Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN020519\
Data File : VN053620.D
Acq On : 5 Feb 2019 15:23
Operator : JC/SP
Sample : K1341-06
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : HR-05-020419-C

Quant Time: Feb 06 04:40:32 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	825643	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1326218	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1225174	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	566022	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	424378	51.24	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.48%			
35) Dibromofluoromethane	7.59	113	414126	49.42	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.84%			
50) Toluene-d8	10.09	98	1603441	50.96	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.92%			
62) 4-Bromofluorobenzene	12.40	95	558188	53.19	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.38%			
Target Compounds						Qvalue
16) Acetone	3.82	43	63234	29.763	ug/l	99
20) Methylene Chloride	4.55	84	607369	68.141	ug/l	98
25) 2-Butanone	6.85	43	5699	1.881	ug/l	91
43) Isopropyl Acetate	8.17	43	36937	2.865	ug/l #	78
68) m/p-Xylenes	11.62	106	35240	2.160	ug/l	99
69) o-Xylene	11.95	106	37154	2.357	ug/l	96
78) n-propylbenzene	12.59	91	61584	1.339	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	157067	4.760	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	738374	21.964	ug/l	99
85) sec-Butylbenzene	13.17	105	42716	1.076	ug/l	86
86) p-Isopropyltoluene	13.29	119	48419	1.395	ug/l	96
89) n-Butylbenzene	13.62	91	42546	1.416	ug/l #	75
95) Naphthalene	15.13	128	489995	20.759	ug/l	100

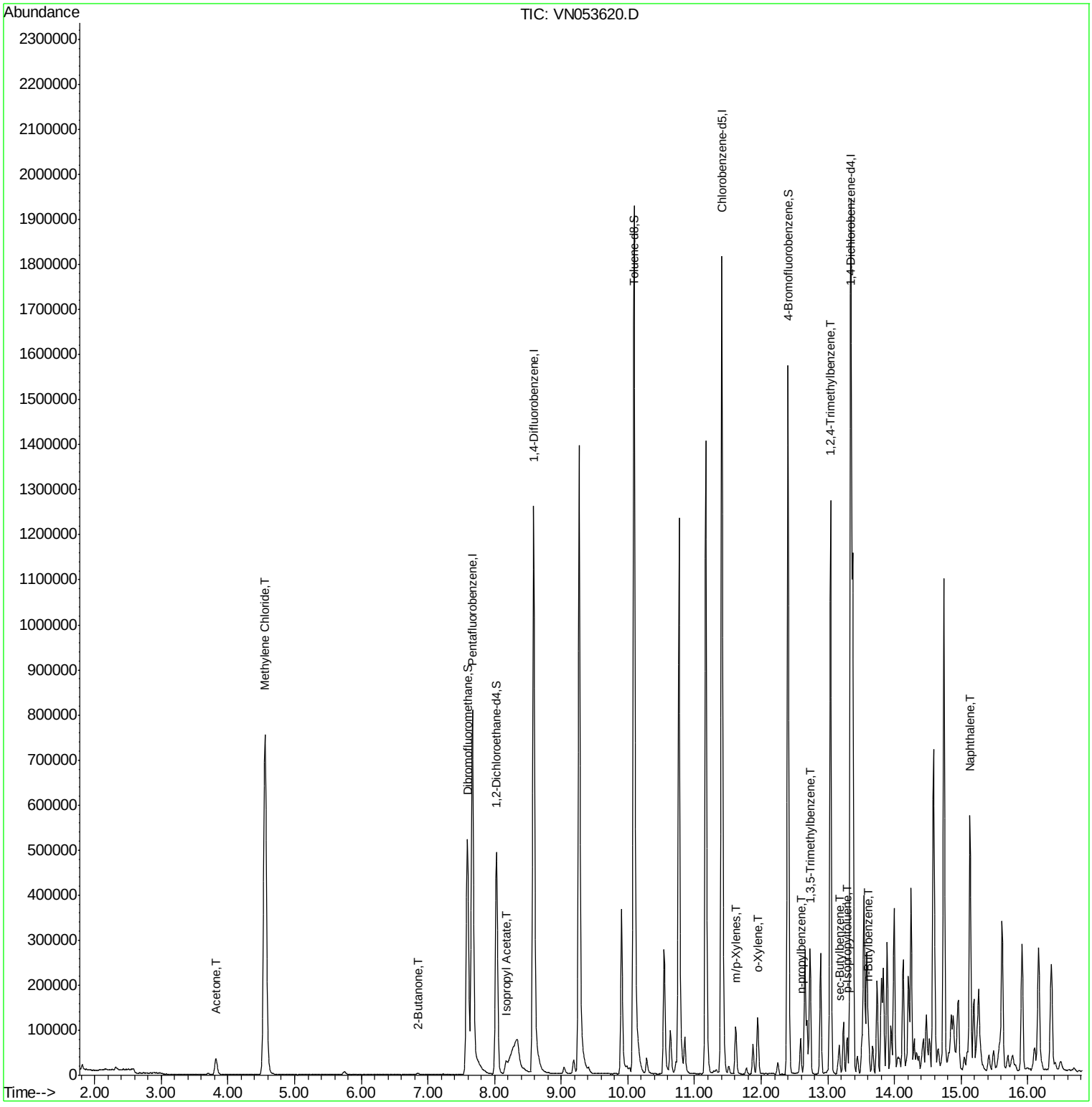
(#) = qualifier out of range (m) = manual integration (+) = signals summed

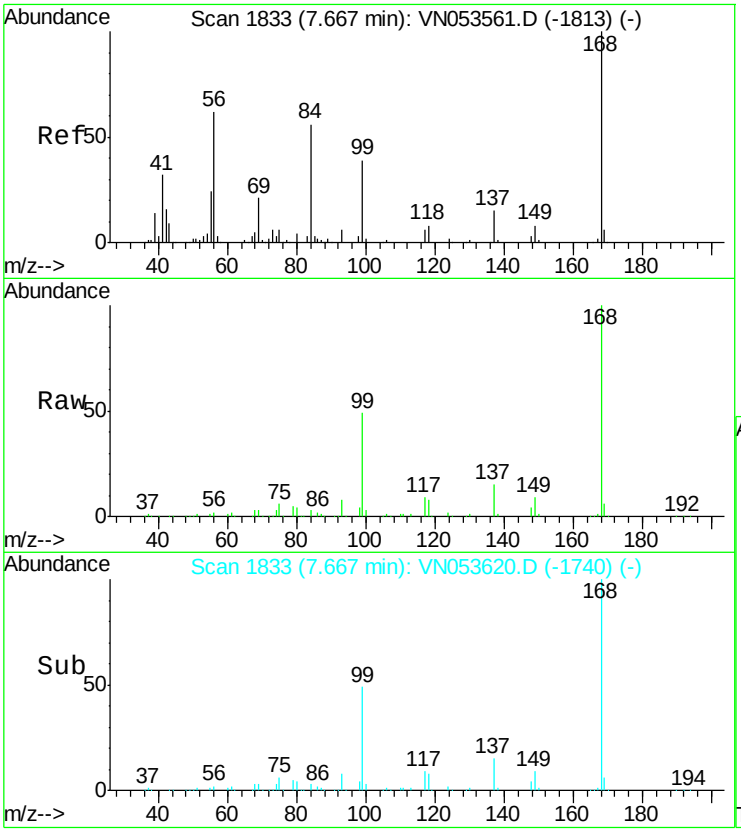
Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN020519\
Data File : VN053620.D
Acq On : 5 Feb 2019 15:23
Operator : JC/SP
Sample : K1341-06
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : HR-05-020419-C

Quant Time: Feb 06 04:40:32 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



