Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN020819\
Data File : VN053685.D
Acq On : 8 Feb 2019 16:51
Operator : JC/SP
Sample : K1349-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : OR-03-020719-B

Quant Time: Feb 09 03:27:45 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	870165	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1423743	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1290437	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	544524	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	452115	51.79	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.58%			
35) Dibromofluoromethane	7.59	113	444812	49.44	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.88%			
50) Toluene-d8	10.09	98	1712989	50.71	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.42%			
62) 4-Bromofluorobenzene	12.40	95	574744	51.02	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.04%			
Target Compounds						Qvalue
16) Acetone	3.82	43	125217	55.922	ug/l	98
20) Methylene Chloride	4.55	84	4183297	445.315	ug/l	97
43) Isopropyl Acetate	8.17	43	35694	2.579	ug/l #	82
52) Toluene	10.16	92	35577	1.515	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	54511	1.686	ug/l	99
95) Naphthalene	15.13	128	60459	4.176	ug/l	99

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

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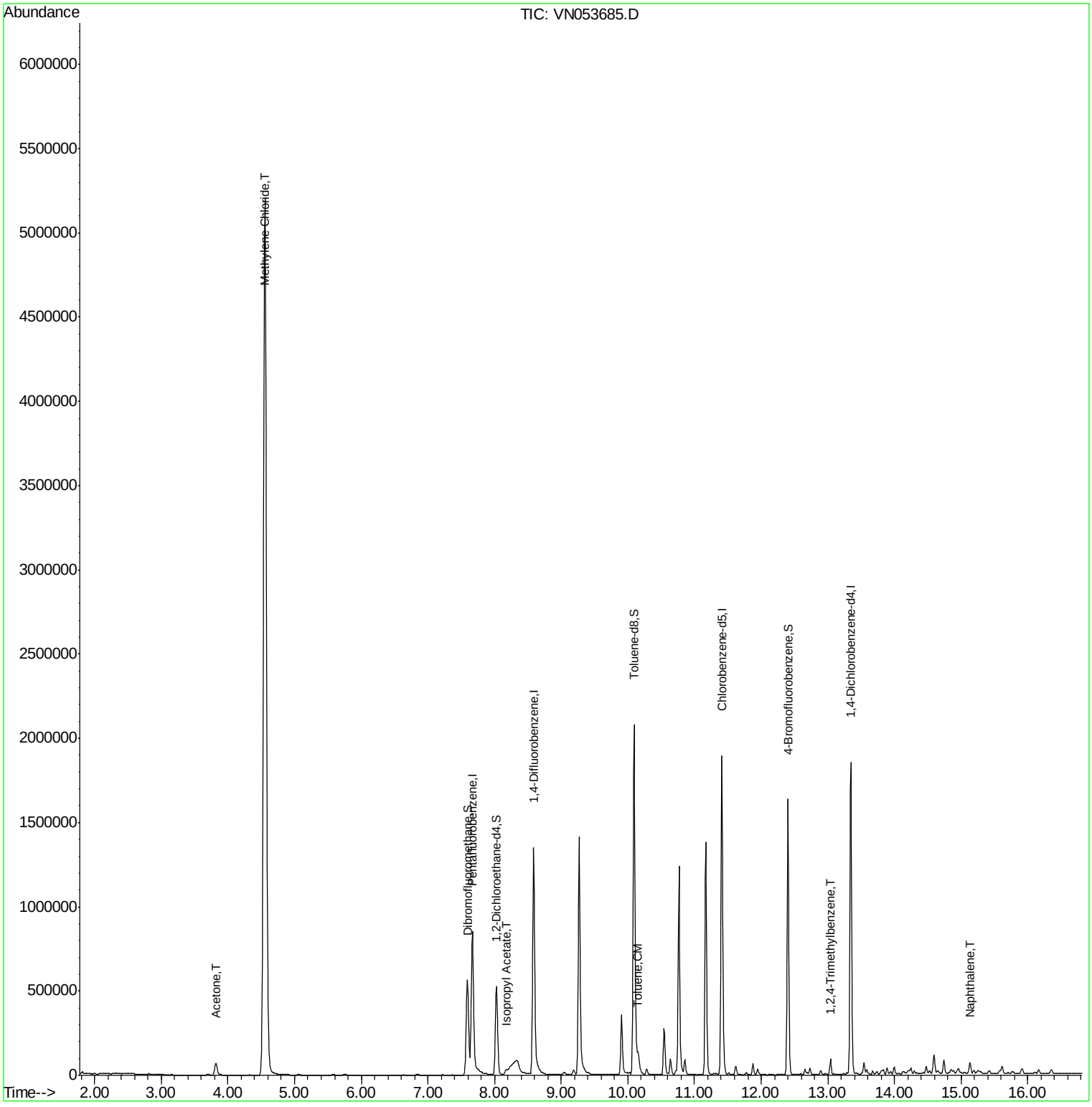
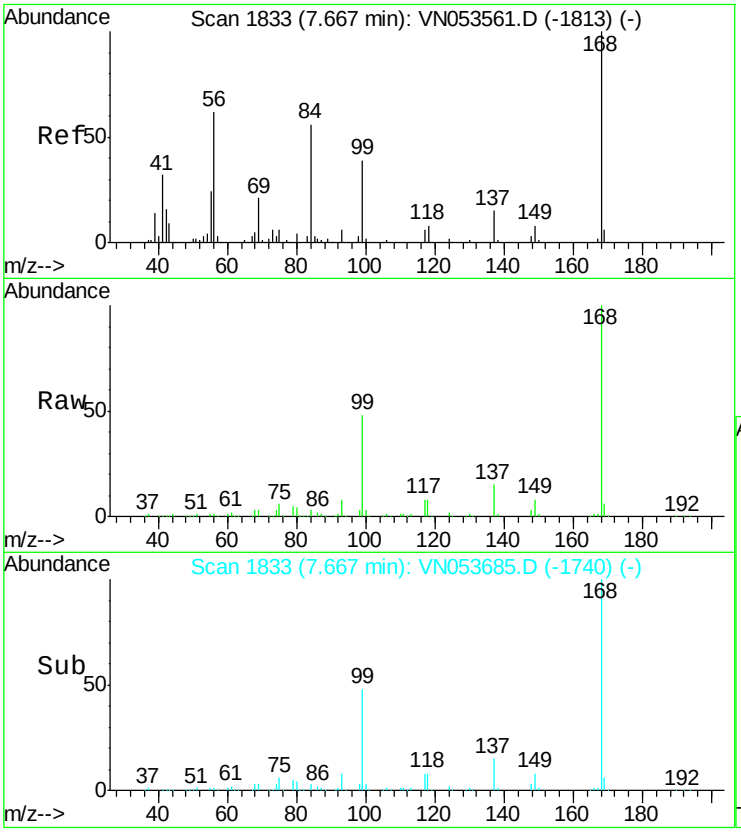


