Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN040119\
Data File : VN054886.D
Acq On : 1 Apr 2019 20:20
Operator : JC/SP
Sample : K1695-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : SV-28399L

Quant Time: Apr 02 07:02:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032919W.M
Quant Title : SW846 8260
QLast Update : Sat Mar 30 00:48:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	518359	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	859549	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	724173	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	253594	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	341768	48.91	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.82%			
35) Dibromofluoromethane	7.59	113	275710	48.11	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.22%			
50) Toluene-d8	10.09	98	1022036	47.97	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.94%			
62) 4-Bromofluorobenzene	12.40	95	314567	44.40	ug/l	0.00
Spiked Amount 50.000			Recovery = 88.80%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.82	59	30486	83.737	ug/l #	88
16) Acetone	3.82	43	23183	13.913	ug/l #	79
25) 2-Butanone	6.85	43	33893	13.760	ug/l	92
29) Tetrahydrofuran	7.22	42	60598	35.422	ug/l #	84
73) Isopropylbenzene	12.25	105	15854	0.765	ug/l	96
95) Naphthalene	15.13	128	109142	11.941	ug/l	97

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

Quantitation Report (QT/LSC Reviewed)

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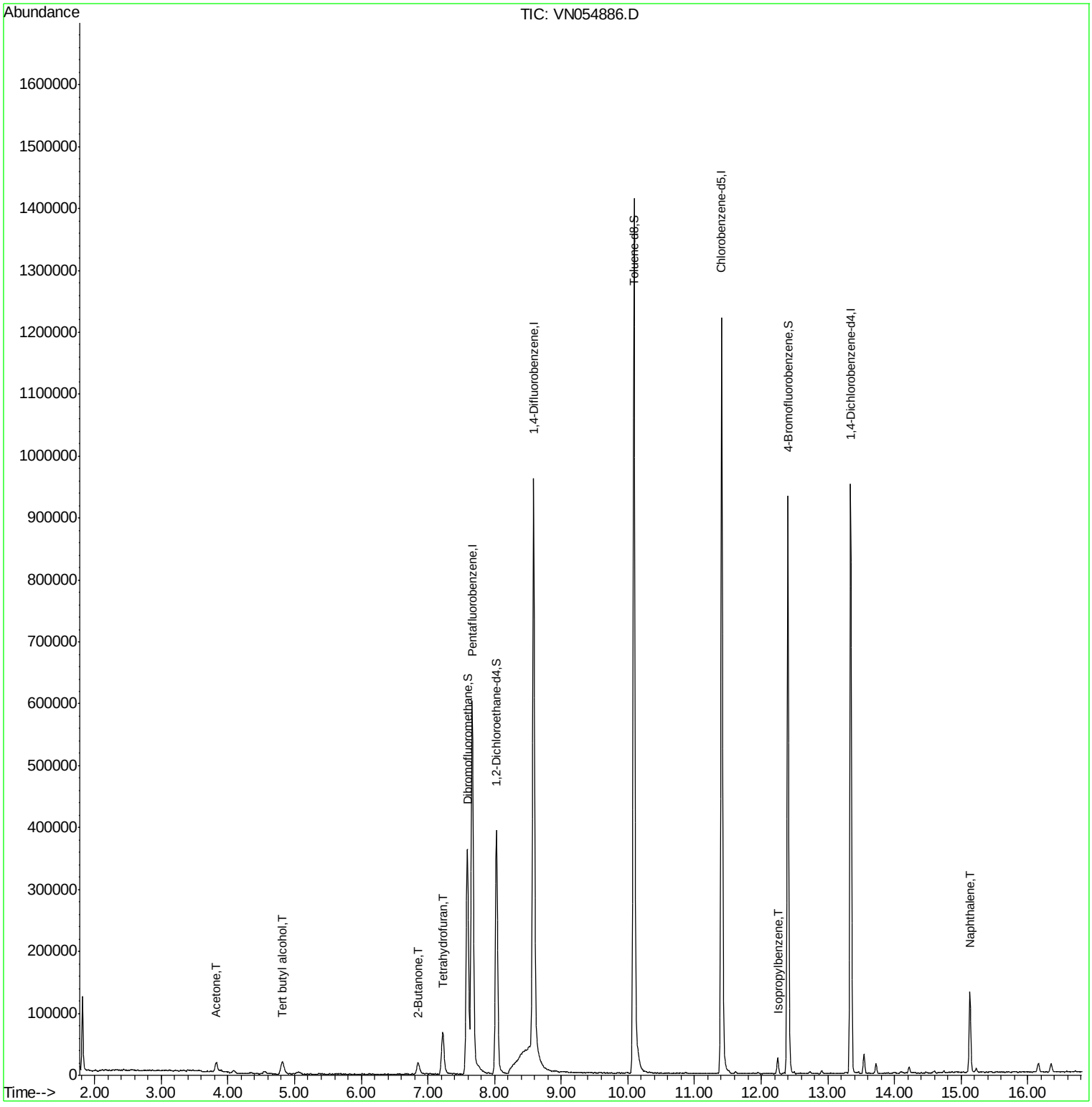
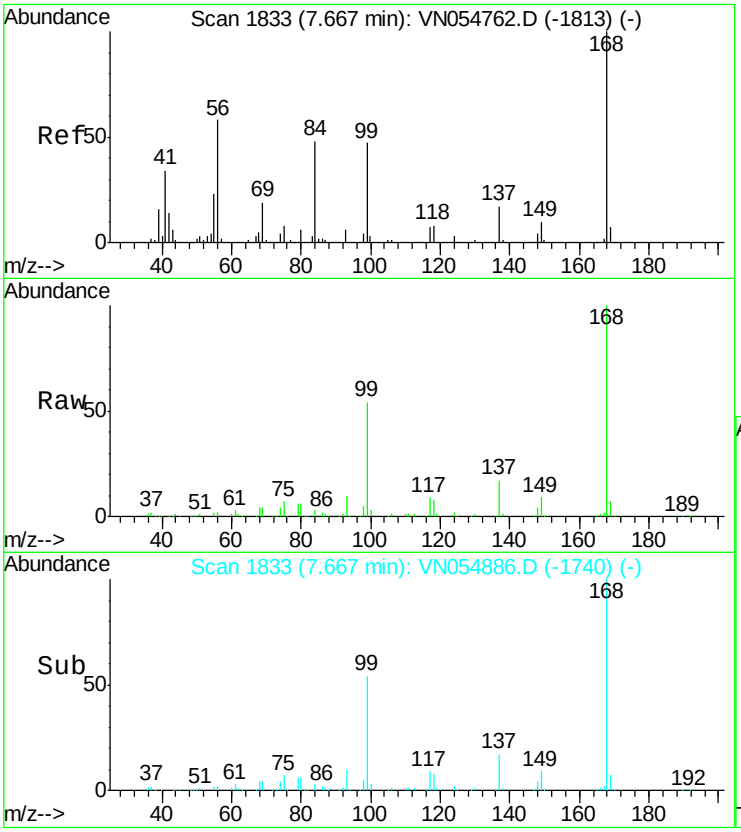


