Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN032019\
Data File : VN054490.D
Acq On : 21 Mar 2019 4:22
Operator : JC/SP
Sample : K1688-34
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : JC-02-031919-G

Quant Time: Mar 22 07:00:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 20 14:42:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	715008	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1086912	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	903856	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	325780	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	423813	47.65	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.30%			
35) Dibromofluoromethane	7.59	113	340299	48.60	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.20%			
50) Toluene-d8	10.09	98	1276172	48.48	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.96%			
62) 4-Bromofluorobenzene	12.40	95	393015	43.87	ug/l	0.00
Spiked Amount 50.000			Recovery = 87.74%			
Target Compounds						Qvalue
8) Diethyl Ether	3.42	74	5096	1.169	ug/l	75
20) Methylene Chloride	4.54	84	37741	4.788	ug/l	90
43) Isopropyl Acetate	8.17	43	18921	1.550	ug/l	97

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

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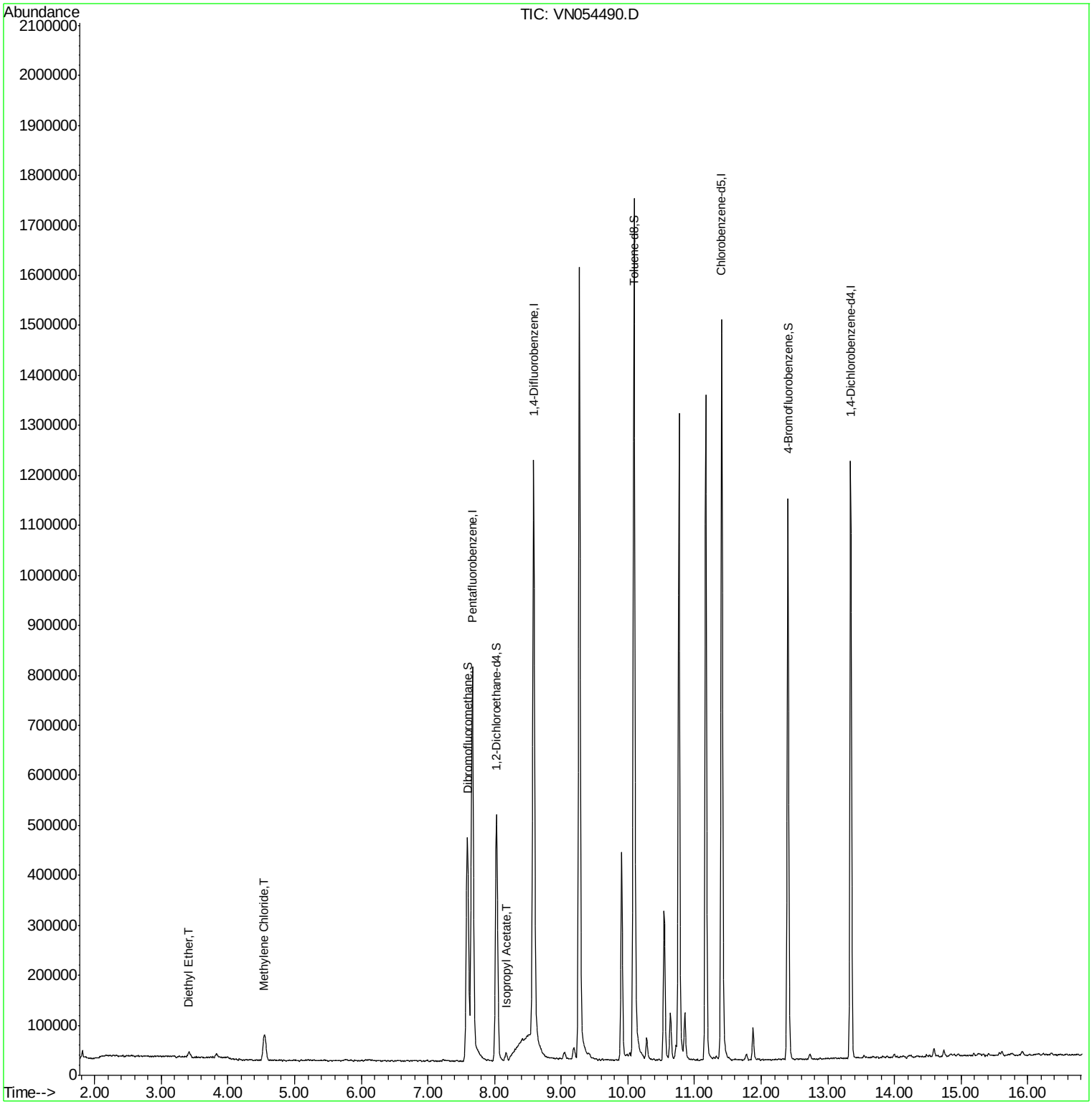
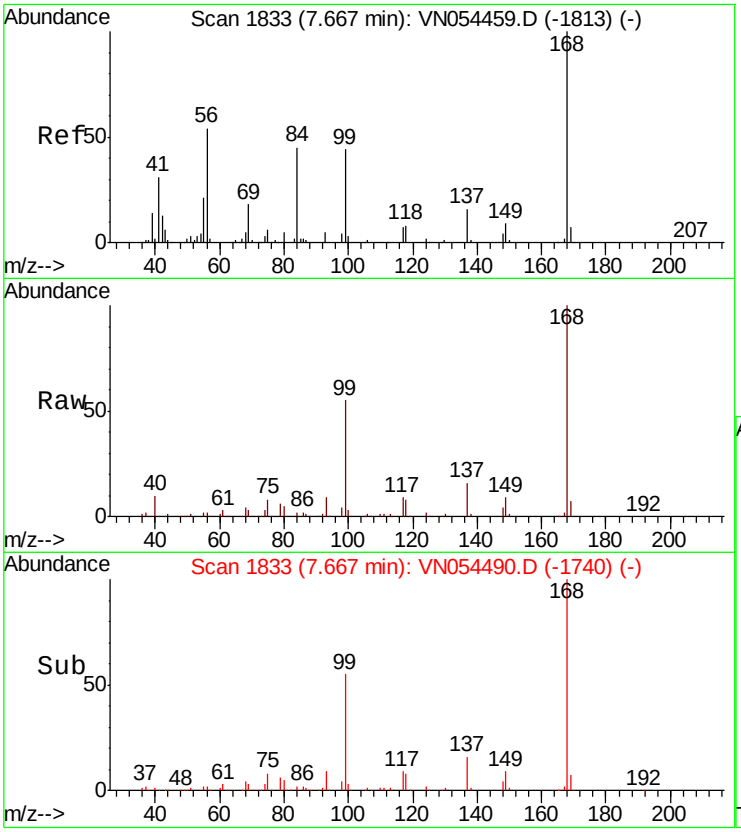