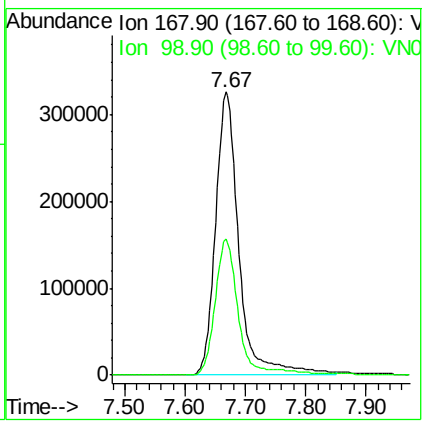


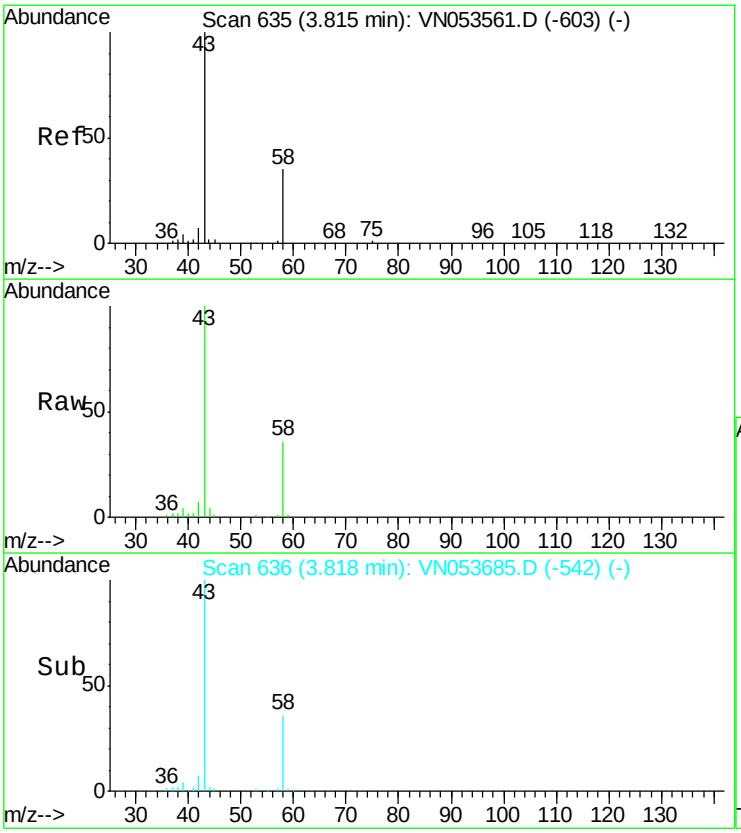
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VN053685.D
Acq: 8 Feb 2019 16:51

