Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN051019\
Data File : VN055563.D
Acq On : 10 May 2019 19:54
Operator : JC/SP
Sample : K2647-08
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : SU-02-050919-B

Quant Time: May 11 02:15:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N050819W.M
Quant Title : SW846 8260
QLast Update : Fri May 10 06:48:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	862445	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1454464	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1233662	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	385077	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	593351	45.69	ug/l	0.00
Spiked Amount 50.000			Recovery = 91.38%			
35) Dibromofluoromethane	7.59	113	457868	48.80	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.60%			
50) Toluene-d8	10.09	98	1796296	49.13	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.26%			
62) 4-Bromofluorobenzene	12.40	95	524759	42.57	ug/l	0.00
Spiked Amount 50.000			Recovery = 85.14%			
Target Compounds						Qvalue
16) Acetone	3.82	43	88518	14.722	ug/l	94
20) Methylene Chloride	4.55	84	434355	35.328	ug/l	99
43) Isopropyl Acetate	8.17	43	38137	1.606	ug/l	99
67) Ethyl Benzene	11.51	91	62248	1.306	ug/l	96
68) m/p-Xylenes	11.62	106	100771	5.891	ug/l	99
69) o-Xylene	11.95	106	43910	2.611	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	63270	2.054	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	254064	8.995	ug/l	100
95) Naphthalene	15.13	128	41392	5.364	ug/l	98

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

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SU-02-050919-B

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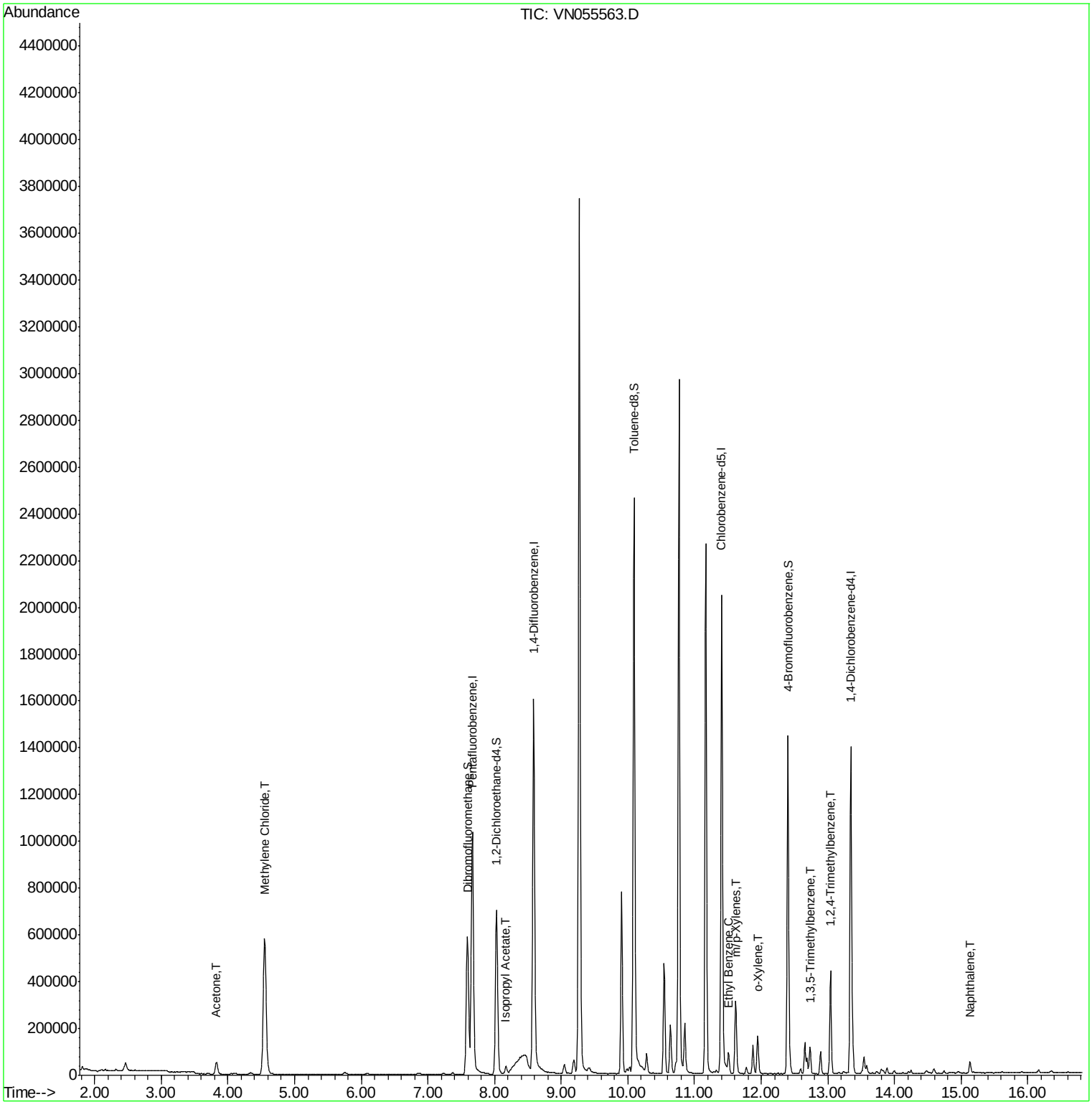
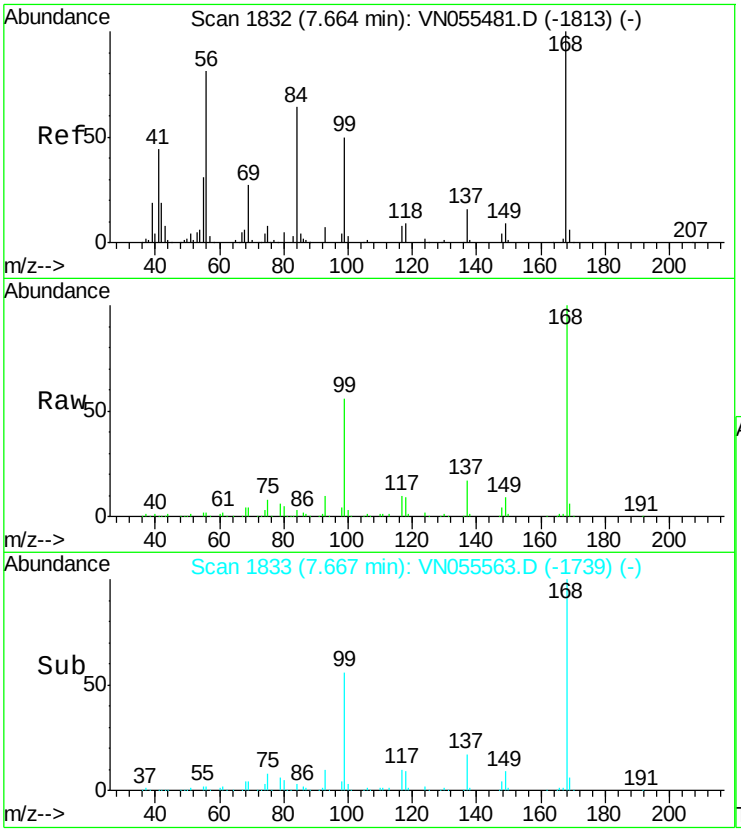