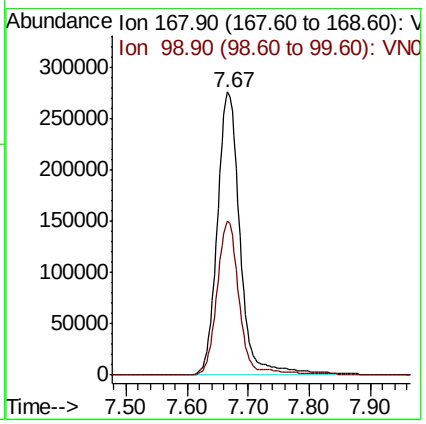


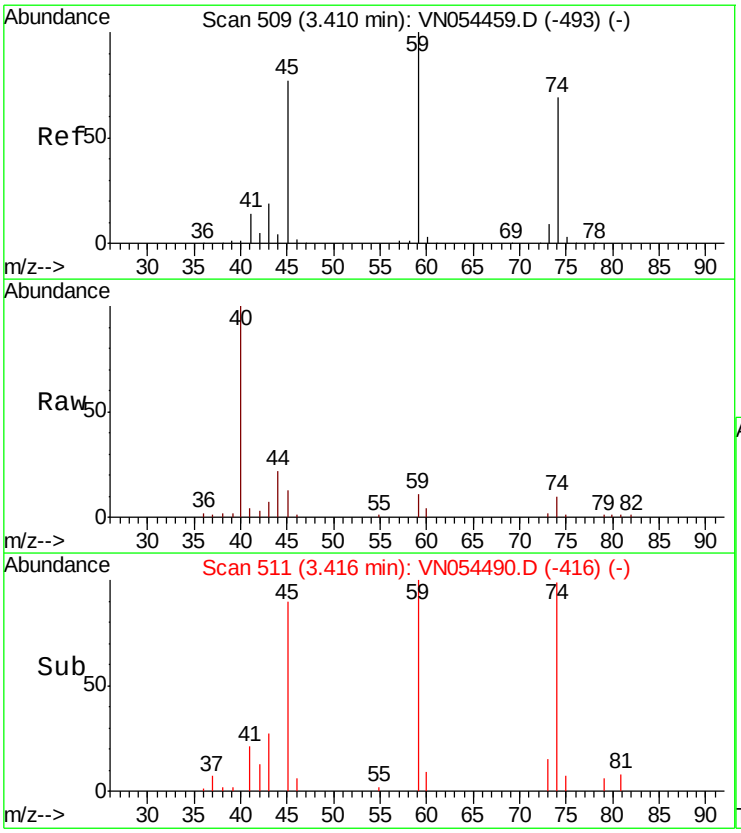
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VN054490.D
Acq: 21 Mar 2019 4:22

