Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121819\
Data File : VN059652.D
Acq On : 18 Dec 2019 16:26
Operator : JC/SP
Sample : K6309-04 50X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 30787

Quant Time: Dec 19 05:43:20 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	237880	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	384504	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	347725	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	150553	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	172168	49.74	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.48%			
35) Dibromofluoromethane	7.56	113	121036	50.31	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.62%			
50) Toluene-d8	10.08	98	477543	50.14	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.28%			
62) 4-Bromofluorobenzene	12.40	95	167840	48.29	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.58%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.75	59	22630	35.660	ug/l #	80
16) Acetone	3.79	43	49845	24.254	ug/l	99
18) Methyl Acetate	4.30	43	9729	2.259	ug/l #	88
19) Methyl tert-butyl Ether	5.01	73	9231	1.048	ug/l	100
25) 2-Butanone	6.81	43	17956	7.307	ug/l	91
40) Benzene	8.02	78	24706	2.108	ug/l	97
52) Toluene	10.14	92	40707	5.654	ug/l	98
67) Ethyl Benzene	11.50	91	25155	1.852	ug/l	97
68) m/p-Xylenes	11.61	106	45395	9.052	ug/l	99
69) o-Xylene	11.94	106	21372	4.479	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	15863	1.595	ug/l	96
95) Naphthalene	15.12	128	21931	2.158	ug/l	98

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

Quantitation Report (QT Reviewed)

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Data File : VN059652.D
Acq On : 18 Dec 2019 16:26
Operator : JC/SP
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Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 30787

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Quant Title : SW846 8260
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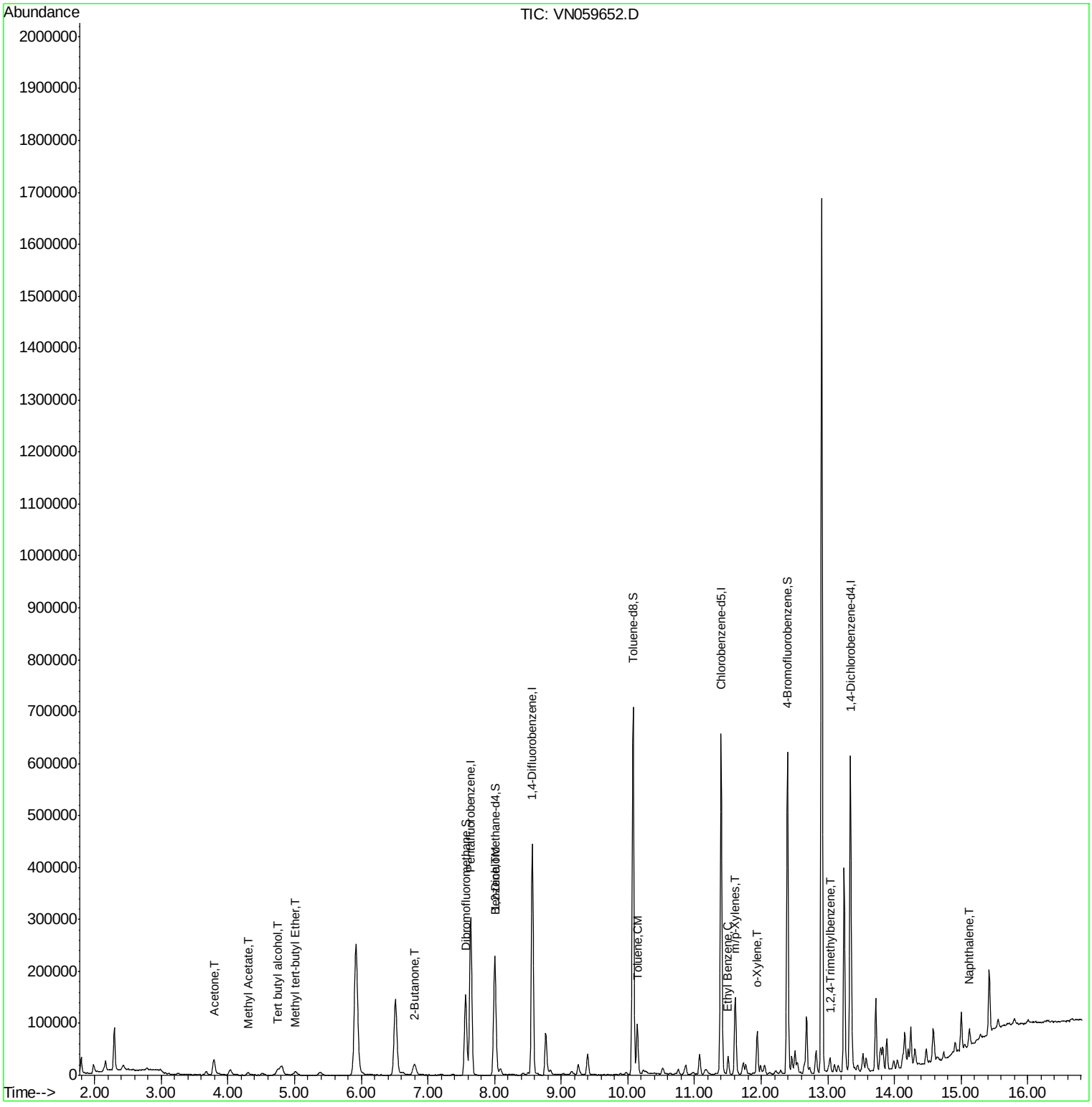
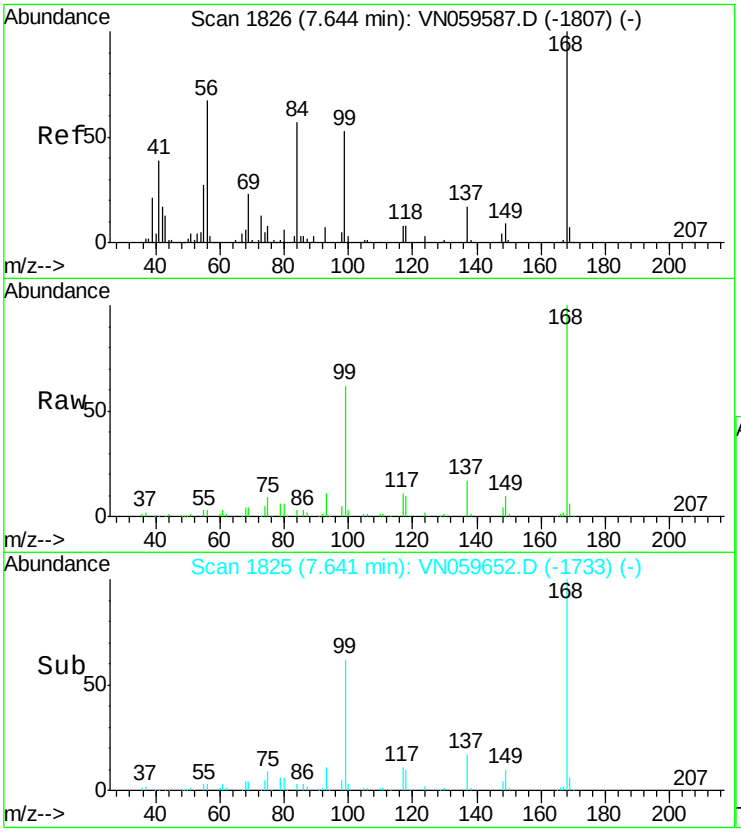
Response via : Initial Calibration