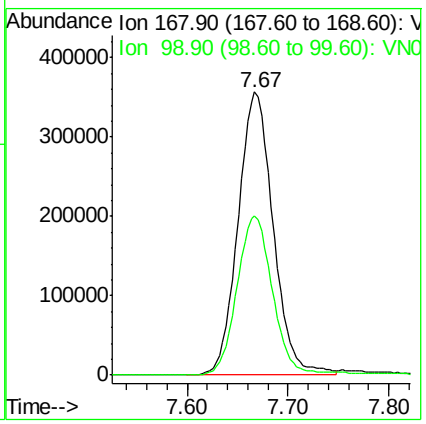


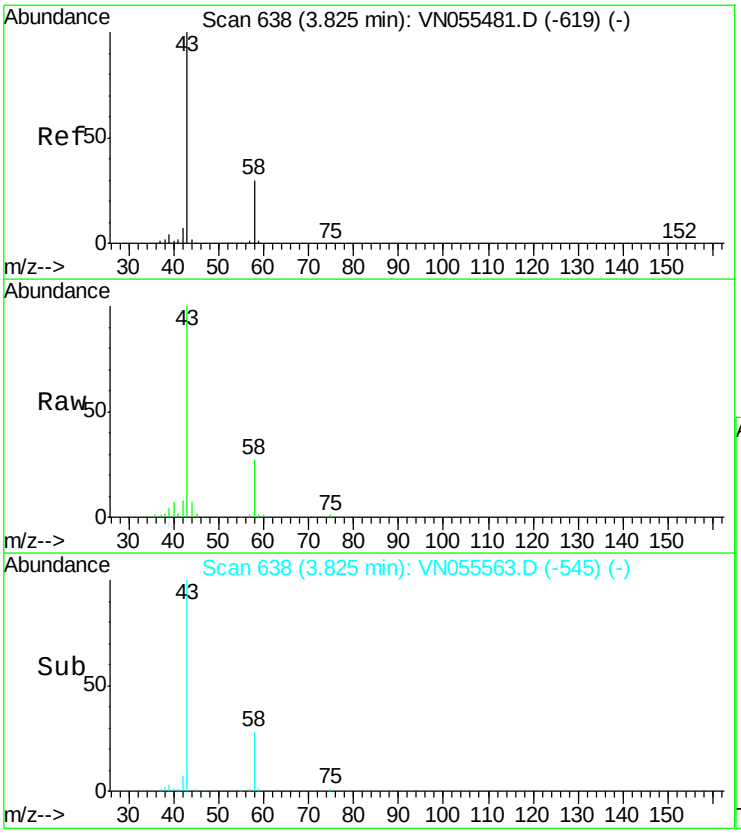
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VN055563.D
Acq: 10 May 2019 19:54

Instrument :
MSVOA_N
ClientSampleId :
SU-02-050919-B

Tgt Ion:168 Resp: 862445

Ion	Ratio	Lower	Upper
168	100		
99	56.4	47.0	70.4

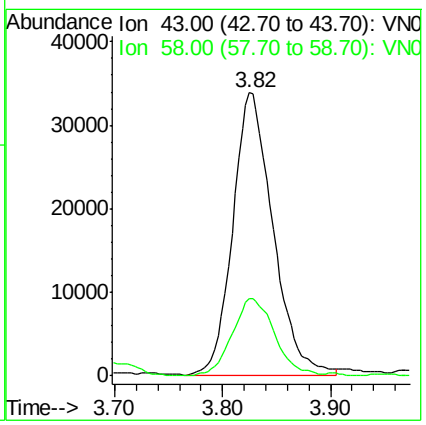


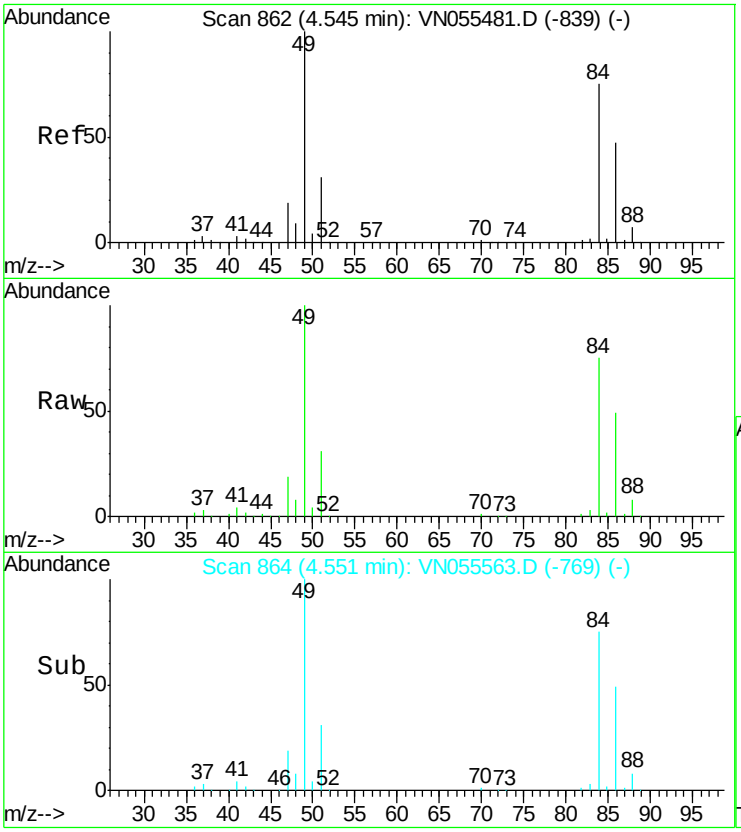


#16
Acetone
Concen: 14.722 ug/l
RT: 3.82 min Scan# 638
Delta R.T. -0.00 min
Lab File: VN055563.D
Acq: 10 May 2019 19:54