Instrument :
MSVOA_N
ClientSampleId :
JC-02-031919-G

Tgt Ion:168 Resp: 715008

Ion	Ratio	Lower	Upper
168	100		
99	54.6	37.1	55.7

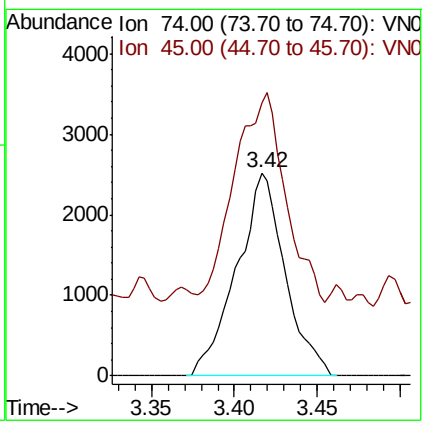


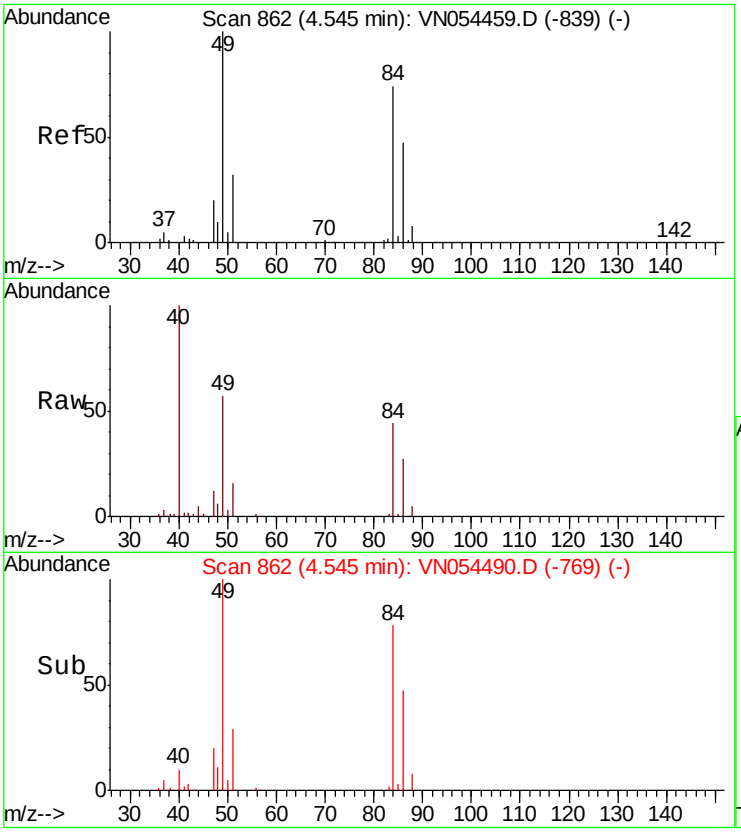


#8
Diethyl Ether
Concen: 1.169 ug/l
RT: 3.42 min Scan# 511
Delta R.T. 0.01 min
Lab File: VN054490.D
Acq: 21 Mar 2019 4:22

