Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN020819\
Data File : VN053679.D
Acq On : 8 Feb 2019 14:10
Operator : JC/SP
Sample : K1409-04ME
Misc : 3.94g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : SB-09(13-16)ME

Quant Time: Feb 09 03:13:46 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	7.66	168	759603	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1163997	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1080123	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	544575	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	352655	46.28	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.56%			
35) Dibromofluoromethane	7.59	113	343163	46.66	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.32%			
50) Toluene-d8	10.09	98	1532209	55.48	ug/l	0.00
Spiked Amount 50.000			Recovery = 110.96%			
62) 4-Bromofluorobenzene	12.40	95	532985	57.87	ug/l	0.00
Spiked Amount 50.000			Recovery = 115.74%			
Target Compounds						Qvalue
31) Cyclohexane	7.63	56	1816537	141.266	ug/l #	54
39) Methylcyclohexane	9.08	83	2970591	238.630	ug/l	98
67) Ethyl Benzene	11.51	91	214085	5.680	ug/l	99
68) m/p-Xylenes	11.62	106	125537	8.727	ug/l	97
73) Isopropylbenzene	12.25	105	411854	10.758	ug/l	98
78) n-propylbenzene	12.59	91	2282732	51.581	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	2158096	67.980	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	4290100	132.643	ug/l	99
85) sec-Butylbenzene	13.17	105	427240	11.190	ug/l #	47
86) p-Isopropyltoluene	13.29	119	235531	7.053	ug/l	100
89) n-Butylbenzene	13.62	91	1135702	39.293	ug/l #	76
95) Naphthalene	15.13	128	115155	6.383	ug/l #	83

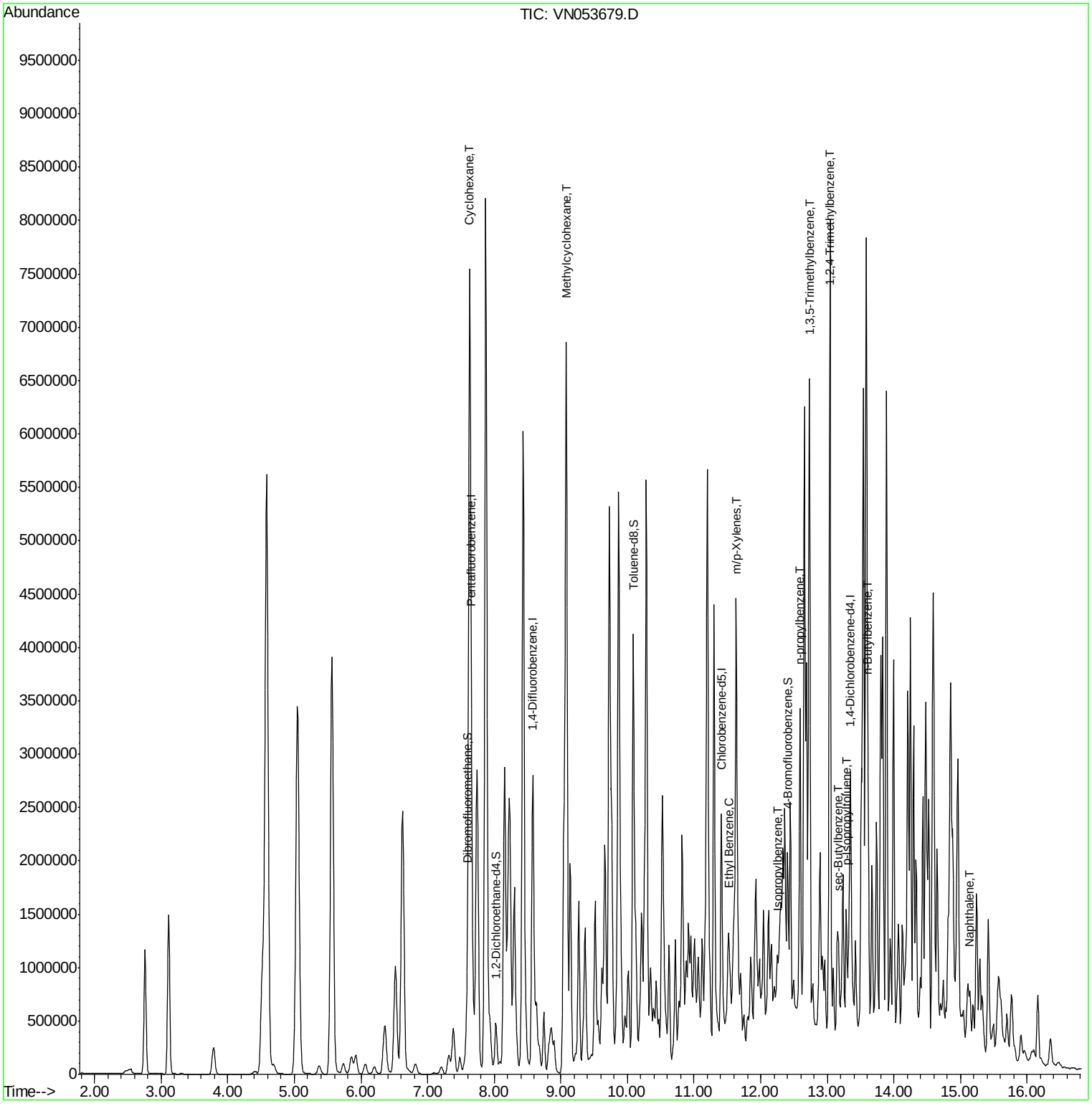
(#) = qualifier out of range (m) = manual integration (+) = signals summed

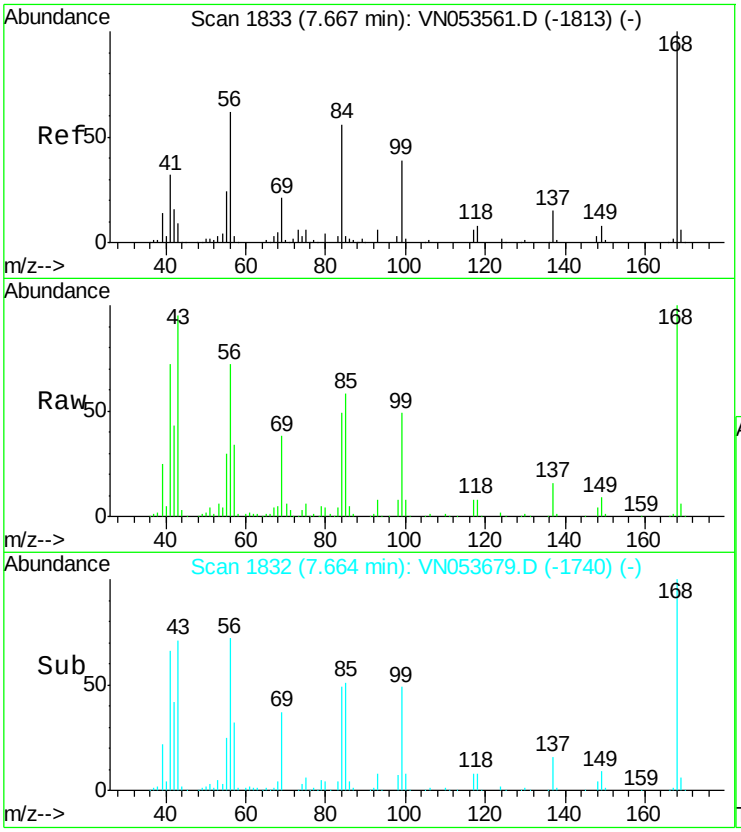
Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN020819\
Data File : VN053679.D
Acq On : 8 Feb 2019 14:10
Operator : JC/SP
Sample : K1409-04ME
Misc : 3.94g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : SB-09(13-16)ME

Quant Time: Feb 09 03:13:46 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