Tgt Ion: 43 Resp: 88518

Ion	Ratio	Lower	Upper
43	100		
58	27.1	24.2	36.2



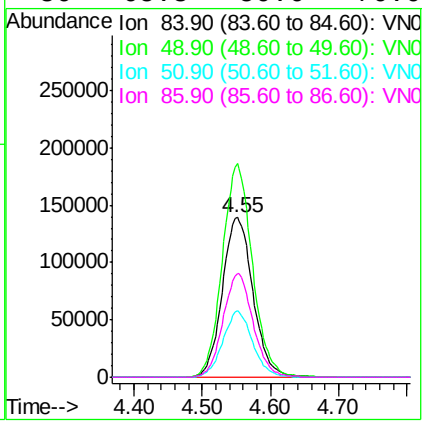


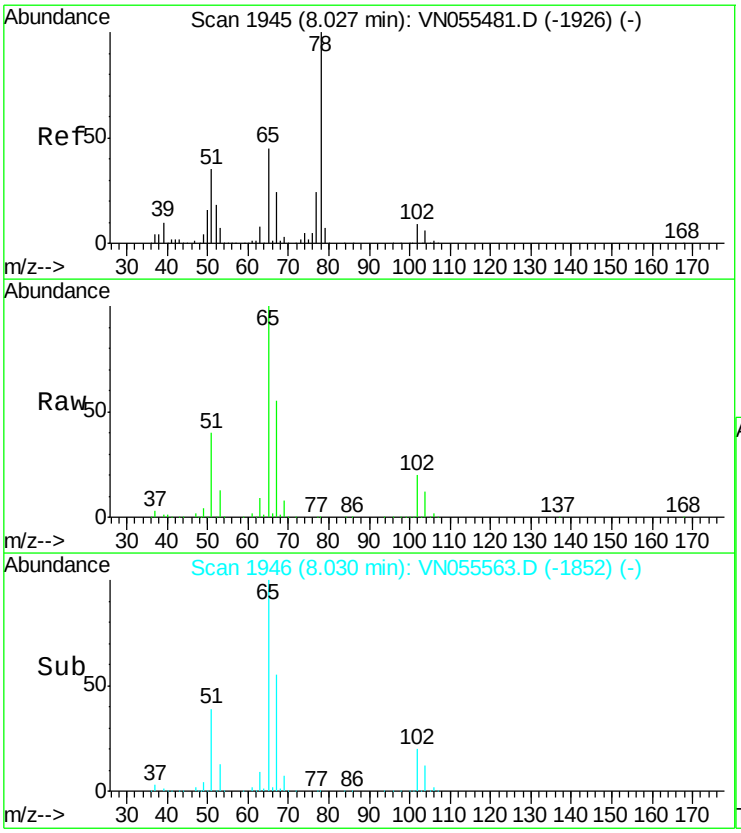
#20
Methylene Chloride
Concen: 35.328 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.01 min
Lab File: VN055563.D
Acq: 10 May 2019 19:54

Instrument :
MSVOA_N
ClientSampleId :
SU-02-050919-B

Tgt Ion: 84 Resp: 434355

Ion	Ratio	Lower	Upper
84	100		
49	133.9	107.0	160.6
51	41.8	33.0	49.4
86	65.3	50.6	76.0

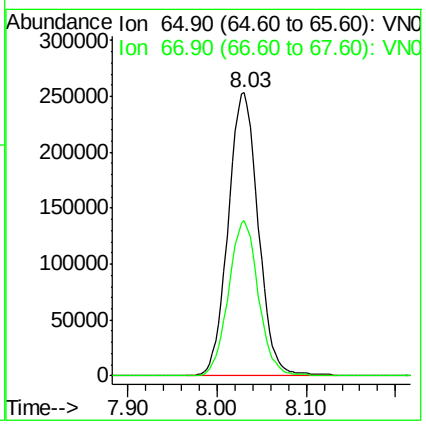


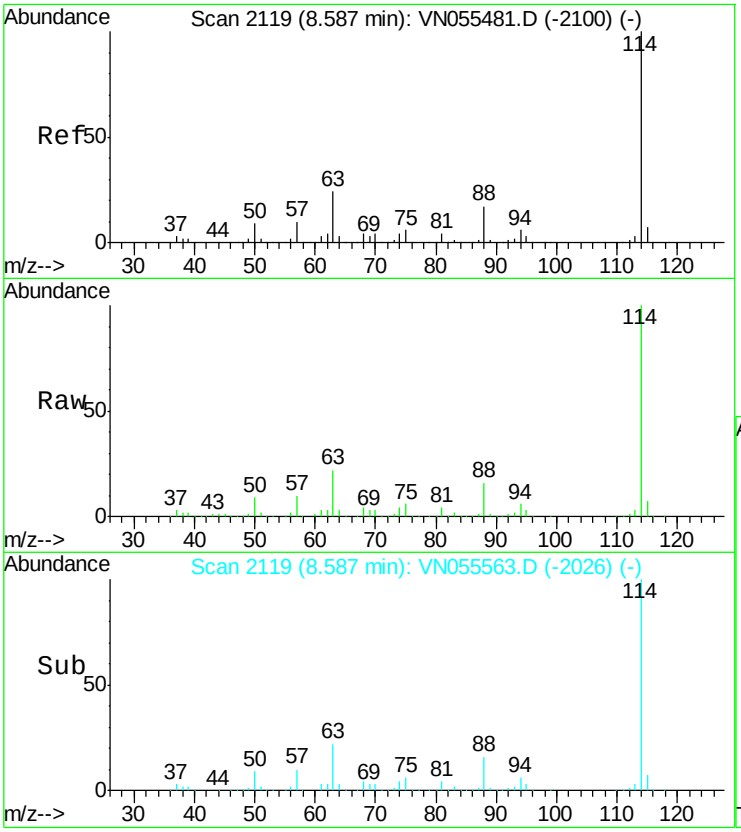


#33
1,2-Dichloroethane-d4
Concen: 45.693 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN055563.D
Acq: 10 May 2019 19:54