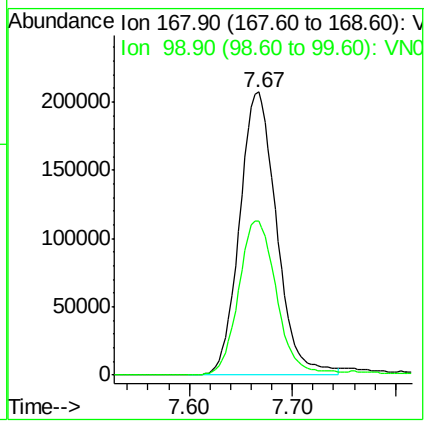


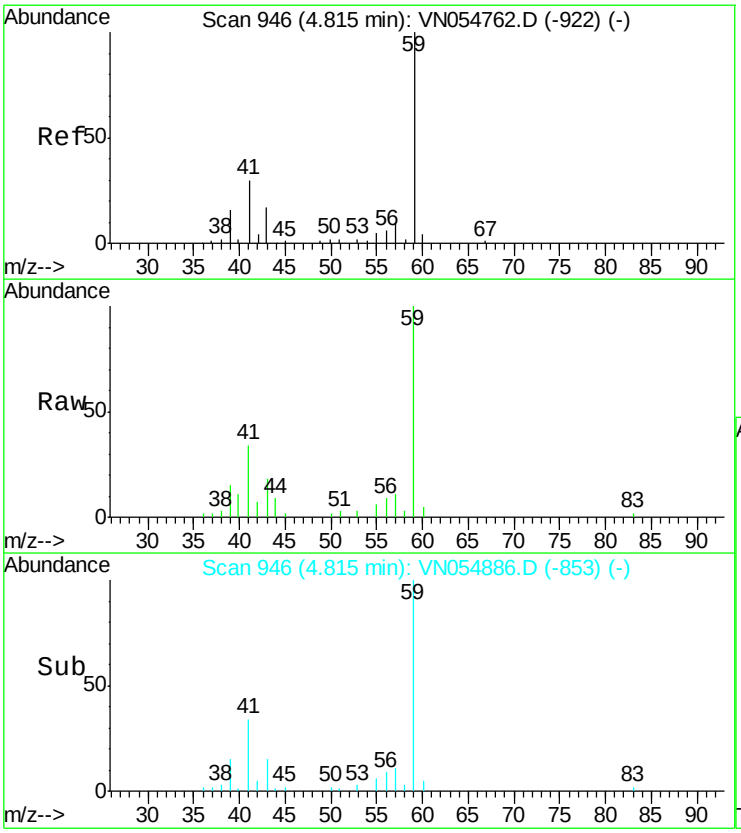
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VN054886.D
Acq: 1 Apr 2019 20:20

