Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121819\
Data File : VN059654.D
Acq On : 18 Dec 2019 17:10
Operator : JC/SP
Sample : K6309-06 50X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 30789

Quant Time: Dec 19 05:49:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121319W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 13 23:17:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	230547	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	378708	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	343401	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	154352	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	169297	50.46	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.92%			
35) Dibromofluoromethane	7.57	113	119058	50.25	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.50%			
50) Toluene-d8	10.08	98	468423	49.93	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.86%			
62) 4-Bromofluorobenzene	12.40	95	170736	49.88	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.76%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.75	59	54128	88.007	ug/l #	72
16) Acetone	3.79	43	176505	88.617	ug/l	97
18) Methyl Acetate	4.30	43	32521	7.792	ug/l	99
19) Methyl tert-butyl Ether	5.01	73	33802	3.959	ug/l	92
25) 2-Butanone	6.81	43	45816	19.236	ug/l	99
40) Benzene	8.02	78	344569	29.855	ug/l	99
52) Toluene	10.14	92	198006	27.921	ug/l	99
67) Ethyl Benzene	11.50	91	63880	4.763	ug/l	99
68) m/p-Xylenes	11.61	106	145779	29.434	ug/l	99
69) o-Xylene	11.94	106	63685	13.514	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	13551	1.322	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	39196	3.844	ug/l	98
95) Naphthalene	15.12	128	16653	1.599	ug/l	97

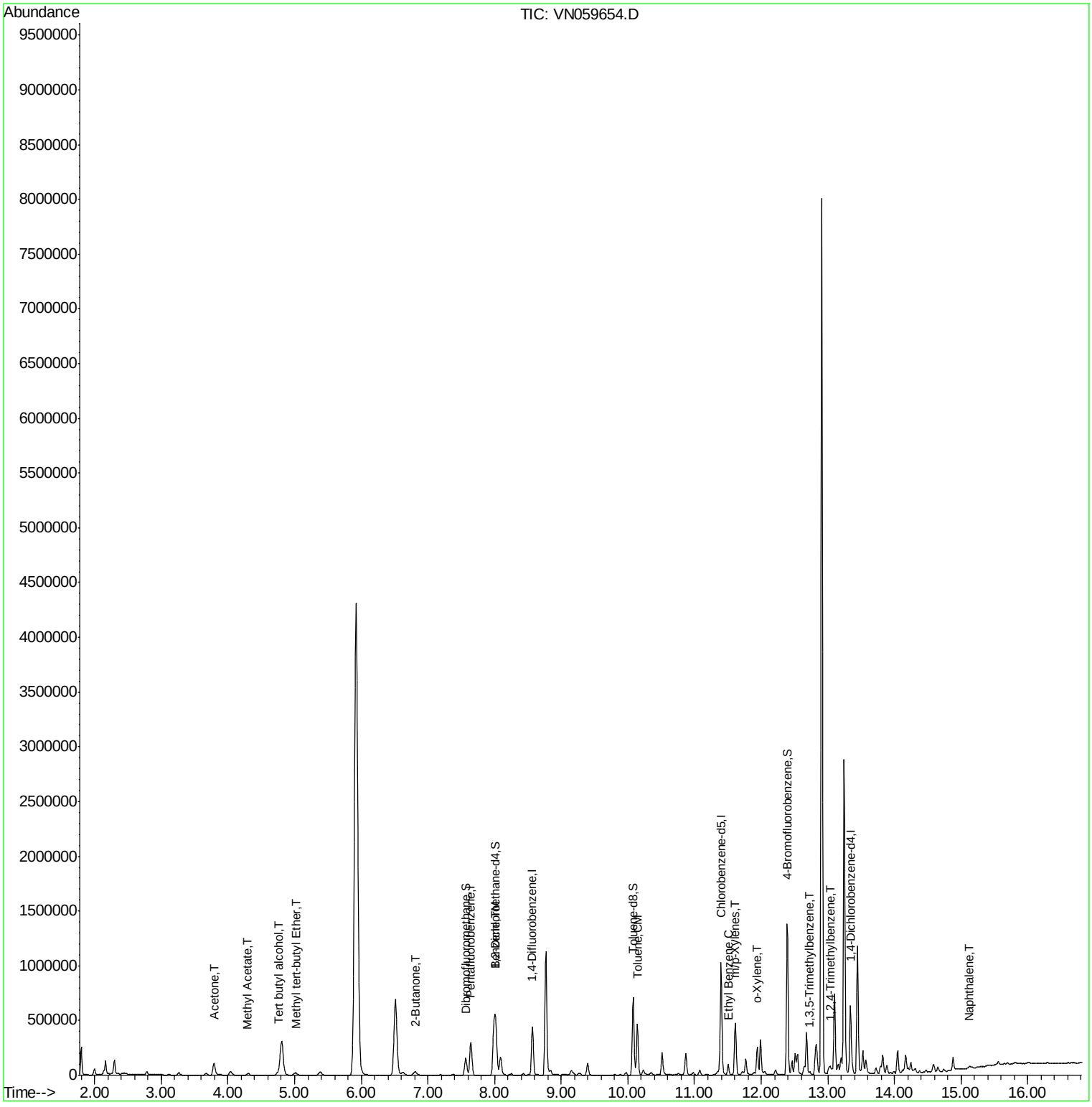
(#) = qualifier out of range (m) = manual integration (+) = signals summed

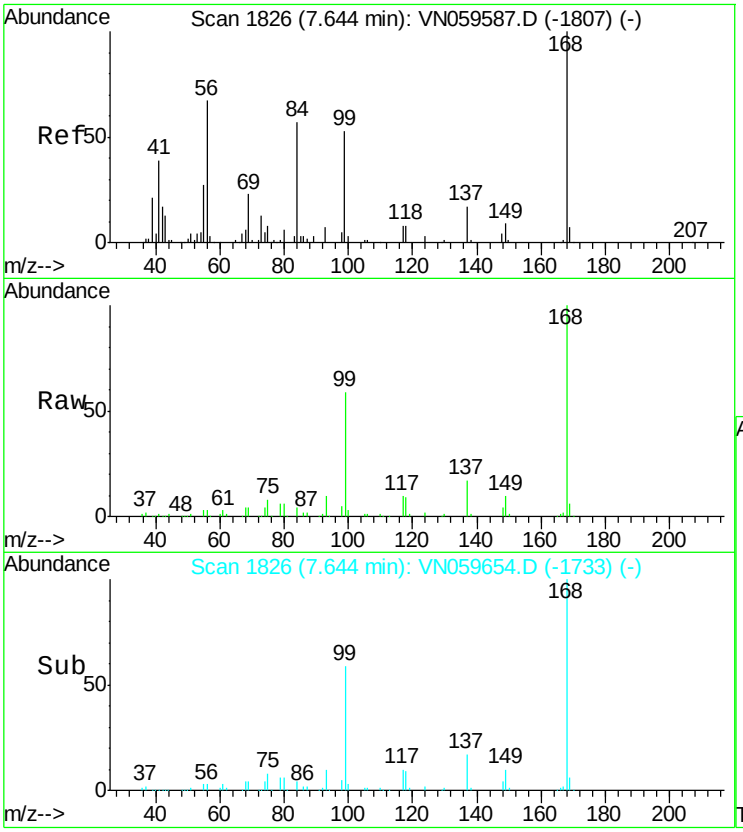
Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121819\
Data File : VN059654.D
Acq On : 18 Dec 2019 17:10
Operator : JC/SP
Sample : K6309-06 50X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 30789

Quant Time: Dec 19 05:49:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121319W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 13 23:17:39 2019
Response via : Initial Calibration