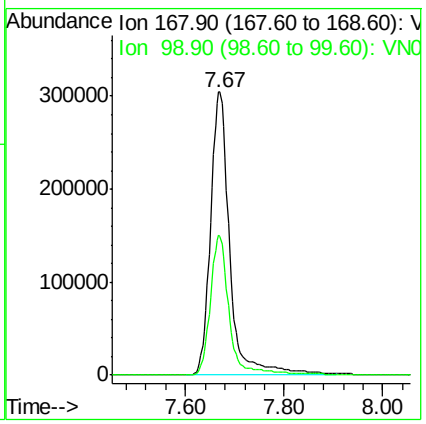


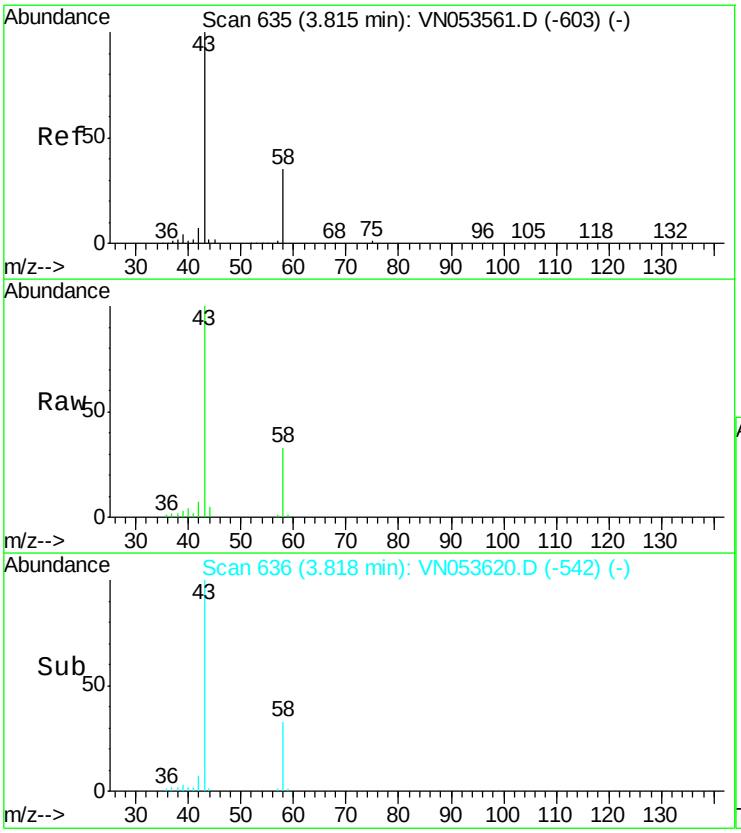
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VN053620.D
Acq: 5 Feb 2019 15:23

Instrument :
MSVOA_N
ClientSampleId :
HR-05-020419-C

Tgt Ion:168 Resp: 825643

Ion	Ratio	Lower	Upper
168	100		
99	49.4	39.1	58.7

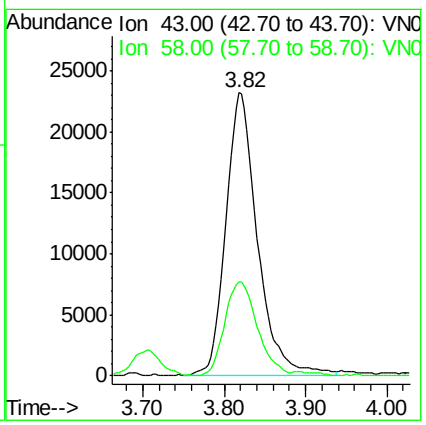


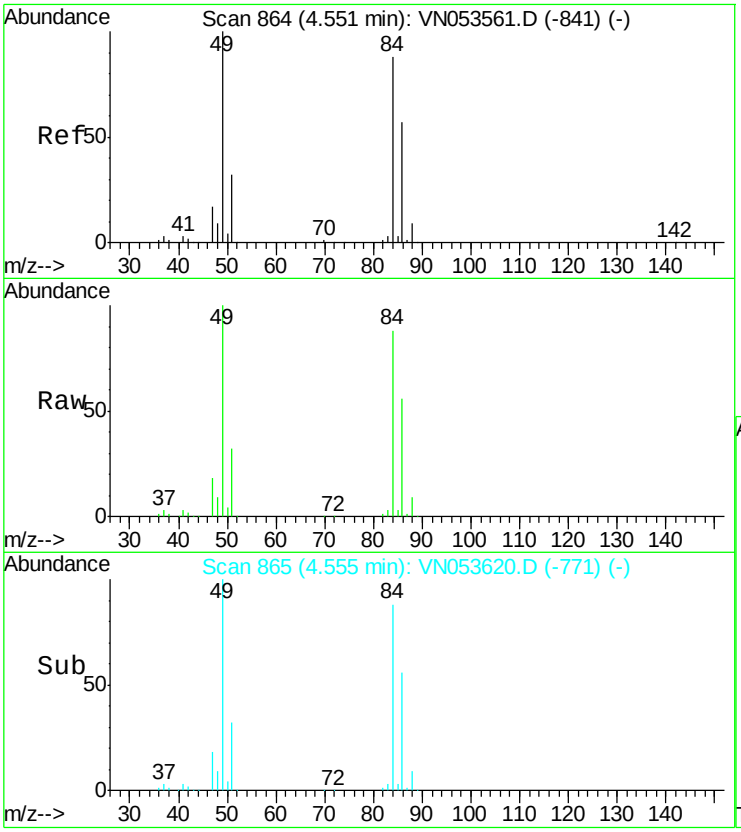


#16
Acetone
Concen: 29.763 ug/l
RT: 3.82 min Scan# 636
Delta R.T. 0.00 min
Lab File: VN053620.D
Acq: 5 Feb 2019 15:23

Tgt Ion: 43 Resp: 63234

Ion	Ratio	Lower	Upper
43	100		
58	33.4	27.1	40.7



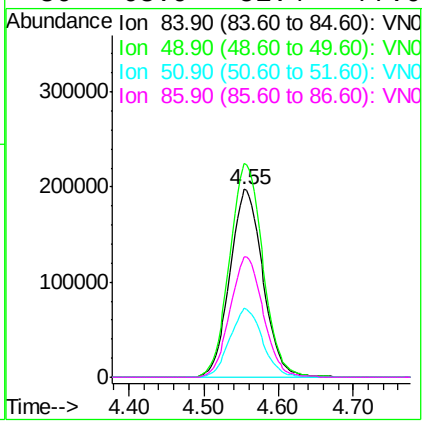


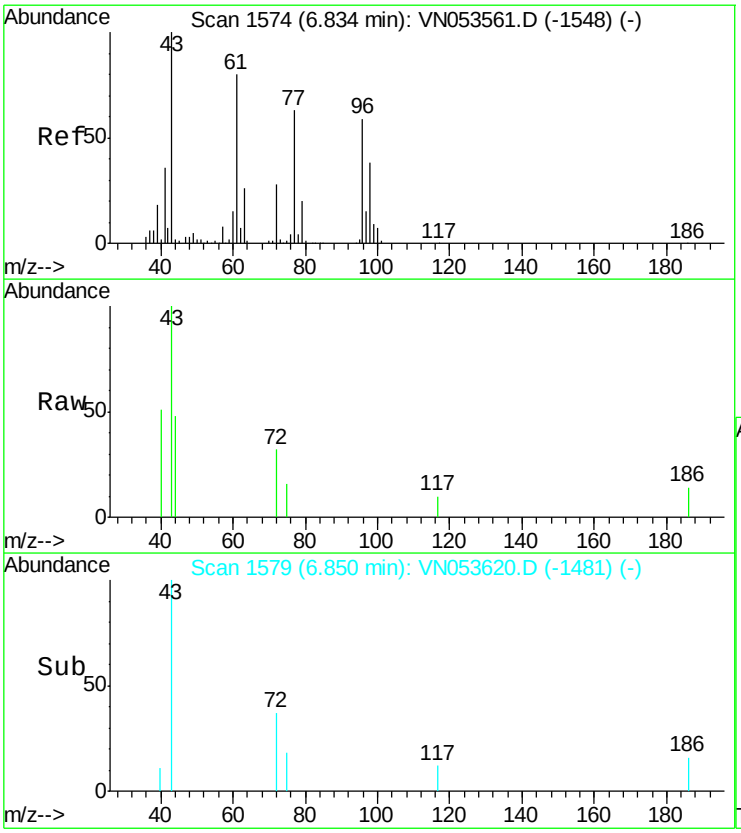
#20
Methylene Chloride
Concen: 68.141 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN053620.D
Acq: 5 Feb 2019 15:23

Instrument : MSVOA_N
ClientSampleId : HR-05-020419-C

Tgt Ion: 84 Resp: 607369

Ion	Ratio	Lower	Upper
84	100		
49	113.7	94.3	141.5
51	36.7	29.4	44.2
86	63.9	51.4	77.0

