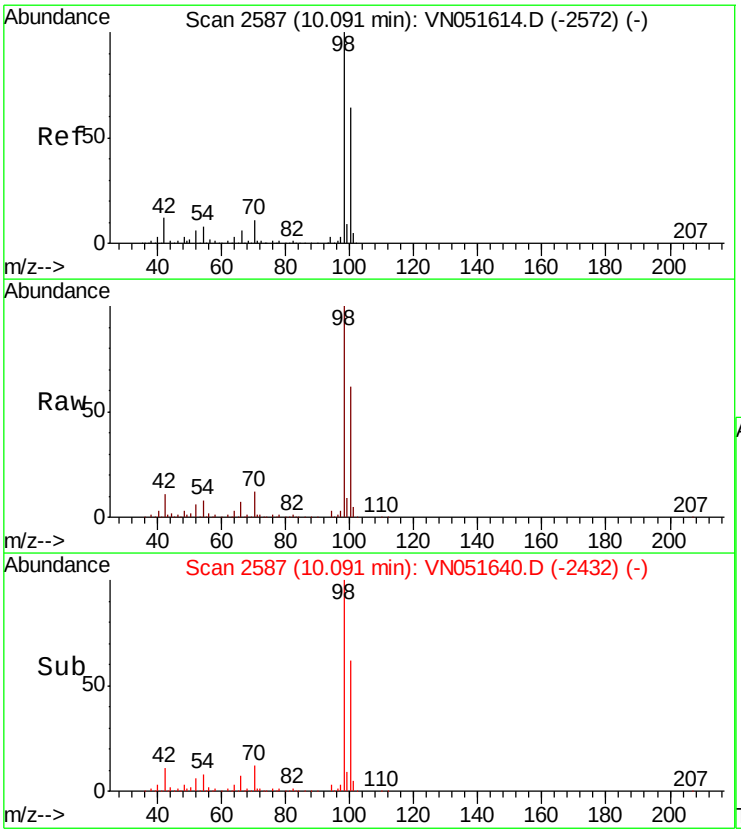
#62
Toluene
Concen: 56.009 ug/l
RT: 10.16 min Scan# 2608
Delta R.T. 0.00 min
Lab File: VN051640.D
Acq: 1 Oct 2018 16:07

Instrument :
MSVOA_N
ClientSampleId :
002M-35TH-AVE(AUG)DL

Tgt Ion: 91 Resp: 1424688

Ion	Ratio	Lower	Upper
91	100		
92	56.6	45.3	67.9

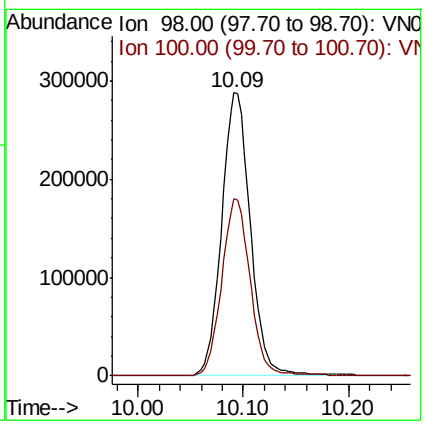


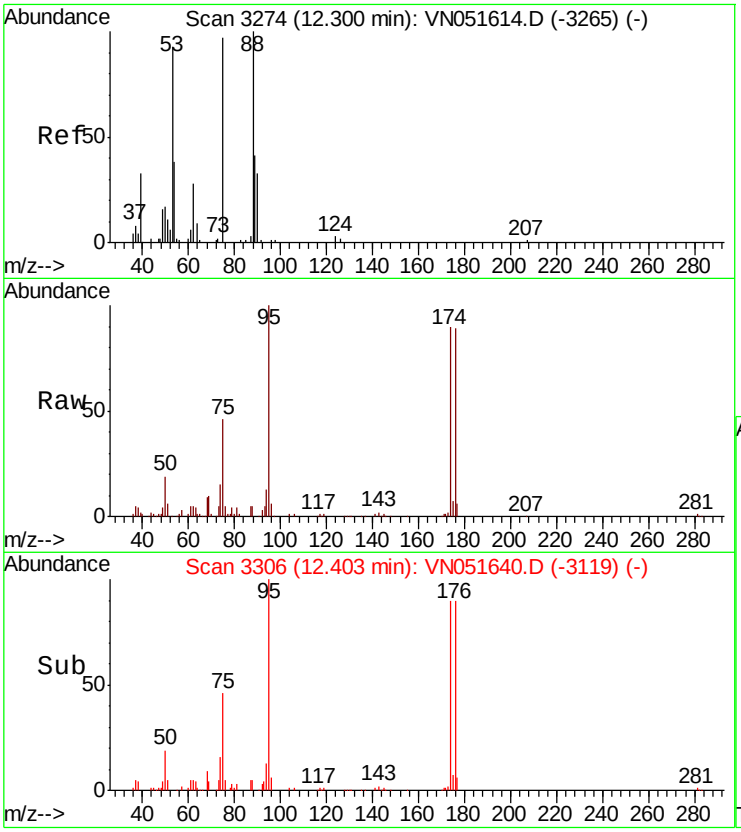


#63
Toluene-d8
Concen: 56.009 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN051640.D
Acq: 1 Oct 2018 16:07