Instrument :
MSVOA_N
ClientSampleId :
OR-03-020719-B

Tgt Ion:168 Resp: 870165

Ion	Ratio	Lower	Upper
168	100		
99	47.9	39.1	58.7

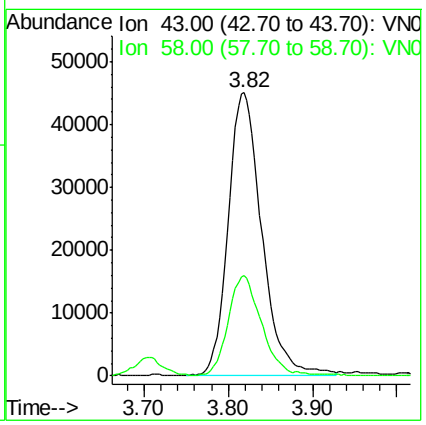


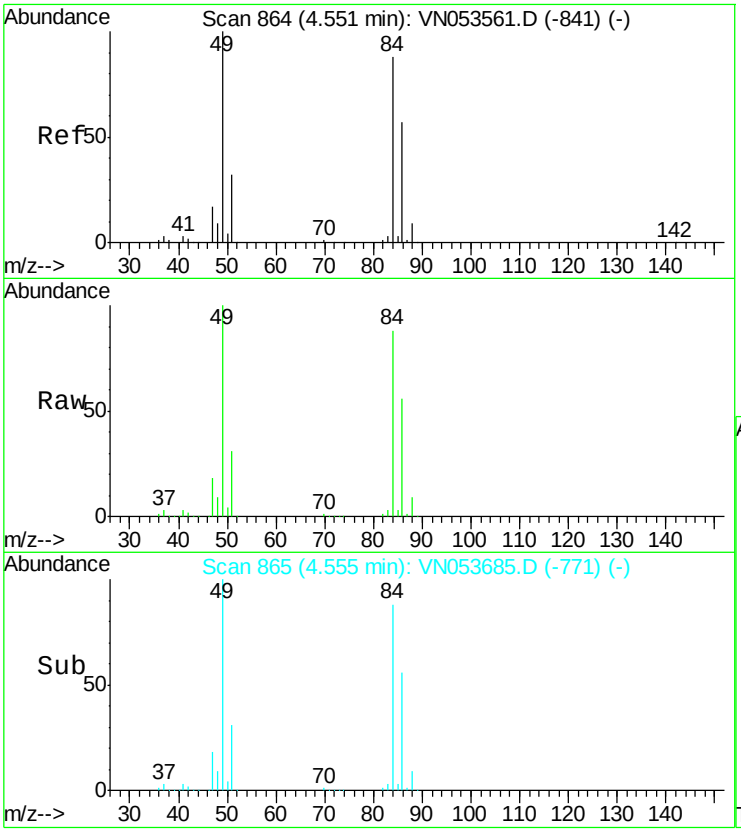


#16
Acetone
Concen: 55.922 ug/l
RT: 3.82 min Scan# 636
Delta R.T. 0.00 min
Lab File: VN053685.D
Acq: 8 Feb 2019 16:51

Tgt Ion: 43 Resp: 125217

Ion	Ratio	Lower	Upper
43	100		
58	35.2	27.1	40.7



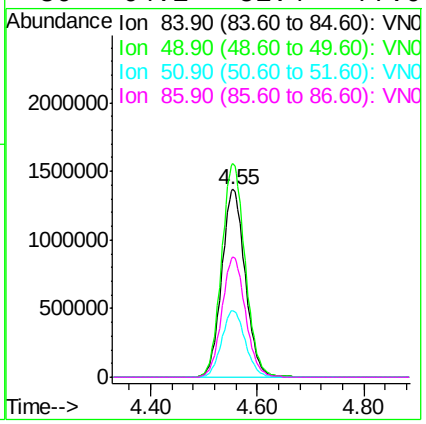


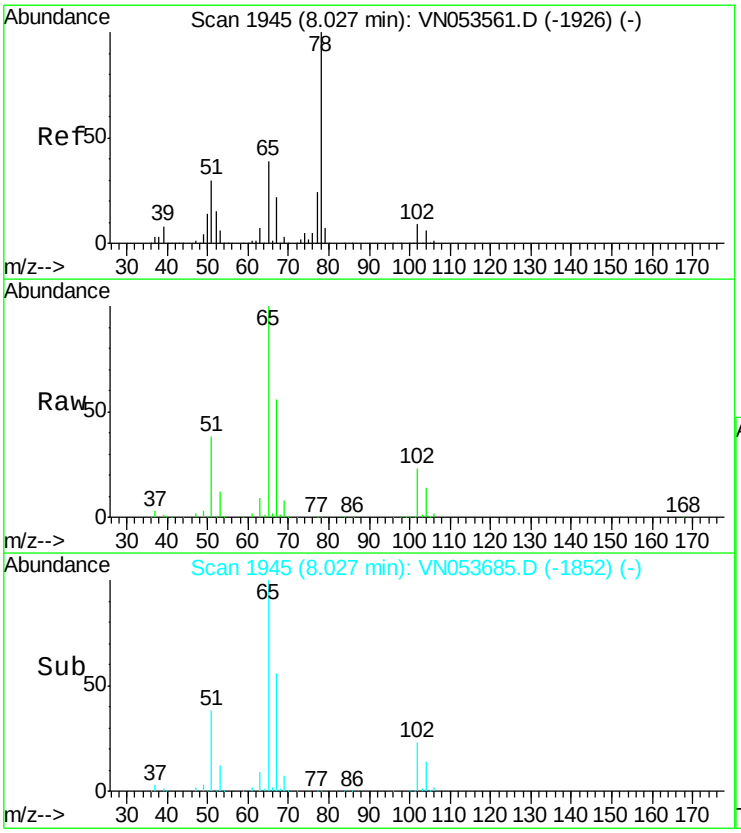
#20
Methylene Chloride
Concen: 445.315 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN053685.D
Acq: 8 Feb 2019 16:51

Instrument :
MSVOA_N
ClientSampleId :
OR-03-020719-B

Tgt Ion: 84 Resp: 4183297

Ion	Ratio	Lower	Upper
84	100		
49	113.6	94.3	141.5
51	35.4	29.4	44.2
86	64.1	51.4	77.0