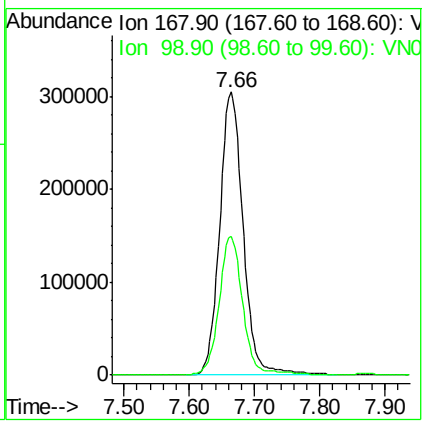


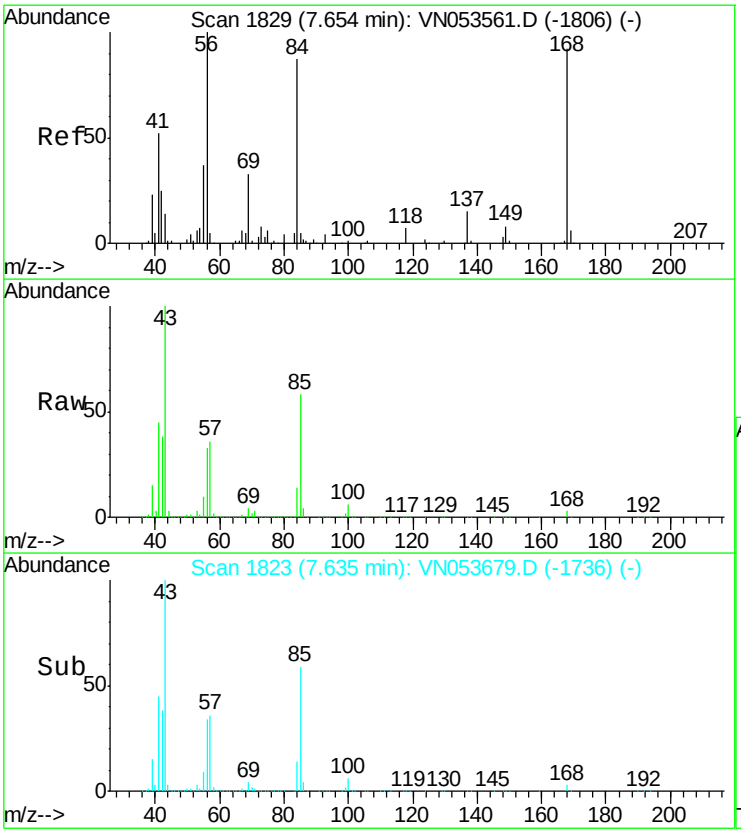
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.00 min
Lab File: VN053679.D
Acq: 8 Feb 2019 14:10

Instrument :
MSVOA_N
ClientSampleId :
SB-09(13-16)ME

Tgt Ion:168 Resp: 759603

Ion	Ratio	Lower	Upper
168	100		
99	49.0	39.1	58.7

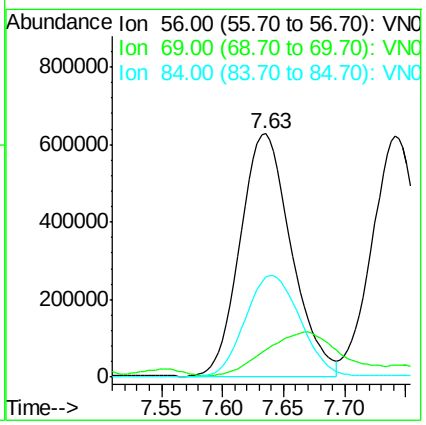


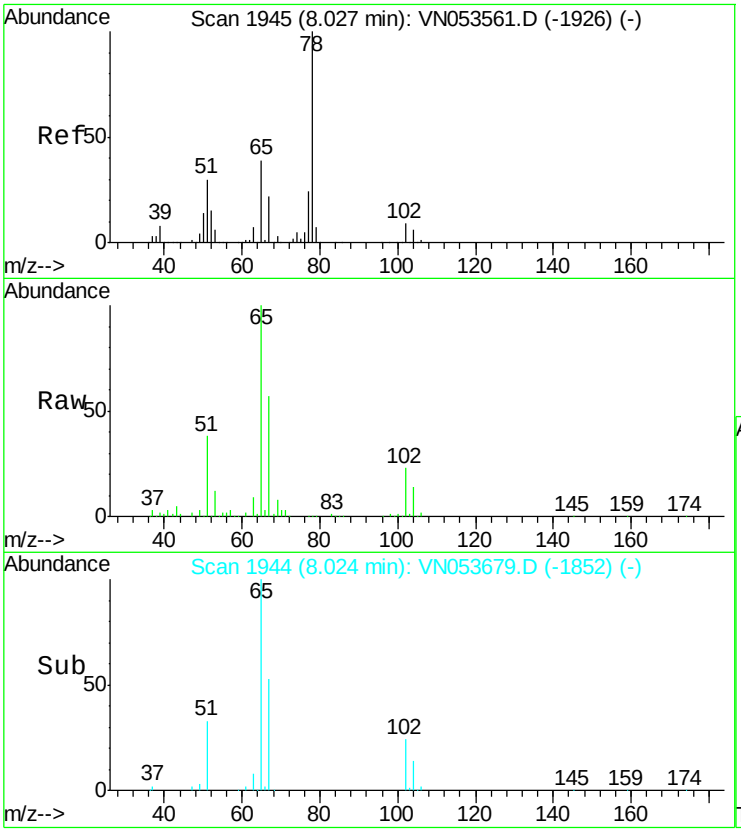


#31
Cyclohexane
Concen: 141.266 ug/l
RT: 7.63 min Scan# 1823
Delta R.T. -0.02 min
Lab File: VN053679.D
Acq: 8 Feb 2019 14:10

Tgt Ion: 56 Resp: 1816537

Ion	Ratio	Lower	Upper
56	100		
69	9.4	26.4	39.6#
84	41.4	67.9	101.9#



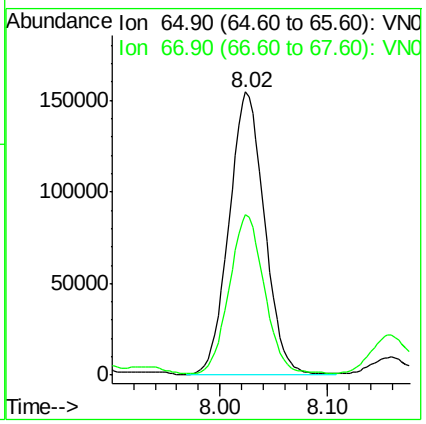


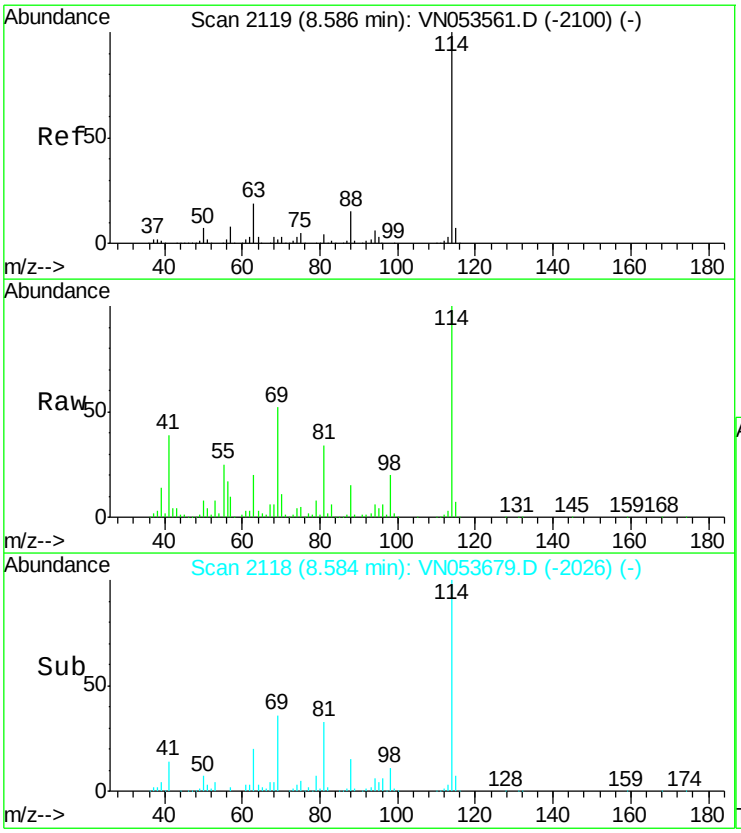
#33
1,2-Dichloroethane-d4
Concen: 46.279 ug/l
RT: 8.02 min Scan# 1944
Delta R.T. -0.00 min
Lab File: VN053679.D
Acq: 8 Feb 2019 14:10