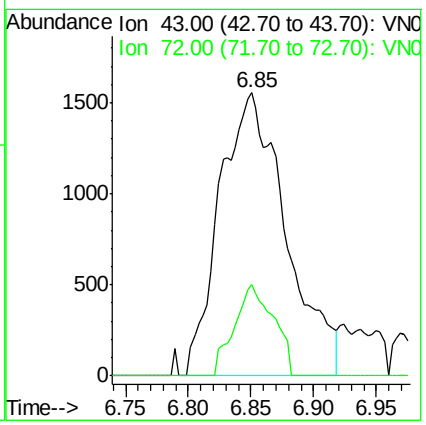


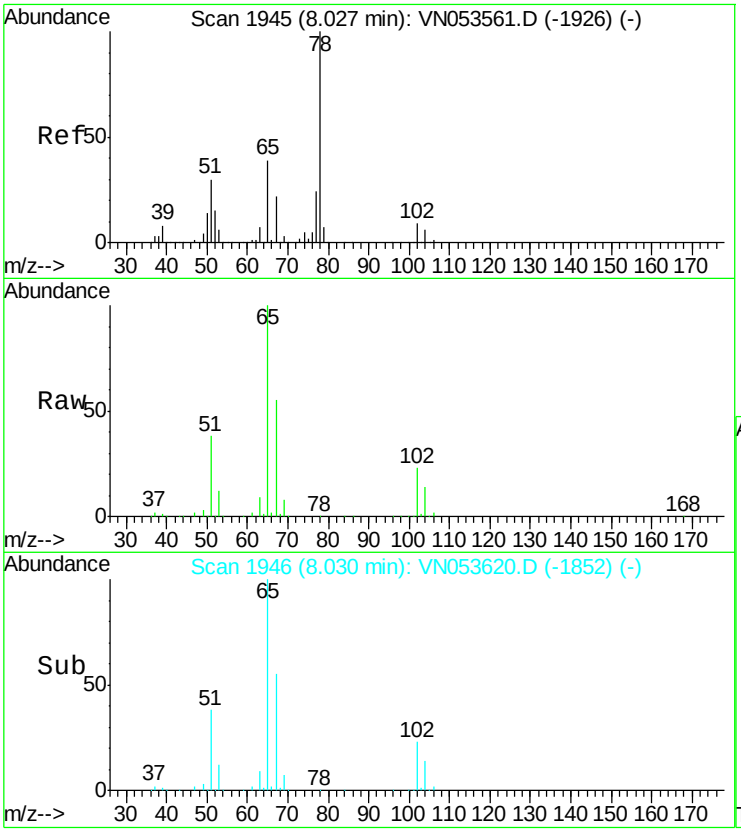


#25
2-Butanone
Concen: 1.881 ug/l
RT: 6.85 min Scan# 1579
Delta R.T. 0.02 min
Lab File: VN053620.D
Acq: 5 Feb 2019 15:23

Tgt Ion: 43 Resp: 5699

Ion	Ratio	Lower	Upper
43	100		
72	32.4	22.0	33.0



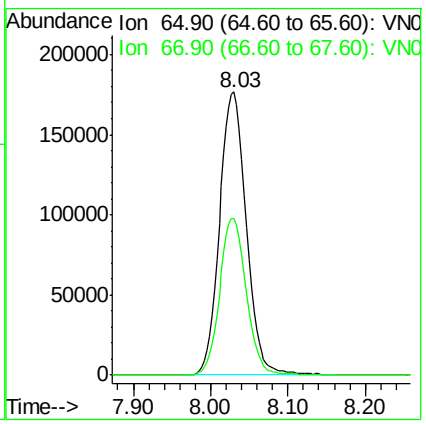


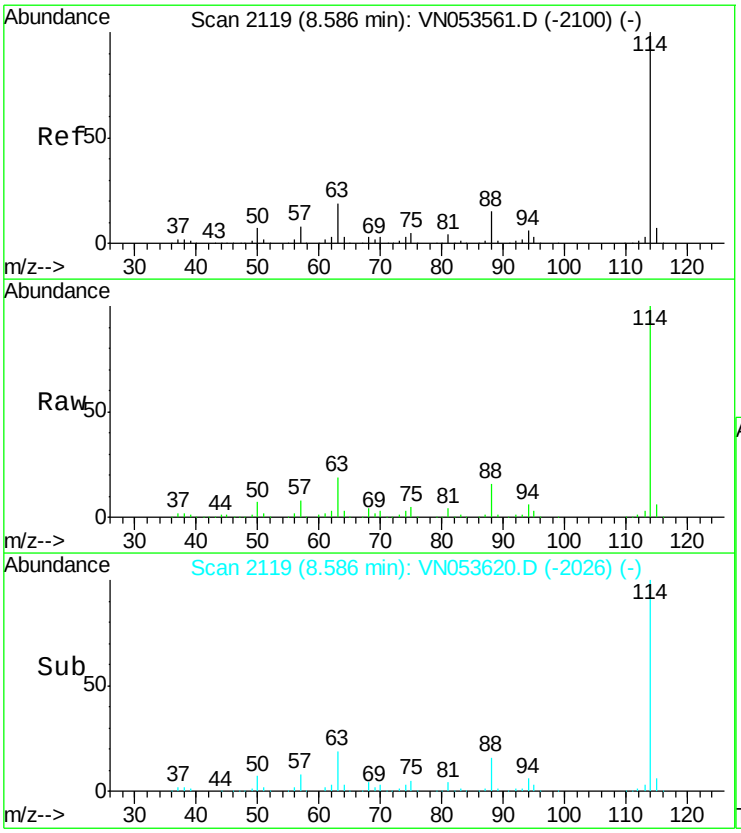
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN053620.D
Acq: 5 Feb 2019 15:23

Instrument :
MSVOA_N
ClientSampleId :
HR-05-020419-C

Tgt Ion: 65 Resp: 424378

Ion	Ratio	Lower	Upper
65	100		
67	55.0	0.0	111.2

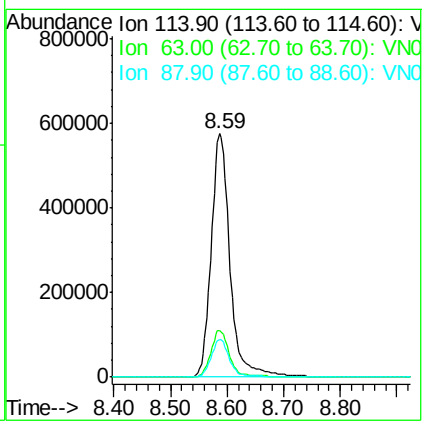


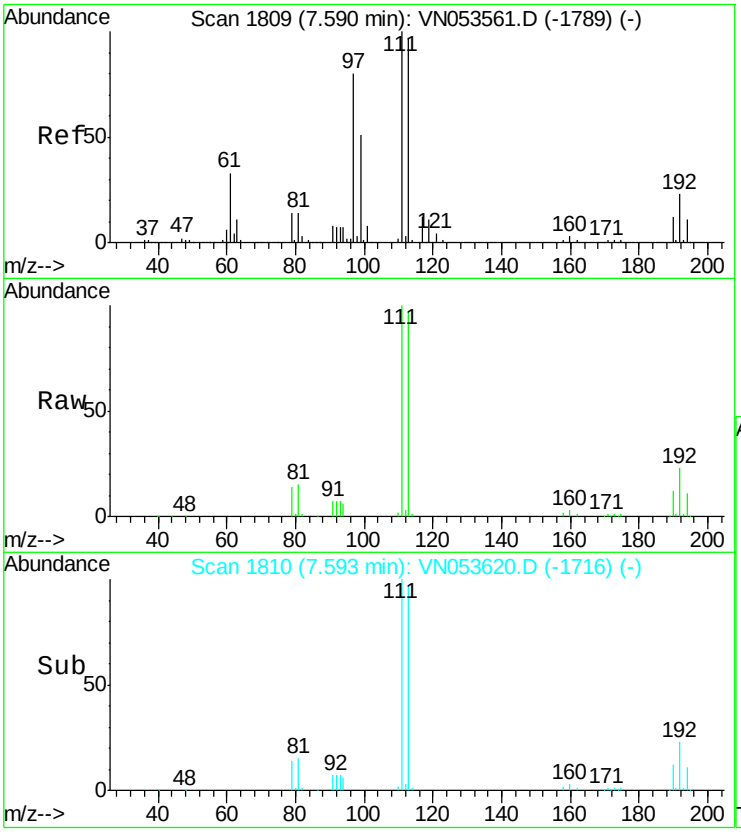


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN053620.D
Acq: 5 Feb 2019 15:23