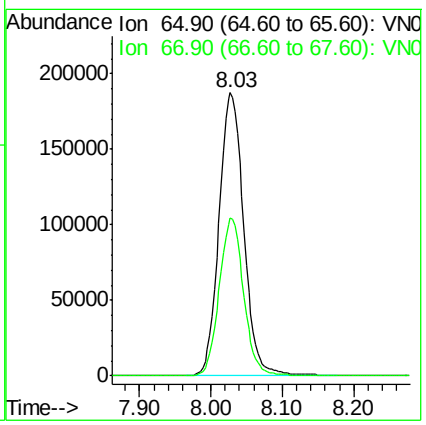


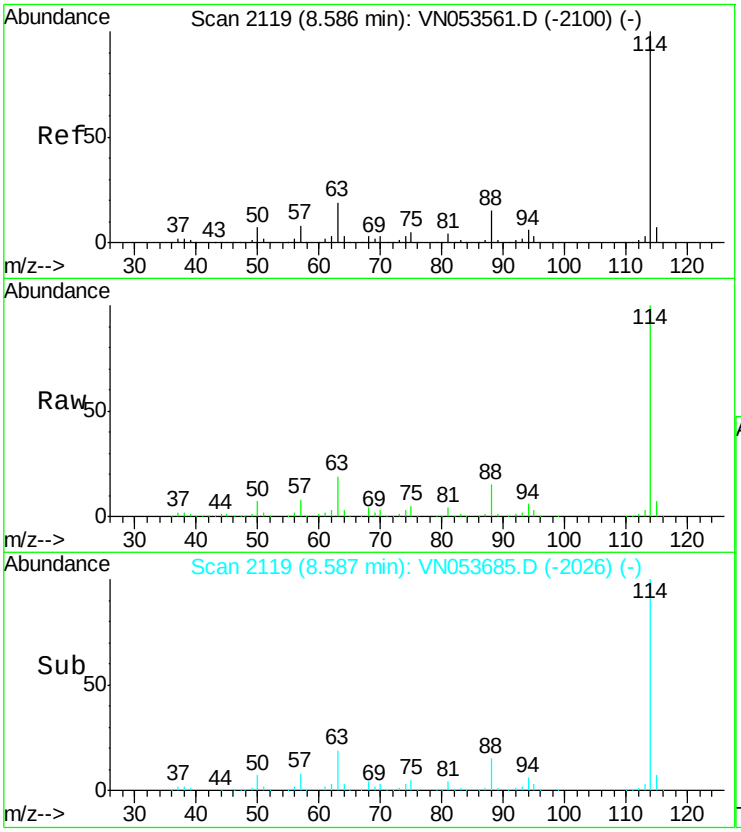


#33
1,2-Dichloroethane-d4
Concen: 51.792 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN053685.D
Acq: 8 Feb 2019 16:51

Tgt Ion: 65 Resp: 452115

Ion	Ratio	Lower	Upper
65	100		
67	55.2	0.0	111.2



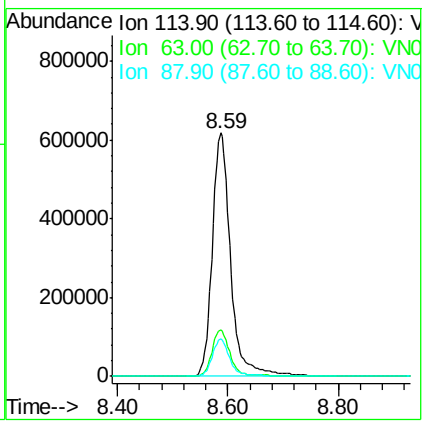


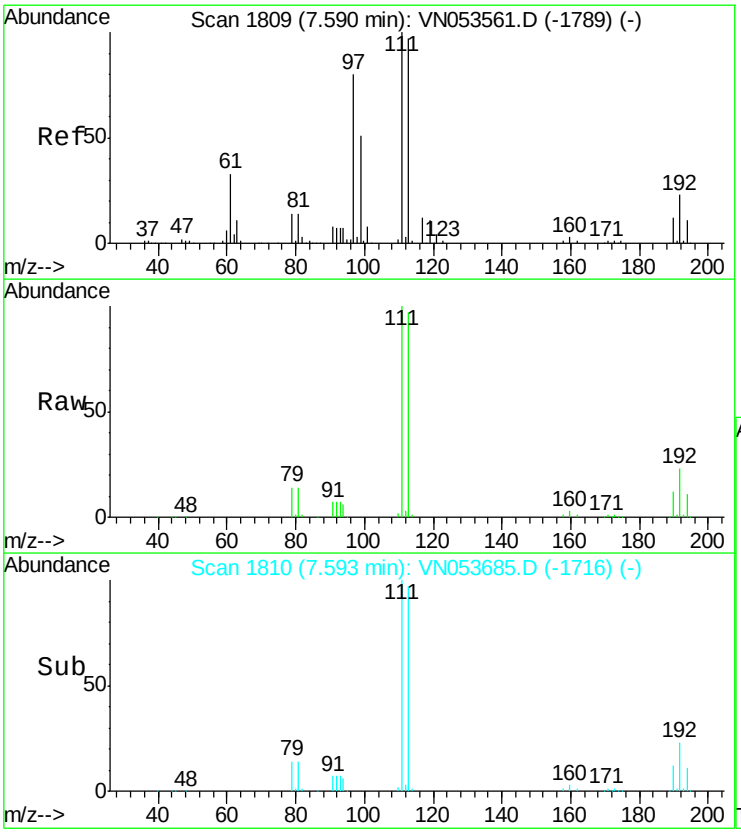
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN053685.D
Acq: 8 Feb 2019 16:51