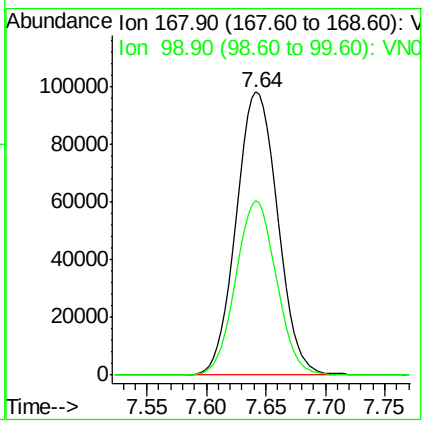


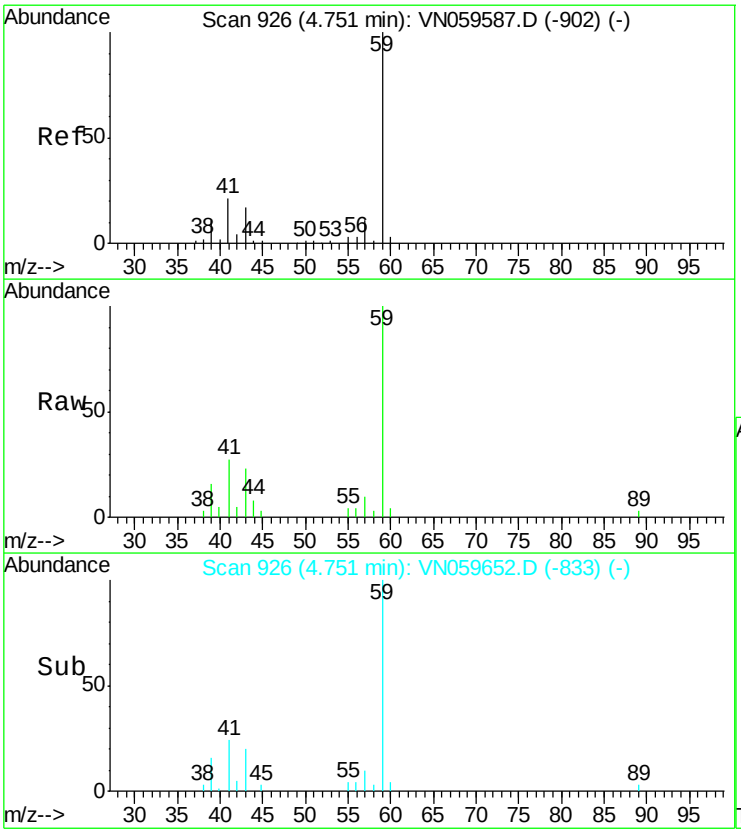
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.64 min Scan# 1825
Delta R.T. -0.00 min
Lab File: VN059652.D
Acq: 18 Dec 2019 16:26

Instrument : MSVOA_N
ClientSampleId : 30787

Tgt Ion:168 Resp: 237880

Ion	Ratio	Lower	Upper
168	100		
99	61.5	48.2	72.4

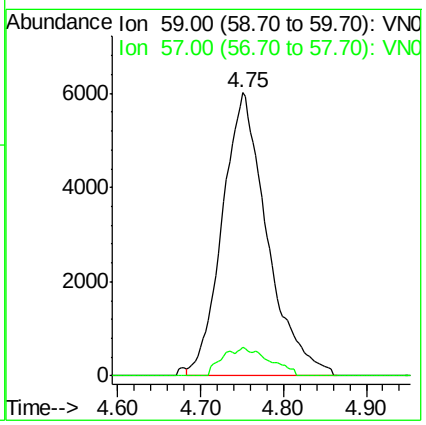


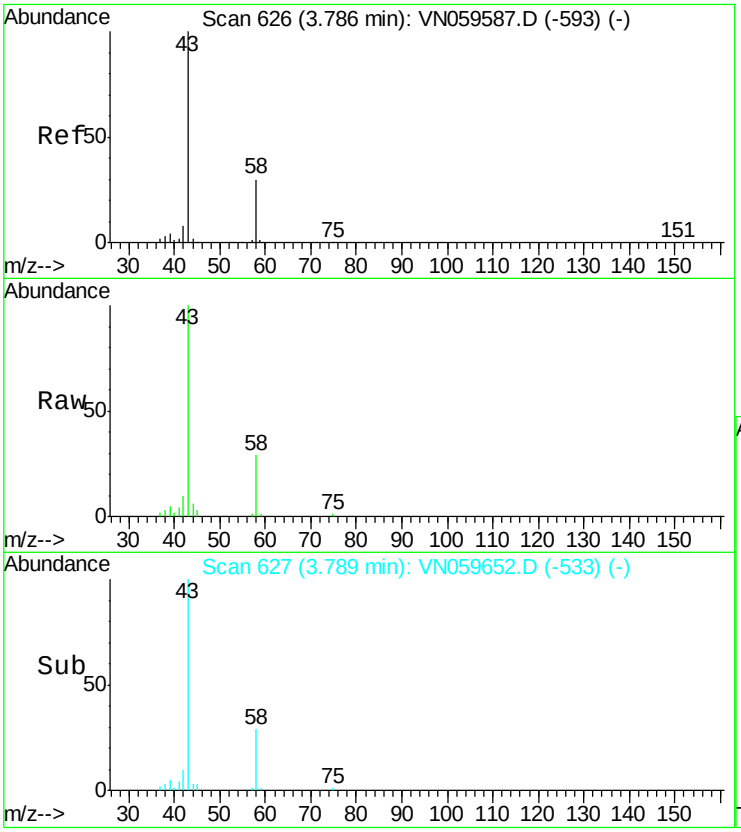


#11
Tert butyl alcohol
Concen: 35.660 ug/l
RT: 4.75 min Scan# 926
Delta R.T. 0.00 min
Lab File: VN059652.D
Acq: 18 Dec 2019 16:26