Tgt Ion: 65 Resp: 593351

Ion	Ratio	Lower	Upper
65	100		
67	54.5	0.0	109.6



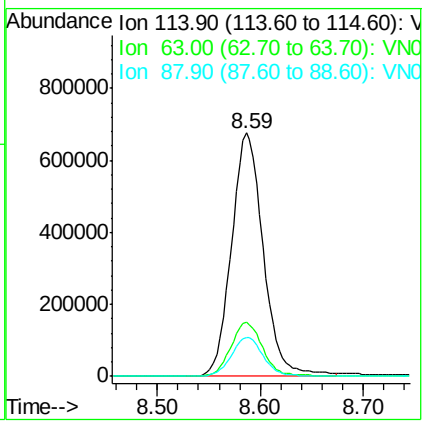


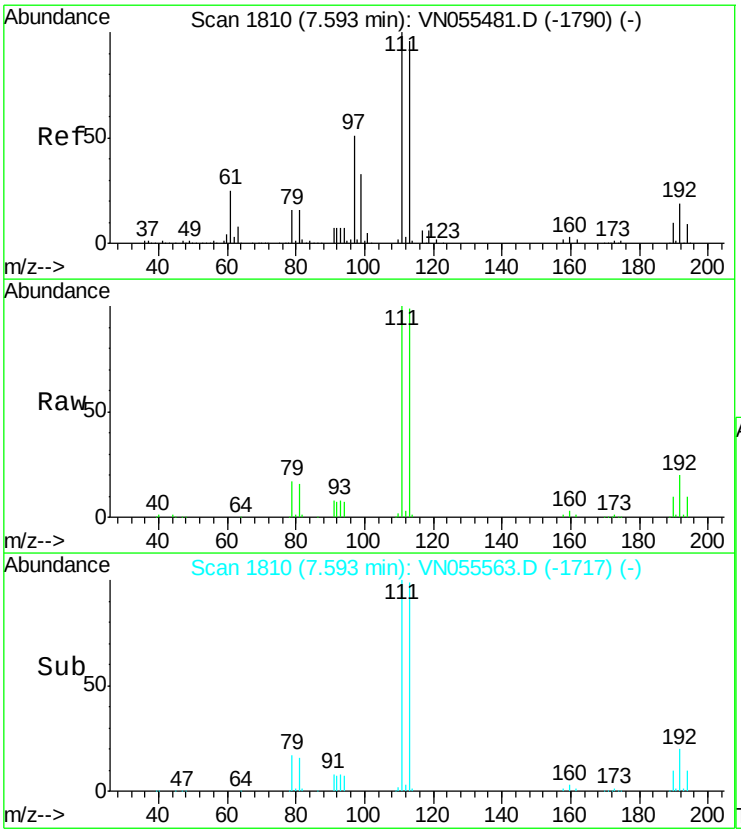
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VN055563.D
Acq: 10 May 2019 19:54

Instrument :
MSVOA_N
ClientSampleId :
SU-02-050919-B

Tgt Ion:114 Resp: 1454464

Ion	Ratio	Lower	Upper
114	100		
63	22.1	0.0	47.4
88	16.0	0.0	34.0

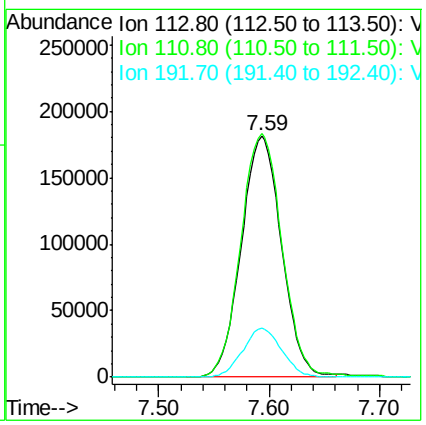


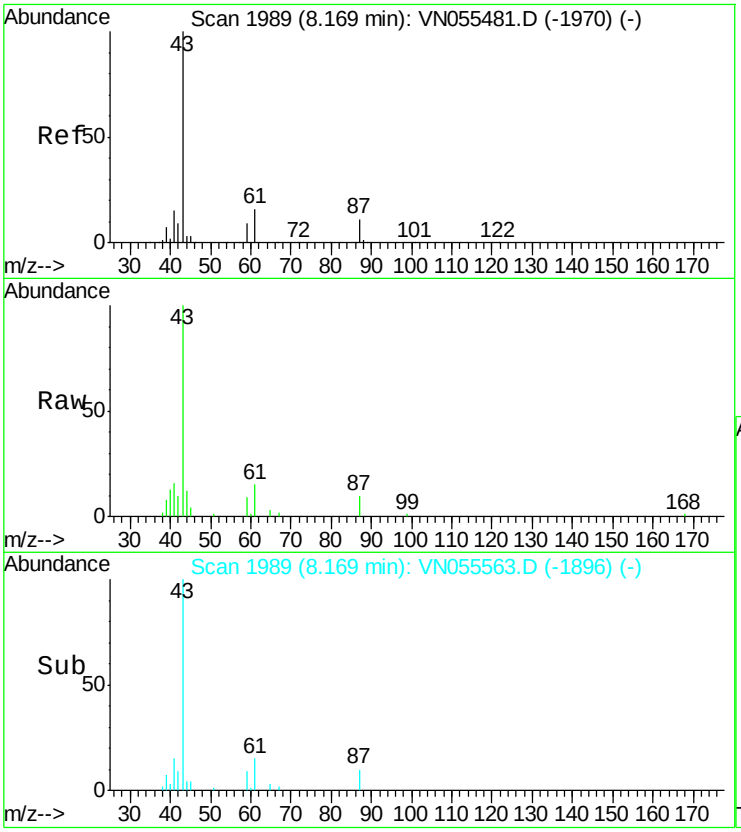


#35
Dibromofluoromethane
Concen: 48.801 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VN055563.D
Acq: 10 May 2019 19:54

Tgt Ion:113 Resp: 457868

Ion	Ratio	Lower	Upper
113	100		
111	103.9	82.9	124.3
192	19.8	15.6	23.4



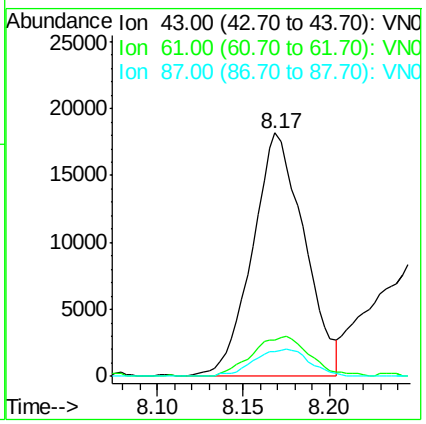


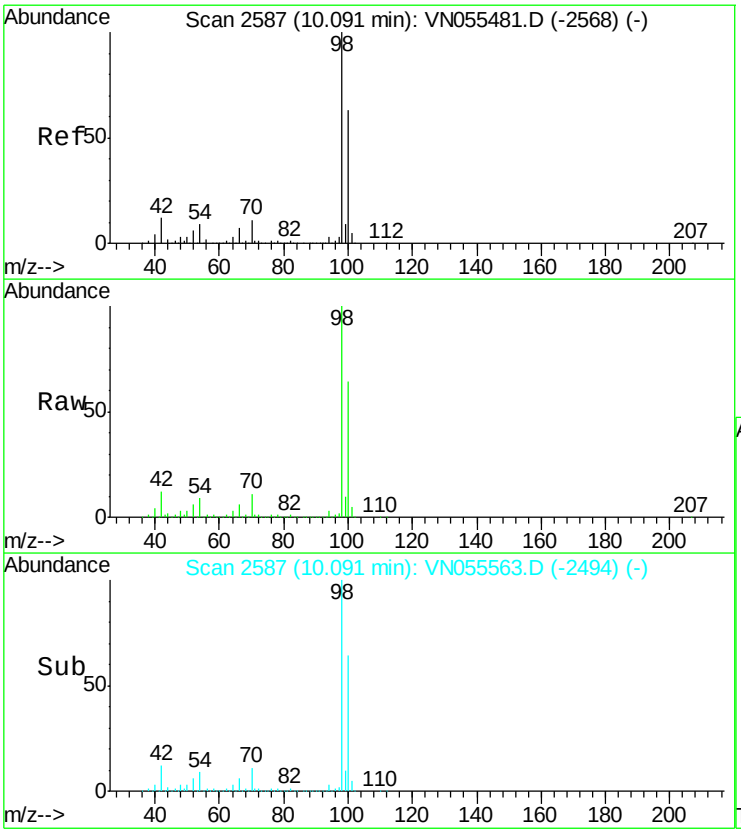
#43
Isopropyl Acetate
Concen: 1.606 ug/l
RT: 8.17 min Scan# 1989
Delta R.T. -0.00 min
Lab File: VN055563.D
Acq: 10 May 2019 19:54