Tgt Ion: 74 Resp: 5096

Ion	Ratio	Lower	Upper
74	100		
45	109.6	43.1	129.4



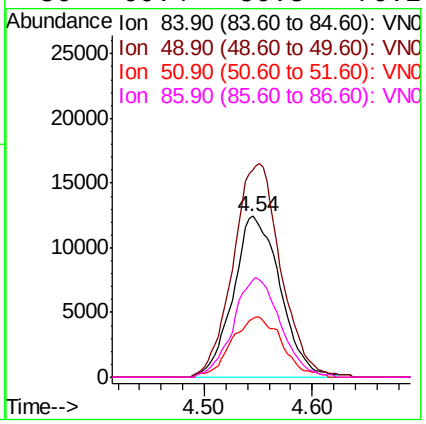


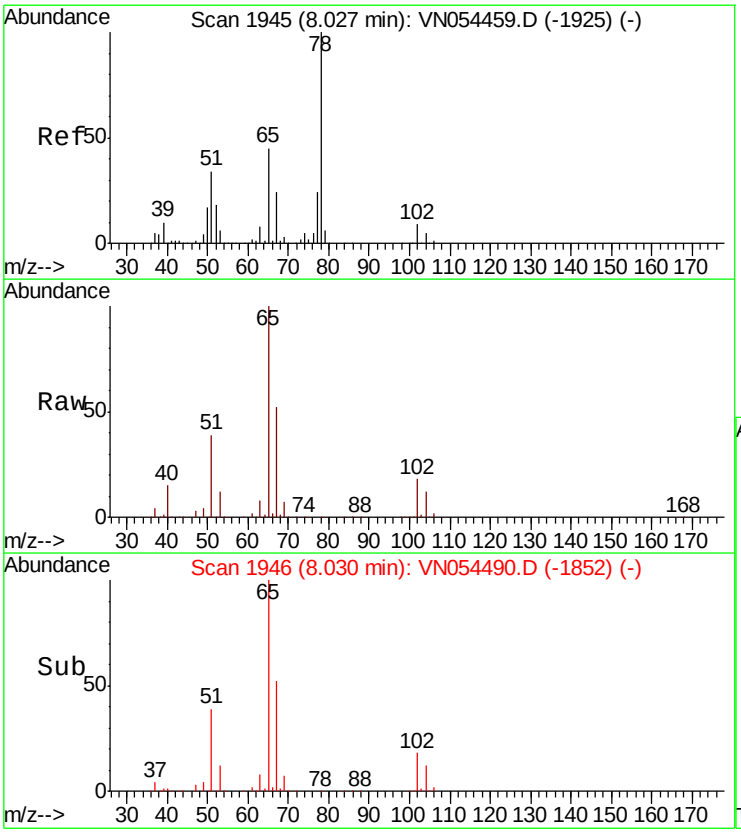
#20
Methylene Chloride
Concen: 4.788 ug/l
RT: 4.54 min Scan# 862
Delta R.T. -0.00 min
Lab File: VN054490.D
Acq: 21 Mar 2019 4:22

Instrument : MSVOA_N
ClientSampleId : JC-02-031919-G

Tgt Ion: 84 Resp: 37741

Ion	Ratio	Lower	Upper
84	100		
49	128.6	89.7	134.5
51	36.7	28.2	42.4
86	60.4	50.8	76.2

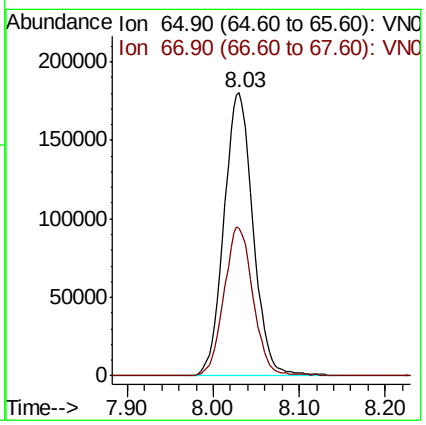


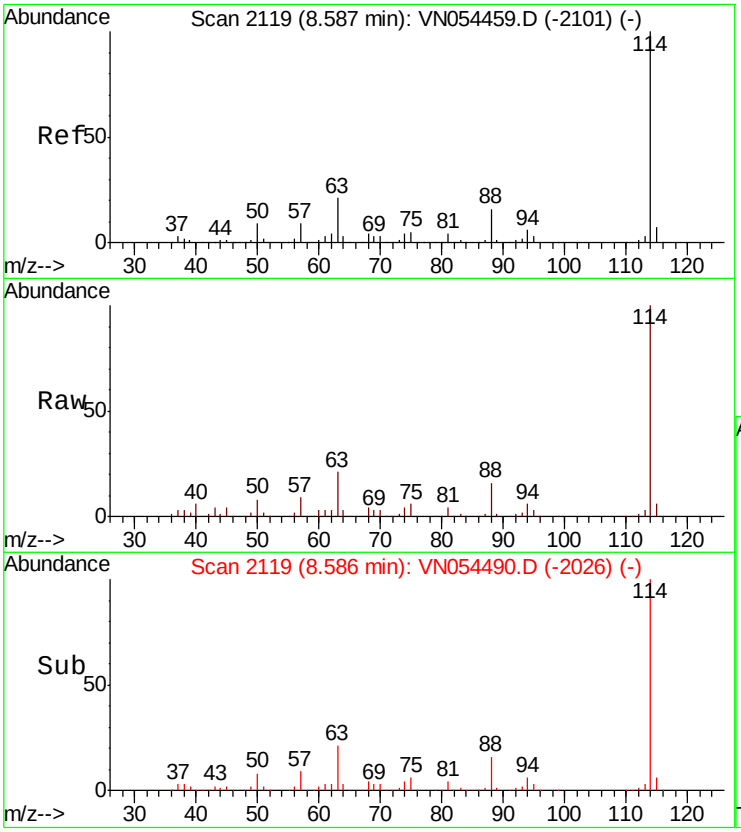


#33
1,2-Dichloroethane-d4
Concen: 47.654 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN054490.D
Acq: 21 Mar 2019 4:22