Instrument :
MSVOA_N
ClientSampleId :
SB-09(13-16)ME

Tgt Ion: 65 Resp: 352655

Ion	Ratio	Lower	Upper
65	100		
67	55.6	0.0	111.2

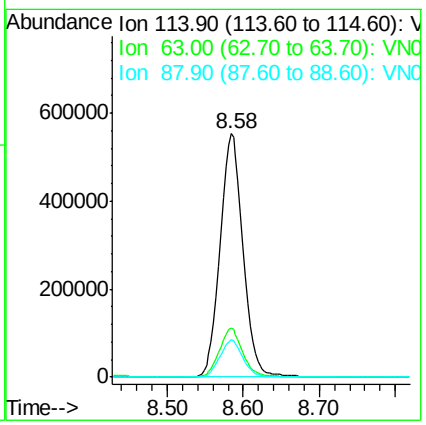


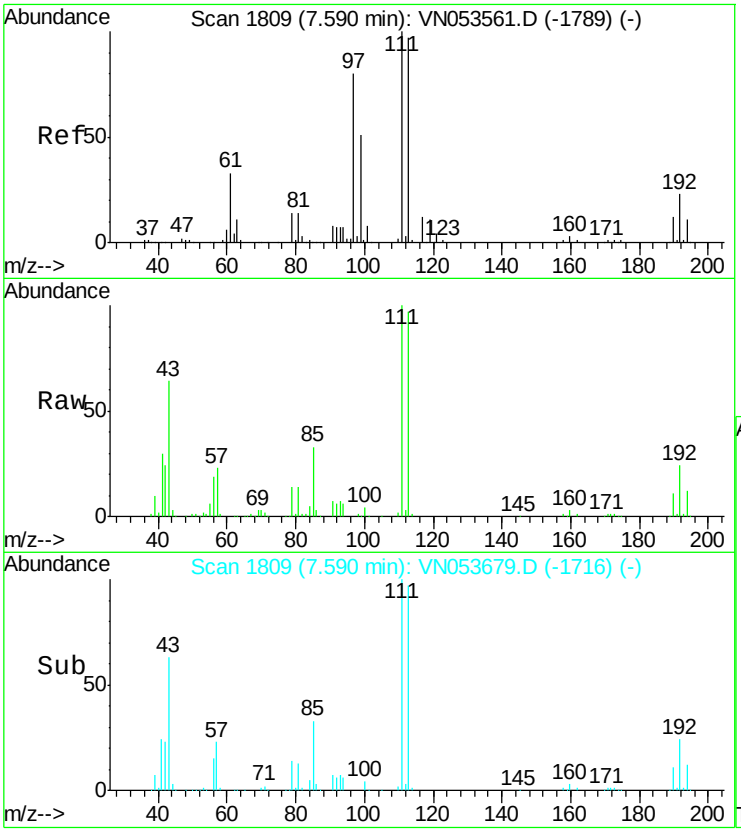


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.58 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VN053679.D
Acq: 8 Feb 2019 14:10

Tgt Ion:114 Resp: 1163997

Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	38.6
88	15.2	0.0	30.4



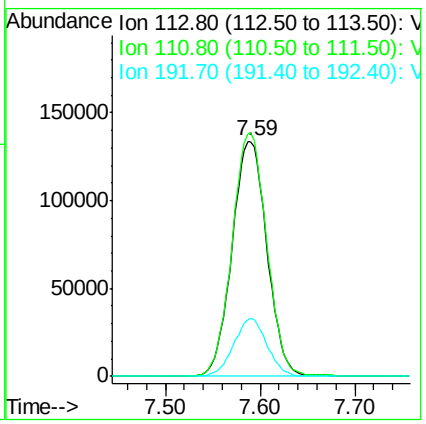


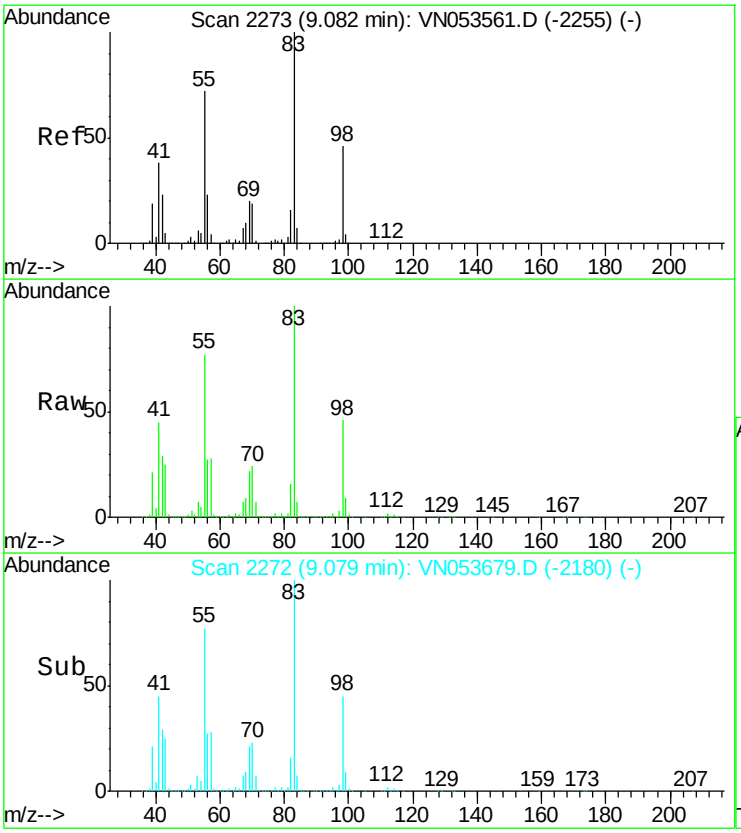
#35
Dibromofluoromethane
Concen: 46.657 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. 0.00 min
Lab File: VN053679.D
Acq: 8 Feb 2019 14:10

Instrument :
MSVOA_N
ClientSampleId :
SB-09(13-16)ME

Tgt Ion:113 Resp: 343163

Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.1	121.7
192	23.5	18.2	27.2

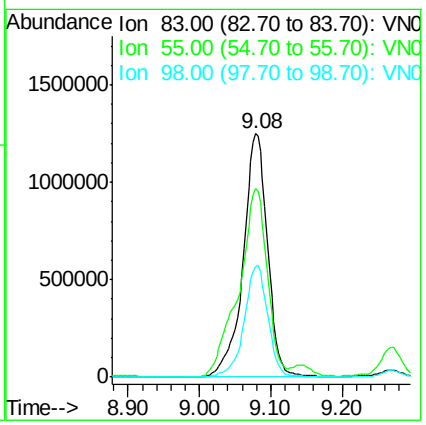


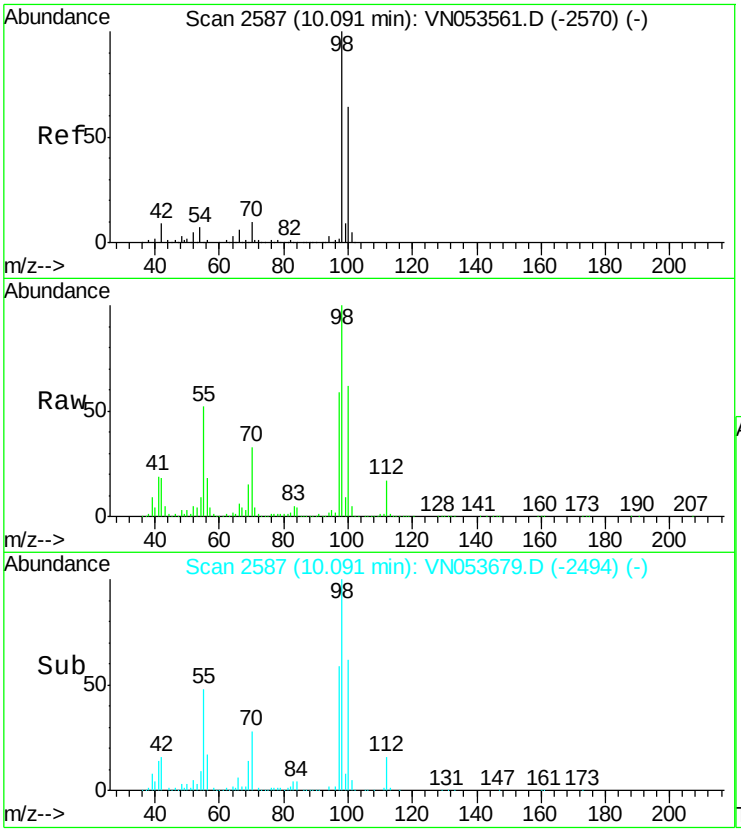


#39
Methylcyclohexane
Concen: 238.630 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN053679.D
Acq: 8 Feb 2019 14:10