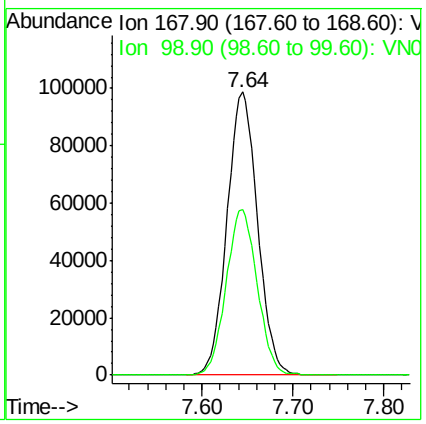


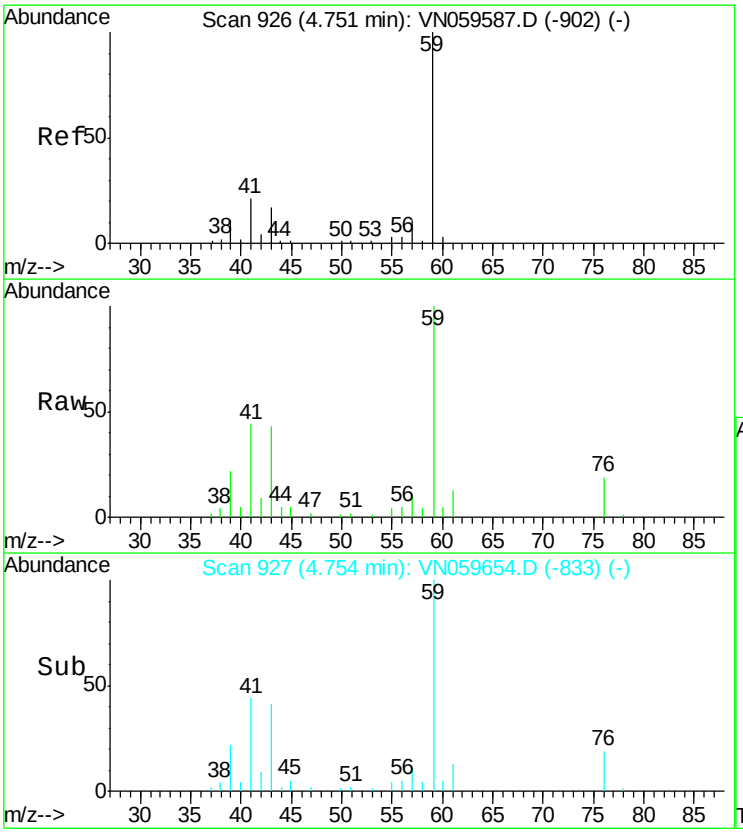
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.64 min Scan# 1826
Delta R.T. -0.00 min
Lab File: VN059654.D
Acq: 18 Dec 2019 17:10

Instrument :
MSVOA_N
ClientSampleId :
30789

Tgt Ion:168 Resp: 230547

Ion	Ratio	Lower	Upper
168	100		
99	58.6	48.2	72.4

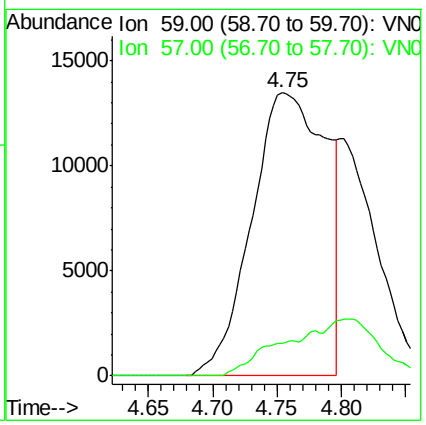


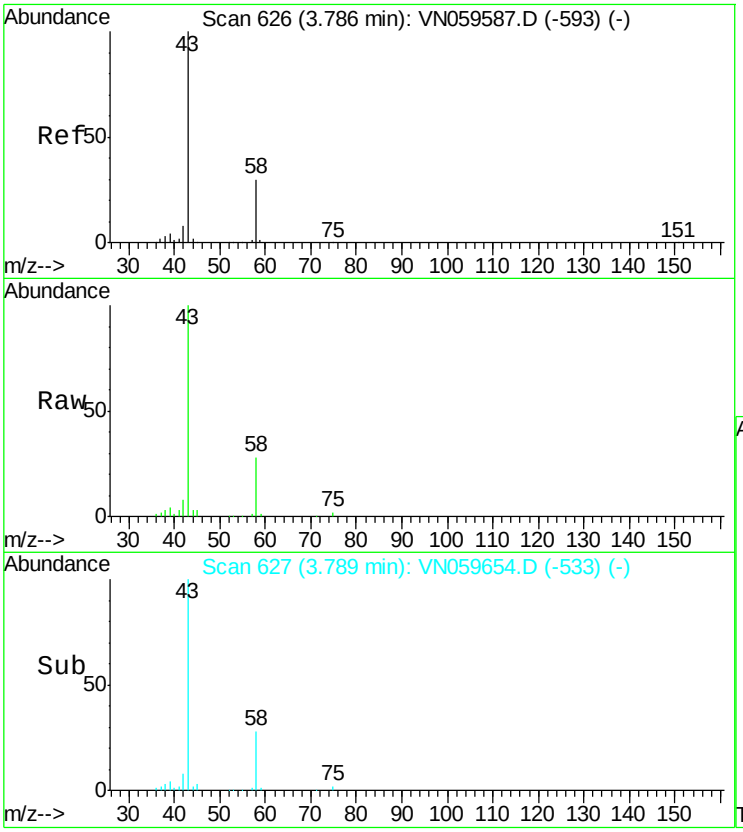


#11
Tert butyl alcohol
Concen: 88.007 ug/l
RT: 4.75 min Scan# 927
Delta R.T. 0.00 min
Lab File: VN059654.D
Acq: 18 Dec 2019 17:10

Tgt Ion: 59 Resp: 54128

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.6	12.8#



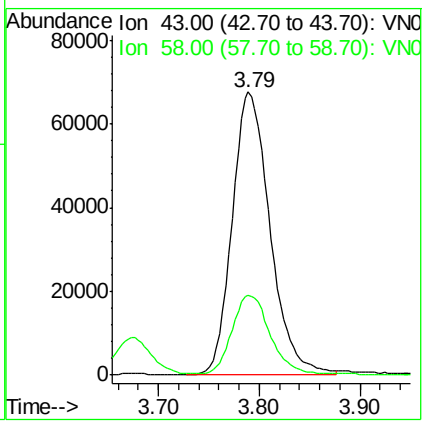


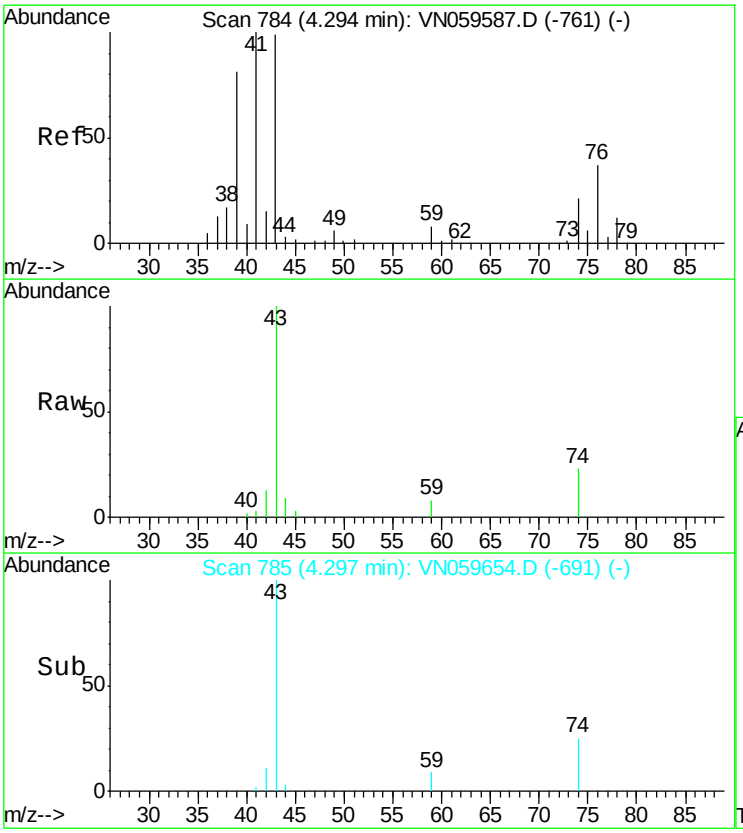
#16
Acetone
Concen: 88.617 ug/l
RT: 3.79 min Scan# 627
Delta R.T. 0.00 min
Lab File: VN059654.D
Acq: 18 Dec 2019 17:10