Tgt Ion: 65 Resp: 423813

Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	104.6



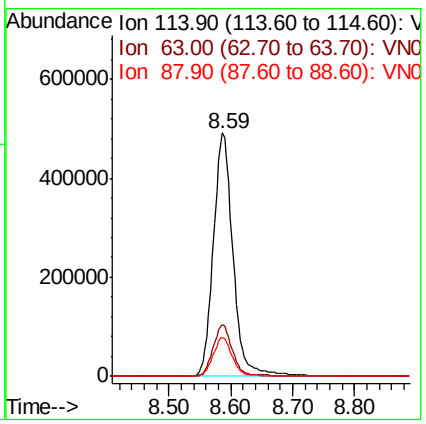


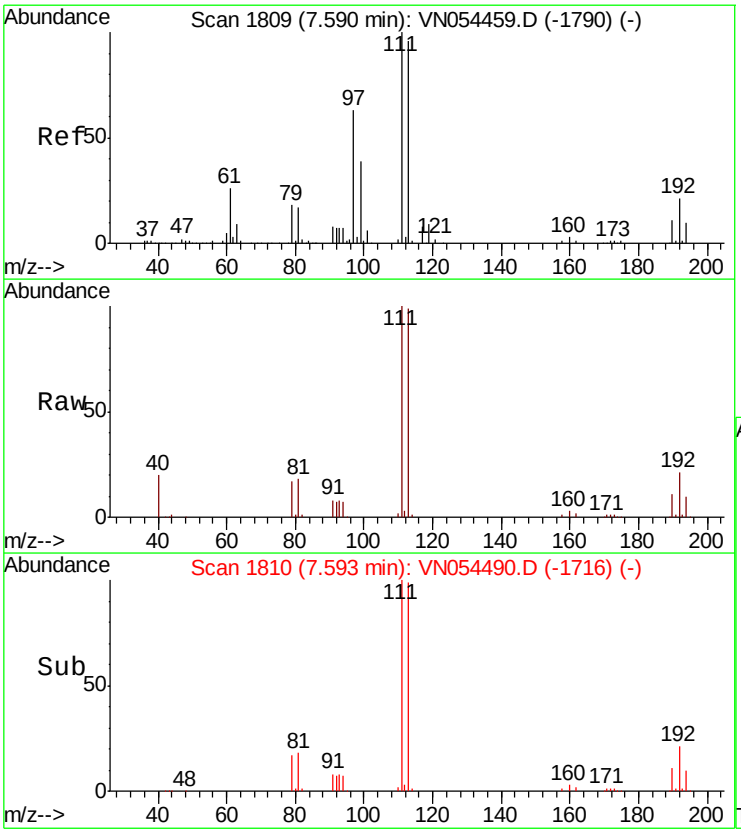
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VN054490.D
Acq: 21 Mar 2019 4:22