Tgt Ion: 83 Resp: 2970591

Ion	Ratio	Lower	Upper
83	100		
55	77.3	60.1	90.1
98	45.5	36.6	55.0



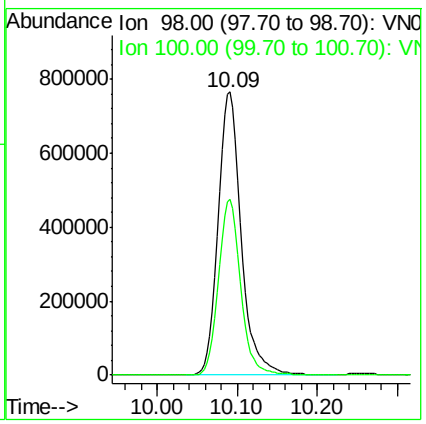


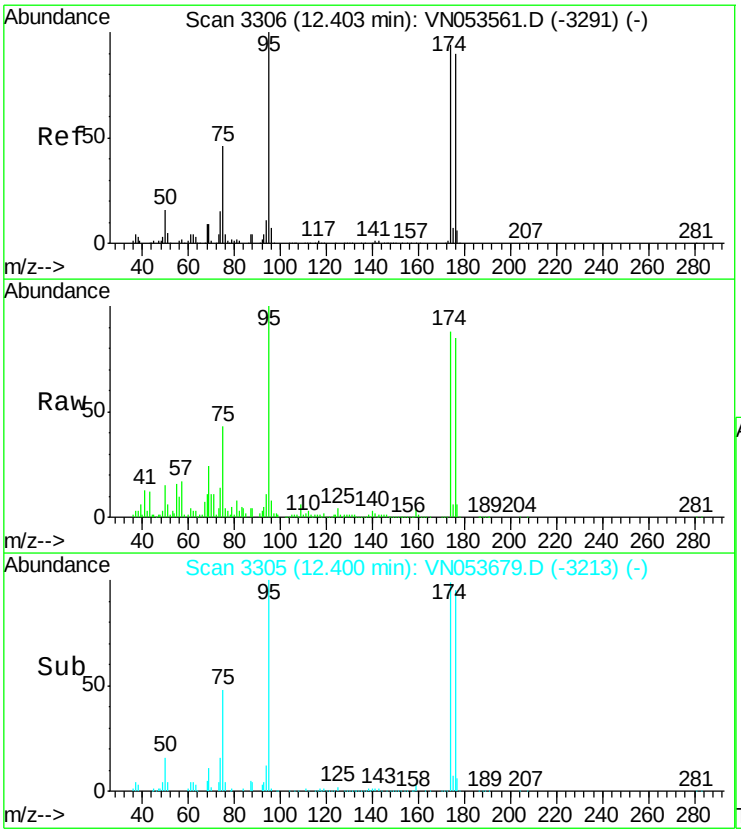
#50
Toluene-d8
Concen: 55.482 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN053679.D
Acq: 8 Feb 2019 14:10

Instrument :
MSVOA_N
ClientSampleId :
SB-09(13-16)ME

Tgt Ion: 98 Resp: 1532209

Ion	Ratio	Lower	Upper
98	100		
100	59.7	51.4	77.0

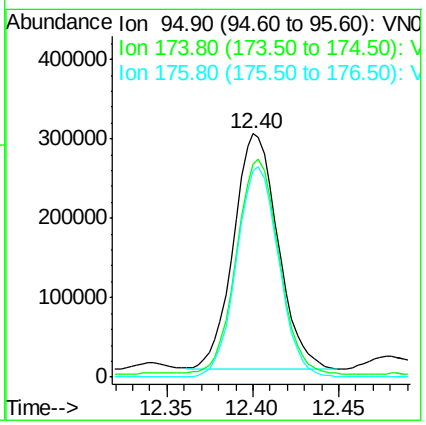


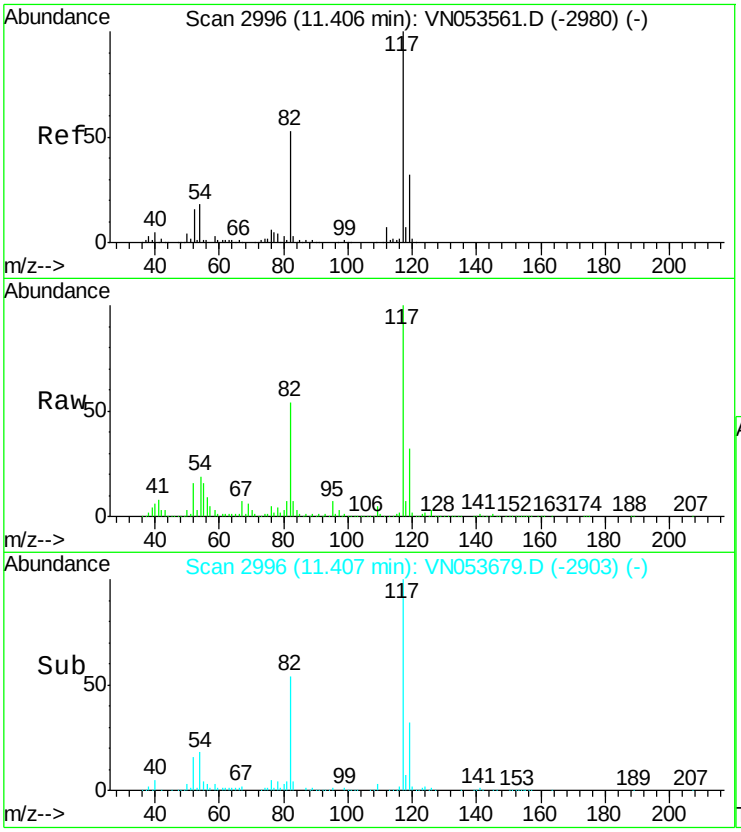


#62
4-Bromofluorobenzene
Concen: 57.867 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN053679.D
Acq: 8 Feb 2019 14:10