Instrument :
MSVOA_N
ClientSampleId :
SV-28399L

Tgt Ion:168 Resp: 518359

Ion	Ratio	Lower	Upper
168	100		
99	54.3	37.1	55.7

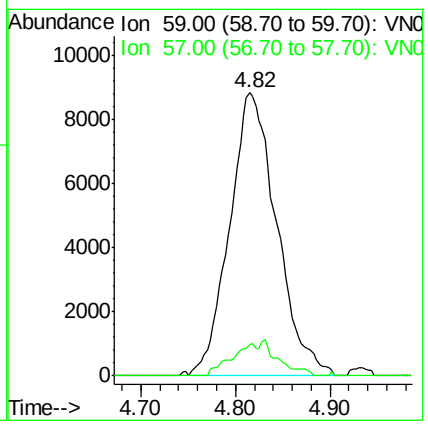


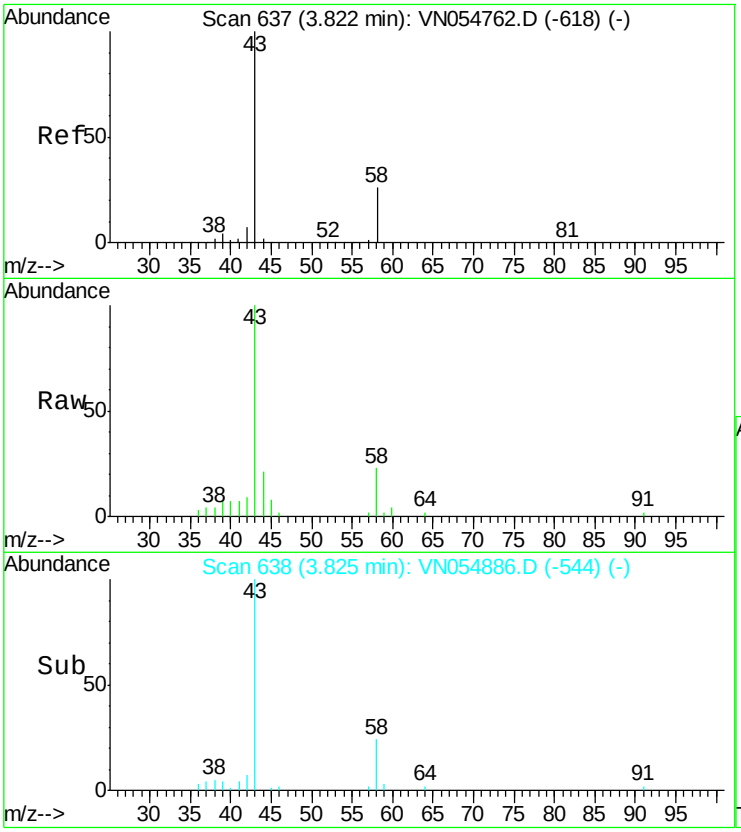


#11
Tert butyl alcohol
Concen: 83.737 ug/l
RT: 4.82 min Scan# 946
Delta R.T. -0.00 min
Lab File: VN054886.D
Acq: 1 Apr 2019 20:20

Tgt Ion: 59 Resp: 30486

Ion	Ratio	Lower	Upper
59	100		
57	6.6	9.0	13.6#



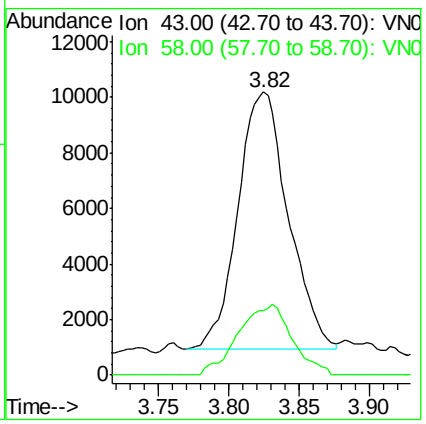


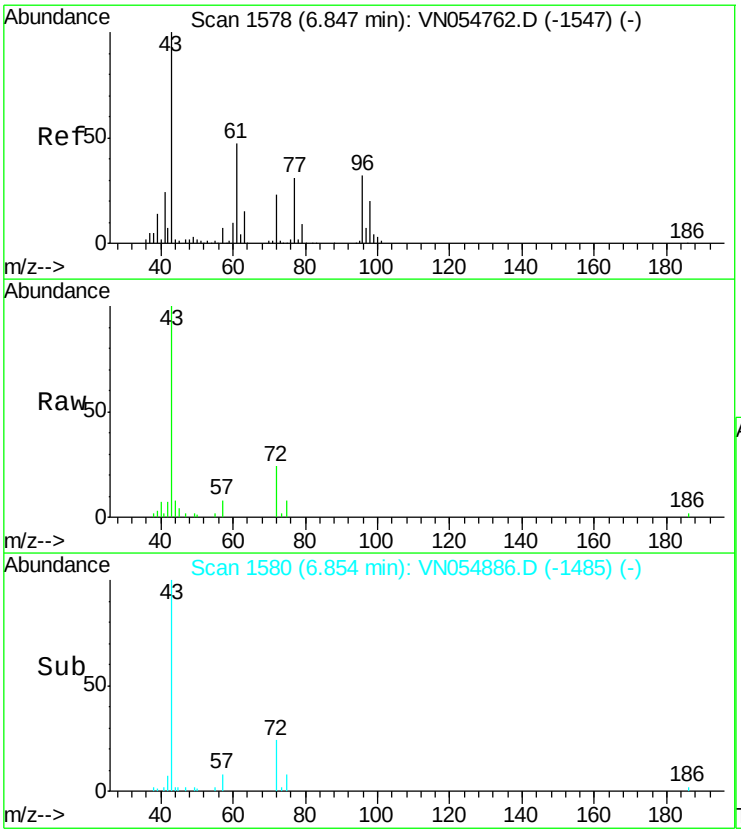
#16
Acetone
Concen: 13.913 ug/l
RT: 3.82 min Scan# 638
Delta R.T. 0.00 min
Lab File: VN054886.D
Acq: 1 Apr 2019 20:20