Instrument : MSVOA_N
ClientSampleId : JC-02-031919-G

Tgt Ion:114 Resp: 1086912

Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	35.2
88	16.2	0.0	30.2

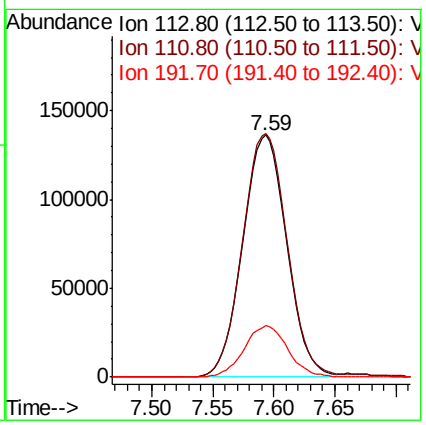


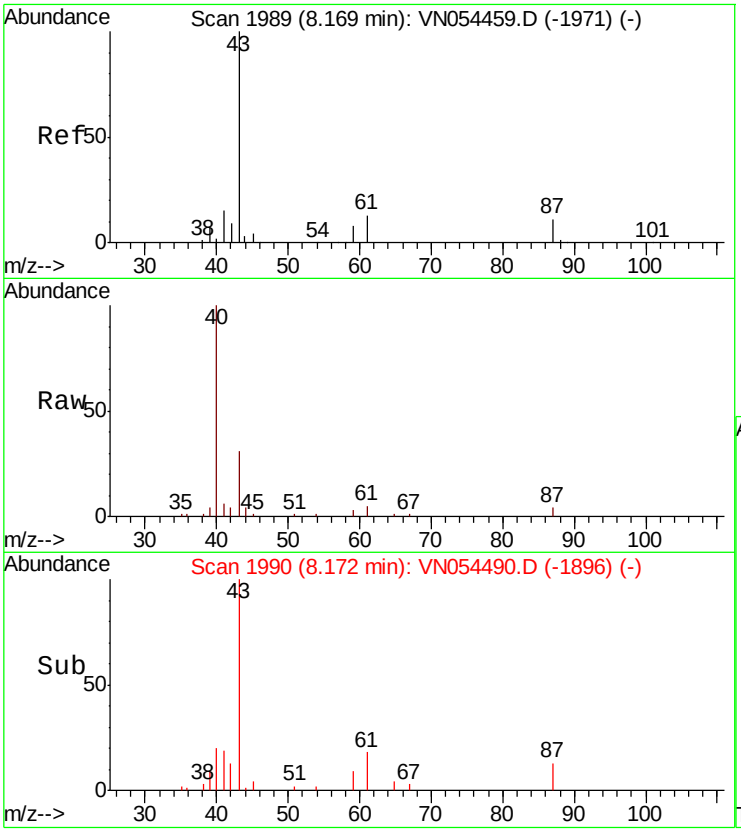


#35
Dibromofluoromethane
Concen: 48.597 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN054490.D
Acq: 21 Mar 2019 4:22

Tgt Ion:113 Resp: 340299

Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.2	123.4
192	21.4	19.2	28.8



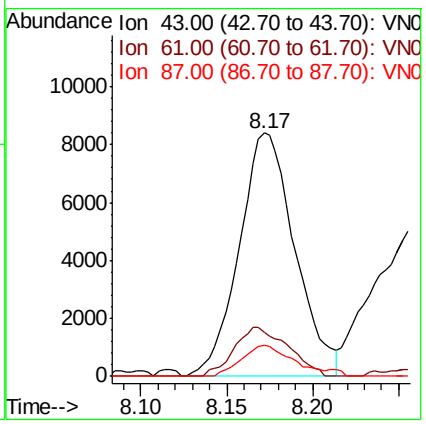


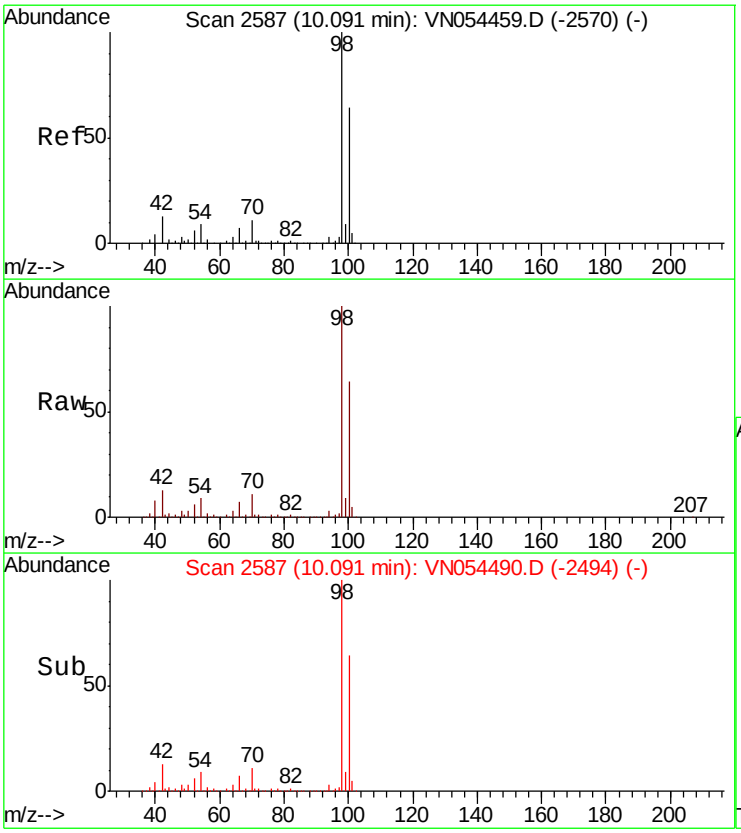
#43
Isopropyl Acetate
Concen: 1.550 ug/l
RT: 8.17 min Scan# 1990
Delta R.T. 0.00 min
Lab File: VN054490.D
Acq: 21 Mar 2019 4:22