Instrument :
MSVOA_N
ClientSampleId :
30789

Tgt Ion: 43 Resp: 176505

Ion	Ratio	Lower	Upper
43	100		
58	27.8	23.6	35.4

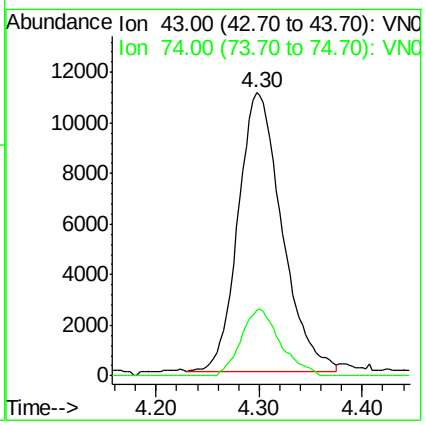


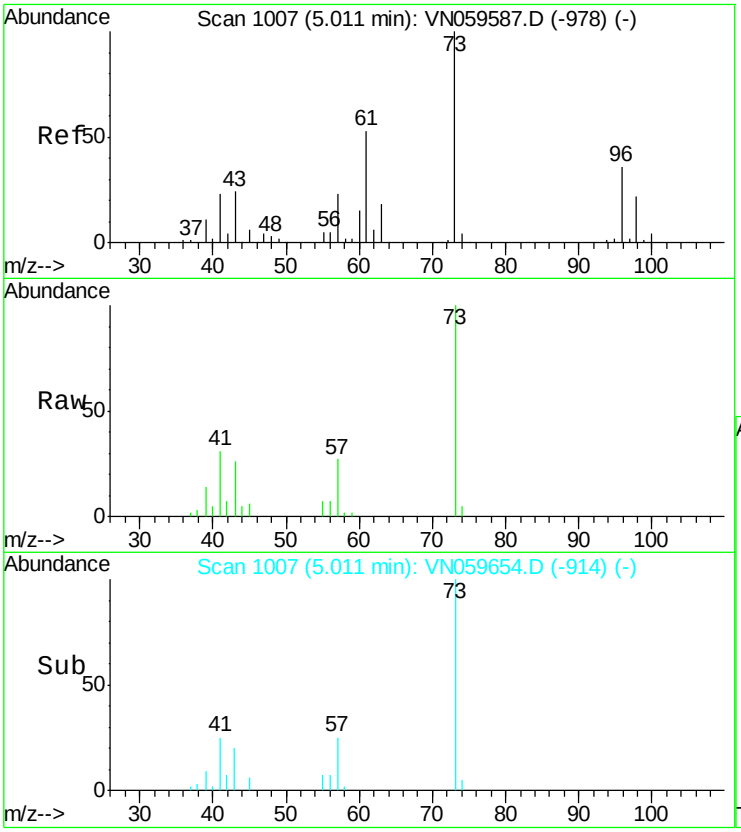


#18
Methyl Acetate
Concen: 7.792 ug/l
RT: 4.30 min Scan# 785
Delta R.T. 0.00 min
Lab File: VN059654.D
Acq: 18 Dec 2019 17:10

Tgt Ion: 43 Resp: 32521

Ion	Ratio	Lower	Upper
43	100		
74	21.6	17.5	26.3



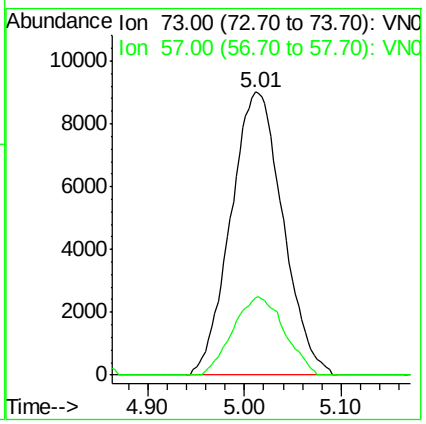


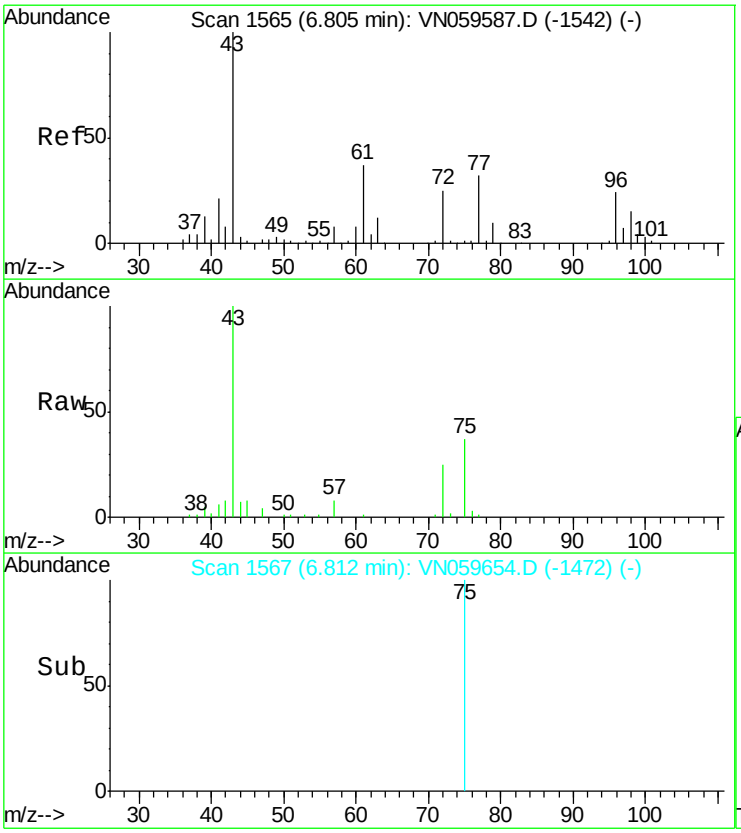
#19
Methyl tert-butyl Ether
Concen: 3.959 ug/l
RT: 5.01 min Scan# 1007
Delta R.T. -0.00 min
Lab File: VN059654.D
Acq: 18 Dec 2019 17:10

Instrument :
MSVOA_N
ClientSampleId :
30789

Tgt Ion: 73 Resp: 33802

Ion	Ratio	Lower	Upper
73	100		
57	27.3	18.6	27.8

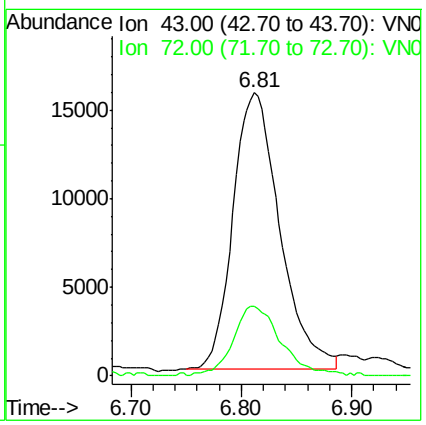


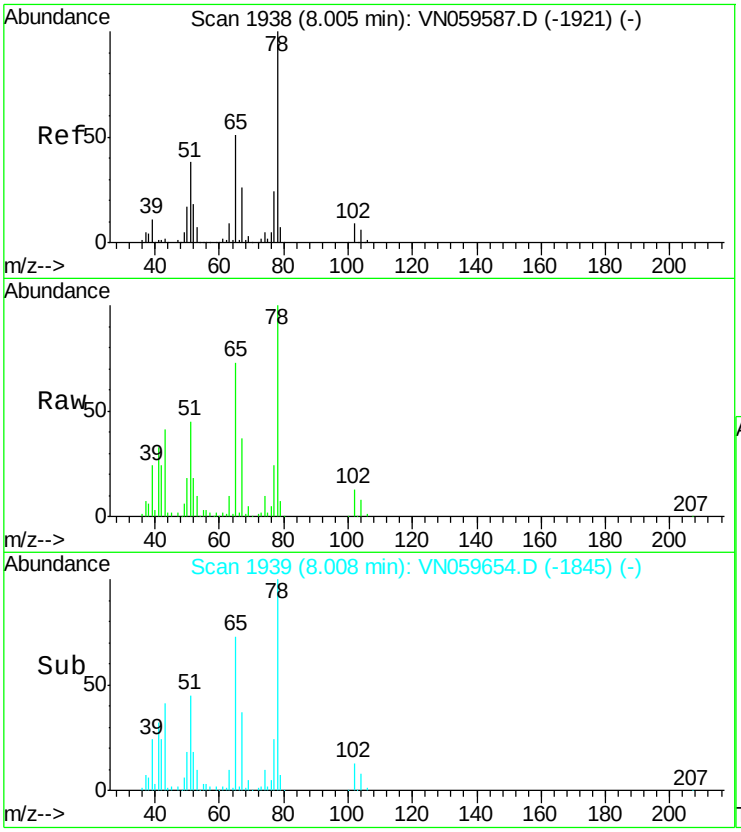


#25
2-Butanone
Concen: 19.236 ug/l
RT: 6.81 min Scan# 1567
Delta R.T. 0.01 min
Lab File: VN059654.D
Acq: 18 Dec 2019 17:10