Tgt Ion: 59 Resp: 22630

Ion	Ratio	Lower	Upper
59	100		
57	3.3	8.6	12.8#



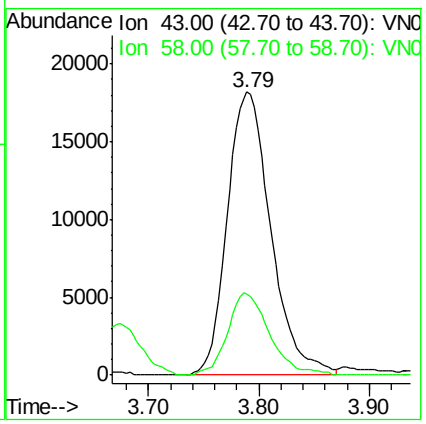


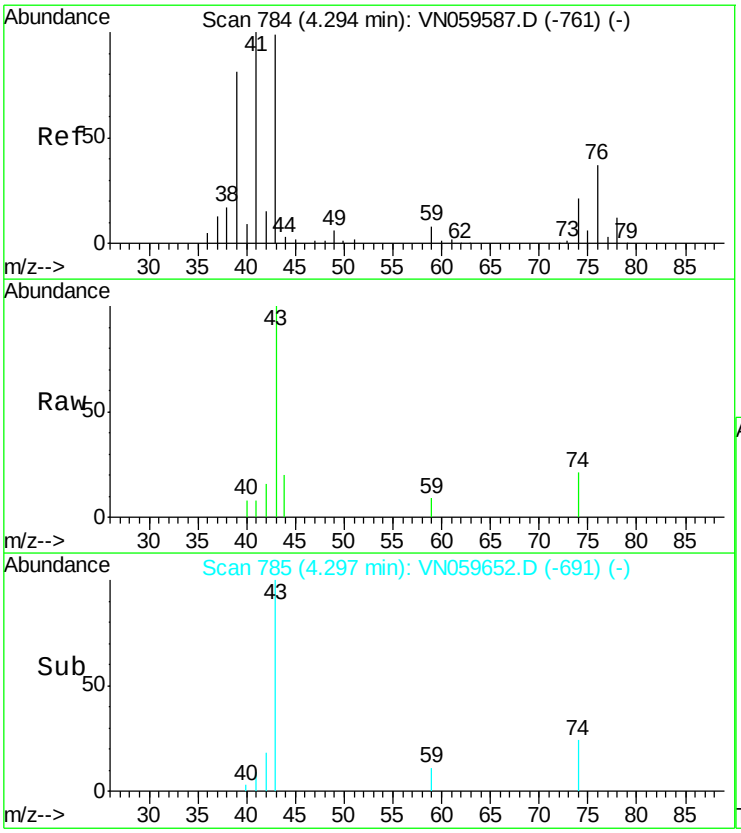
#16
Acetone
Concen: 24.254 ug/l
RT: 3.79 min Scan# 627
Delta R.T. 0.00 min
Lab File: VN059652.D
Acq: 18 Dec 2019 16:26

Instrument :
MSVOA_N
ClientSampleId :
30787

Tgt Ion: 43 Resp: 49845

Ion	Ratio	Lower	Upper
43	100		
58	28.8	23.6	35.4

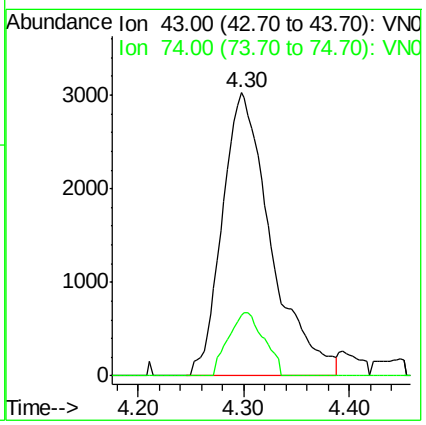


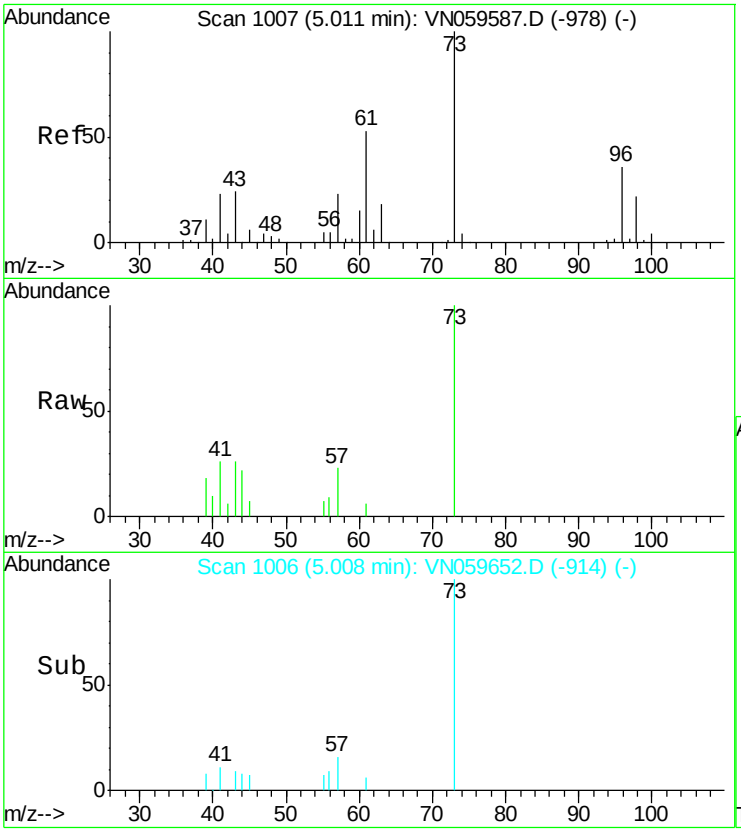


#18
Methyl Acetate
Concen: 2.259 ug/l
RT: 4.30 min Scan# 785
Delta R.T. 0.00 min
Lab File: VN059652.D
Acq: 18 Dec 2019 16:26