Tgt Ion: 95 Resp: 532985

Ion	Ratio	Lower	Upper
95	100		
174	89.8	0.0	183.2
176	85.3	0.0	177.4



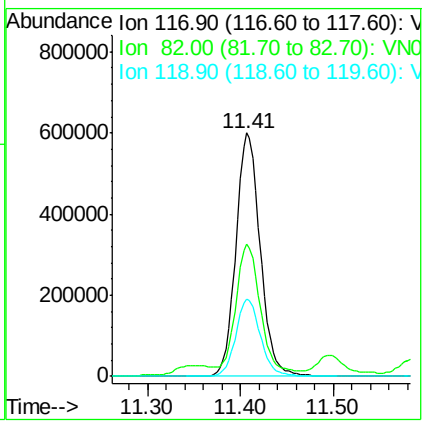


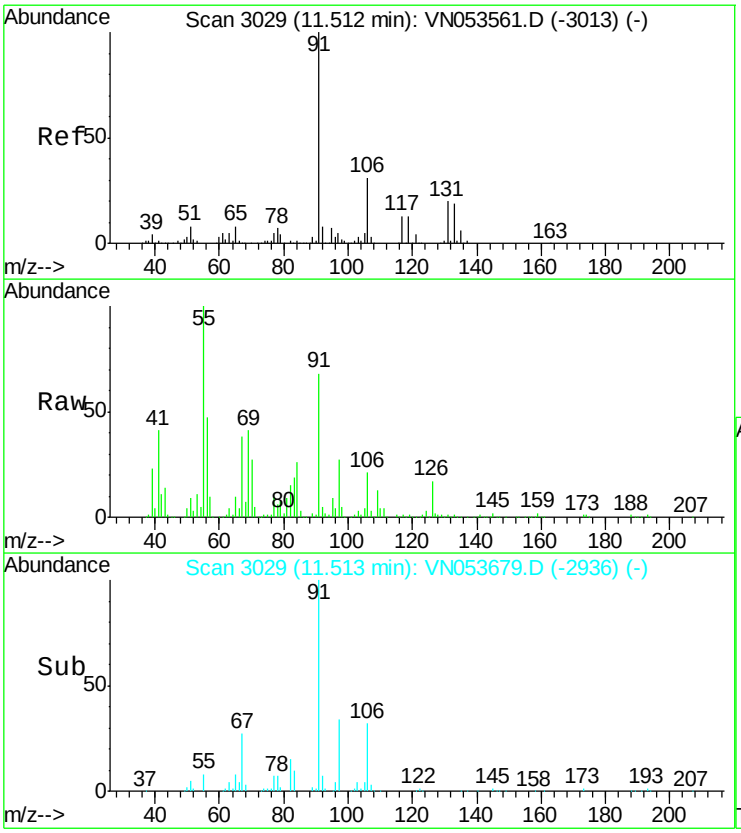
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053679.D
Acq: 8 Feb 2019 14:10

Instrument :
MSVOA_N
ClientSampleId :
SB-09(13-16)ME

Tgt Ion:117 Resp: 1080123

Ion	Ratio	Lower	Upper
117	100		
82	50.1	42.9	64.3
119	31.9	26.0	39.0

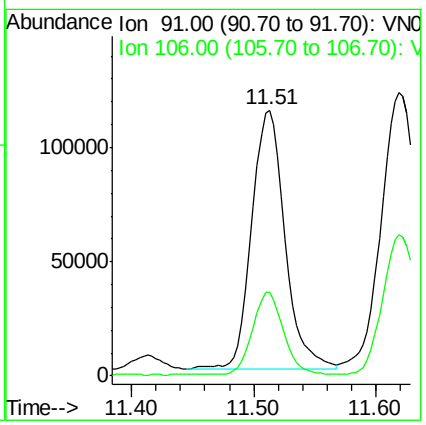


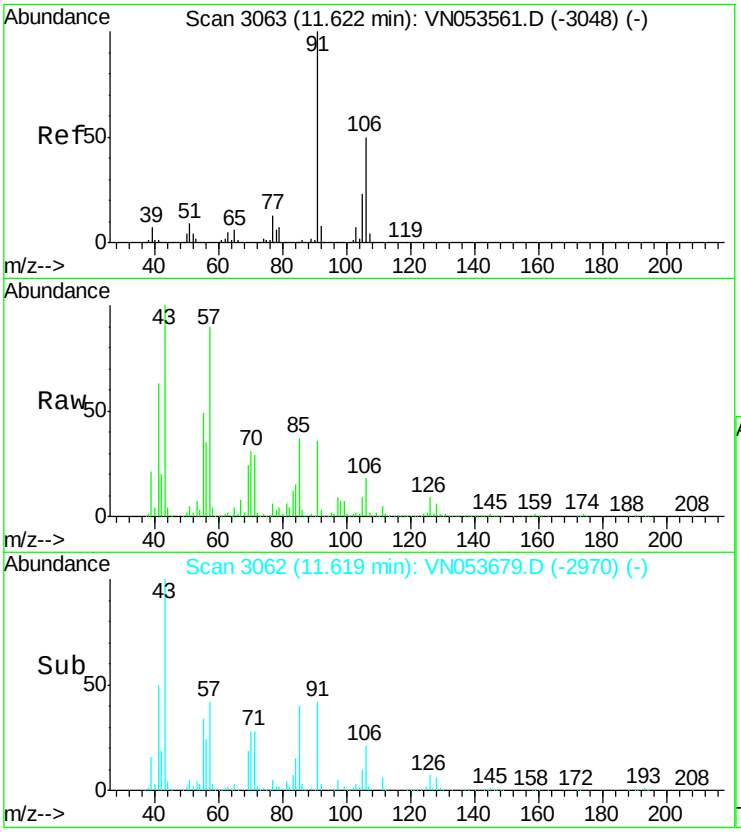


#67
Ethyl Benzene
Concen: 5.680 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN053679.D
Acq: 8 Feb 2019 14:10

Tgt Ion: 91 Resp: 214085

Ion	Ratio	Lower	Upper
91	100		
106	31.6	25.0	37.6



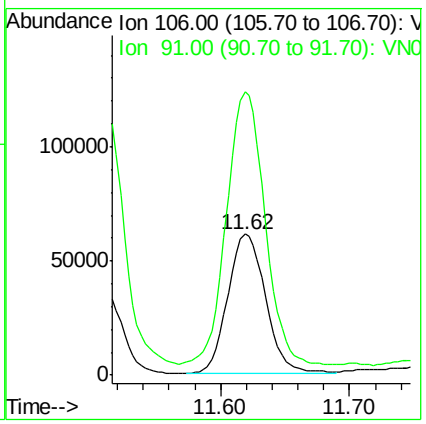


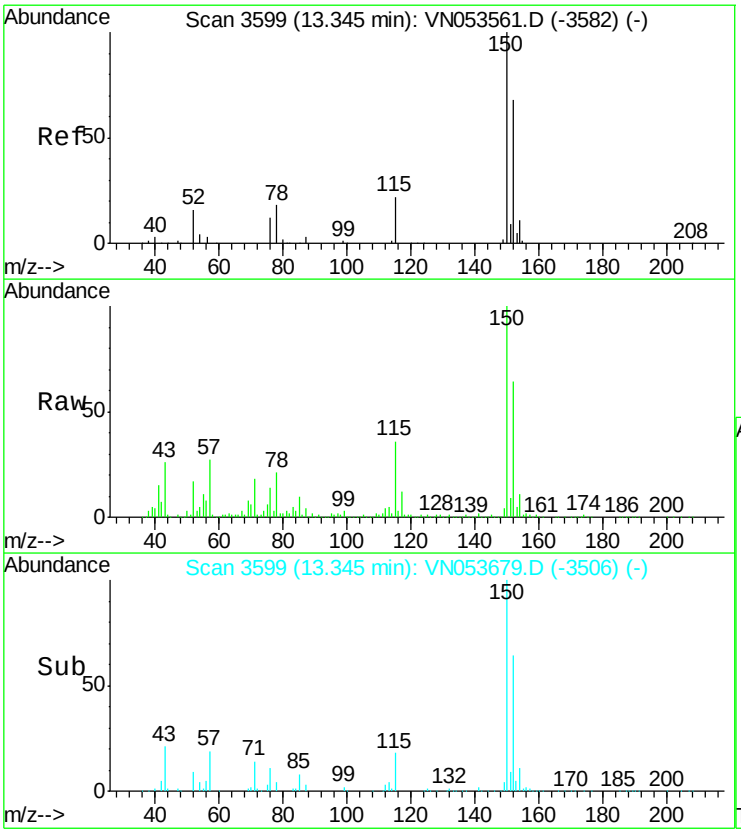
#68
m/p-Xylenes
Concen: 8.727 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN053679.D
Acq: 8 Feb 2019 14:10