Instrument :
MSVOA_N
ClientSampleId :
OR-03-020719-B

Tgt Ion:114 Resp: 1423743

Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	38.6
88	15.3	0.0	30.4

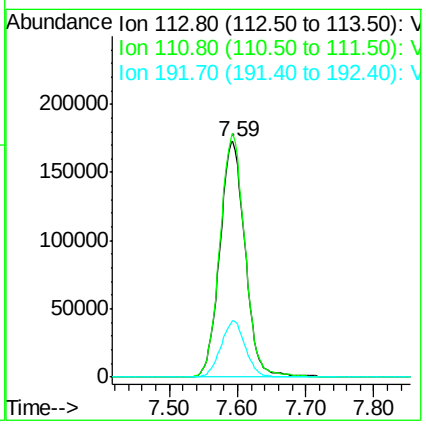


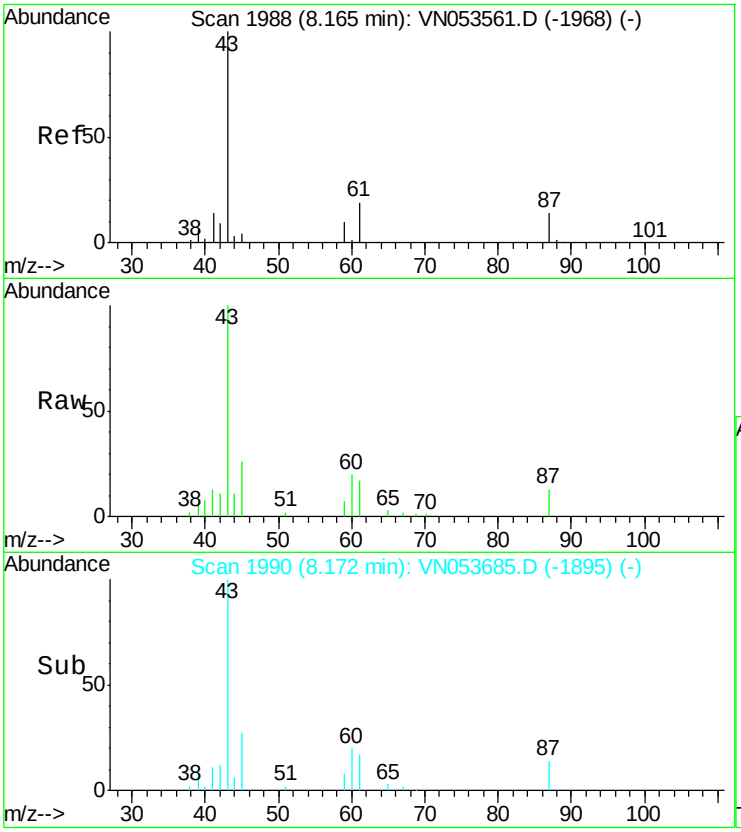


#35
Dibromofluoromethane
Concen: 49.444 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN053685.D
Acq: 8 Feb 2019 16:51

Tgt Ion:113 Resp: 444812

Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.1	121.7
192	23.1	18.2	27.2



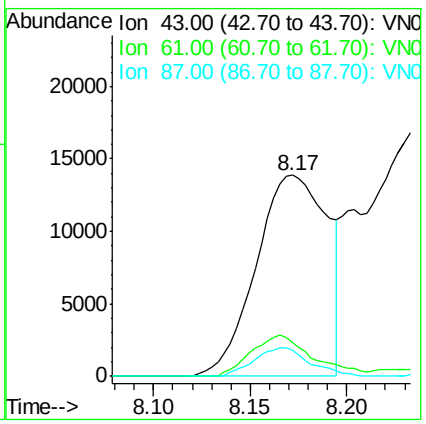


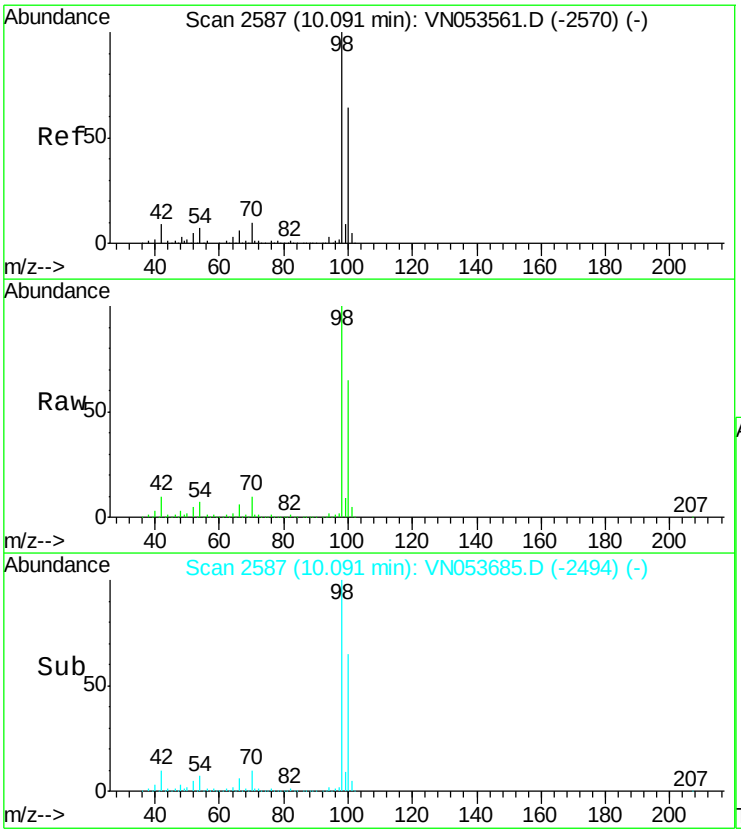
#43
Isopropyl Acetate
Concen: 2.579 ug/l
RT: 8.17 min Scan# 1990
Delta R.T. 0.01 min
Lab File: VN053685.D
Acq: 8 Feb 2019 16:51