Instrument :
MSVOA_N
ClientSampleId :
SV-28399L

Tgt Ion: 43 Resp: 23183

Ion	Ratio	Lower	Upper
43	100		
58	25.0	29.9	44.9#

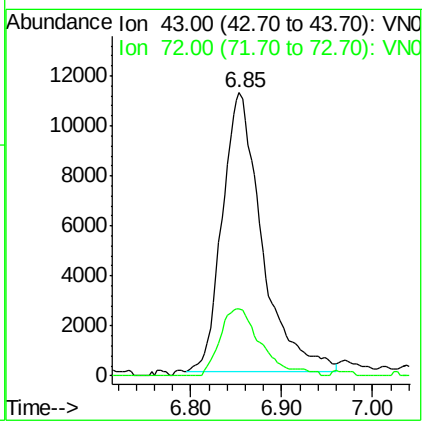


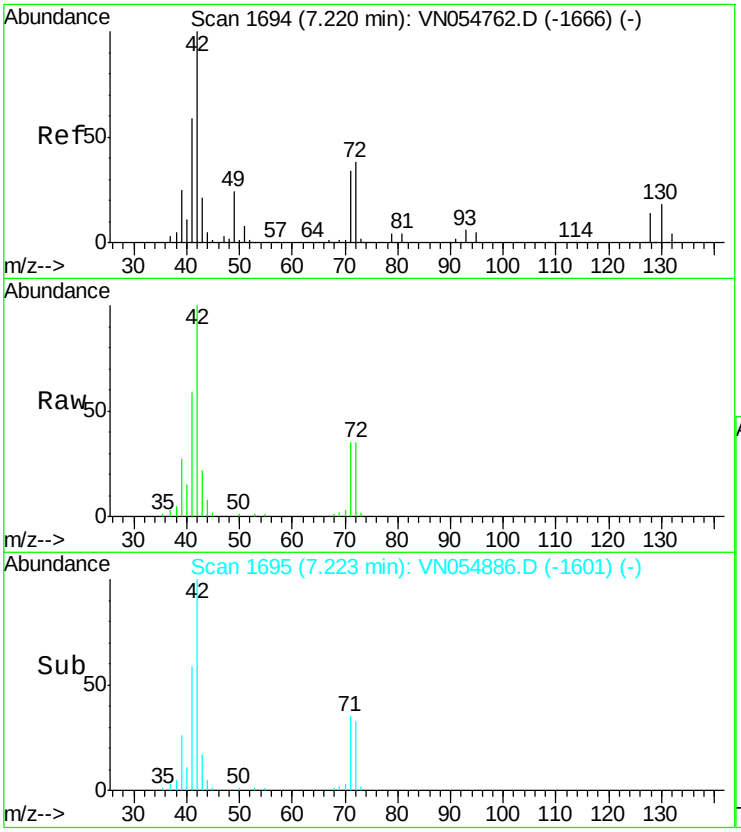


#25
2-Butanone
Concen: 13.760 ug/l
RT: 6.85 min Scan# 1580
Delta R.T. 0.01 min
Lab File: VN054886.D
Acq: 1 Apr 2019 20:20

Tgt Ion: 43 Resp: 33893

Ion	Ratio	Lower	Upper
43	100		
72	24.3	23.0	34.6



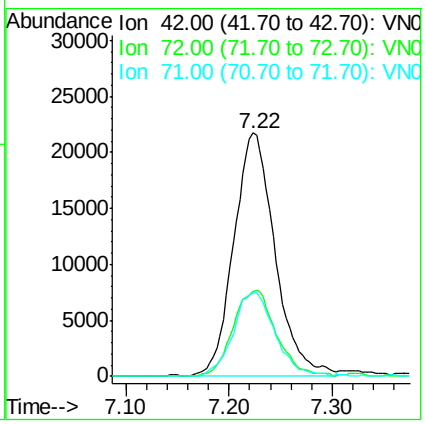


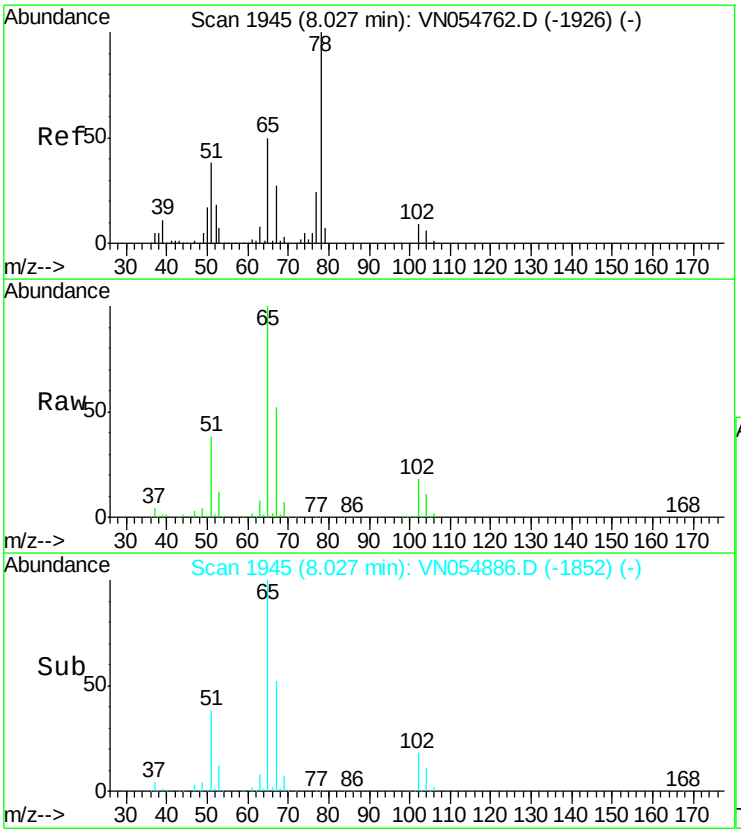
#29
Tetrahydrofuran
Concen: 35.422 ug/l
RT: 7.22 min Scan# 1695
Delta R.T. 0.00 min
Lab File: VN054886.D
Acq: 1 Apr 2019 20:20