Instrument :
MSVOA_N
ClientSampleId :
SU-02-050919-B

Tgt Ion: 43 Resp: 38137

Ion	Ratio	Lower	Upper
43	100		
61	18.3	15.1	22.7
87	11.9	9.0	13.6

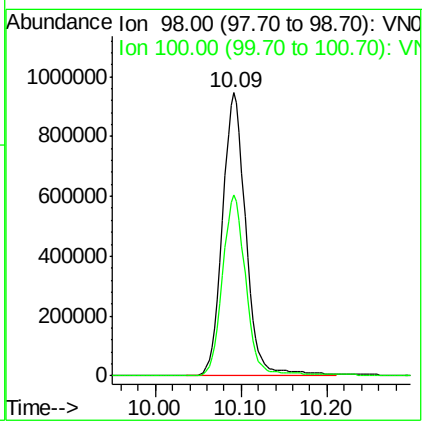


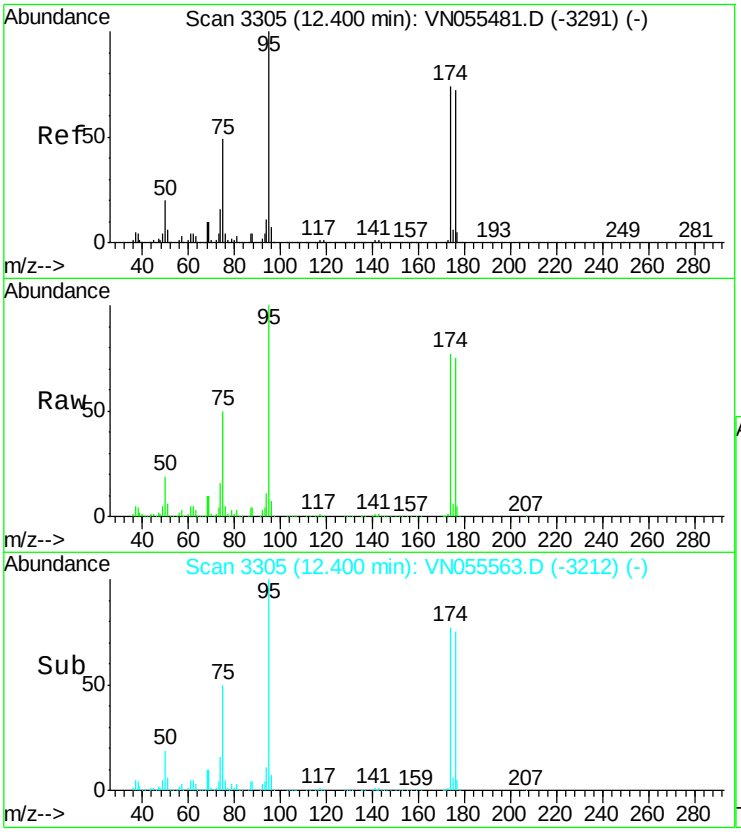


#50
Toluene-d8
Concen: 49.129 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN055563.D
Acq: 10 May 2019 19:54

Tgt Ion: 98 Resp: 1796296

Ion	Ratio	Lower	Upper
98	100		
100	63.7	50.4	75.6



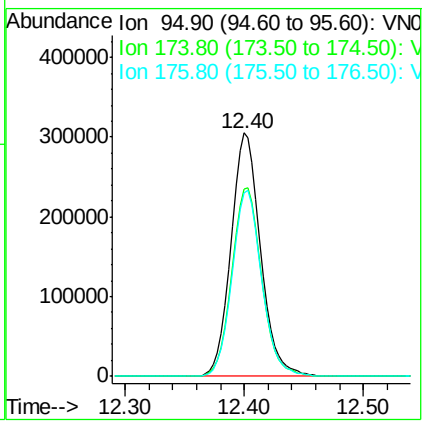


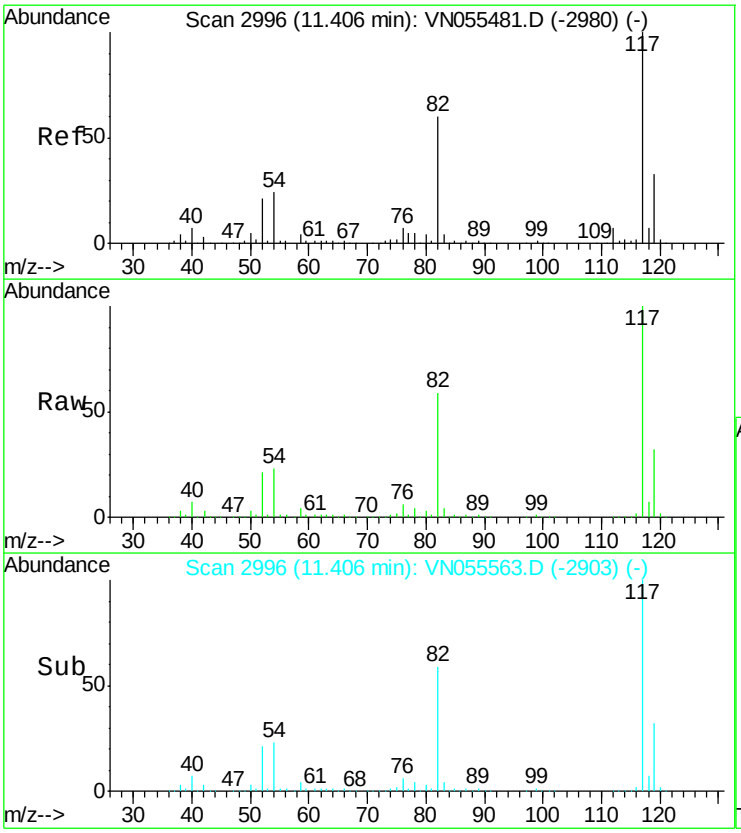
#62
4-Bromofluorobenzene
Concen: 42.565 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN055563.D
Acq: 10 May 2019 19:54