Tgt Ion: 43 Resp: 45816

Ion	Ratio	Lower	Upper
43	100		
72	25.3	19.9	29.9



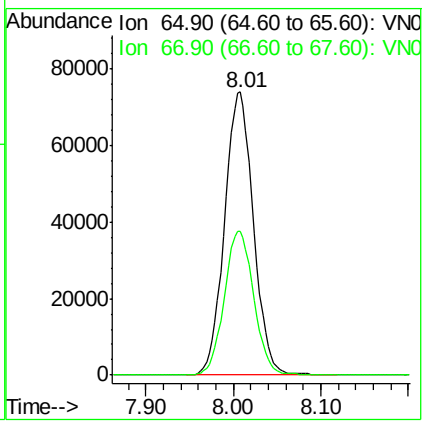


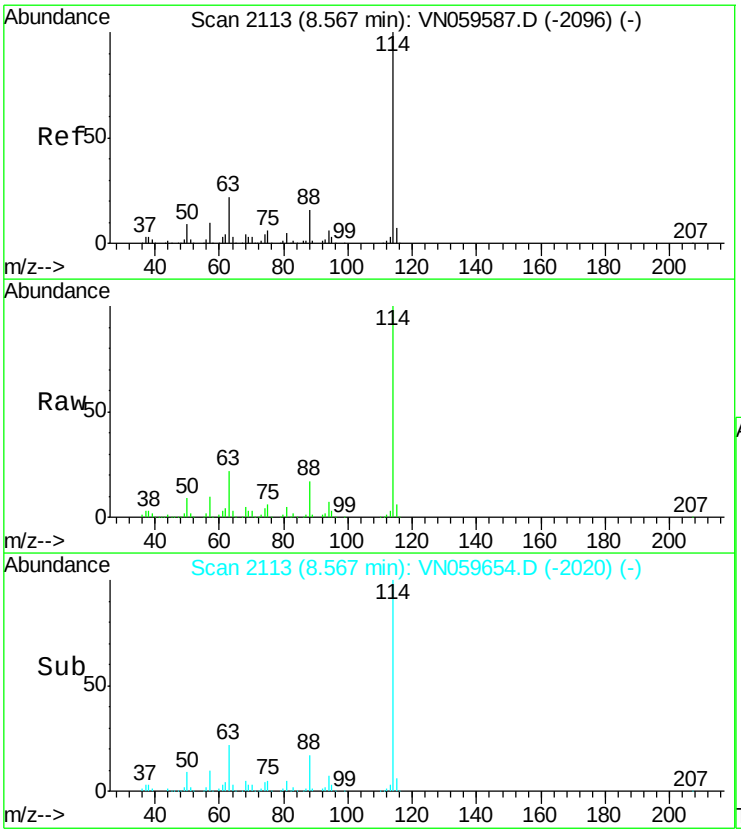
#33
1,2-Dichloroethane-d4
Concen: 50.464 ug/l
RT: 8.01 min Scan# 1939
Delta R.T. 0.00 min
Lab File: VN059654.D
Acq: 18 Dec 2019 17:10

Instrument :
MSVOA_N
ClientSampleId :
30789

Tgt Ion: 65 Resp: 169297

Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	103.0

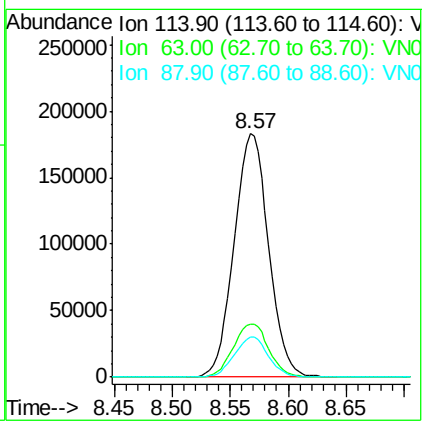


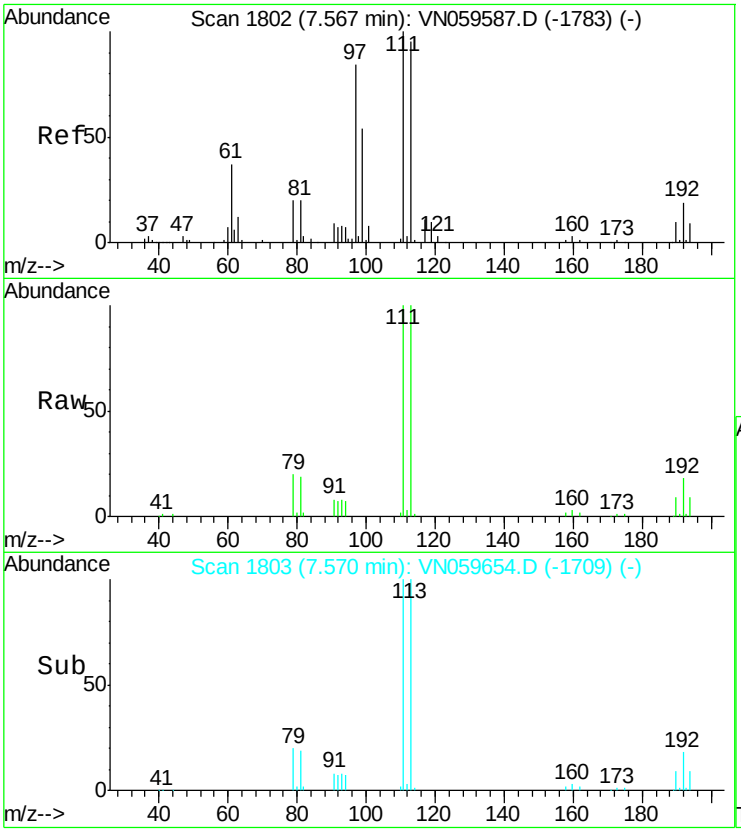


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2113
Delta R.T. -0.00 min
Lab File: VN059654.D
Acq: 18 Dec 2019 17:10

Tgt Ion:114 Resp: 378708

Ion	Ratio	Lower	Upper
114	100		
63	22.0	0.0	43.6
88	16.6	0.0	31.4



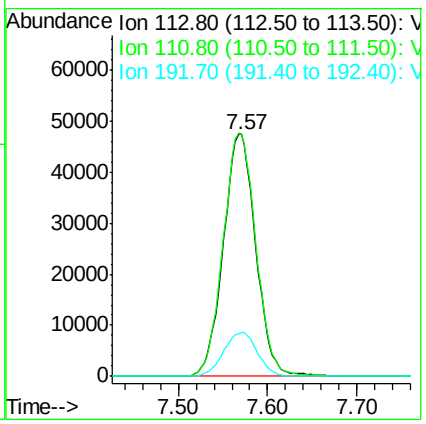


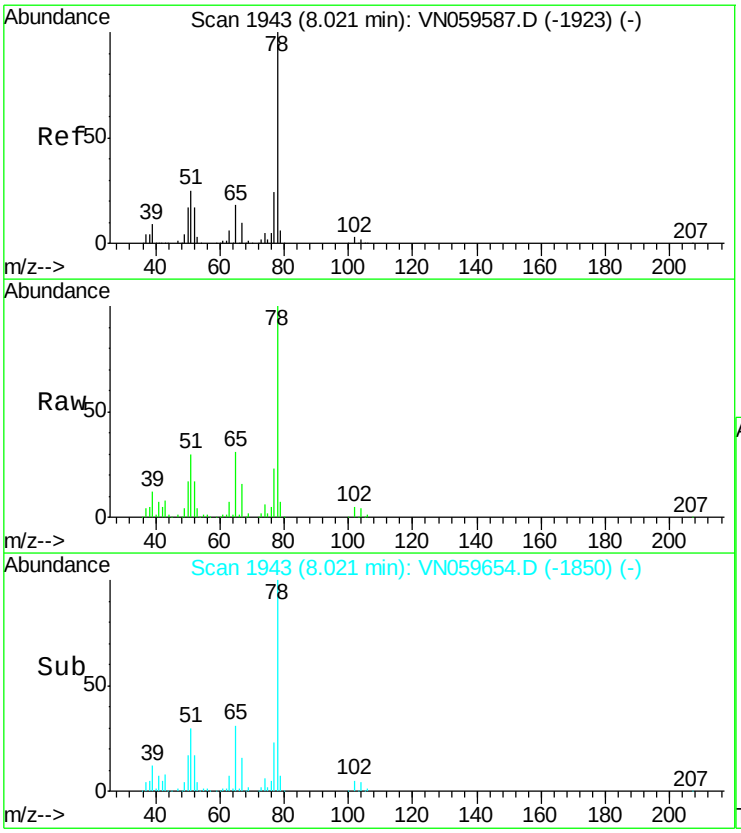
#35
Dibromofluoromethane
Concen: 50.245 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VN059654.D
Acq: 18 Dec 2019 17:10