Tgt Ion:114 Resp: 1326218

Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	38.6
88	15.5	0.0	30.4



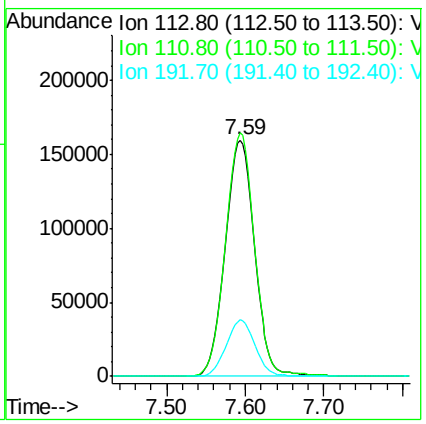


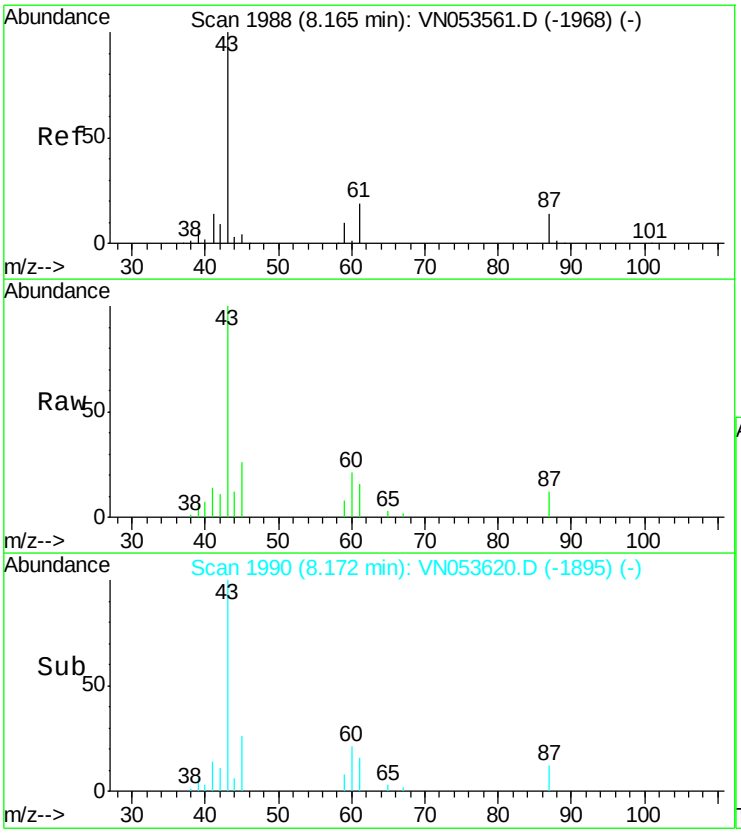
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN053620.D
Acq: 5 Feb 2019 15:23

Instrument :
MSVOA_N
ClientSampleId :
HR-05-020419-C

Tgt Ion:113 Resp: 414126

Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.1	121.7
192	23.6	18.2	27.2

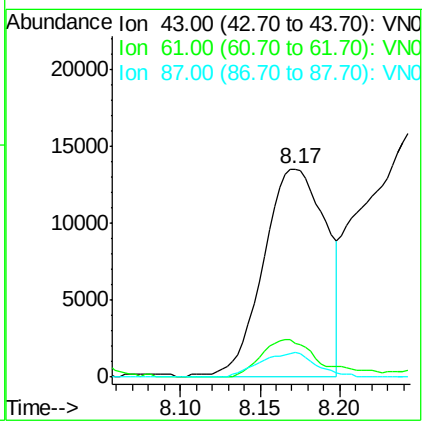


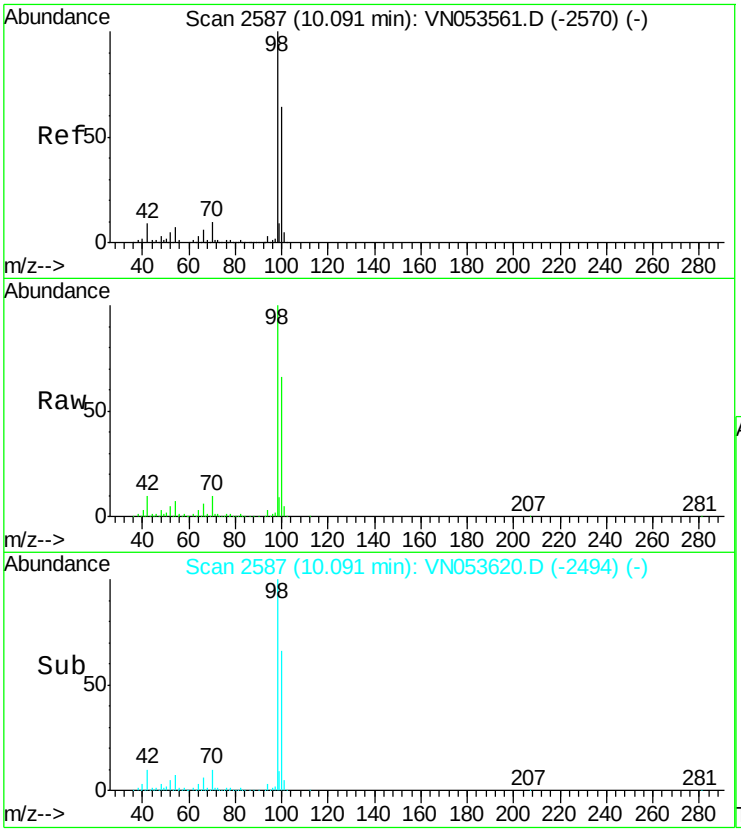


#43
Isopropyl Acetate
Concen: 2.865 ug/l
RT: 8.17 min Scan# 1990
Delta R.T. 0.01 min
Lab File: VN053620.D
Acq: 5 Feb 2019 15:23

Tgt Ion: 43 Resp: 36937

Ion	Ratio	Lower	Upper
43	100		
61	14.5	23.9	35.9#
87	10.4	11.0	16.6#



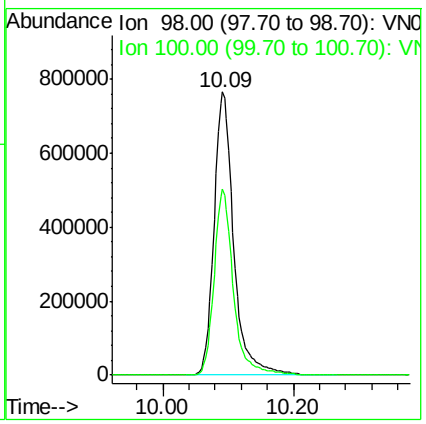


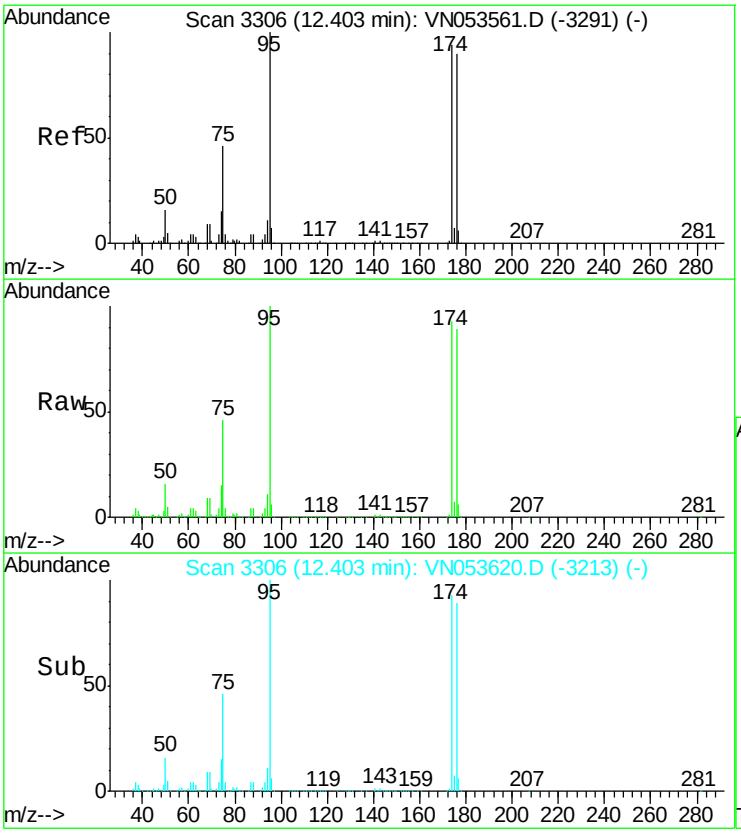
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN053620.D
Acq: 5 Feb 2019 15:23