Instrument : MSVOA_N
ClientSampleId : SV-28399L

Tgt Ion: 42 Resp: 60598

Ion	Ratio	Lower	Upper
42	100		
72	36.6	37.8	56.6#
71	34.9	36.2	54.2#

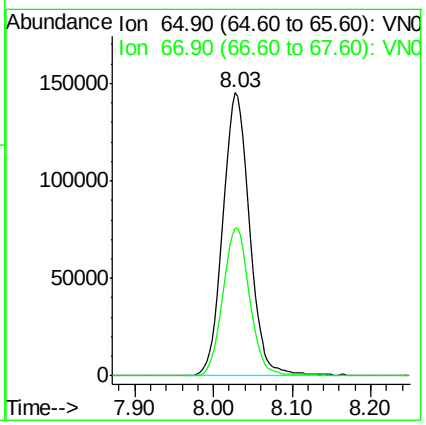


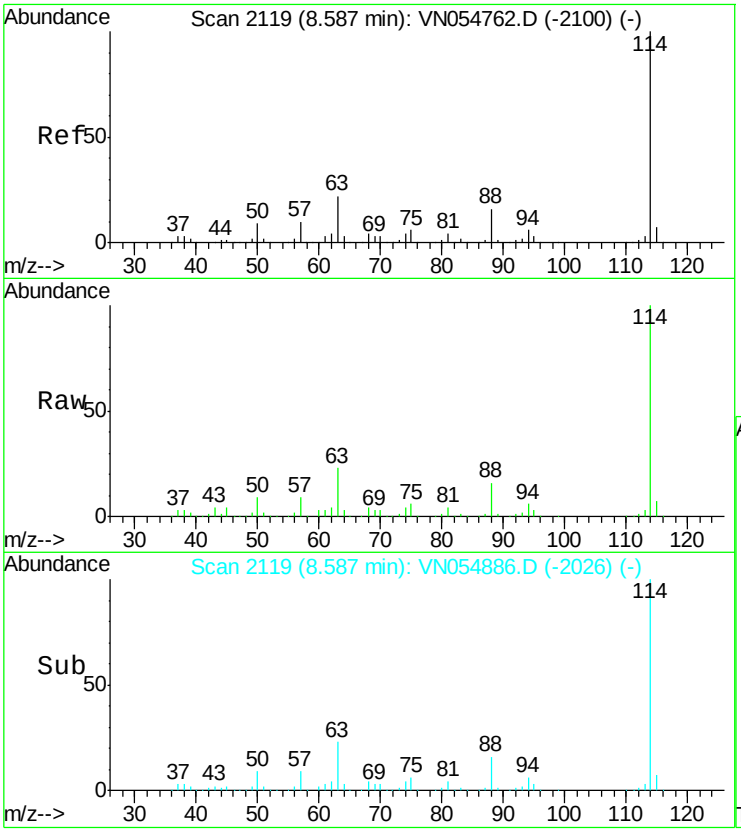


#33
1,2-Dichloroethane-d4
Concen: 48.911 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN054886.D
Acq: 1 Apr 2019 20:20

Tgt Ion: 65 Resp: 341768

Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	104.6



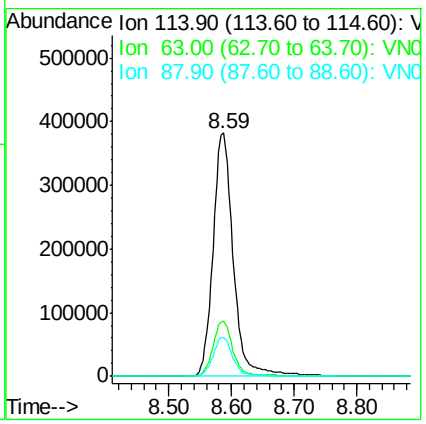


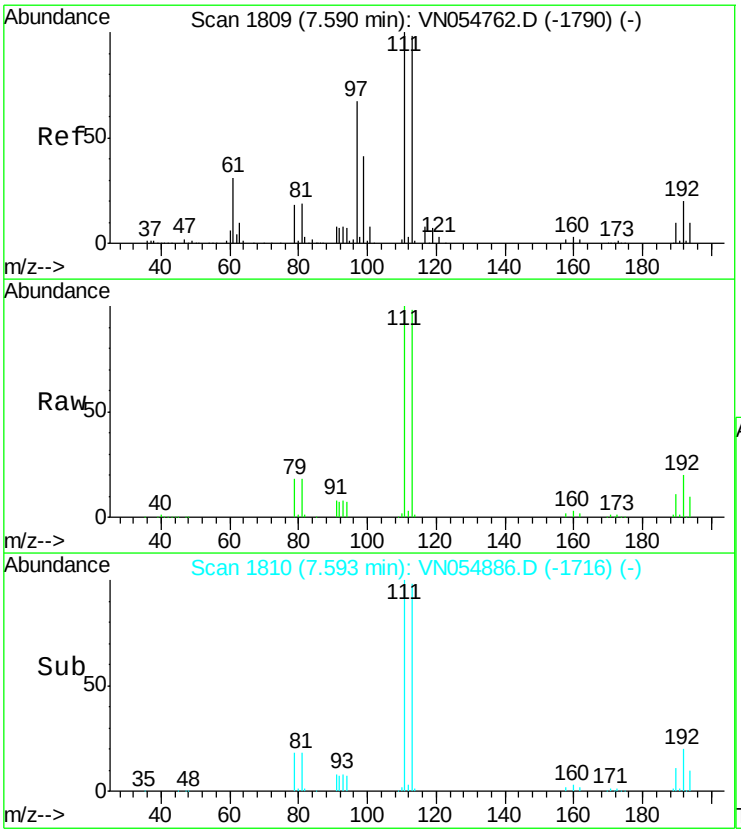
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VN054886.D
Acq: 1 Apr 2019 20:20