Instrument : MSVOA_N
ClientSampleId : 30789

Tgt Ion:113 Resp: 119058

Ion	Ratio	Lower	Upper
113	100		
111	101.7	83.5	125.3
192	18.8	15.4	23.2

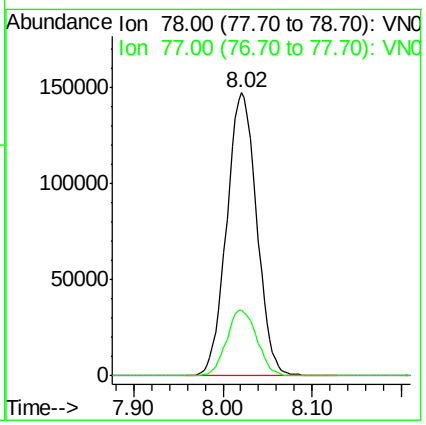


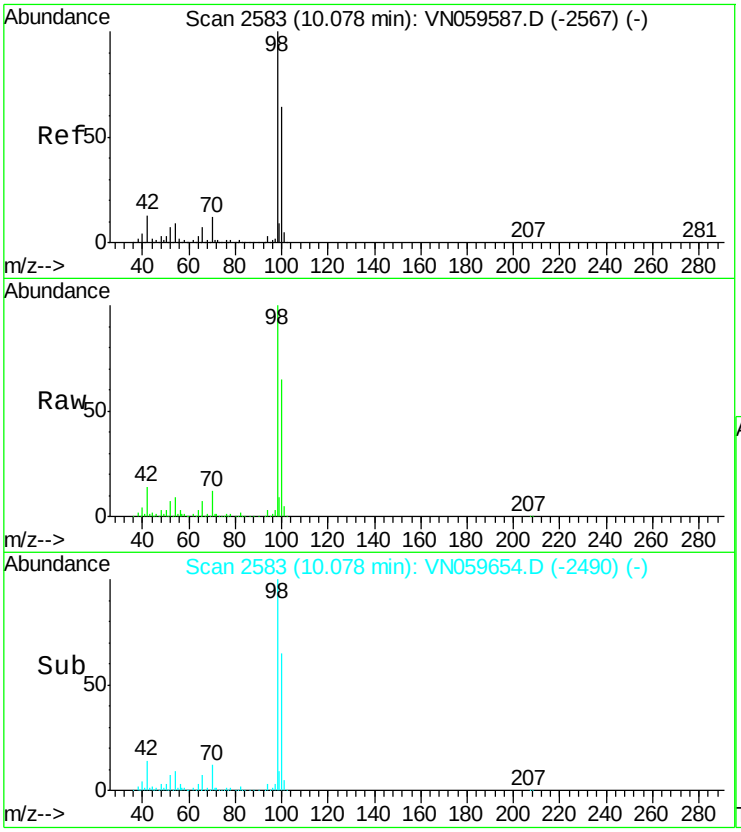


#40
Benzene
Concen: 29.855 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VN059654.D
Acq: 18 Dec 2019 17:10

Tgt Ion: 78 Resp: 344569

Ion	Ratio	Lower	Upper
78	100		
77	23.3	18.9	28.3



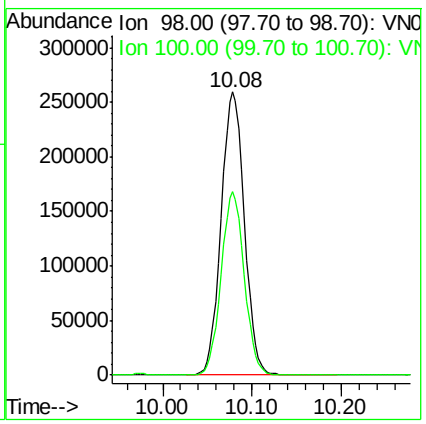


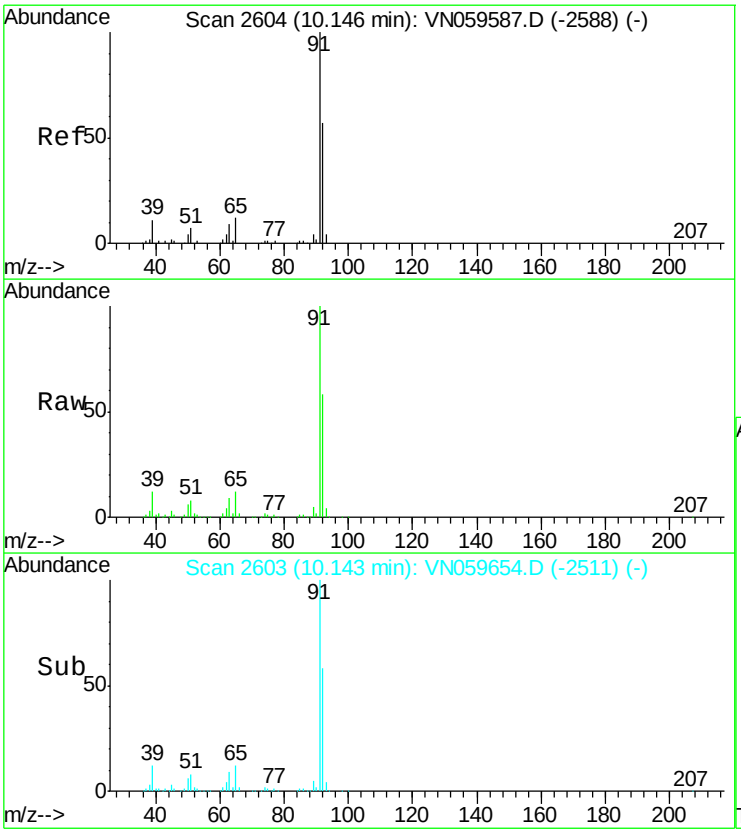
#50
Toluene-d8
Concen: 49.931 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. -0.00 min
Lab File: VN059654.D
Acq: 18 Dec 2019 17:10

Instrument :
MSVOA_N
ClientSampleId :
30789

Tgt Ion: 98 Resp: 468423

Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.2	76.8

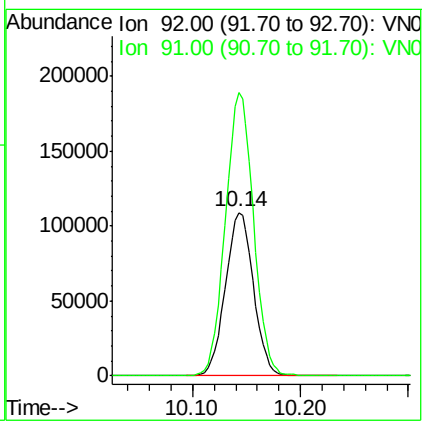


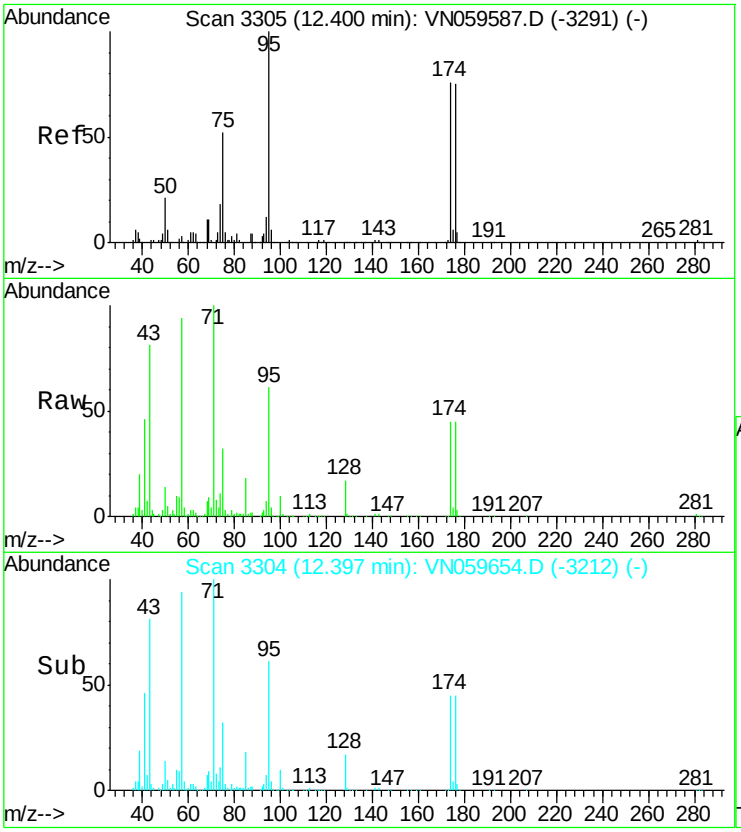


#52
Toluene
Concen: 27.921 ug/l
RT: 10.14 min Scan# 2603
Delta R.T. -0.00 min
Lab File: VN059654.D
Acq: 18 Dec 2019 17:10