Instrument : MSVOA_N
ClientSampleId : SB-09(13-16)ME

Tgt Ion:106 Resp: 125537

Ion	Ratio	Lower	Upper
106	100		
91	196.8	161.4	242.2

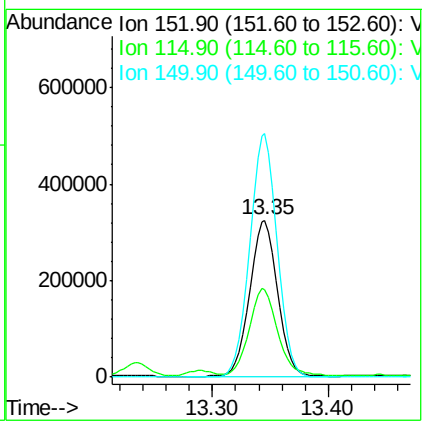


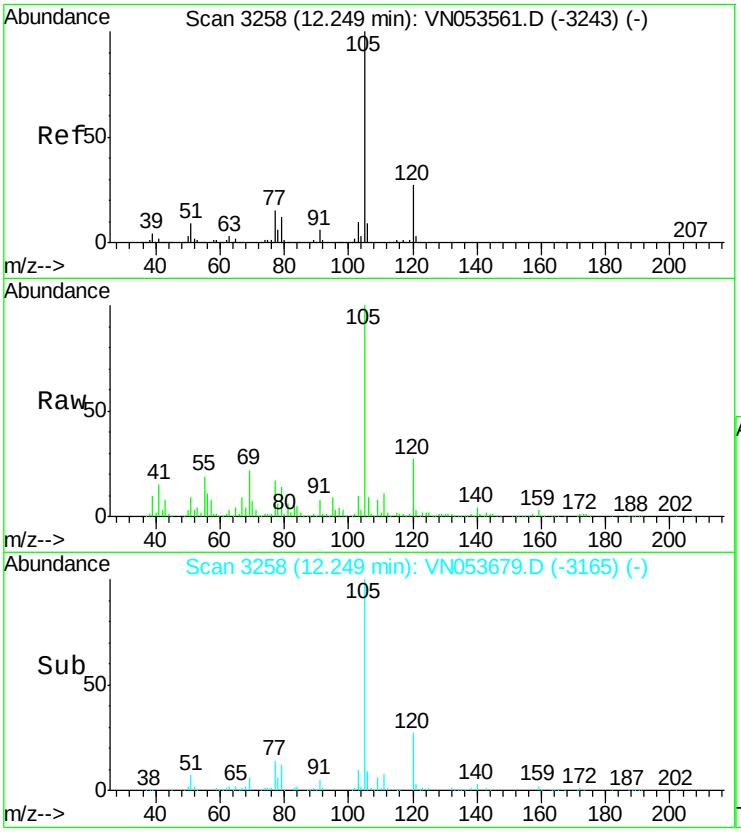


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053679.D
Acq: 8 Feb 2019 14:10

Tgt Ion:152 Resp: 544575

Ion	Ratio	Lower	Upper
152	100		
115	56.6	27.8	83.4
150	152.6	0.0	349.0



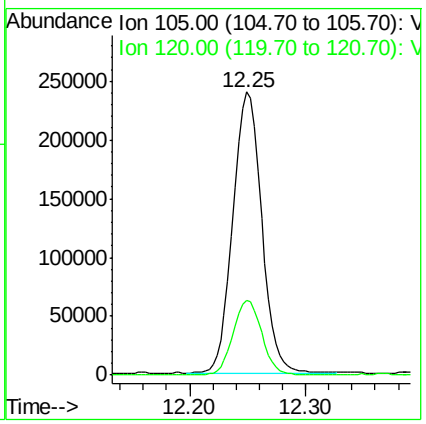


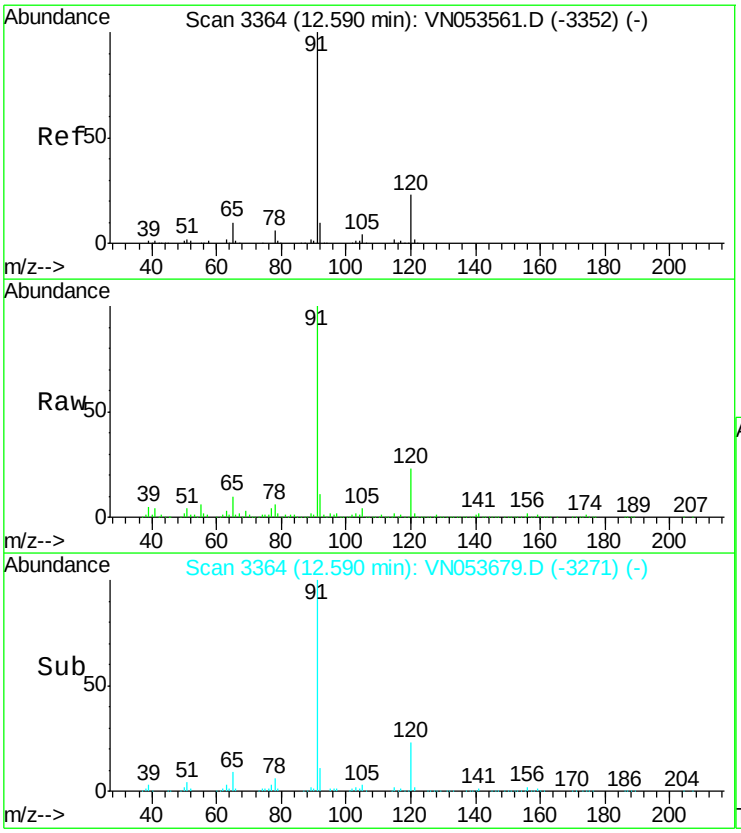
#73
Isopropylbenzene
Concen: 10.758 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. 0.00 min
Lab File: VN053679.D
Acq: 8 Feb 2019 14:10

Instrument : MSVOA_N
ClientSampleId : SB-09(13-16)ME

Tgt Ion:105 Resp: 411854

Ion	Ratio	Lower	Upper
105	100		
120	26.2	13.6	40.7

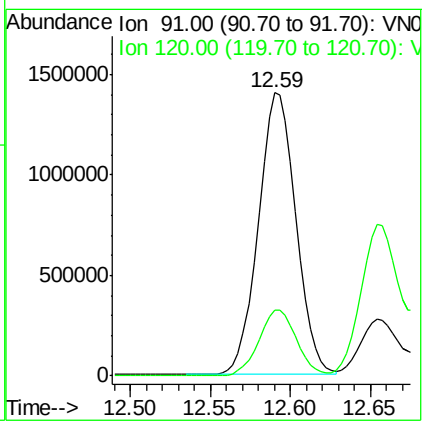


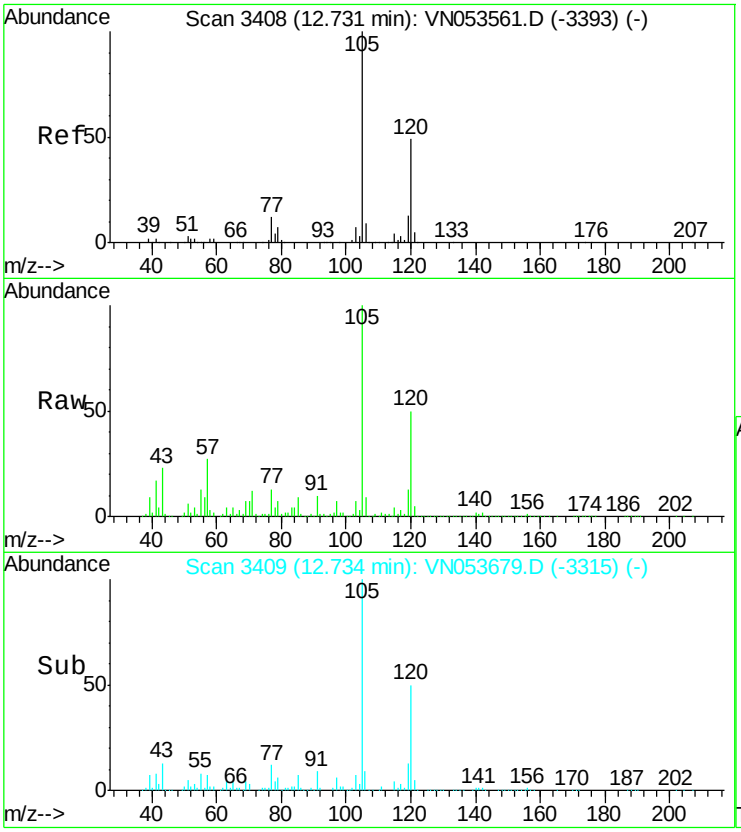


#78
n-propylbenzene
Concen: 51.581 ug/l
RT: 12.59 min Scan# 3364
Delta R.T. 0.00 min
Lab File: VN053679.D
Acq: 8 Feb 2019 14:10