Instrument : MSVOA_N
ClientSampleId : SU-02-050919-B

Tgt Ion: 95 Resp: 524759

Ion	Ratio	Lower	Upper
95	100		
174	78.5	0.0	152.2
176	76.6	0.0	147.8

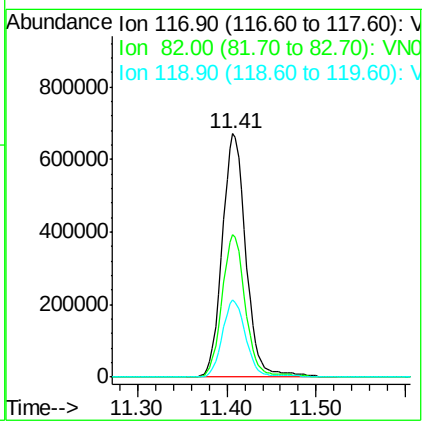


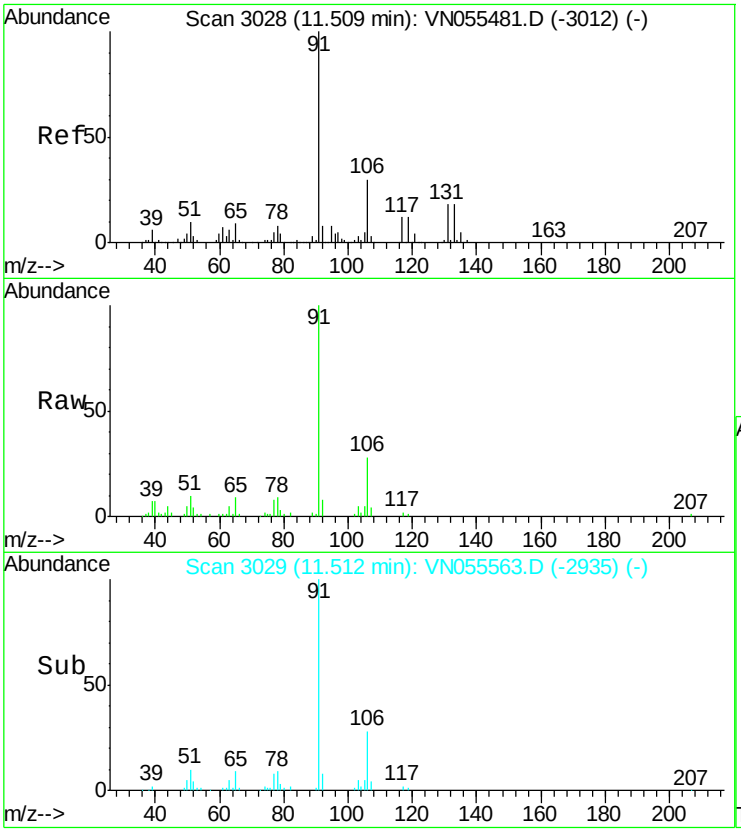


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN055563.D
Acq: 10 May 2019 19:54

Tgt Ion:117 Resp: 1233662

Ion	Ratio	Lower	Upper
117	100		
82	58.6	48.0	72.0
119	31.7	26.0	39.0



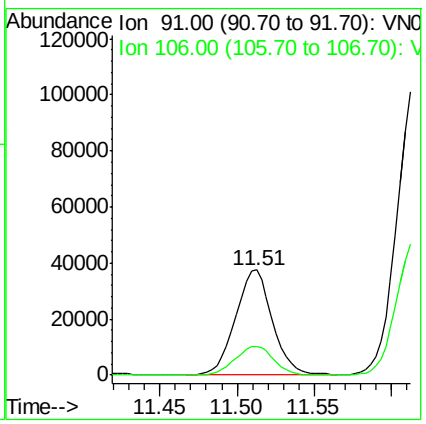


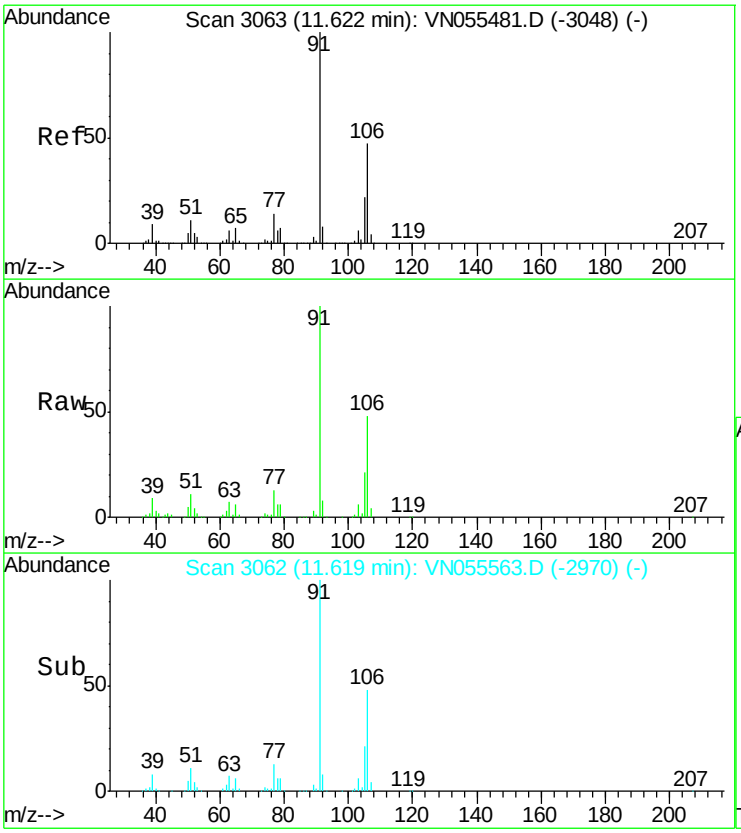
#67
Ethyl Benzene
Concen: 1.306 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN055563.D
Acq: 10 May 2019 19:54