Tgt Ion: 92 Resp: 198006

Ion	Ratio	Lower	Upper
92	100		
91	173.5	140.4	210.6



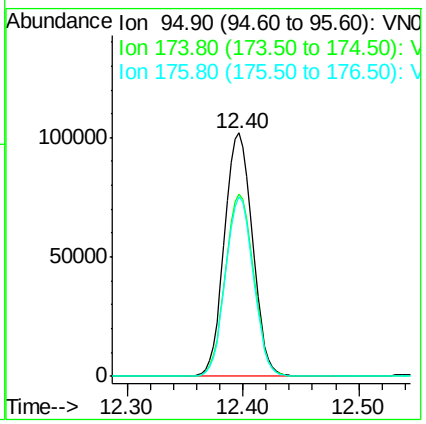


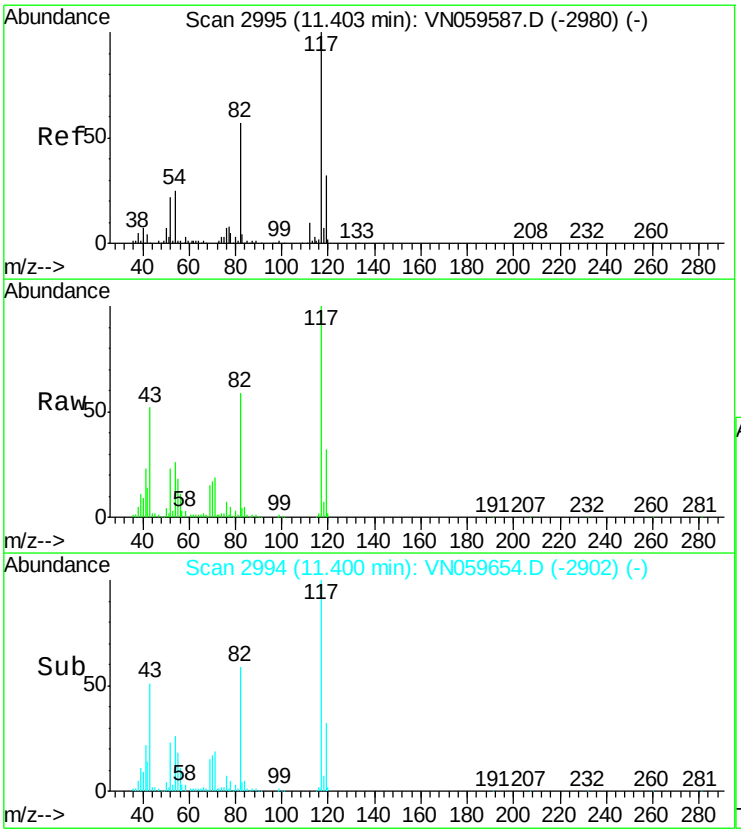
#62
4-Bromofluorobenzene
Concen: 49.877 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. -0.00 min
Lab File: VN059654.D
Acq: 18 Dec 2019 17:10

Instrument :
MSVOA_N
ClientSampleId :
30789

Tgt Ion: 95 Resp: 170736

Ion	Ratio	Lower	Upper
95	100		
174	75.4	0.0	151.4
176	73.0	0.0	146.0

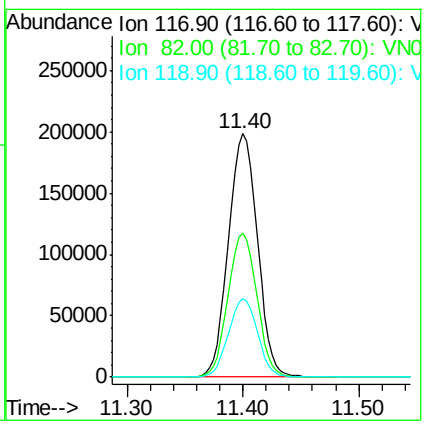


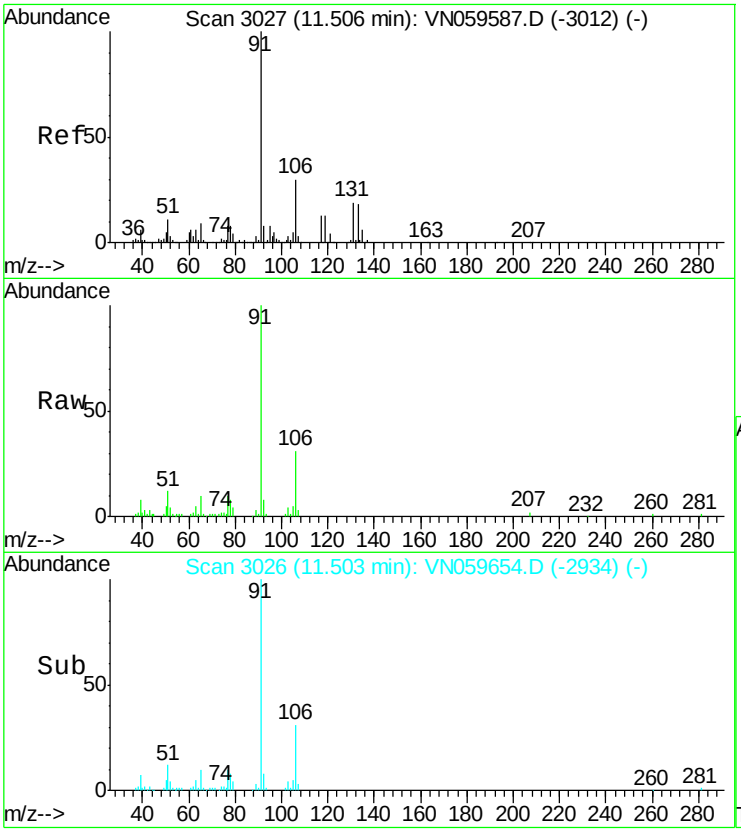


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN059654.D
Acq: 18 Dec 2019 17:10