Instrument : MSVOA_N
ClientSampleId : JC-02-031919-G

Tgt Ion: 43 Resp: 18921

Ion	Ratio	Lower	Upper
43	100		
61	19.5	15.8	23.8
87	12.3	12.0	18.0

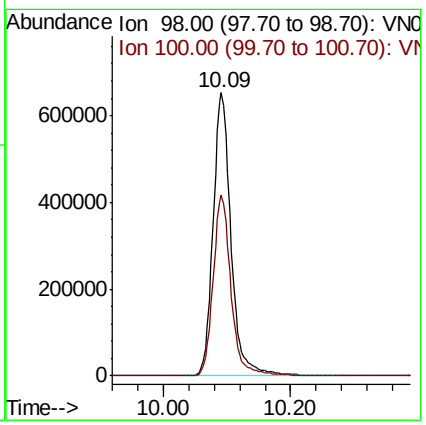


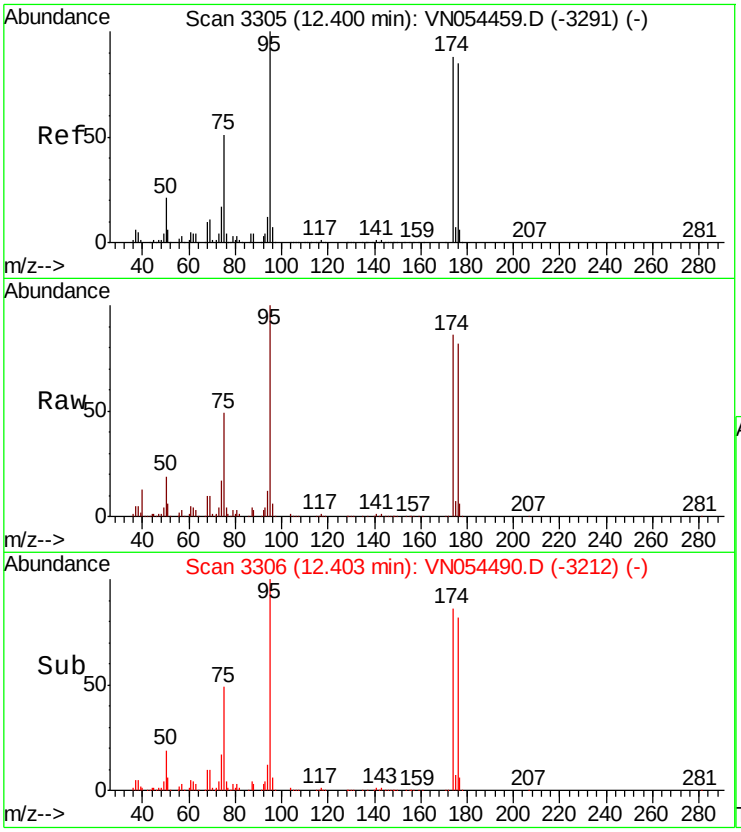


#50
Toluene-d8
Concen: 48.478 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN054490.D
Acq: 21 Mar 2019 4:22