Instrument : MSVOA_N
ClientSampleId : SU-02-050919-B

Tgt Ion: 91 Resp: 62248

Ion	Ratio	Lower	Upper
91	100		
106	27.7	23.8	35.6

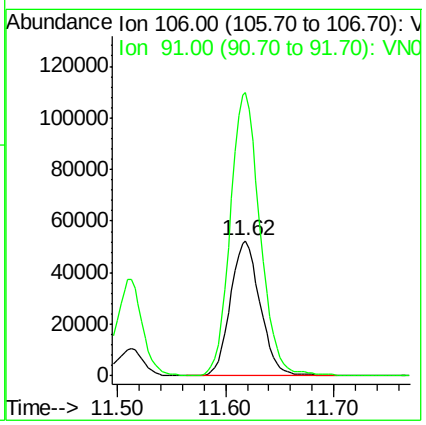


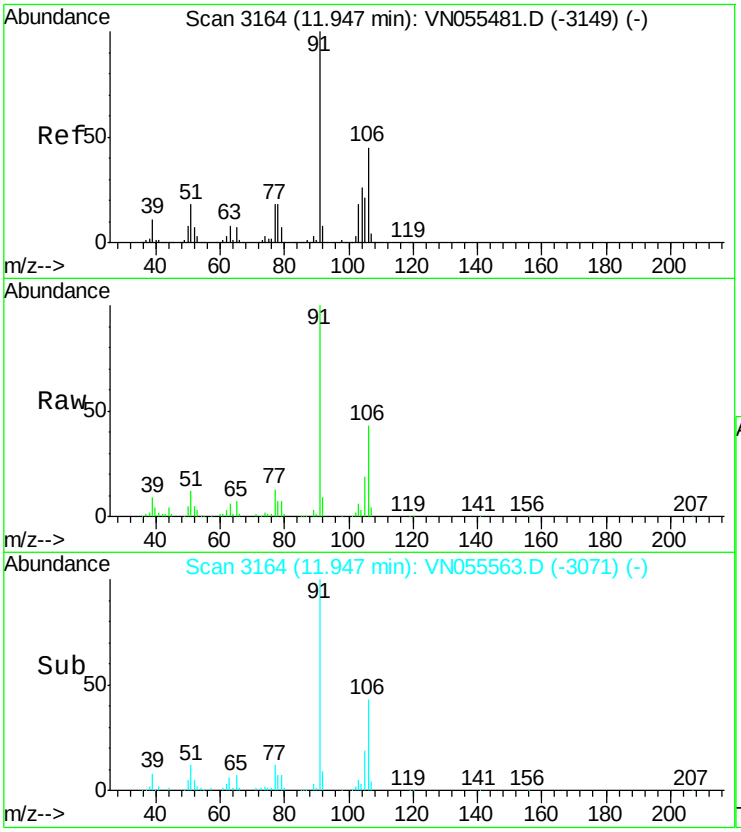


#68
m/p-Xylenes
Concen: 5.891 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN055563.D
Acq: 10 May 2019 19:54

Tgt Ion:106 Resp: 100771

Ion	Ratio	Lower	Upper
106	100		
91	209.5	169.2	253.8



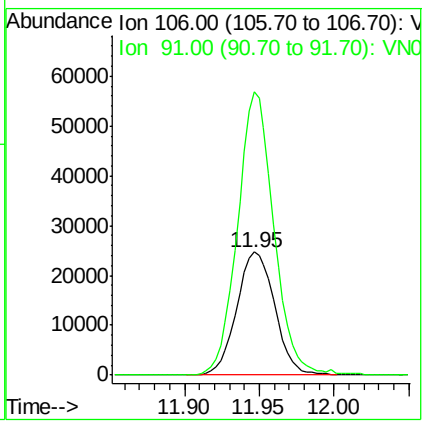


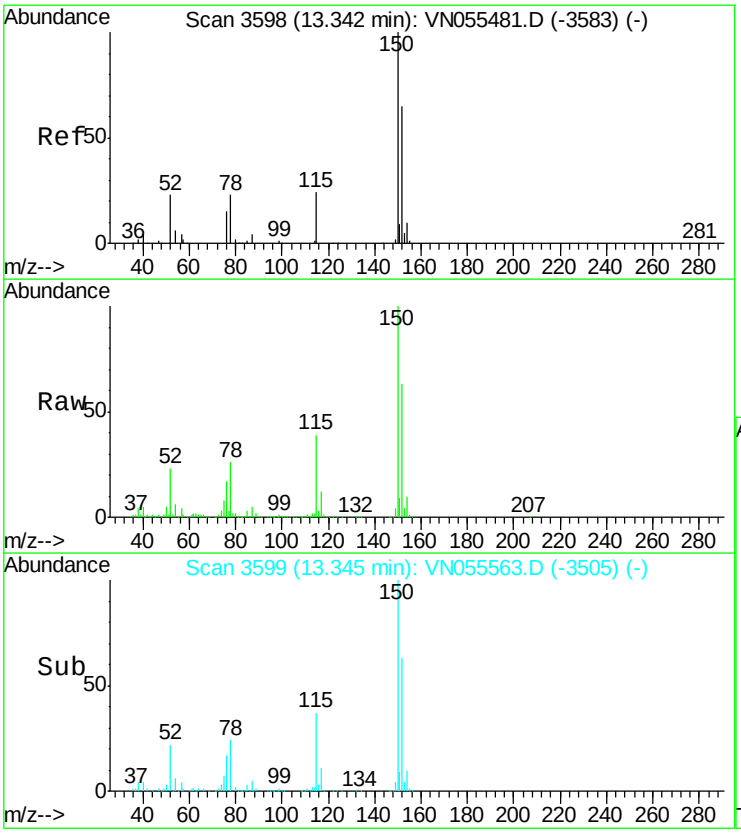
#69
o-Xylene
Concen: 2.611 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN055563.D
Acq: 10 May 2019 19:54

Instrument : MSVOA_N
ClientSampleId : SU-02-050919-B

Tgt Ion:106 Resp: 43910

Ion	Ratio	Lower	Upper
106	100		
91	218.2	111.3	333.8

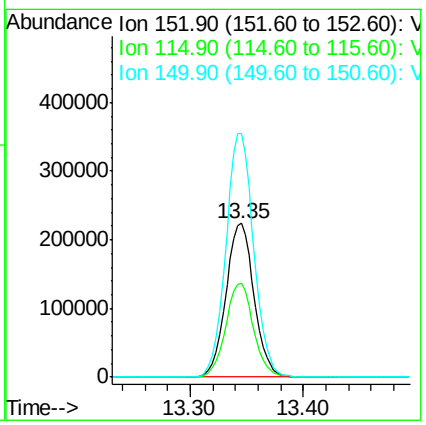


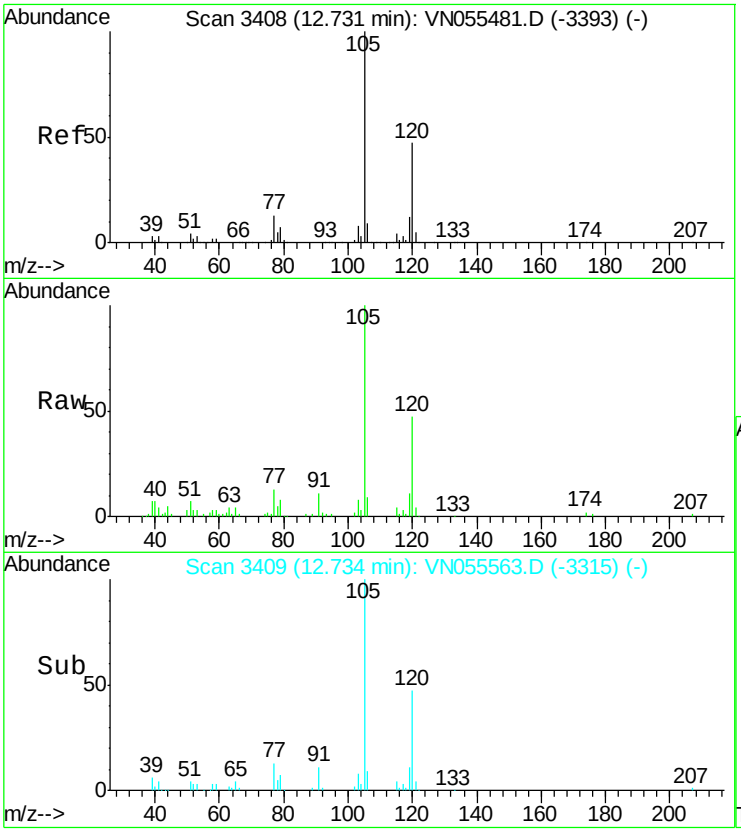


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN055563.D
Acq: 10 May 2019 19:54