Instrument : MSVOA_N
ClientSampleId : OR-03-020719-B

Tgt Ion: 43 Resp: 35694

Ion	Ratio	Lower	Upper
43	100		
61	17.6	23.9	35.9#
87	11.0	11.0	16.6#

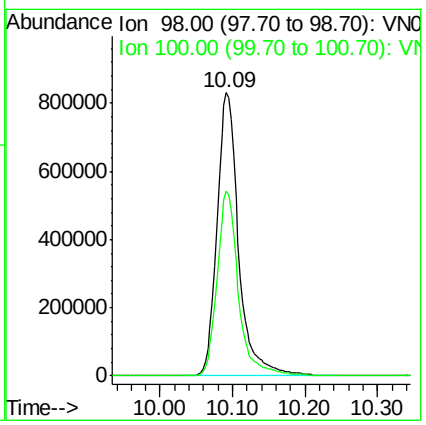


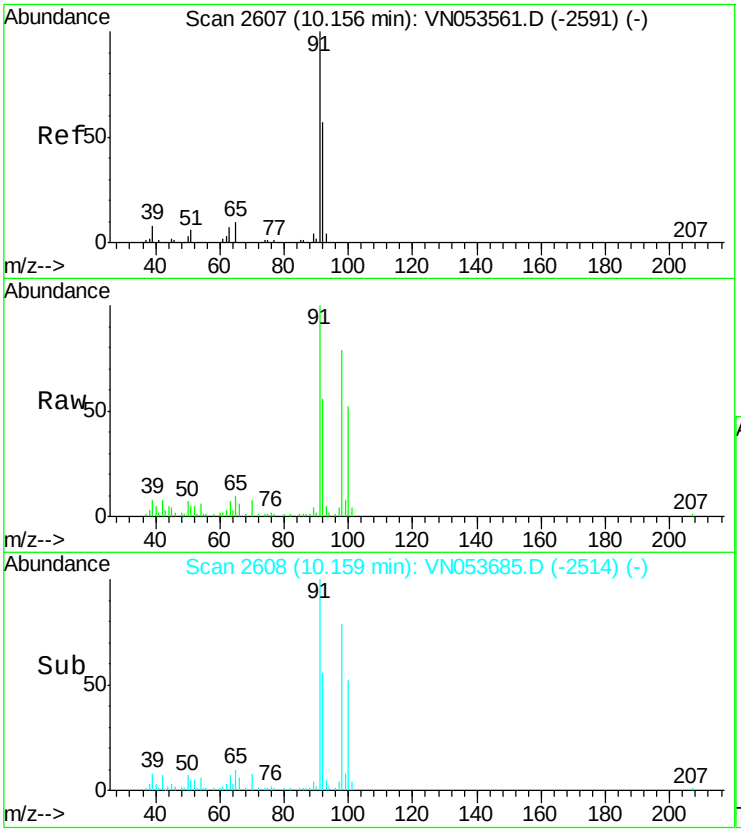


#50
Toluene-d8
Concen: 50.712 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN053685.D
Acq: 8 Feb 2019 16:51

Tgt Ion: 98 Resp: 1712989

Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.4	77.0



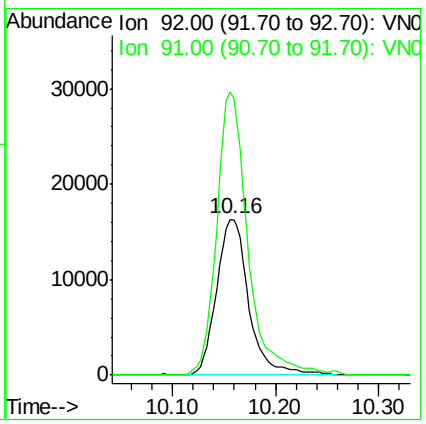


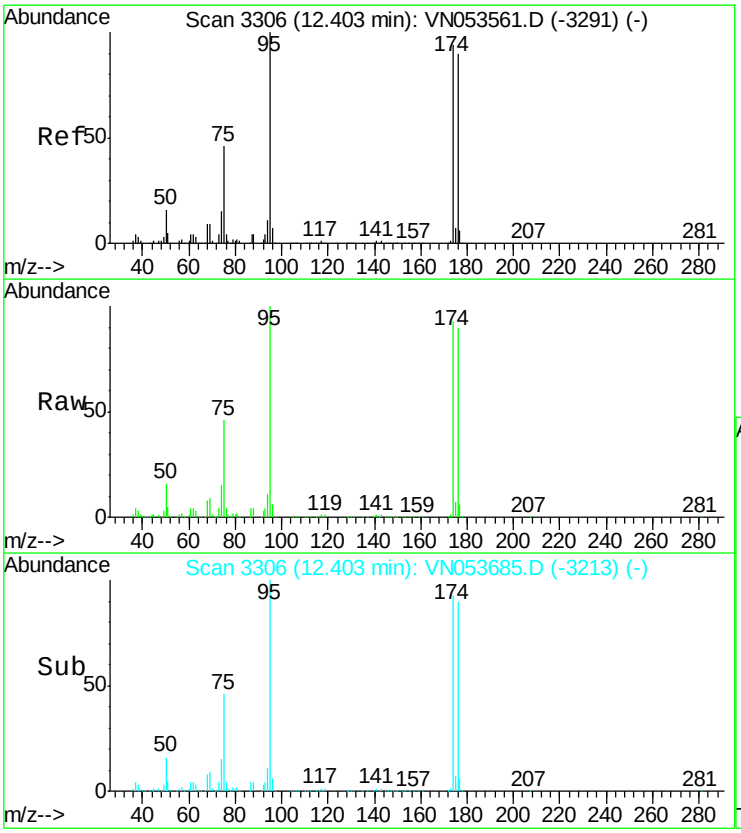
#52
Toluene
Concen: 1.515 ug/l
RT: 10.16 min Scan# 2608
Delta R.T. 0.00 min
Lab File: VN053685.D
Acq: 8 Feb 2019 16:51