Tgt Ion: 43 Resp: 9729

Ion	Ratio	Lower	Upper
43	100		
74	16.3	17.5	26.3#



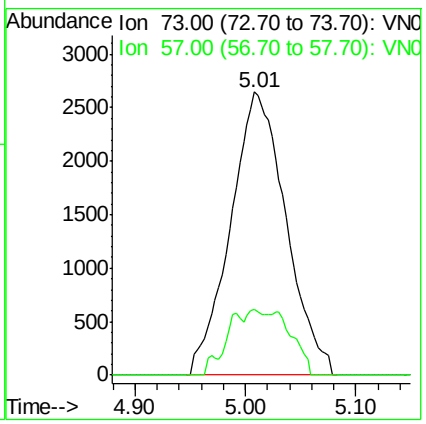


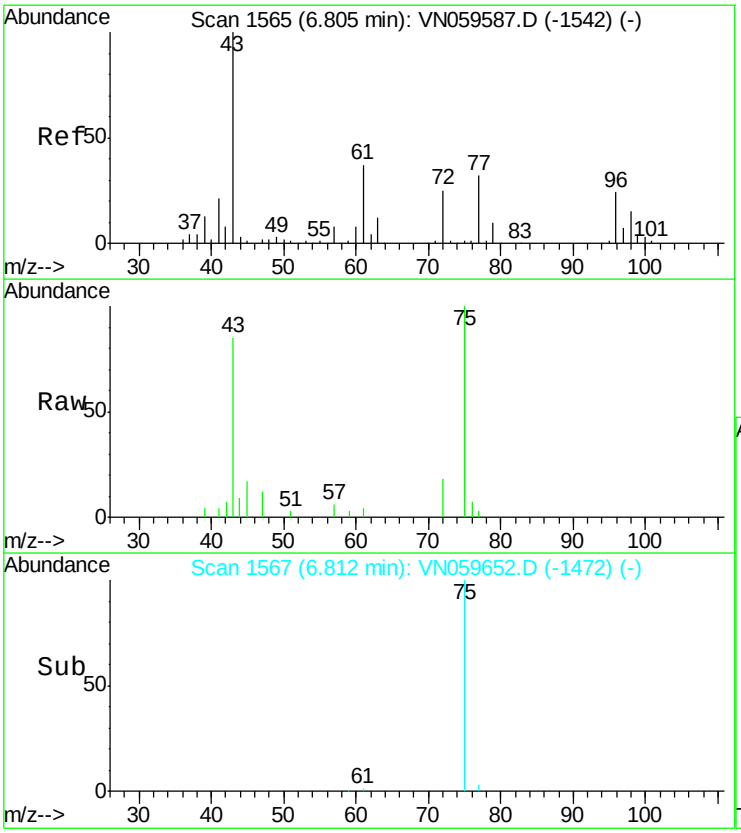
#19
Methyl tert-butyl Ether
Concen: 1.048 ug/l
RT: 5.01 min Scan# 1006
Delta R.T. -0.00 min
Lab File: VN059652.D
Acq: 18 Dec 2019 16:26

Instrument :
MSVOA_N
ClientSampleId :
30787

Tgt Ion: 73 Resp: 9231

Ion	Ratio	Lower	Upper
73	100		
57	23.4	18.6	27.8

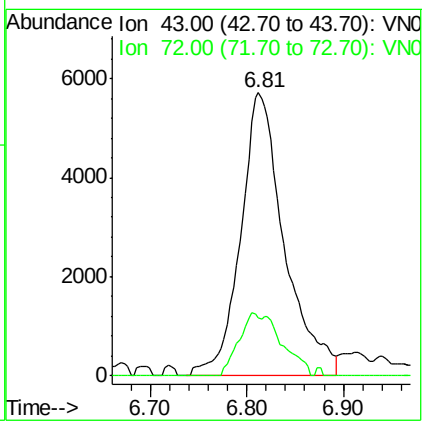


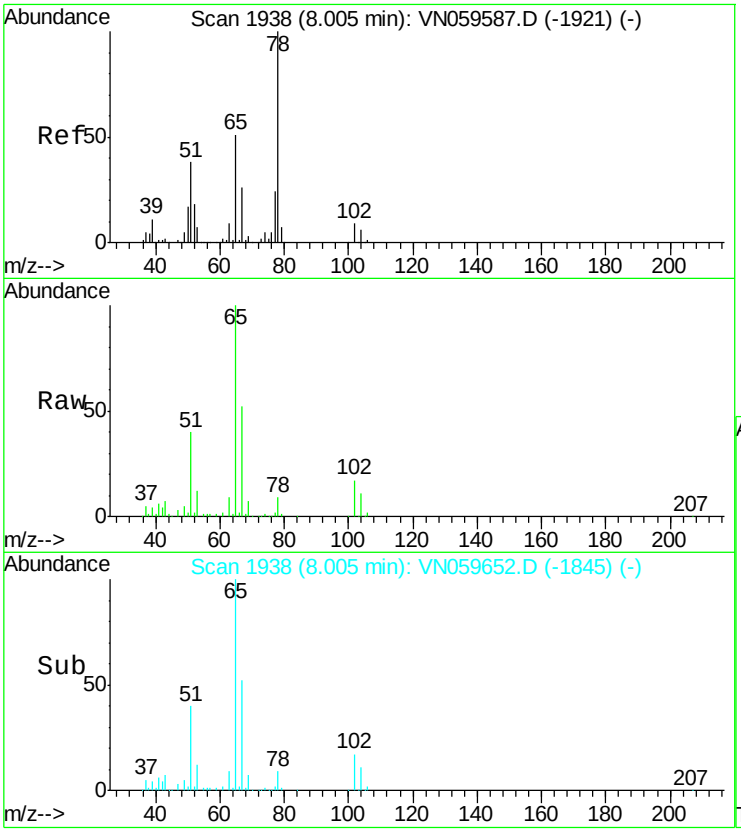


#25
2-Butanone
Concen: 7.307 ug/l
RT: 6.81 min Scan# 1567
Delta R.T. 0.01 min
Lab File: VN059652.D
Acq: 18 Dec 2019 16:26