Tgt Ion: 98 Resp: 1276172

Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.2	76.8



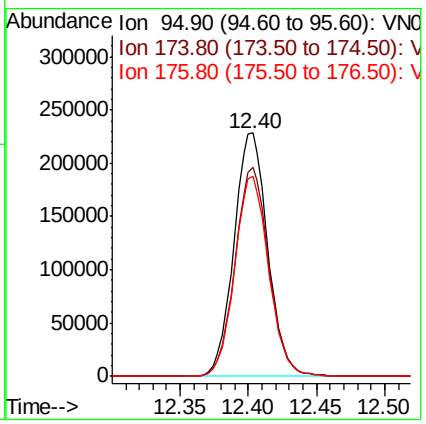


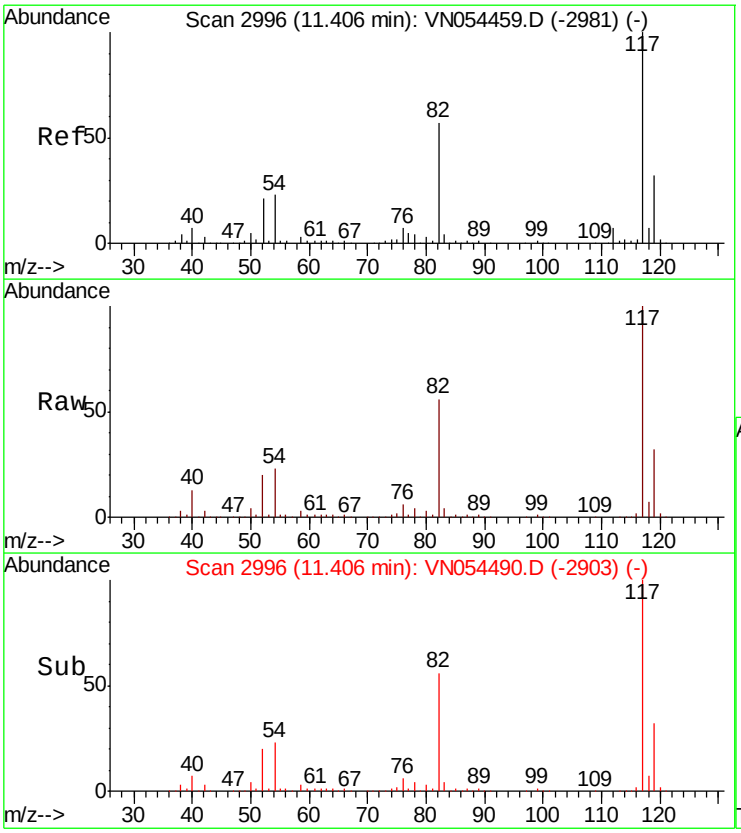
#62
4-Bromofluorobenzene
Concen: 43.874 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN054490.D
Acq: 21 Mar 2019 4:22

Instrument : MSVOA_N
ClientSampleId : JC-02-031919-G

Tgt Ion: 95 Resp: 393015

Ion	Ratio	Lower	Upper
95	100		
174	85.5	0.0	191.0
176	82.5	0.0	187.4

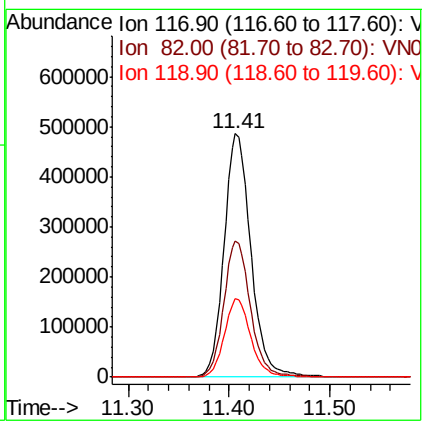


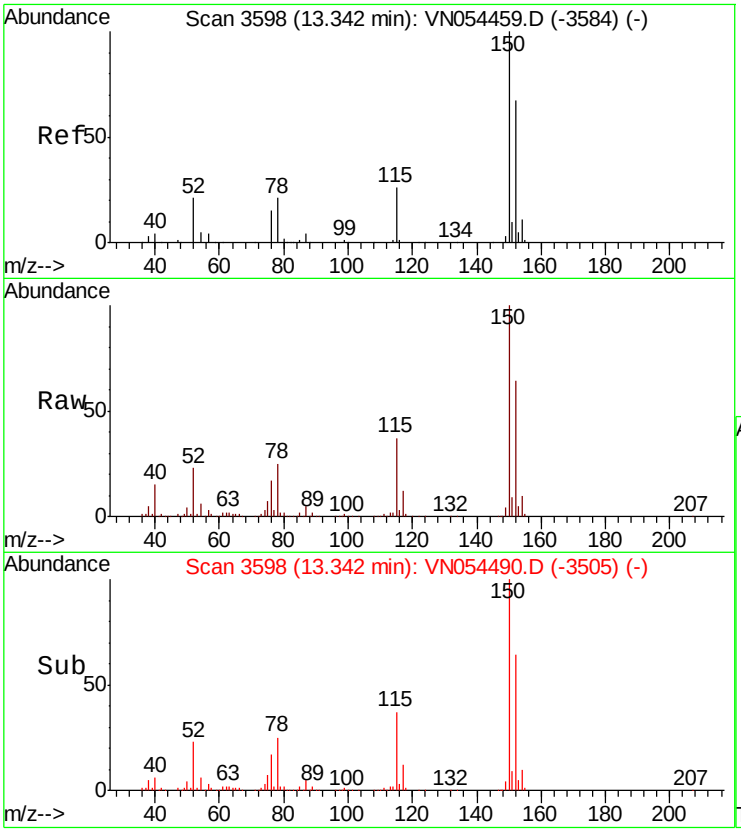


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN054490.D
Acq: 21 Mar 2019 4:22

Tgt Ion:117 Resp: 903856

Ion	Ratio	Lower	Upper
117	100		
82	56.1	40.0	60.0
119	32.0	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: VN054490.D
Acq: 21 Mar 2019 4:22

Instrument :
MSVOA_N
ClientSampleId :
JC-02-031919-G

Tgt Ion:152 Resp: 325780

Ion	Ratio	Lower	Upper
152	100		
115	57.7	27.2	81.6
150	156.3	0.0	349.2