Tgt Ion:117 Resp: 343401

Ion	Ratio	Lower	Upper
117	100		
82	59.2	45.9	68.9
119	32.2	25.5	38.3



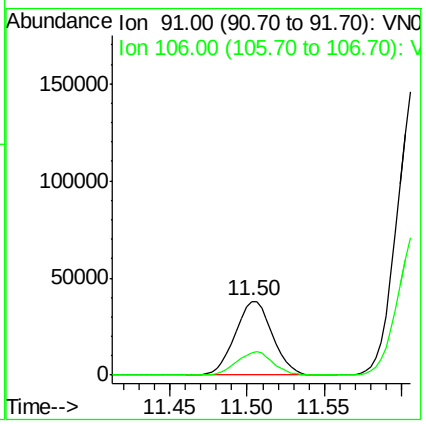


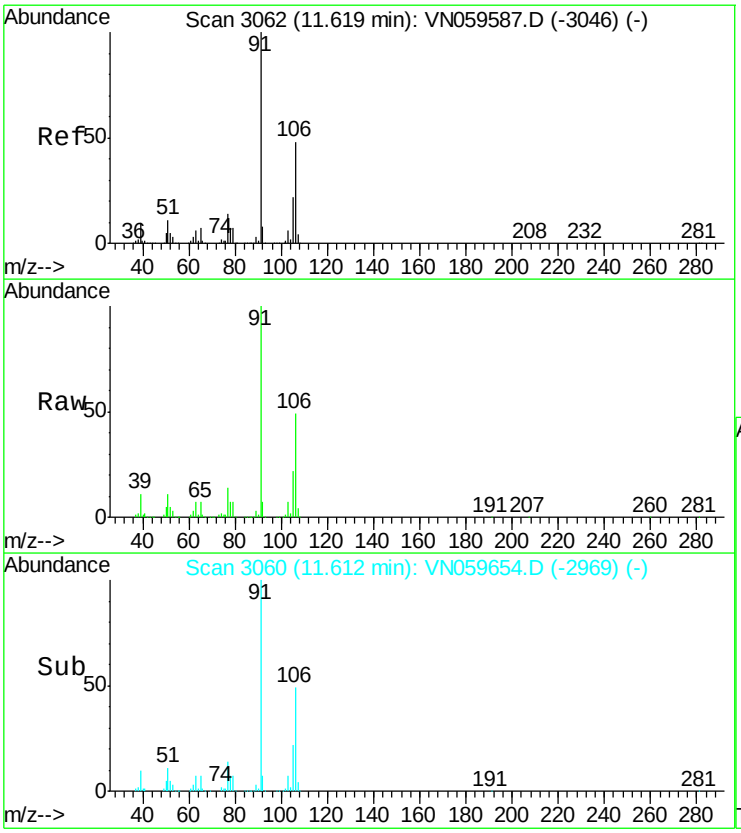
#67
Ethyl Benzene
Concen: 4.763 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. -0.00 min
Lab File: VN059654.D
Acq: 18 Dec 2019 17:10

Instrument : MSVOA_N
ClientSampleId : 30789

Tgt Ion: 91 Resp: 63880

Ion	Ratio	Lower	Upper
91	100		
106	30.9	24.1	36.1

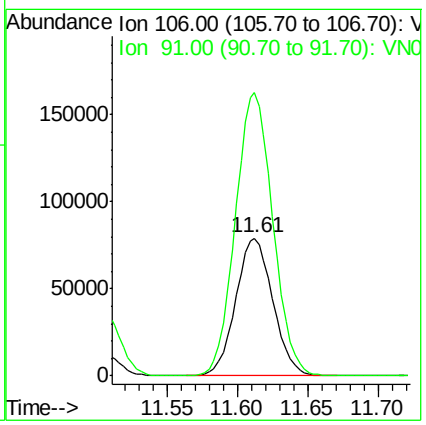


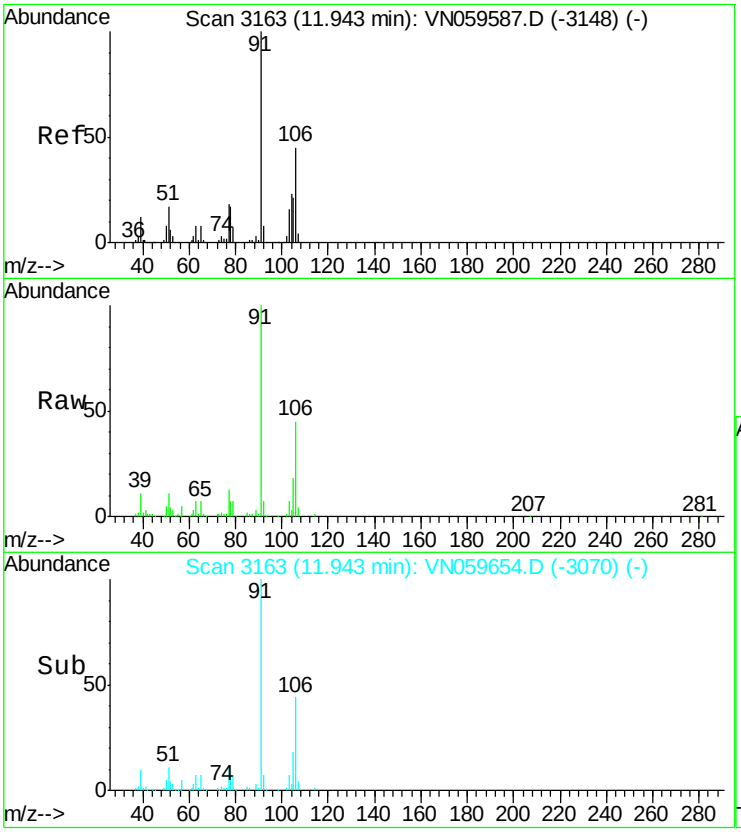


#68
m/p-Xylenes
Concen: 29.434 ug/l
RT: 11.61 min Scan# 3060
Delta R.T. -0.01 min
Lab File: VN059654.D
Acq: 18 Dec 2019 17:10

Tgt Ion:106 Resp: 145779

Ion	Ratio	Lower	Upper
106	100		
91	208.3	167.9	251.9



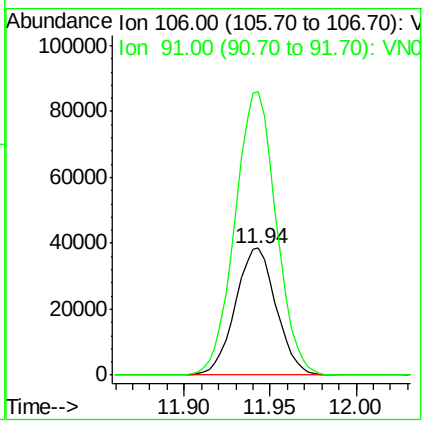


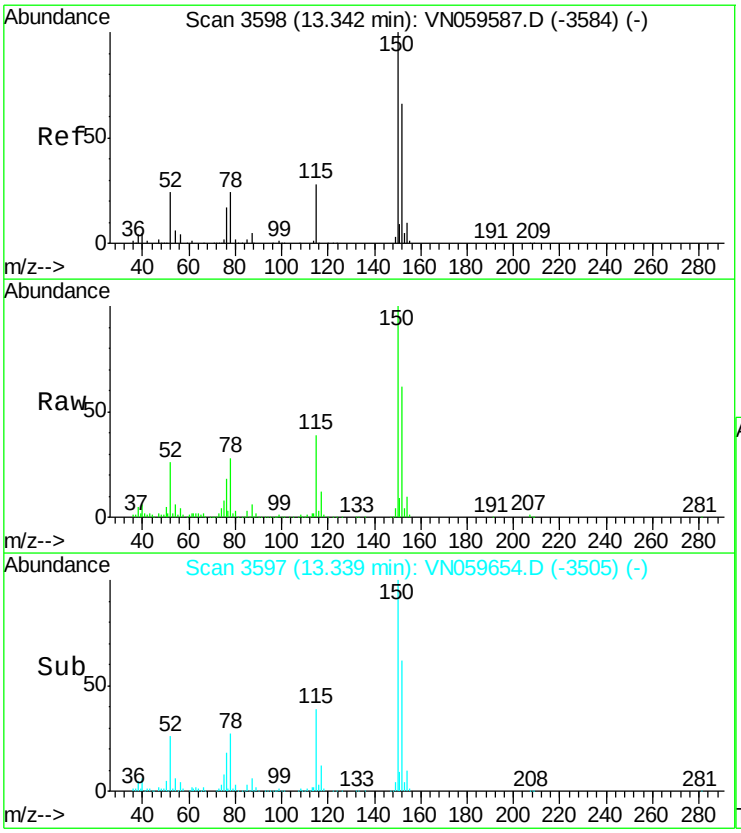
#69
o-Xylene
Concen: 13.514 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. -0.00 min
Lab File: VN059654.D
Acq: 18 Dec 2019 17:10