Instrument : MSVOA_N
ClientSampleId : HR-05-020419-C

Tgt Ion: 98 Resp: 1603441

Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.4	77.0

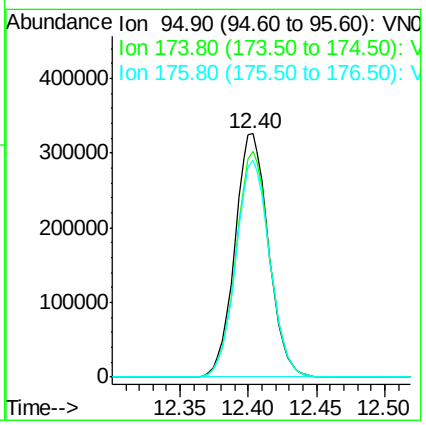


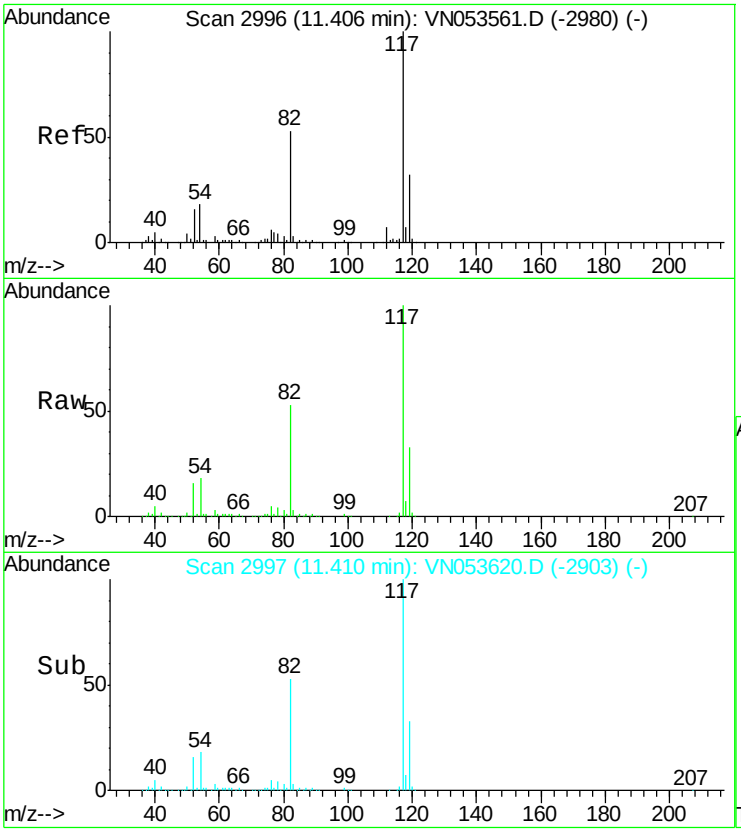


#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN053620.D
Acq: 5 Feb 2019 15:23

Tgt Ion: 95 Resp: 558188

Ion	Ratio	Lower	Upper
95	100		
174	92.7	0.0	183.2
176	89.8	0.0	177.4



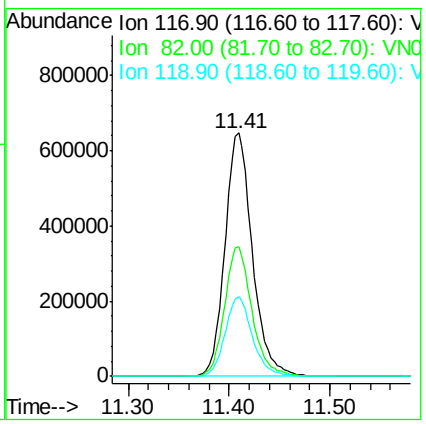


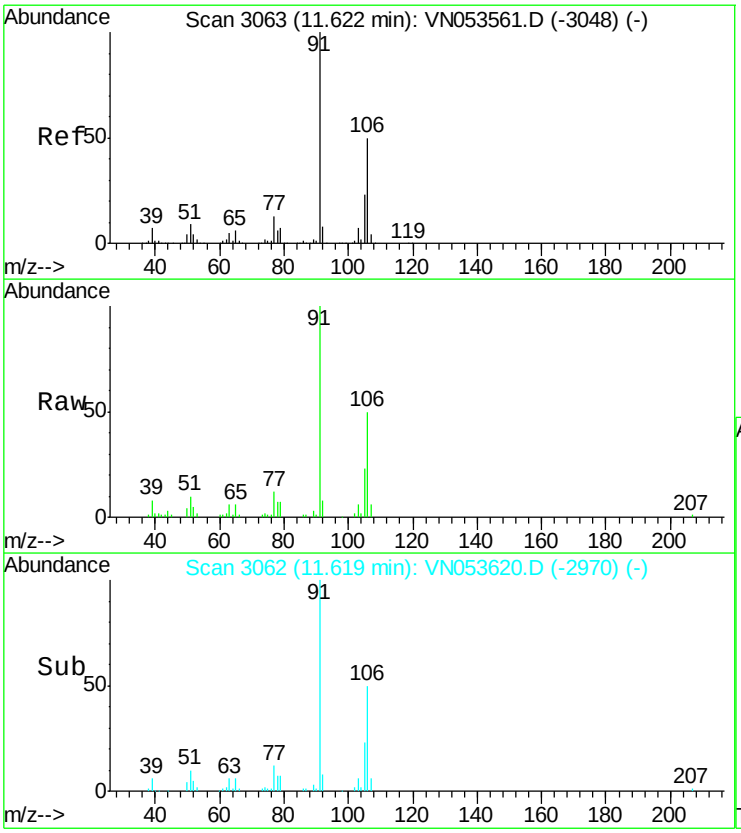
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN053620.D
Acq: 5 Feb 2019 15:23

Instrument : MSVOA_N
ClientSampleId : HR-05-020419-C

Tgt Ion:117 Resp: 1225174

Ion	Ratio	Lower	Upper
117	100		
82	53.1	42.9	64.3
119	32.7	26.0	39.0

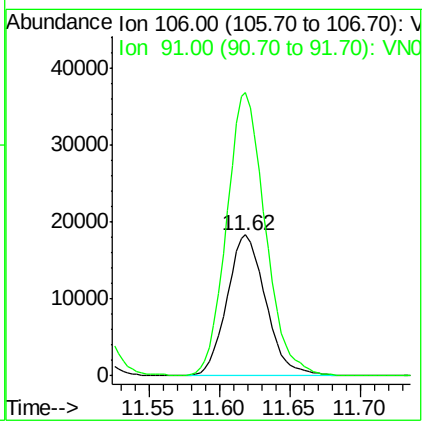


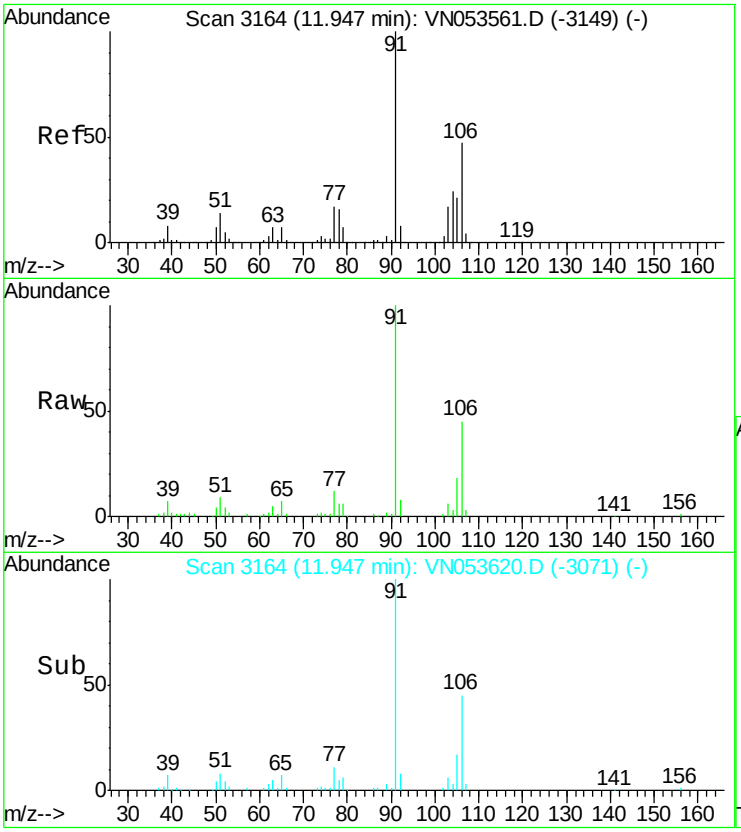


#68
m/p-Xylenes
Concen: 2.160 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN053620.D
Acq: 5 Feb 2019 15:23