Instrument :
MSVOA_N
ClientSampleId :
OR-03-020719-B

Tgt Ion: 92 Resp: 35577

Ion	Ratio	Lower	Upper
92	100		
91	174.7	139.9	209.9

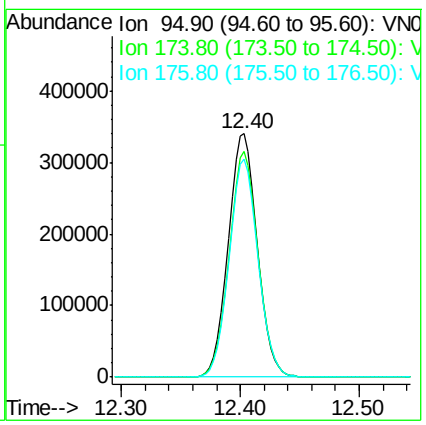


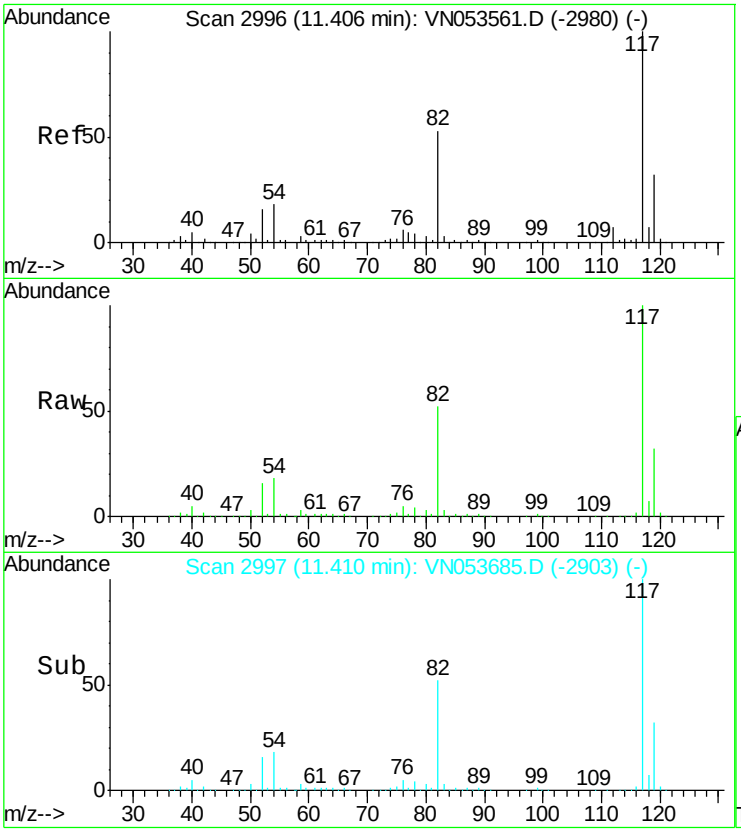


#62
4-Bromofluorobenzene
Concen: 51.016 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN053685.D
Acq: 8 Feb 2019 16:51

Tgt Ion: 95 Resp: 574744

Ion	Ratio	Lower	Upper
95	100		
174	92.1	0.0	183.2
176	89.1	0.0	177.4



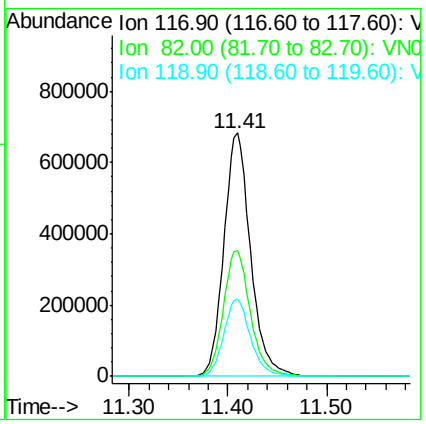


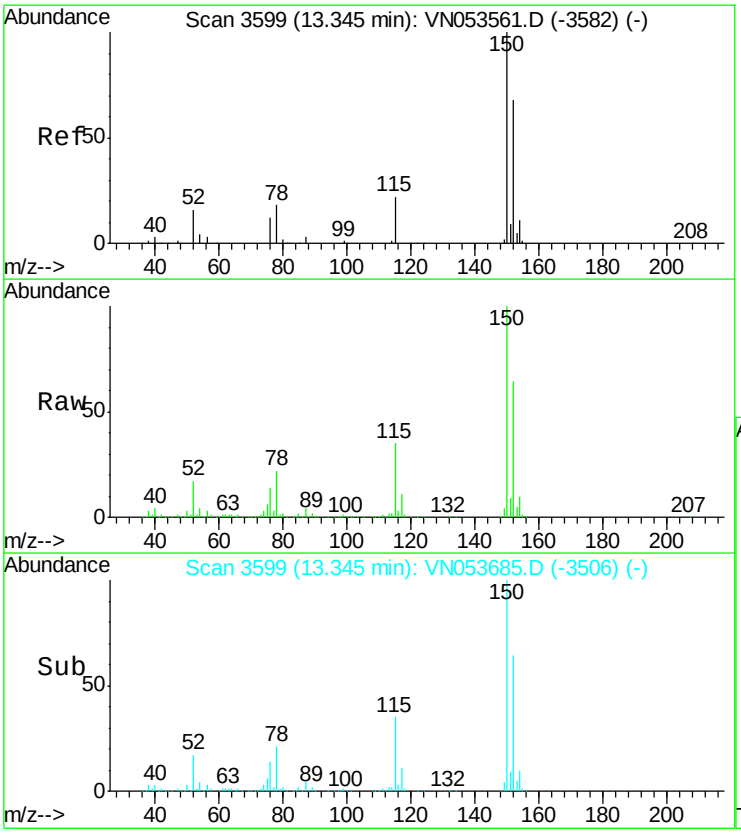
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN053685.D
Acq: 8 Feb 2019 16:51