Instrument :
MSVOA_N
ClientSampleId :
SV-28399L

Tgt Ion:114 Resp: 859549

Ion	Ratio	Lower	Upper
114	100		
63	22.6	0.0	35.2
88	16.2	0.0	30.2

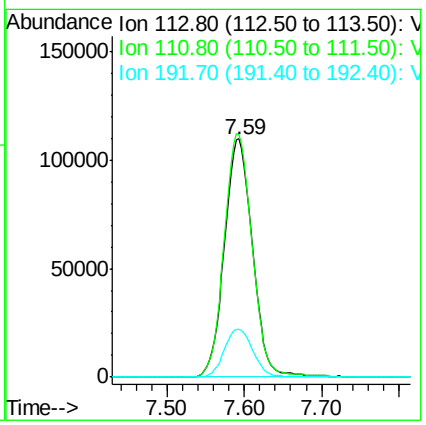


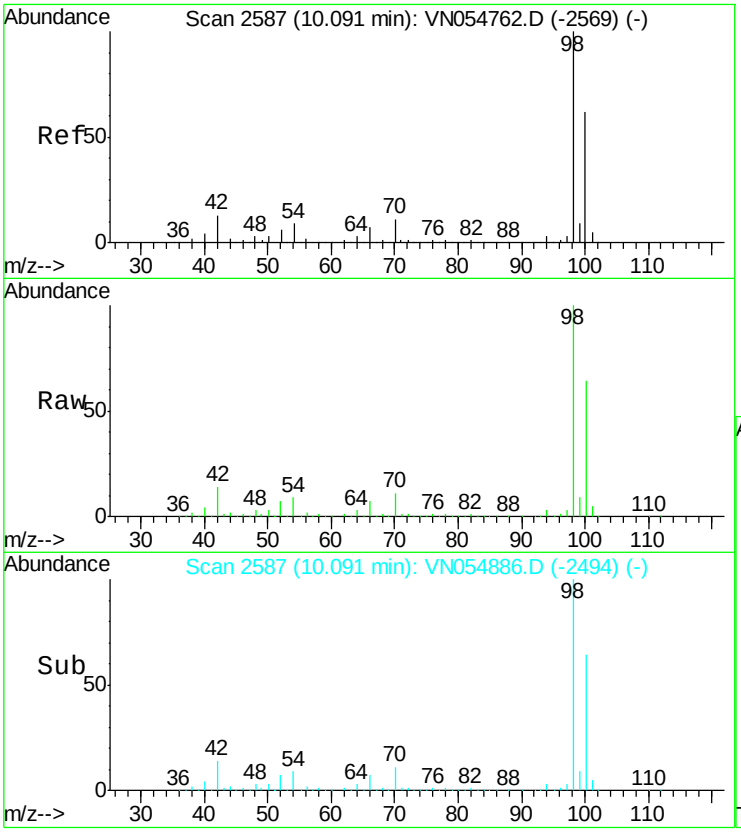


#35
Dibromofluoromethane
Concen: 48.112 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN054886.D
Acq: 1 Apr 2019 20:20

Tgt Ion:113 Resp: 275710

Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.2	123.4
192	20.4	19.2	28.8



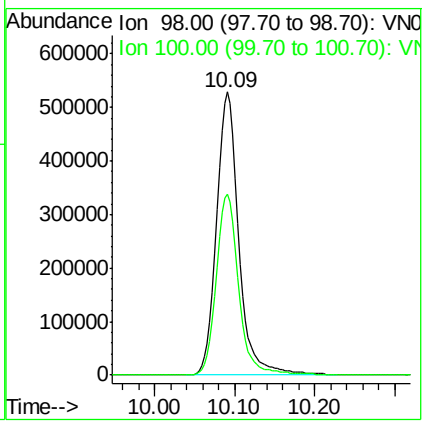


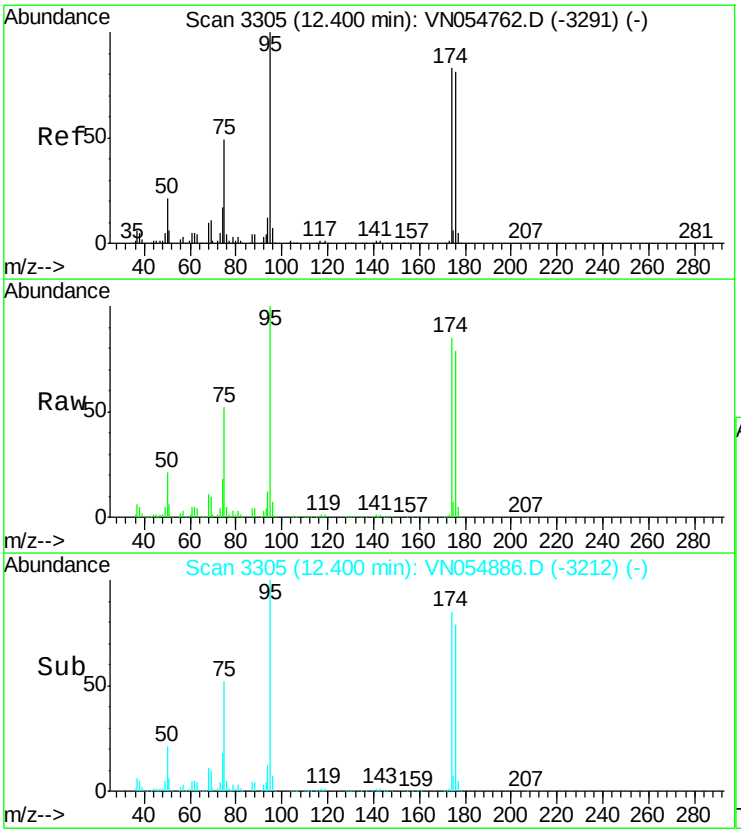
#50
Toluene-d8
Concen: 47.972 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN054886.D
Acq: 1 Apr 2019 20:20