Tgt Ion:106 Resp: 35240

Ion	Ratio	Lower	Upper
106	100		
91	200.1	161.4	242.2



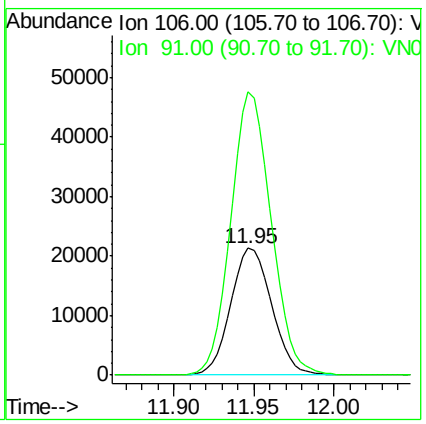


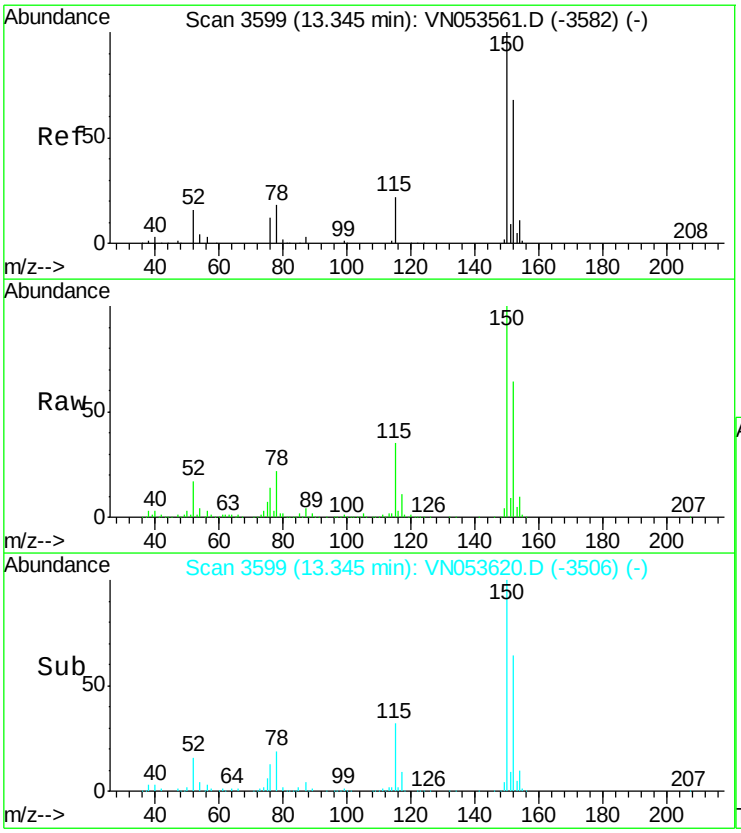
#69
o-Xylene
Concen: 2.357 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN053620.D
Acq: 5 Feb 2019 15:23

Instrument :
MSVOA_N
ClientSampleId :
HR-05-020419-C

Tgt Ion:106 Resp: 37154

Ion	Ratio	Lower	Upper
106	100		
91	220.0	106.9	320.8

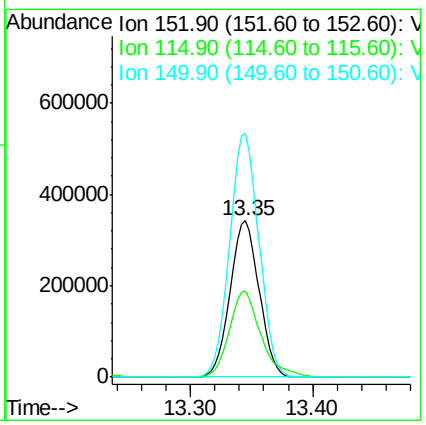


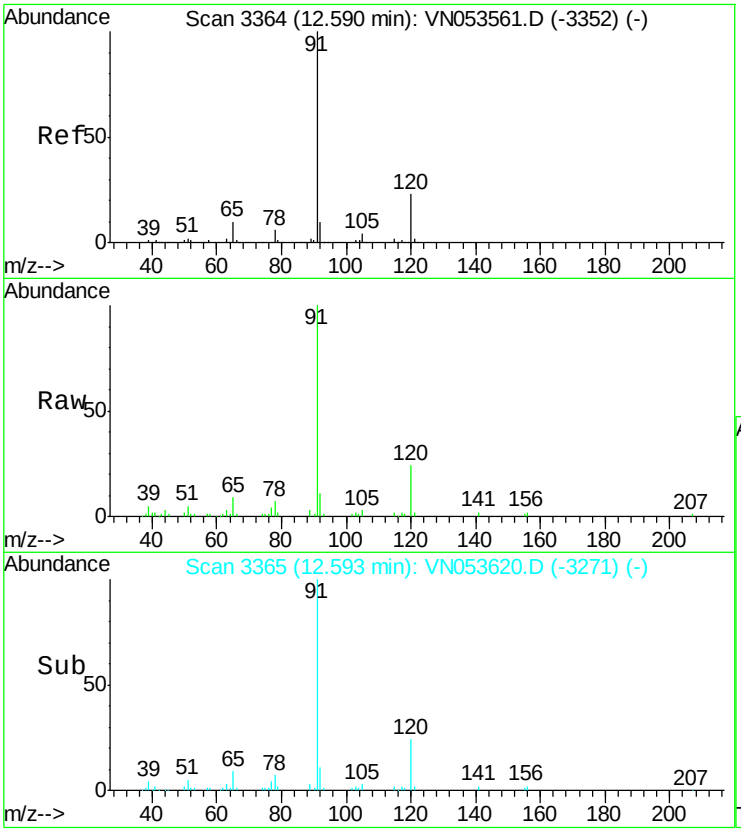


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053620.D
Acq: 5 Feb 2019 15:23

Tgt Ion:152 Resp: 566022

Ion	Ratio	Lower	Upper
152	100		
115	59.7	27.8	83.4
150	157.7	0.0	349.0



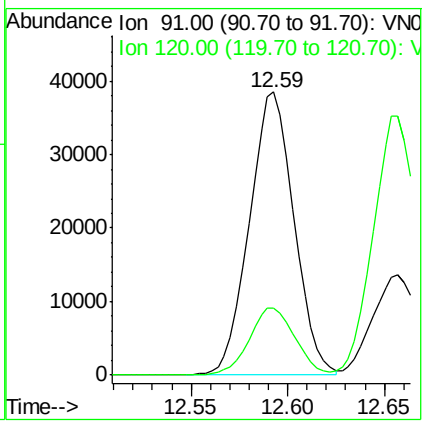


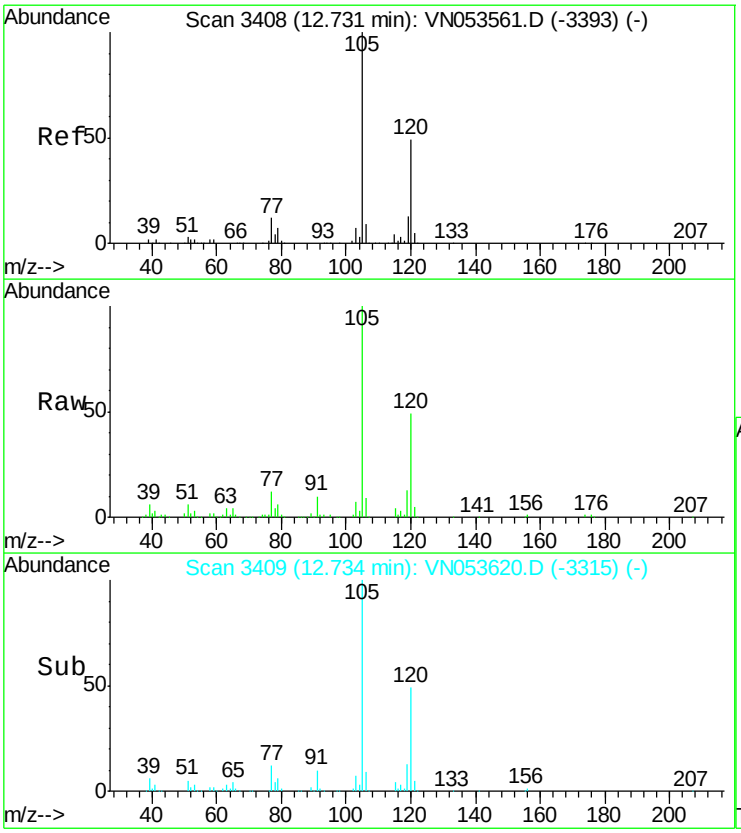
#78
n-propylbenzene
Concen: 1.339 ug/l
RT: 12.59 min Scan# 3365
Delta R.T. 0.00 min
Lab File: VN053620.D
Acq: 5 Feb 2019 15:23