Tgt Ion: 98 Resp: 542157

Ion	Ratio	Lower	Upper
98	100		
100	62.4	51.4	77.0



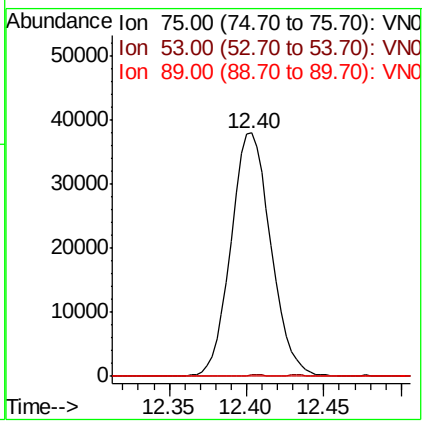


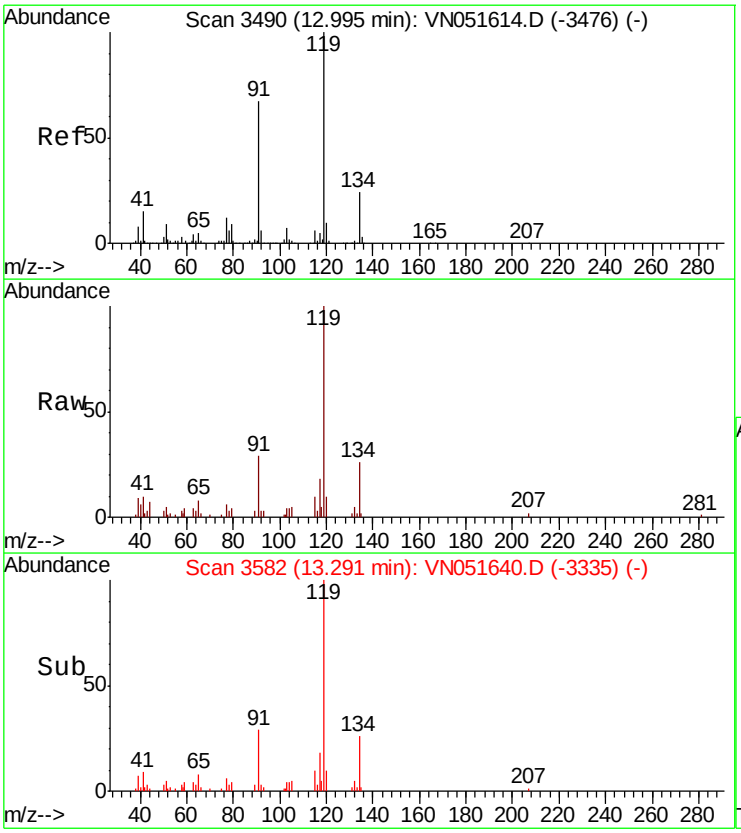
#77
t-1,4-Dichloro-2-butene
Concen: 40.652 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.10 min
Lab File: VN051640.D
Acq: 1 Oct 2018 16:07