Instrument : MSVOA_N
ClientSampleId : SV-28399L

Tgt Ion: 98 Resp: 1022036

Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.2	76.8

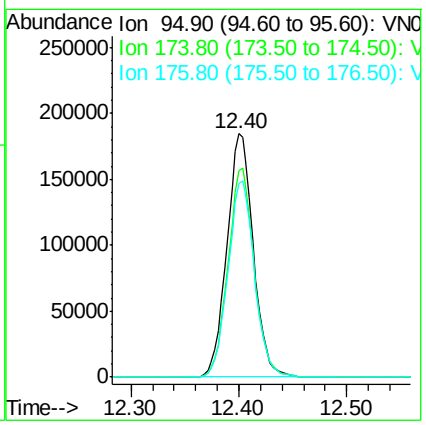


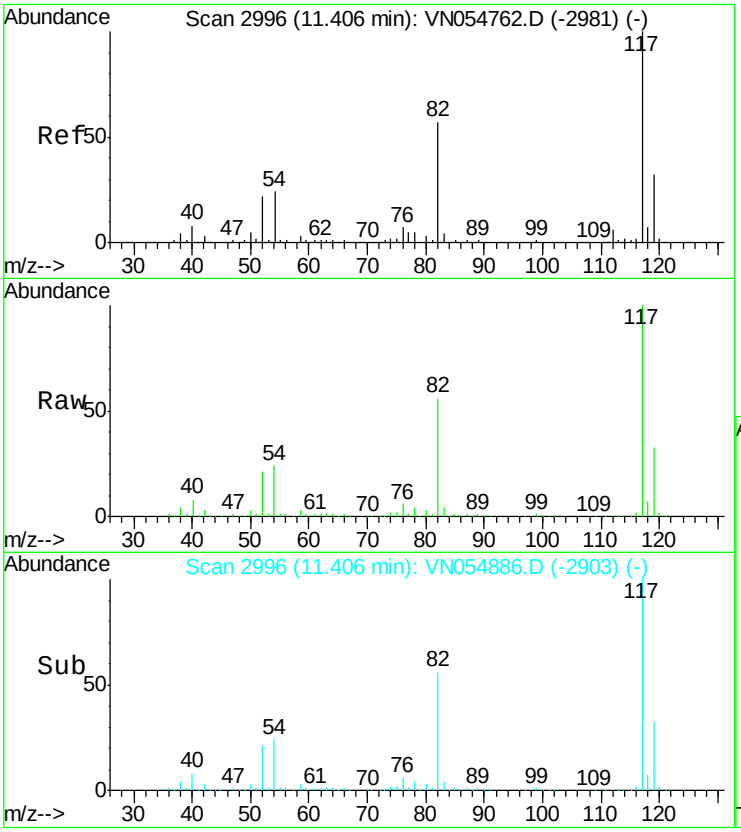


#62
4-Bromofluorobenzene
Concen: 44.396 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN054886.D
Acq: 1 Apr 2019 20:20

Tgt Ion: 95 Resp: 314567

Ion	Ratio	Lower	Upper
95	100		
174	85.2	0.0	191.0
176	81.1	0.0	187.4



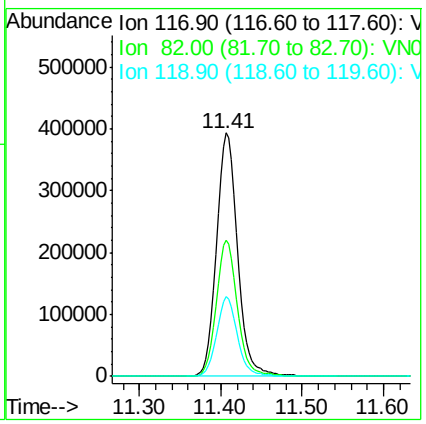


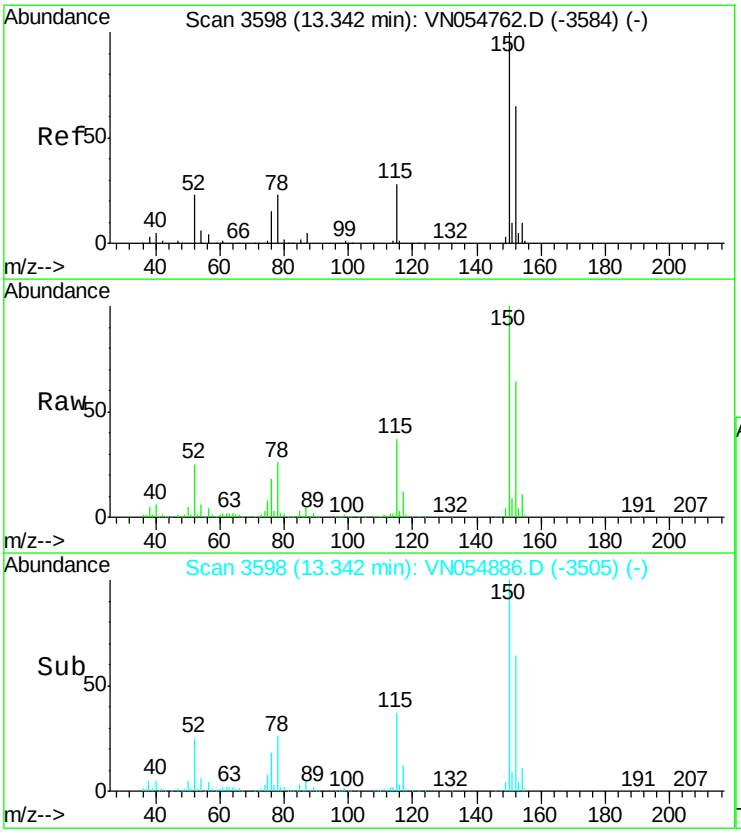
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN054886.D
Acq: 1 Apr 2019 20:20