Instrument :
MSVOA_N
ClientSampleId :
HR-05-020419-C

Tgt Ion: 91 Resp: 61584

Ion	Ratio	Lower	Upper
91	100		
120	24.4	11.9	35.5

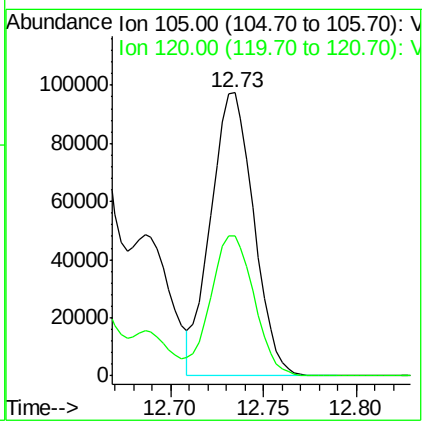


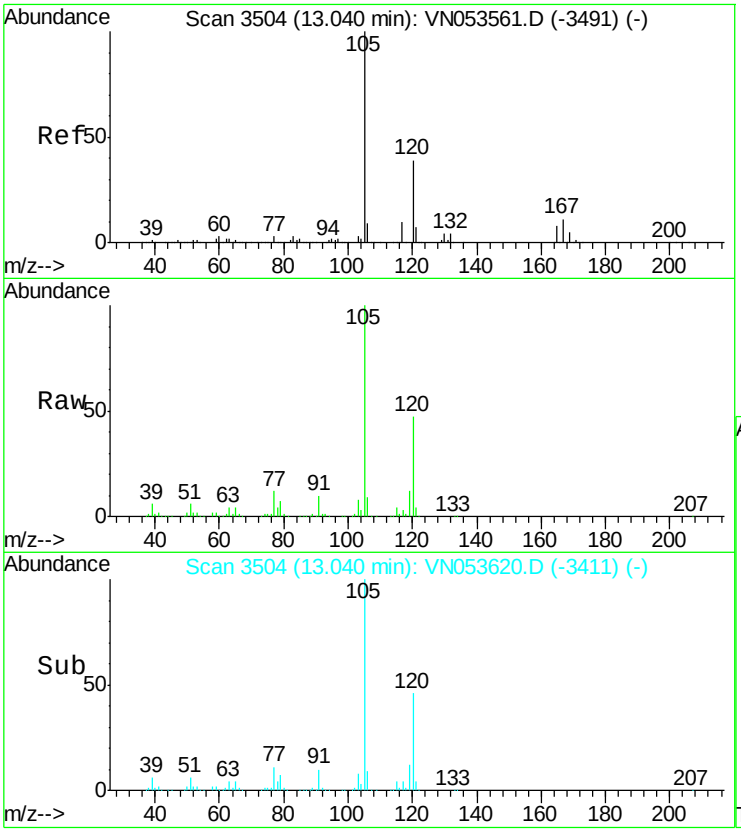


#80
1,3,5-Trimethylbenzene
Concen: 4.760 ug/l
RT: 12.73 min Scan# 3409
Delta R.T. 0.00 min
Lab File: VN053620.D
Acq: 5 Feb 2019 15:23

Tgt Ion:105 Resp: 157067

Ion	Ratio	Lower	Upper
105	100		
120	50.6	24.9	74.6



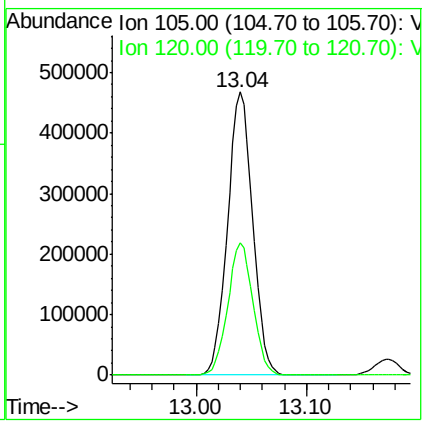


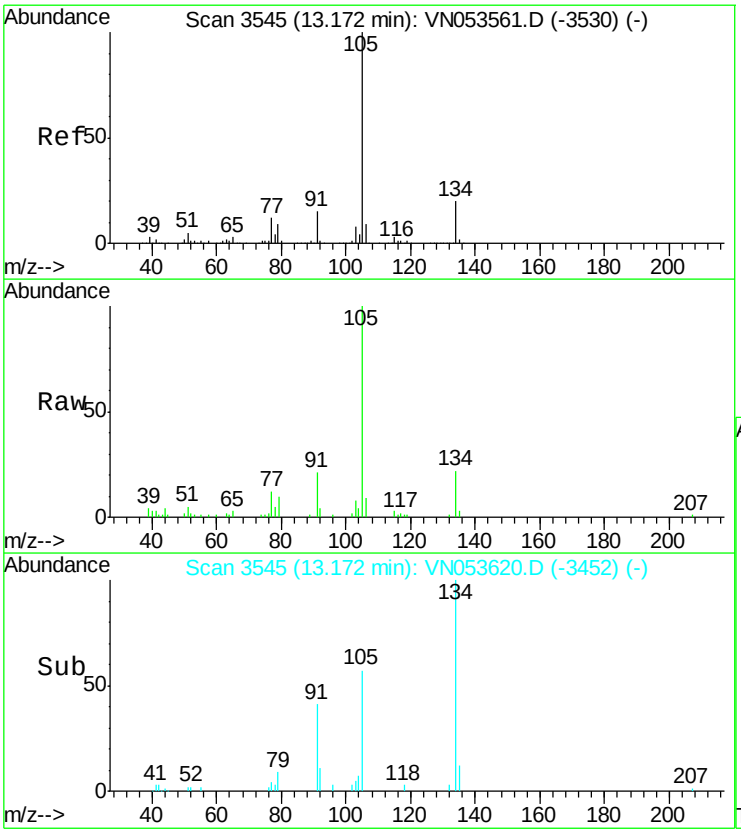
#84
1,2,4-Trimethylbenzene
Concen: 21.964 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN053620.D
Acq: 5 Feb 2019 15:23