Instrument :
MSVOA_N
ClientSampleId :
30789

Tgt Ion:106 Resp: 63685

Ion	Ratio	Lower	Upper
106	100		
91	225.6	110.3	330.9

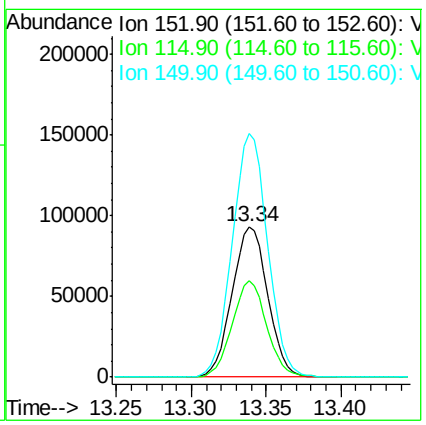


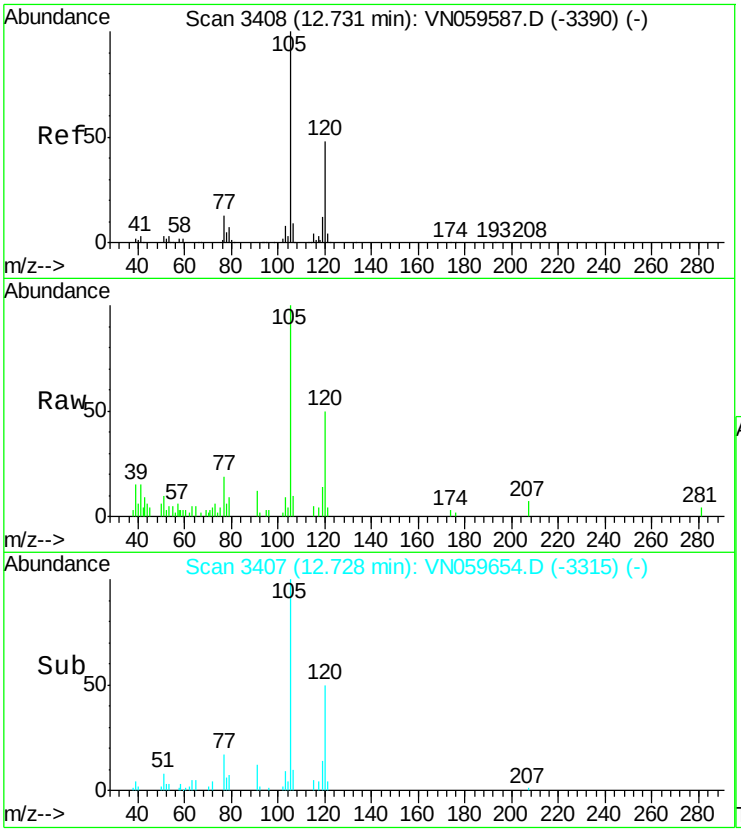


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. -0.00 min
Lab File: VN059654.D
Acq: 18 Dec 2019 17:10

Tgt Ion:152 Resp: 154352

Ion	Ratio	Lower	Upper
152	100		
115	62.5	30.3	90.9
150	161.0	0.0	345.2



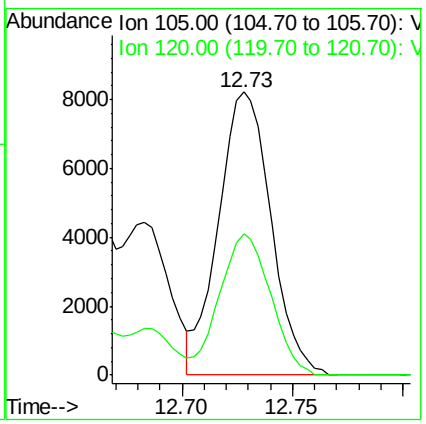


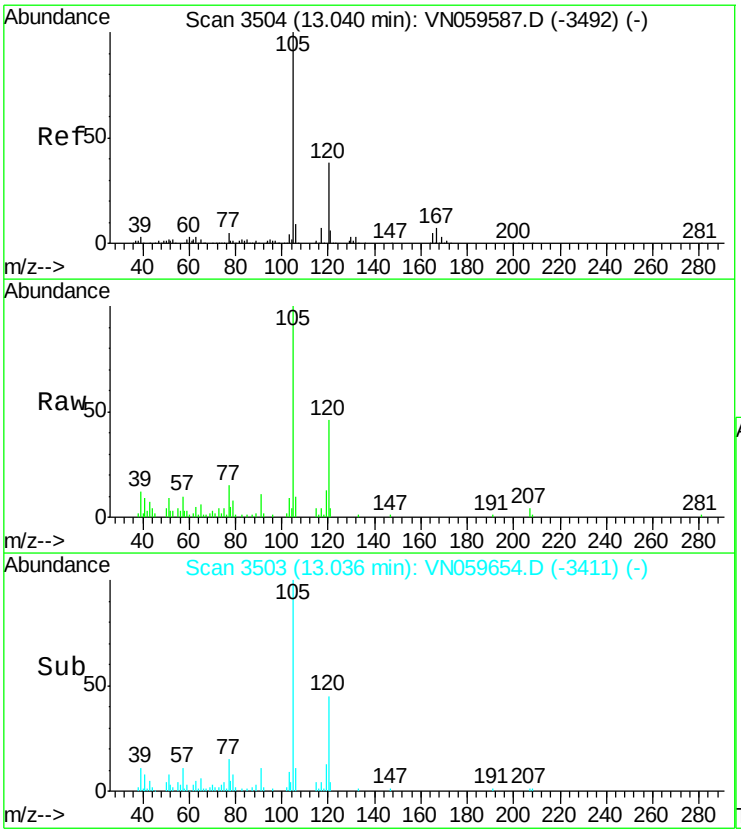
#80
1,3,5-Trimethylbenzene
Concen: 1.322 ug/l
RT: 12.73 min Scan# 3407
Delta R.T. -0.00 min
Lab File: VN059654.D
Acq: 18 Dec 2019 17:10

Instrument :
MSVOA_N
ClientSampleId :
30789

Tgt Ion:105 Resp: 13551

Ion	Ratio	Lower	Upper
105	100		
120	48.7	24.1	72.4

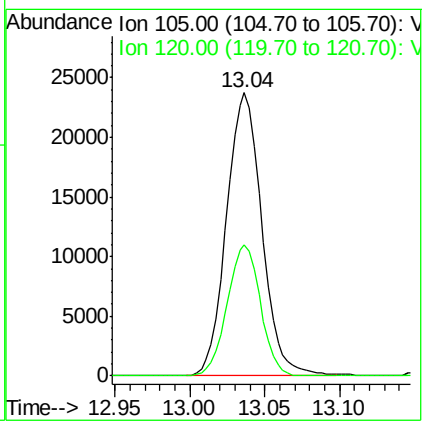


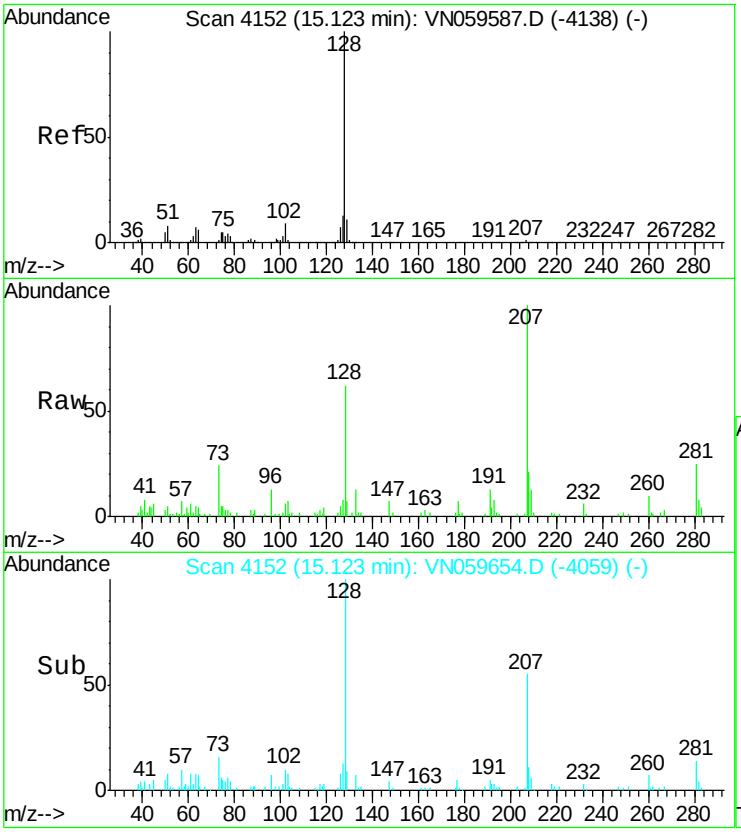


#84
1,2,4-Trimethylbenzene
Concen: 3.844 ug/l
RT: 13.04 min Scan# 3503
Delta R.T. -0.00 min
Lab File: VN059654.D
Acq: 18 Dec 2019 17:10

Tgt Ion:105 Resp: 39196

Ion	Ratio	Lower	Upper
105	100		
120	43.3	22.3	66.9





#95
Naphthalene
Concen: 1.599 ug/l
RT: 15.12 min Scan# 4152
Delta R.T. -0.00 min
Lab File: VN059654.D
Acq: 18 Dec 2019 17:10

Instrument :
MSVOA_N
ClientSampleId :
30789

Tgt Ion:128 Resp: 16653

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	12.7	8.6	12.8