Tgt Ion: 91 Resp: 2282732

Ion	Ratio	Lower	Upper
91	100		
120	23.5	11.9	35.5



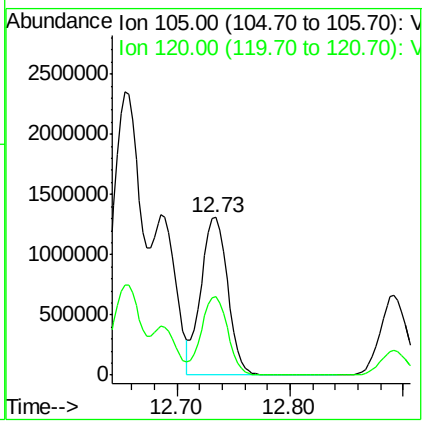


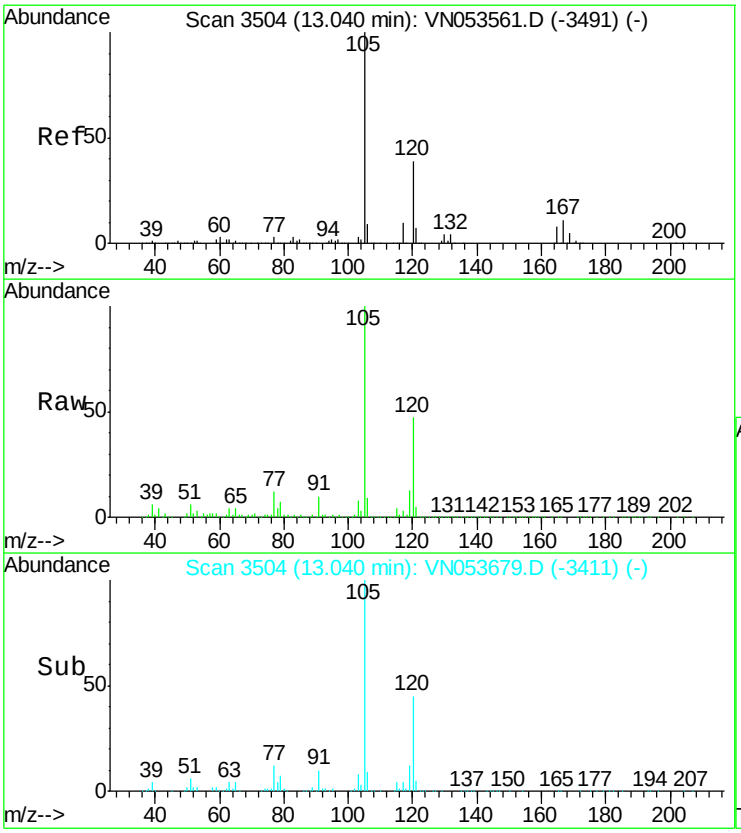
#80
1,3,5-Trimethylbenzene
Concen: 67.980 ug/l
RT: 12.73 min Scan# 3409
Delta R.T. 0.00 min
Lab File: VN053679.D
Acq: 8 Feb 2019 14:10

Instrument :
MSVOA_N
ClientSampleId :
SB-09(13-16)ME

Tgt Ion:105 Resp: 2158096

Ion	Ratio	Lower	Upper
105	100		
120	49.0	24.9	74.6

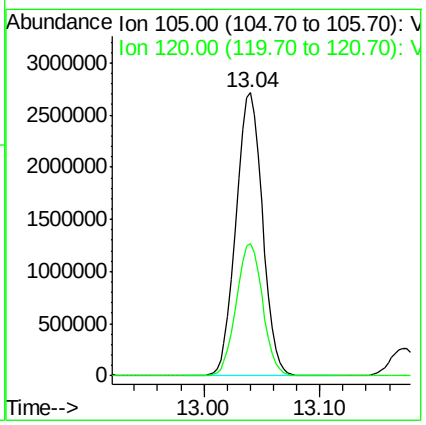


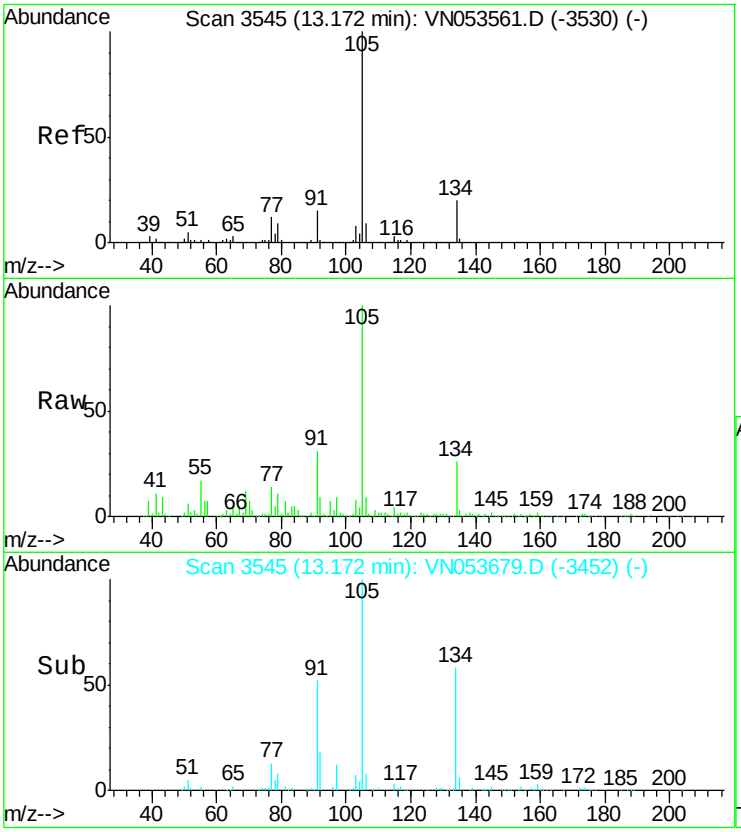


#84
1,2,4-Trimethylbenzene
Concen: 132.643 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN053679.D
Acq: 8 Feb 2019 14:10