Instrument :
MSVOA_N
ClientSampleId :
HR-05-020419-C

Tgt Ion:105 Resp: 738374

Ion	Ratio	Lower	Upper
105	100		
120	46.7	23.0	69.0

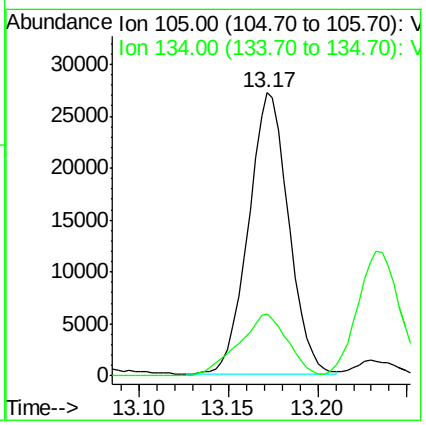


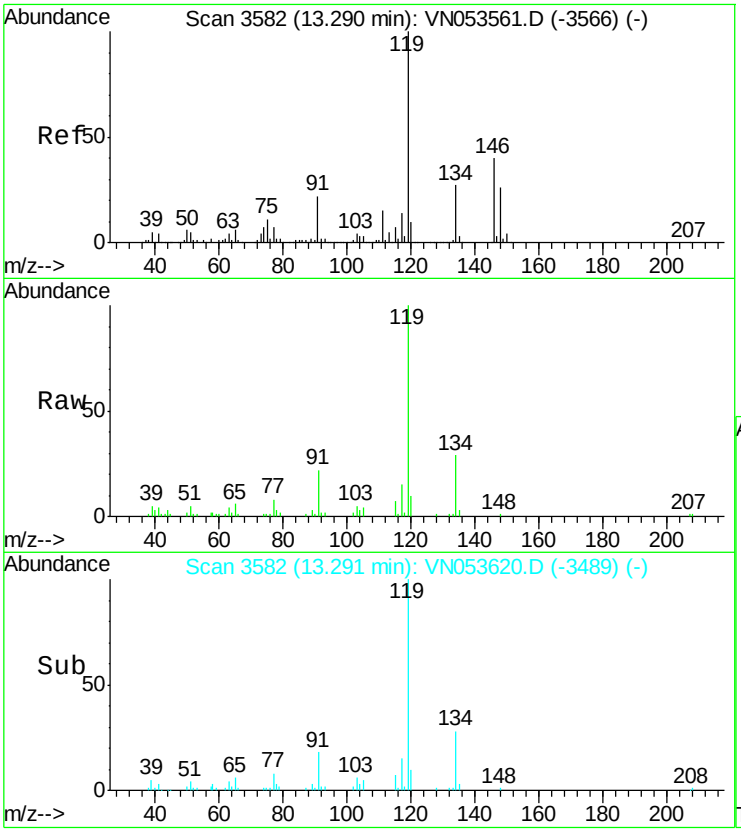


#85
sec-Butylbenzene
Concen: 1.076 ug/l
RT: 13.17 min Scan# 3545
Delta R.T. 0.00 min
Lab File: VN053620.D
Acq: 5 Feb 2019 15:23

Tgt Ion:105 Resp: 42716

Ion	Ratio	Lower	Upper
105	100		
134	26.9	10.2	30.6



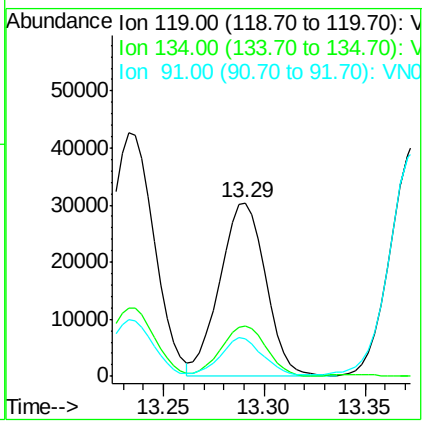


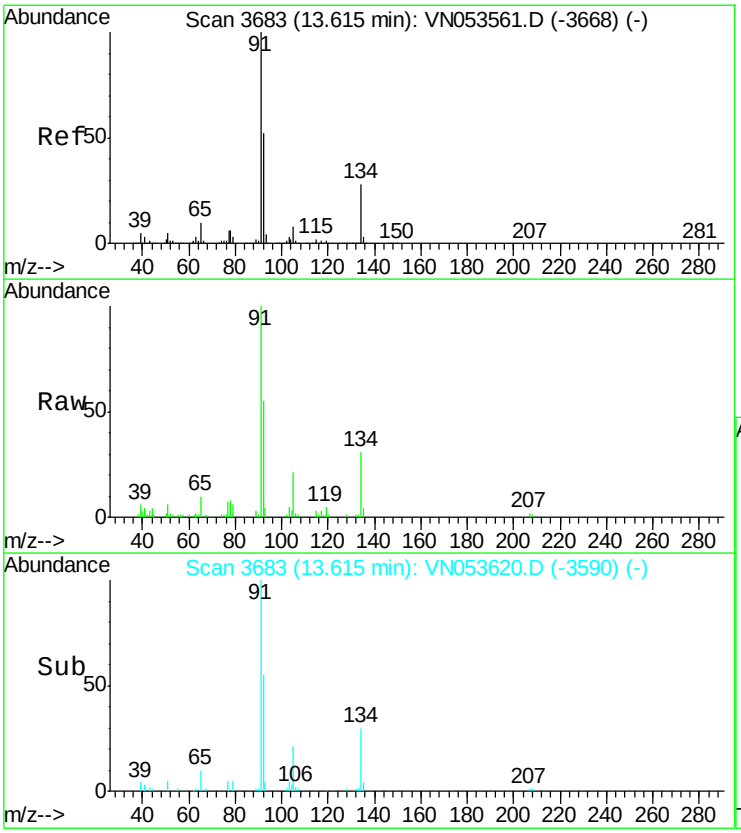
#86
p-Isopropyltoluene
Concen: 1.395 ug/l
RT: 13.29 min Scan# 3582
Delta R.T. 0.00 min
Lab File: VN053620.D
Acq: 5 Feb 2019 15:23

Instrument : MSVOA_N
ClientSampleId : HR-05-020419-C

Tgt Ion:119 Resp: 48419

Ion	Ratio	Lower	Upper
119	100		
134	28.6	13.5	40.4
91	19.6	11.0	33.0

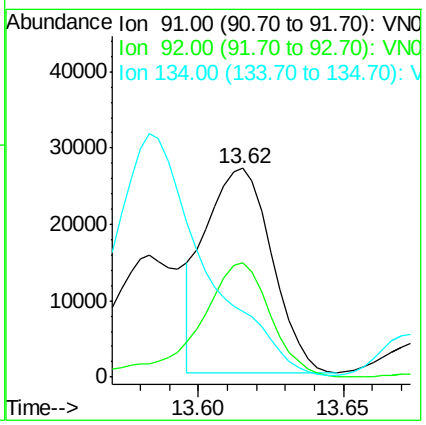


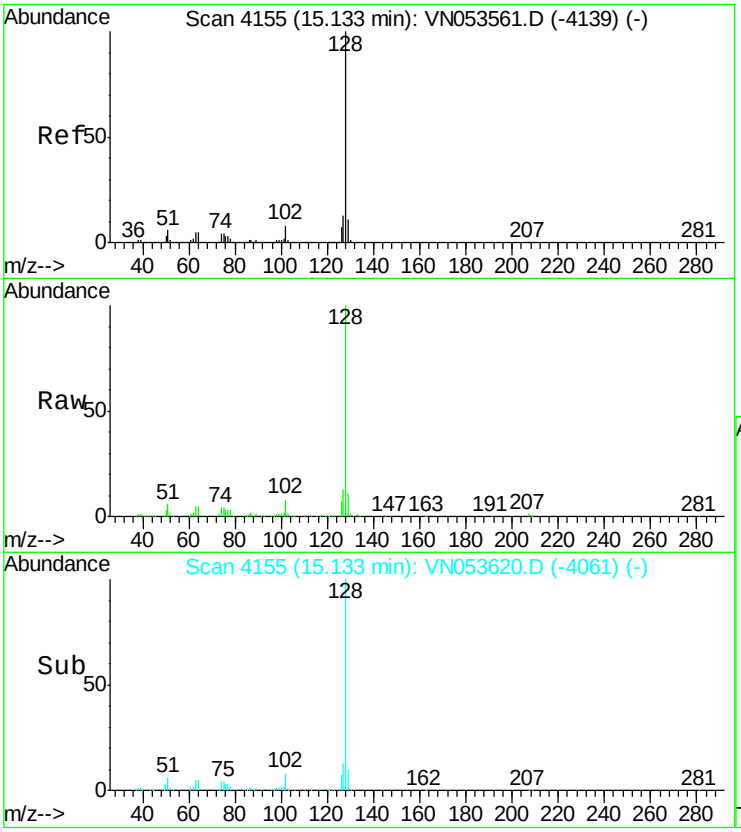


#89
n-Butylbenzene
Concen: 1.416 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN053620.D
Acq: 5 Feb 2019 15:23

Tgt Ion: 91 Resp: 42546

Ion	Ratio	Lower	Upper
91	100		
92	60.1	26.3	78.8
134	0.0	13.5	40.5#





#95
Naphthalene
Concen: 20.759 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN053620.D
Acq: 5 Feb 2019 15:23

Instrument :
MSVOA_N
ClientSampleId :
HR-05-020419-C

Tgt Ion:128 Resp: 489995

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	10.7	8.6	13.0