Tgt Ion: 43 Resp: 17956

Ion	Ratio	Lower	Upper
43	100		
72	20.6	19.9	29.9



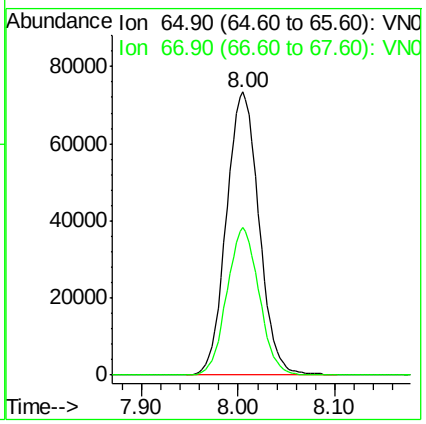


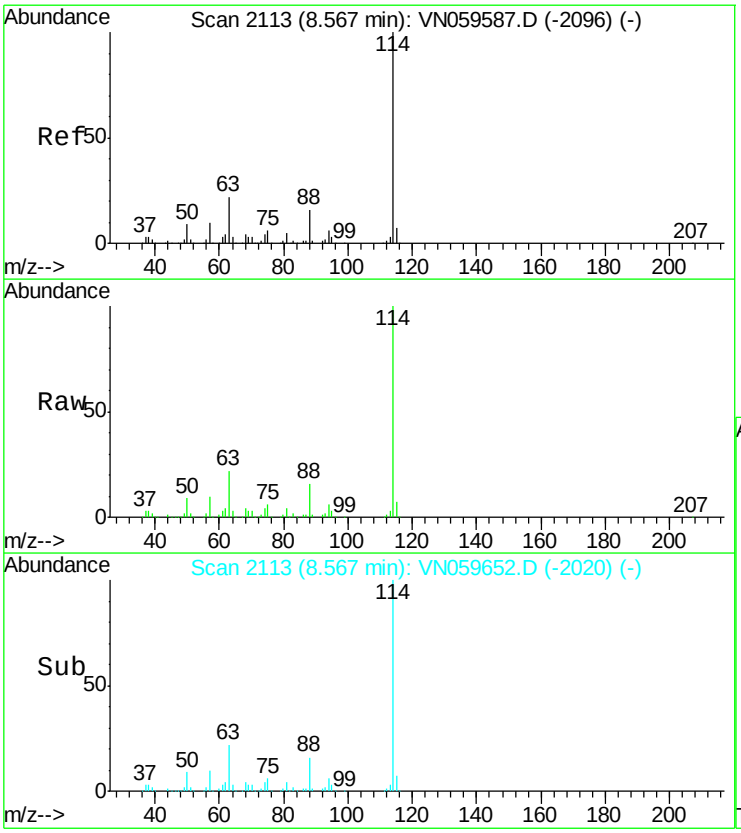
#33
1,2-Dichloroethane-d4
Concen: 49.738 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VN059652.D
Acq: 18 Dec 2019 16:26

Instrument :
MSVOA_N
ClientSampleId :
30787

Tgt Ion: 65 Resp: 172168

Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	103.0

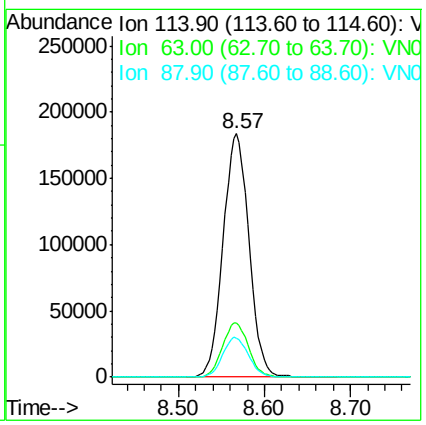


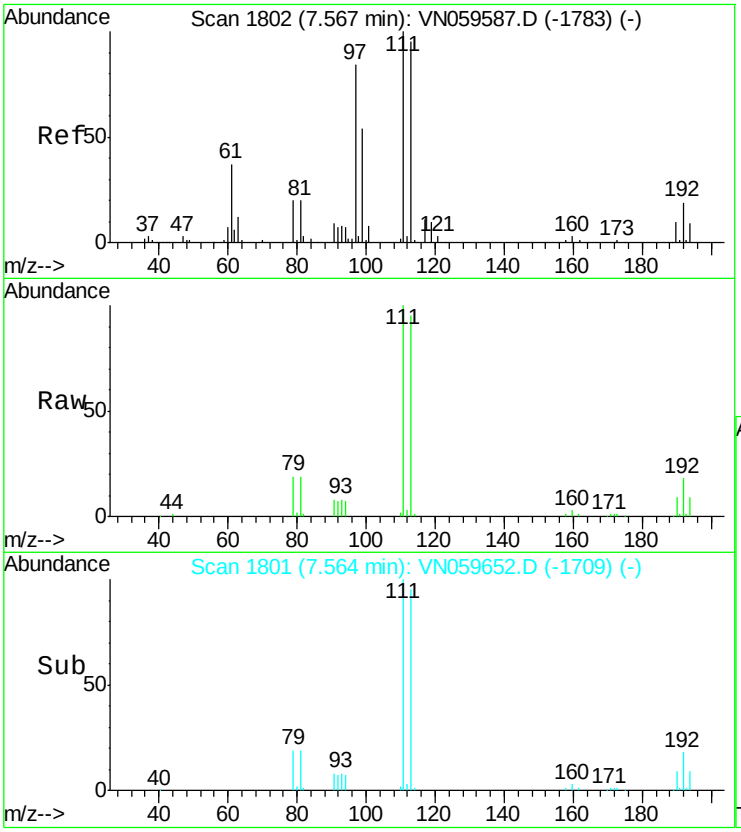


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2113
Delta R.T. 0.00 min
Lab File: VN059652.D
Acq: 18 Dec 2019 16:26