Instrument :
MSVOA_N
ClientSampleId :
002M-35TH-AVE(AUG)DL

Tgt Ion: 75 Resp: 68041

Ion	Ratio	Lower	Upper
75	100		
53	0.5	48.1	144.4#
89	0.0	22.4	67.3#

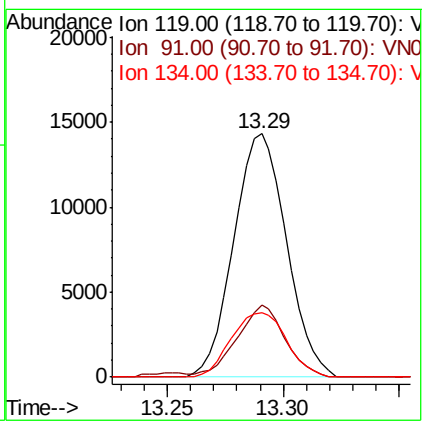


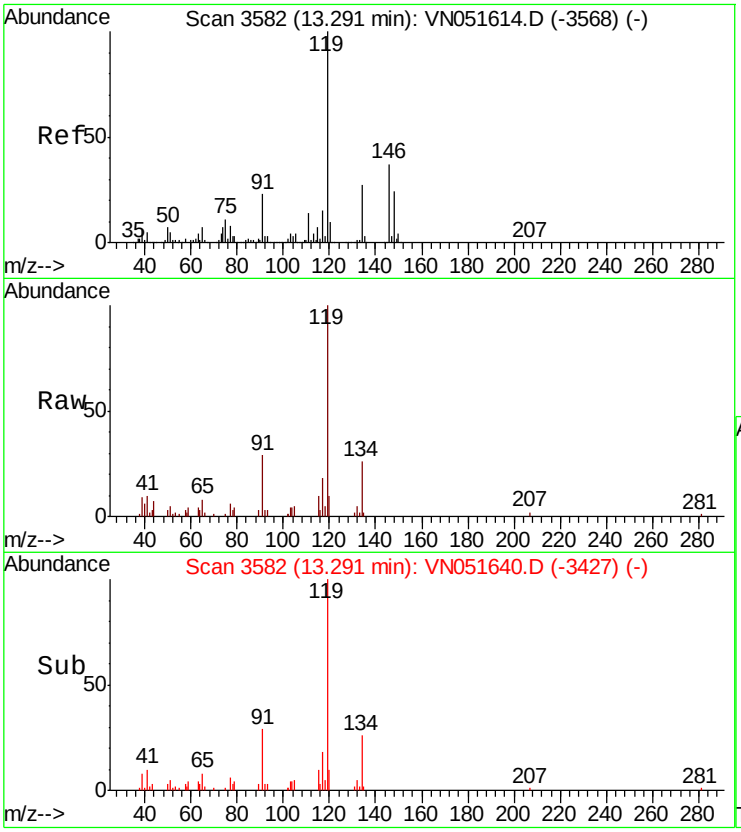


#79
tert-butylbenzene
Concen: 1.221 ug/l
RT: 13.29 min Scan# 3582
Delta R.T. 0.30 min
Lab File: VN051640.D
Acq: 1 Oct 2018 16:07

Tgt Ion:119 Resp: 22588

Ion	Ratio	Lower	Upper
119	100		
91	27.1	0.0	132.4
134	27.8	0.0	48.4



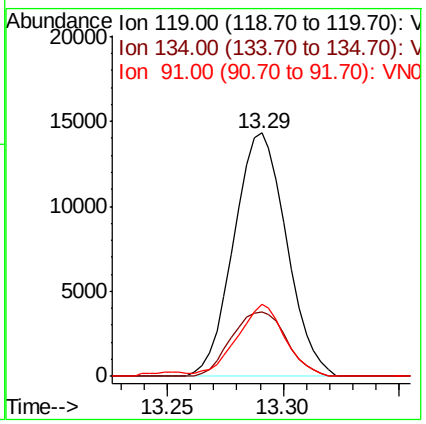


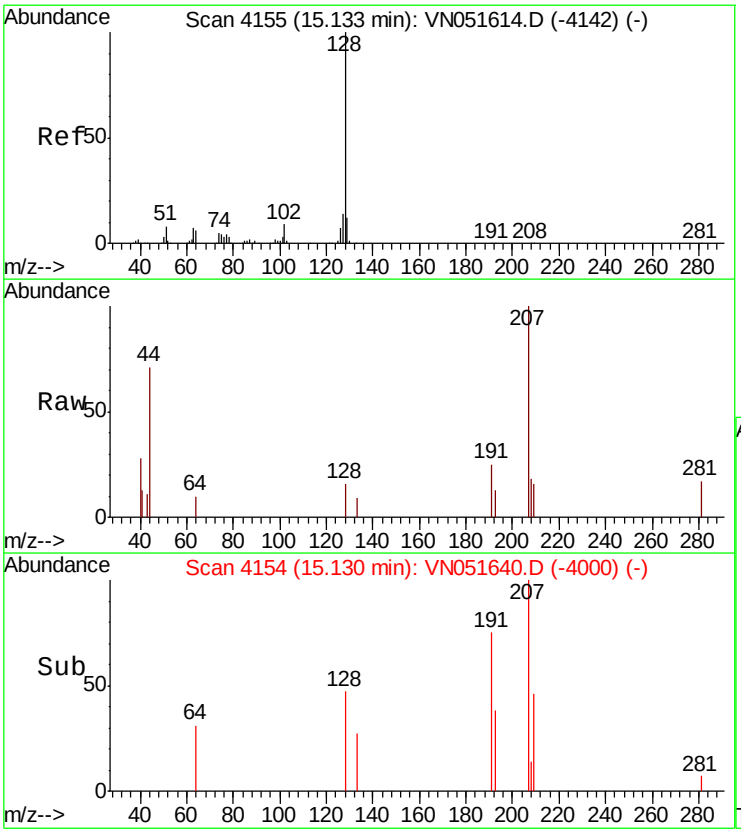
#82
p-Isopropyltoluene
Concen: 1.034 ug/l
RT: 13.29 min Scan# 3582
Delta R.T. -0.00 min
Lab File: VN051640.D
Acq: 1 Oct 2018 16:07

Instrument :
MSVOA_N
ClientSampleId :
002M-35TH-AVE(AUG)DL

Tgt Ion:119 Resp: 22588

Ion	Ratio	Lower	Upper
119	100		
134	27.8	0.0	52.0
91	27.1	0.0	46.0





#91
Naphthalene
Concen: 8.282 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. -0.00 min
Lab File: VN051640.D
Acq: 1 Oct 2018 16:07

Tgt Ion:128 Resp: 133

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.8	16.2#
129	0.0	9.1	13.7#