Tgt Ion:152 Resp: 385077

Ion	Ratio	Lower	Upper
152	100		
115	60.5	30.1	90.5
150	157.3	0.0	355.0



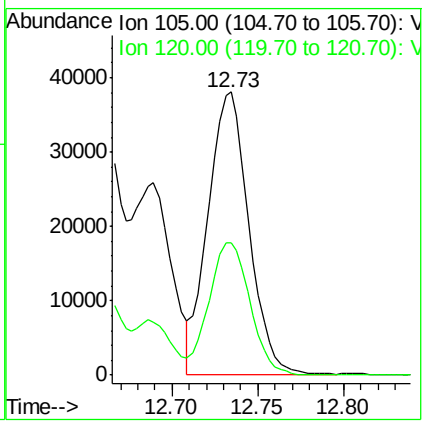


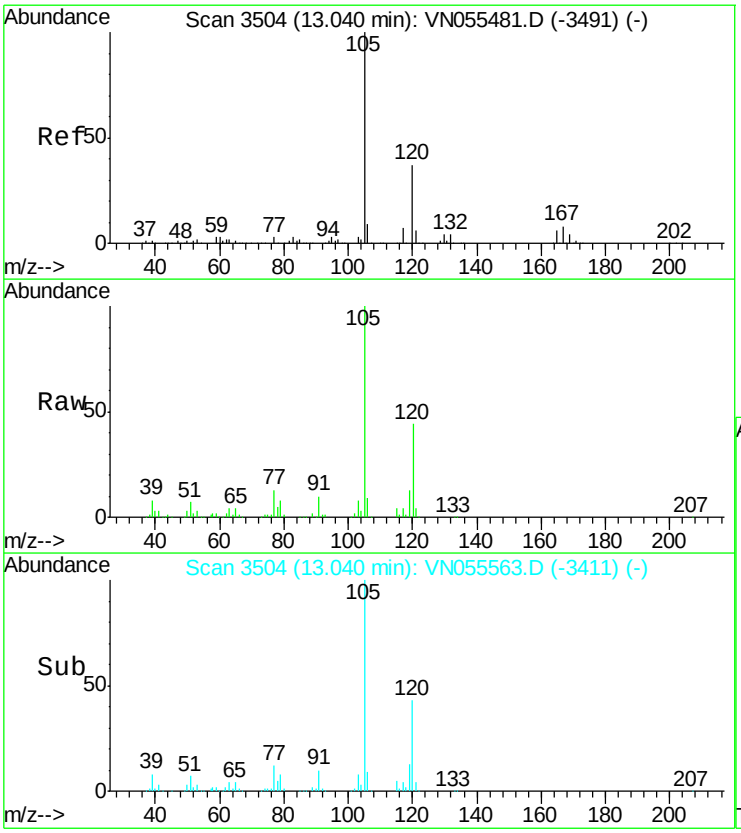
#80
1,3,5-Trimethylbenzene
Concen: 2.054 ug/l
RT: 12.73 min Scan# 3409
Delta R.T. 0.00 min
Lab File: VN055563.D
Acq: 10 May 2019 19:54

Instrument :
MSVOA_N
ClientSampleId :
SU-02-050919-B

Tgt Ion:105 Resp: 63270

Ion	Ratio	Lower	Upper
105	100		
120	47.0	23.4	70.0

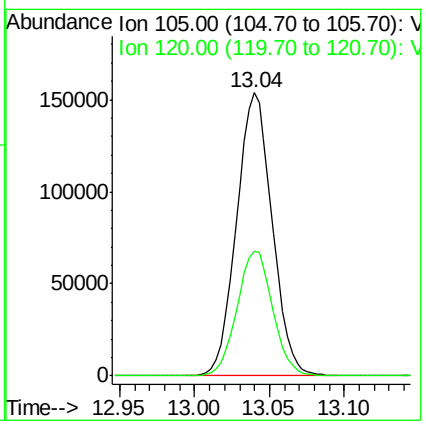


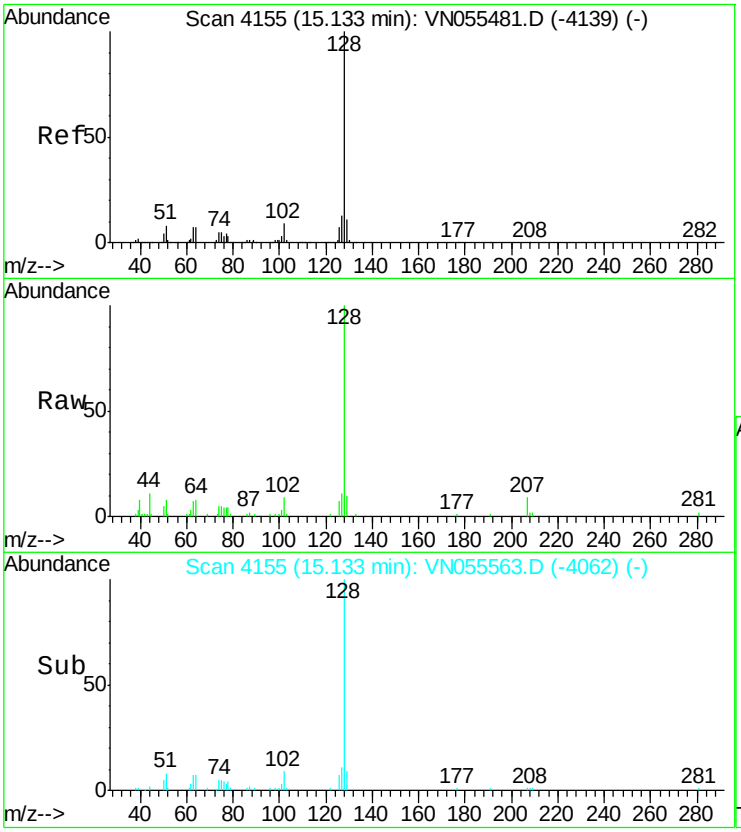


#84
1,2,4-Trimethylbenzene
Concen: 8.995 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. -0.00 min
Lab File: VN055563.D
Acq: 10 May 2019 19:54

Tgt Ion:105 Resp: 254064

Ion	Ratio	Lower	Upper
105	100		
120	44.2	22.1	66.5





#95
Naphthalene
Concen: 5.364 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. -0.00 min
Lab File: VN055563.D
Acq: 10 May 2019 19:54

Instrument :
MSVOA_N
ClientSampleId :
SU-02-050919-B

Tgt Ion:128 Resp: 41392

Ion	Ratio	Lower	Upper
128	100		
127	11.4	10.0	15.0
129	10.7	8.8	13.2