Instrument :
MSVOA_N
ClientSampleId :
SV-28399L

Tgt Ion:117 Resp: 724173

Ion	Ratio	Lower	Upper
117	100		
82	56.0	40.0	60.0
119	32.6	25.8	38.6

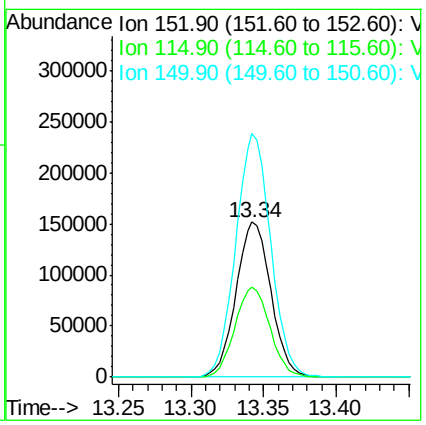


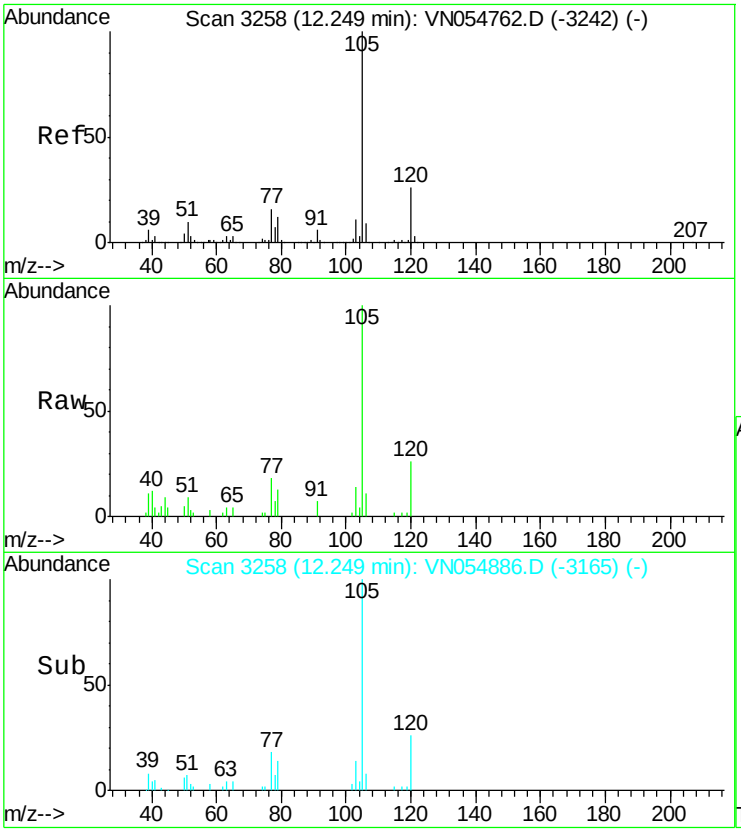


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN054886.D
Acq: 1 Apr 2019 20:20

Tgt Ion:152 Resp: 253594

Ion	Ratio	Lower	Upper
152	100		
115	58.5	27.2	81.6
150	157.6	0.0	349.2



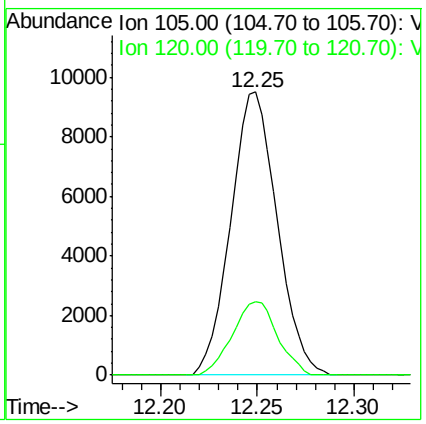


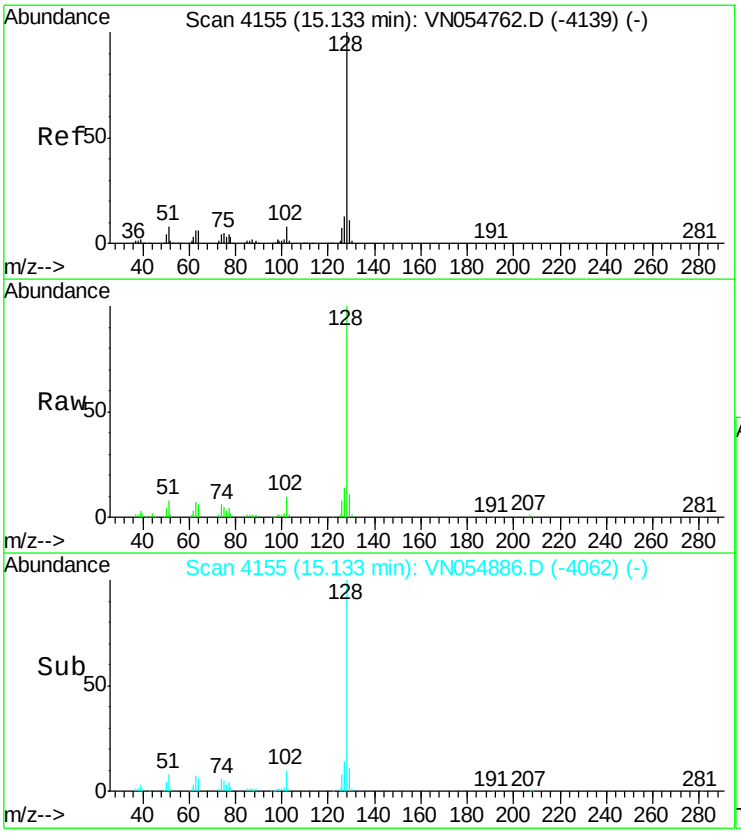
#73
Isopropylbenzene
Concen: 0.765 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. -0.00 min
Lab File: VN054886.D
Acq: 1 Apr 2019 20:20

Instrument :
MSVOA_N
ClientSampleId :
SV-28399L

Tgt Ion:105 Resp: 15854

Ion	Ratio	Lower	Upper
105	100		
120	25.2	13.8	41.3





#95
Naphthalene
Concen: 11.941 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. -0.00 min
Lab File: VN054886.D
Acq: 1 Apr 2019 20:20

Tgt Ion:128 Resp: 109142

Ion	Ratio	Lower	Upper
128	100		
127	13.9	10.1	15.1
129	11.5	8.7	13.1