Tgt Ion:105 Resp: 4290100

Ion	Ratio	Lower	Upper
105	100		
120	46.4	23.0	69.0



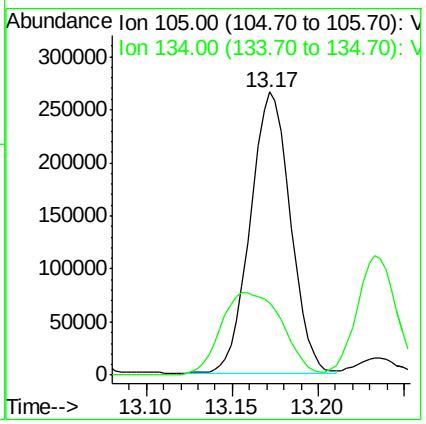


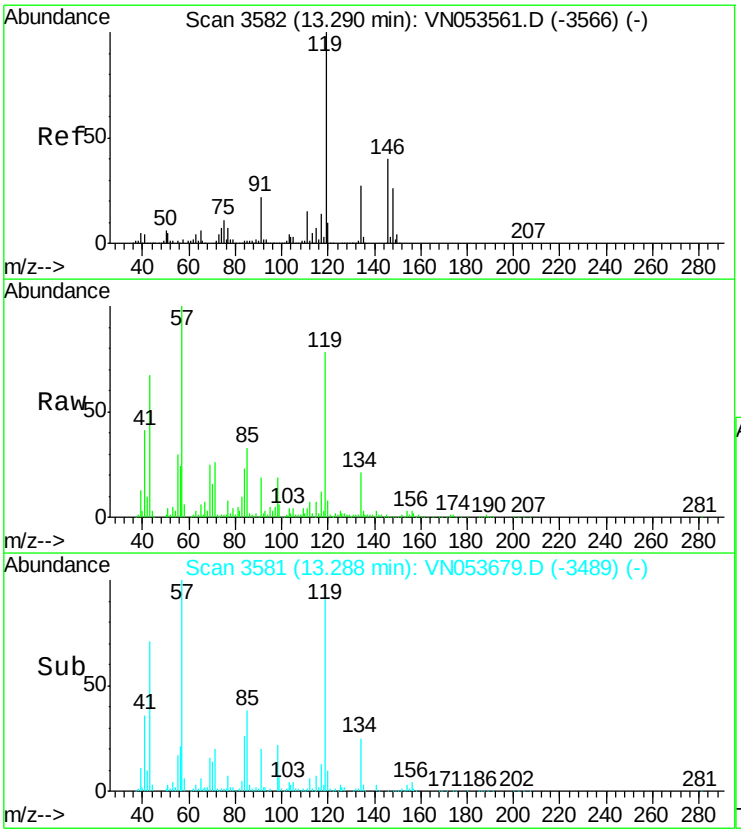
#85
sec-Butylbenzene
Concen: 11.190 ug/l
RT: 13.17 min Scan# 3545
Delta R.T. 0.00 min
Lab File: VN053679.D
Acq: 8 Feb 2019 14:10

Instrument : MSVOA_N
ClientSampleId : SB-09(13-16)ME

Tgt Ion:105 Resp: 427240

Ion	Ratio	Lower	Upper
105	100		
134	45.0	10.2	30.6#

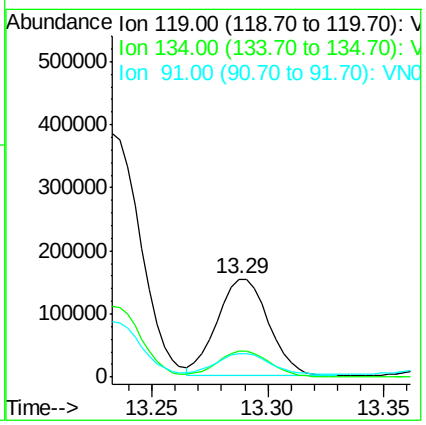


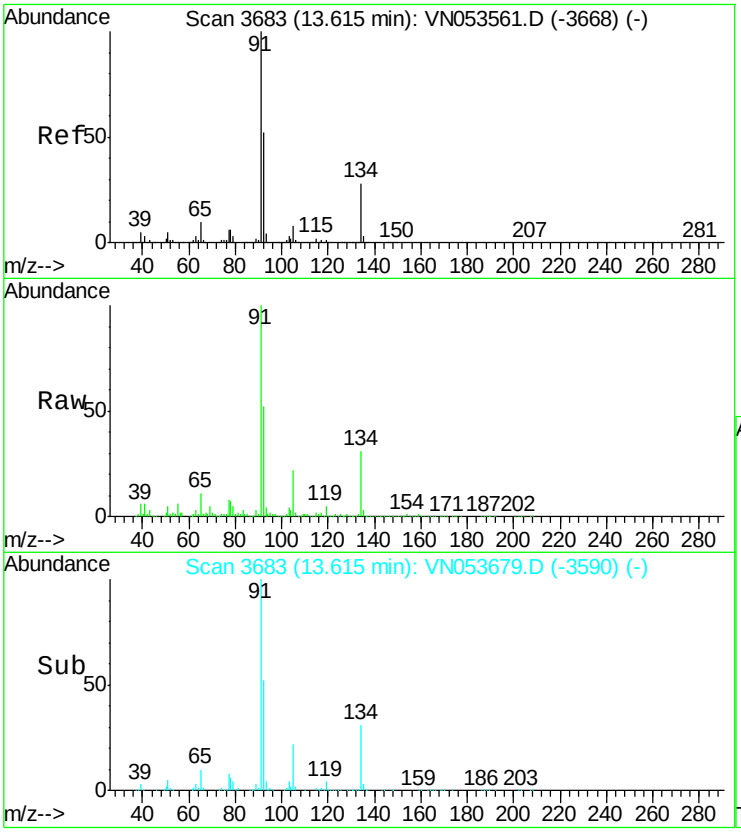


#86
p-Isopropyltoluene
Concen: 7.053 ug/l
RT: 13.29 min Scan# 3581
Delta R.T. -0.00 min
Lab File: VN053679.D
Acq: 8 Feb 2019 14:10

Tgt Ion:119 Resp: 235531

Ion	Ratio	Lower	Upper
119	100		
134	27.0	13.5	40.4
91	22.4	11.0	33.0



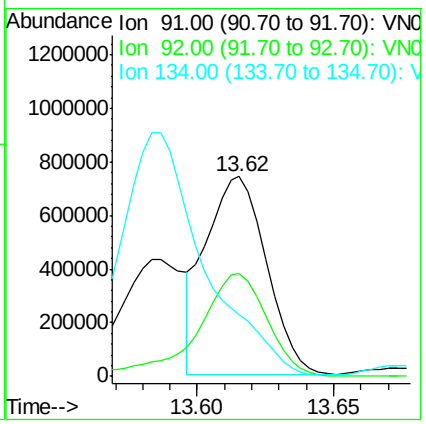


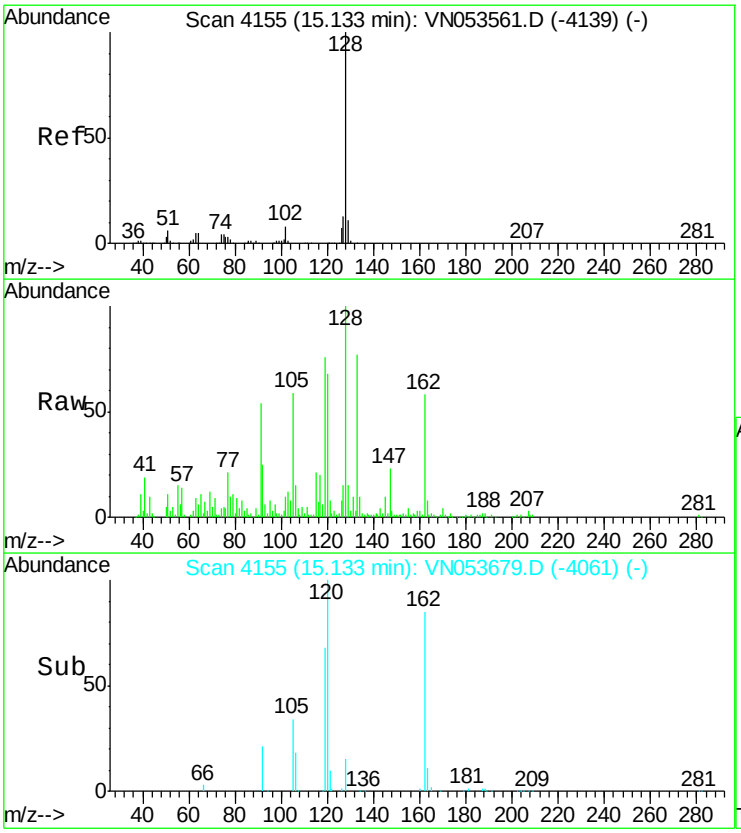
#89
n-Butylbenzene
Concen: 39.293 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN053679.D
Acq: 8 Feb 2019 14:10

Instrument :
MSVOA_N
ClientSampleId :
SB-09(13-16)ME

Tgt Ion: 91 Resp: 1135702

Ion	Ratio	Lower	Upper
91	100		
92	58.7	26.3	78.8
134	0.0	13.5	40.5#





#95
Naphthalene
Concen: 6.383 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN053679.D
Acq: 8 Feb 2019 14:10

Tgt Ion:128 Resp: 115155

Ion	Ratio	Lower	Upper
128	100		
127	15.6	10.3	15.5#
129	0.0	8.6	13.0#