Tgt Ion:114 Resp: 384504

Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	43.6
88	16.2	0.0	31.4



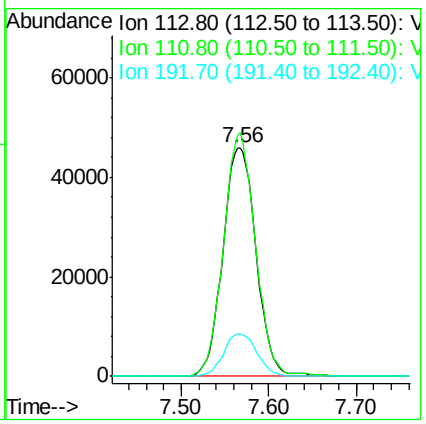


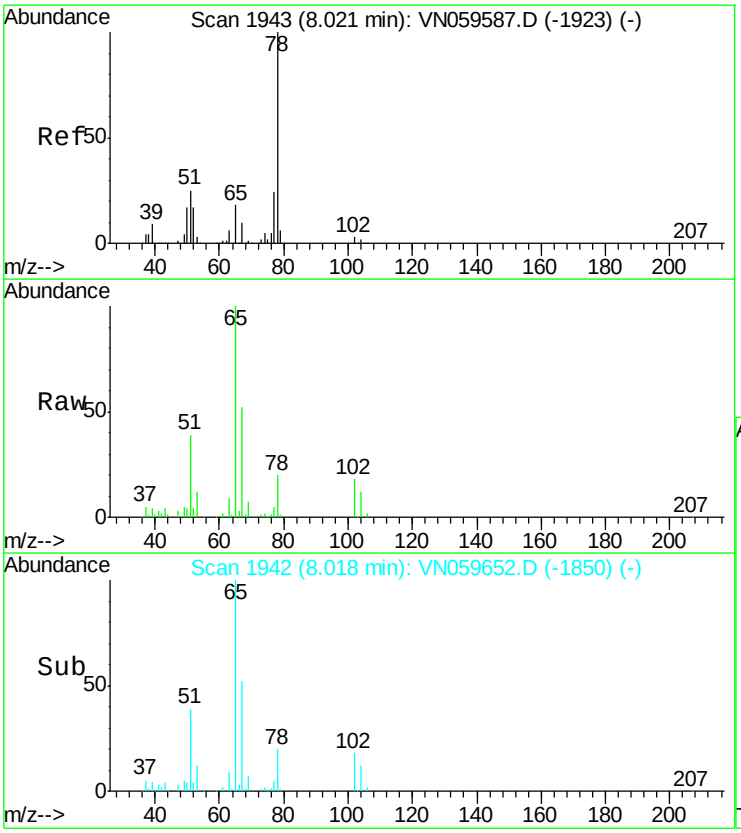
#35
Dibromofluoromethane
Concen: 50.310 ug/l
RT: 7.56 min Scan# 1801
Delta R.T. -0.00 min
Lab File: VN059652.D
Acq: 18 Dec 2019 16:26

Instrument :
MSVOA_N
ClientSampleId :
30787

Tgt Ion:113 Resp: 121036

Ion	Ratio	Lower	Upper
113	100		
111	101.7	83.5	125.3
192	18.6	15.4	23.2

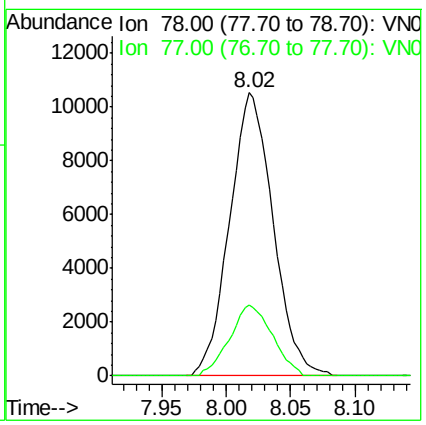


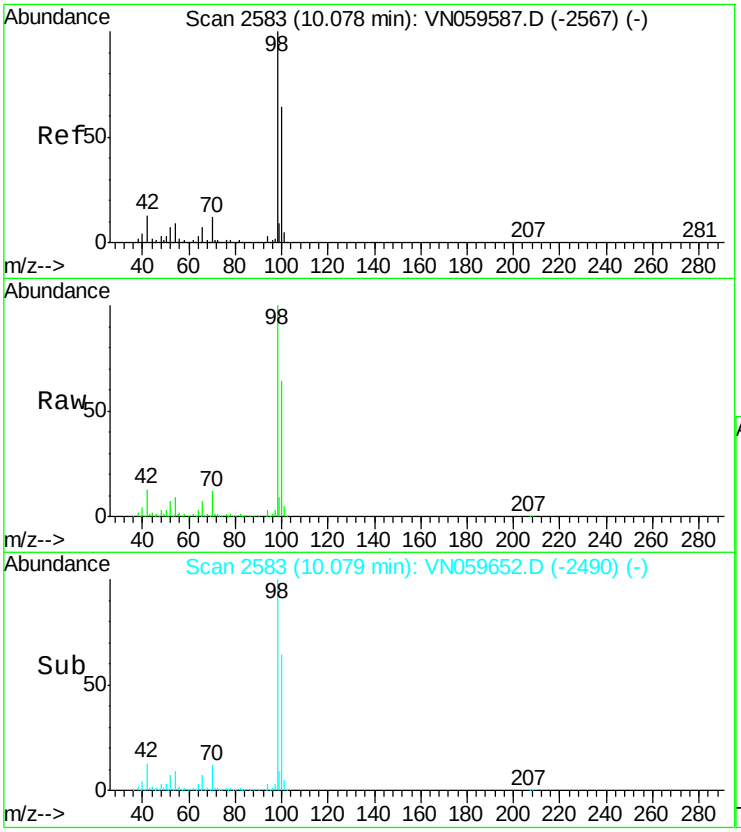


#40
Benzene
Concen: 2.108 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN059652.D
Acq: 18 Dec 2019 16:26