Instrument : MSVOA_N
ClientSampleId : OR-03-020719-B

Tgt Ion:117 Resp: 1290437

Ion	Ratio	Lower	Upper
117	100		
82	51.9	42.9	64.3
119	31.9	26.0	39.0

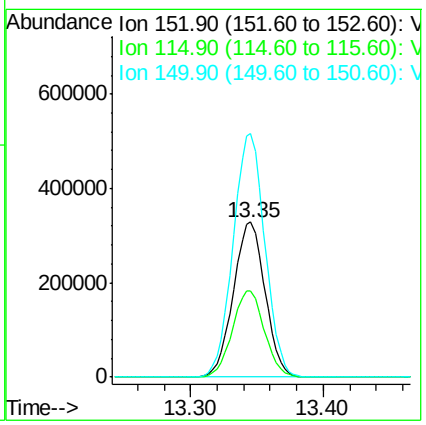


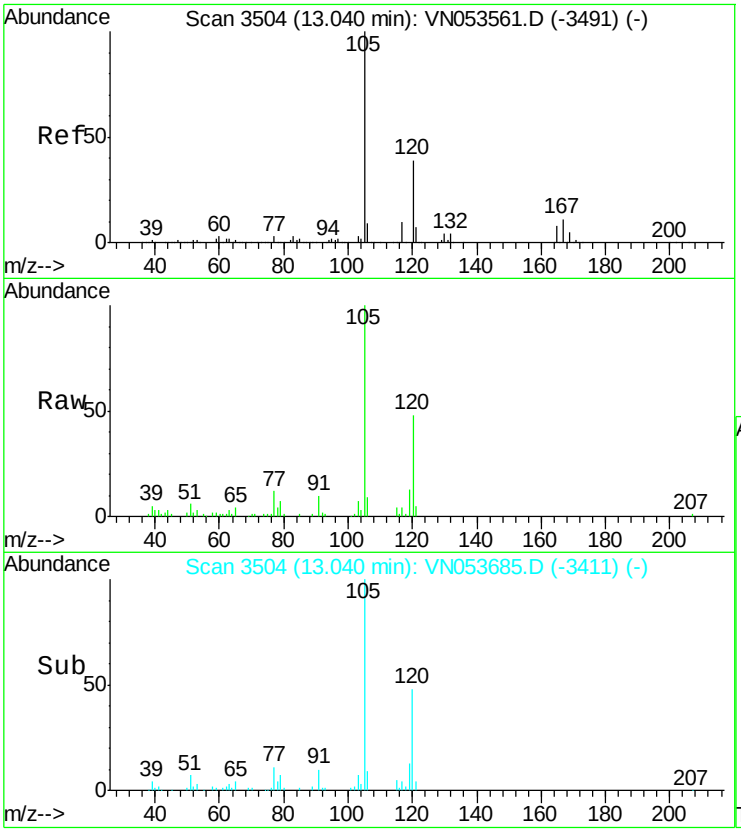


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053685.D
Acq: 8 Feb 2019 16:51

Tgt Ion:152 Resp: 544524

Ion	Ratio	Lower	Upper
152	100		
115	56.3	27.8	83.4
150	158.0	0.0	349.0



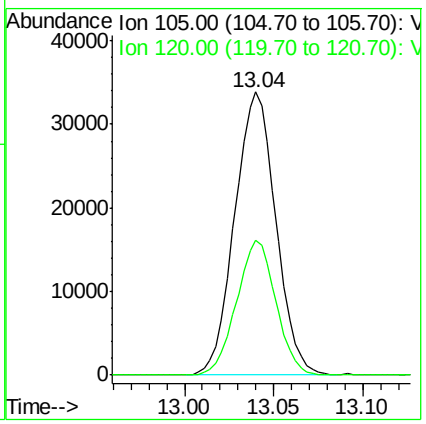


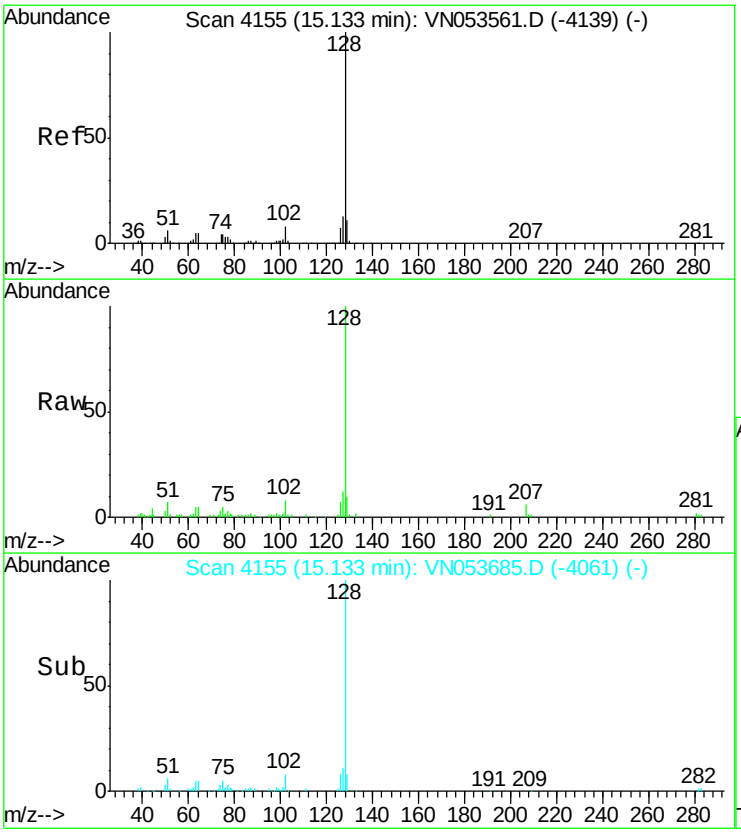
#84
1,2,4-Trimethylbenzene
Concen: 1.686 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN053685.D
Acq: 8 Feb 2019 16:51

Instrument :
MSVOA_N
ClientSampleId :
OR-03-020719-B

Tgt Ion:105 Resp: 54511

Ion	Ratio	Lower	Upper
105	100		
120	45.5	23.0	69.0





#95
Naphthalene
Concen: 4.176 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN053685.D
Acq: 8 Feb 2019 16:51

Tgt Ion:128 Resp: 60459

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.3	15.5
129	11.3	8.6	13.0