Tgt Ion: 78 Resp: 24706

Ion	Ratio	Lower	Upper
78	100		
77	25.0	18.9	28.3



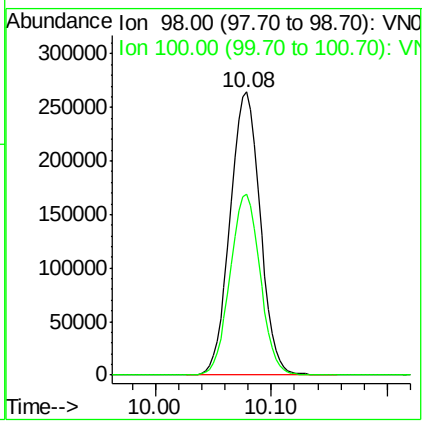


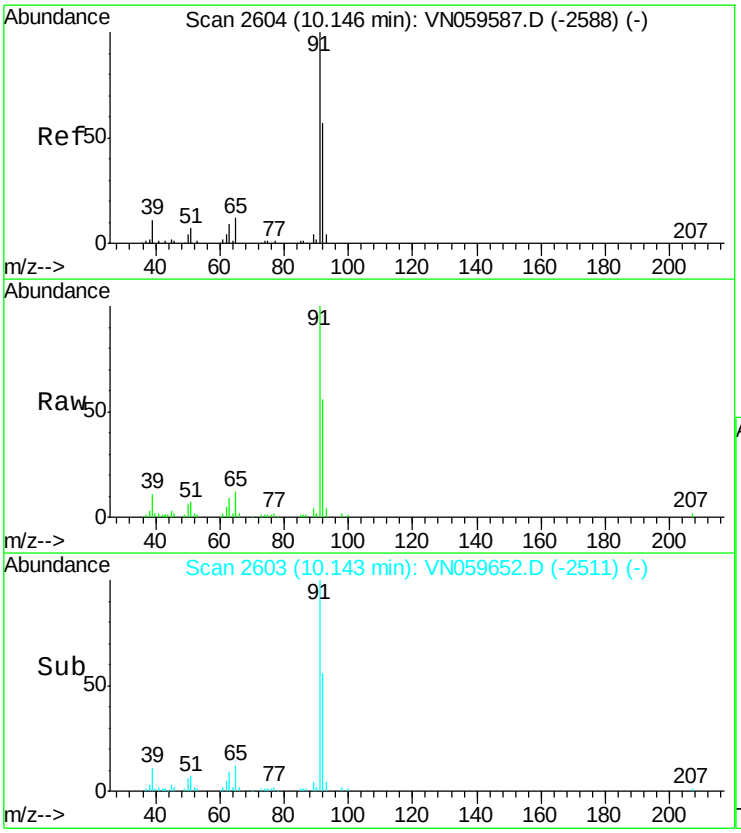
#50
Toluene-d8
Concen: 50.136 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. 0.00 min
Lab File: VN059652.D
Acq: 18 Dec 2019 16:26

Instrument : MSVOA_N
ClientSampleId : 30787

Tgt Ion: 98 Resp: 477543

Ion	Ratio	Lower	Upper
98	100		
100	63.8	51.2	76.8

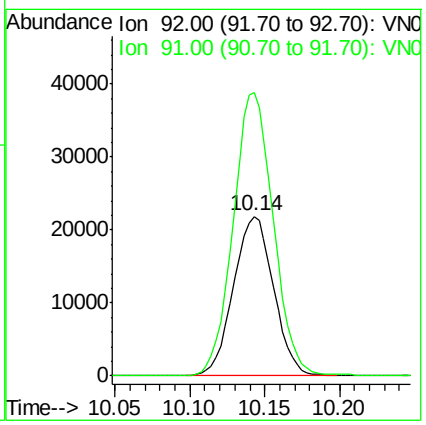


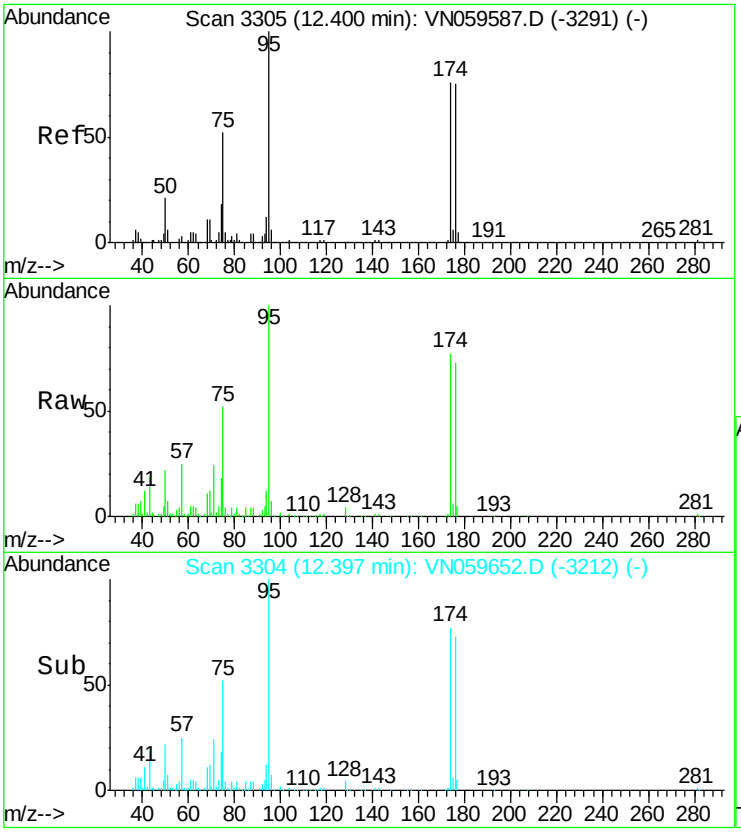


#52
Toluene
Concen: 5.654 ug/l
RT: 10.14 min Scan# 2603
Delta R.T. -0.00 min
Lab File: VN059652.D
Acq: 18 Dec 2019 16:26

Tgt Ion: 92 Resp: 40707

Ion	Ratio	Lower	Upper
92	100		
91	177.7	140.4	210.6



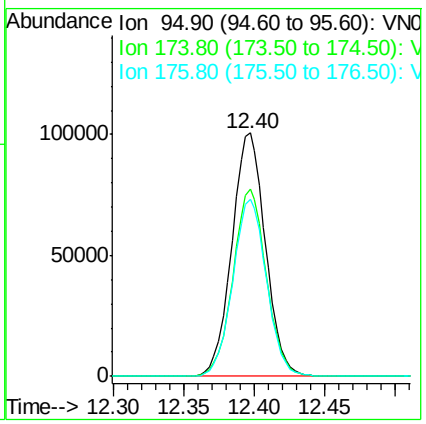


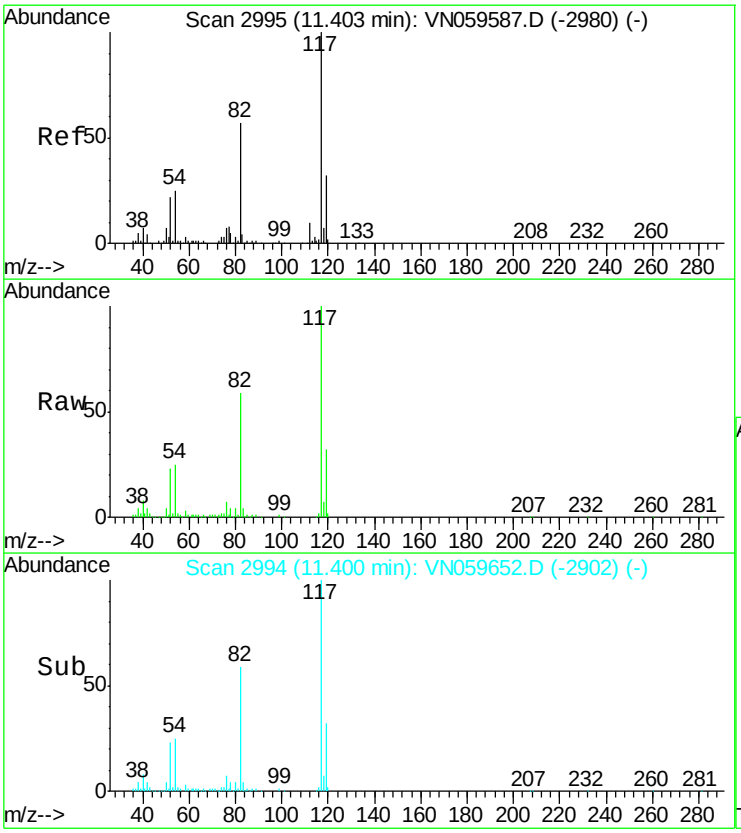
#62
4-Bromofluorobenzene
Concen: 48.292 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. -0.00 min
Lab File: VN059652.D
Acq: 18 Dec 2019 16:26

Instrument :
MSVOA_N
ClientSampleId :
30787

Tgt Ion: 95 Resp: 167840

Ion	Ratio	Lower	Upper
95	100		
174	76.2	0.0	151.4
176	73.2	0.0	146.0

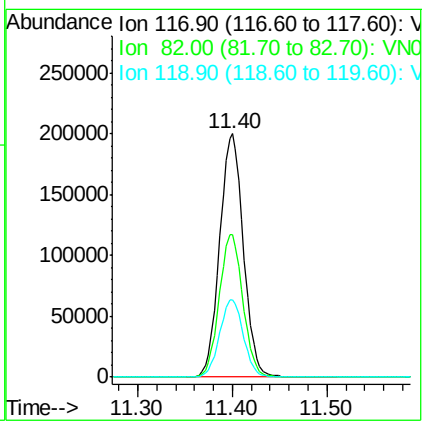


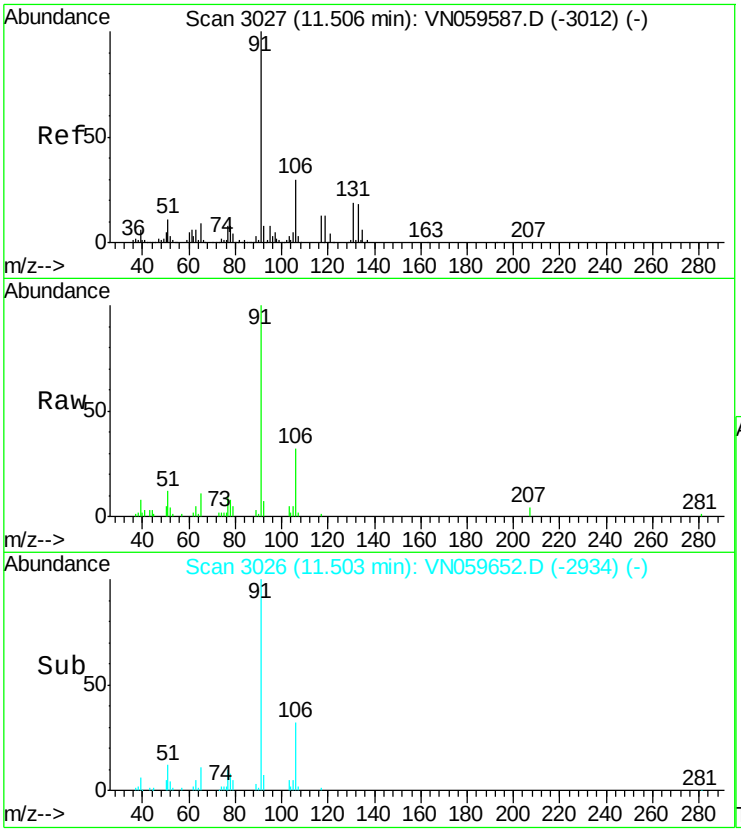


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN059652.D
Acq: 18 Dec 2019 16:26

Tgt Ion:117 Resp: 347725

Ion	Ratio	Lower	Upper
117	100		
82	58.6	45.9	68.9
119	32.0	25.5	38.3



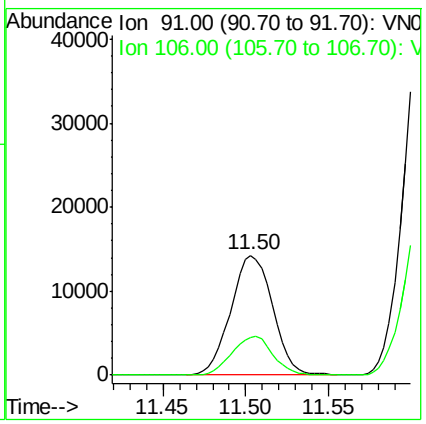


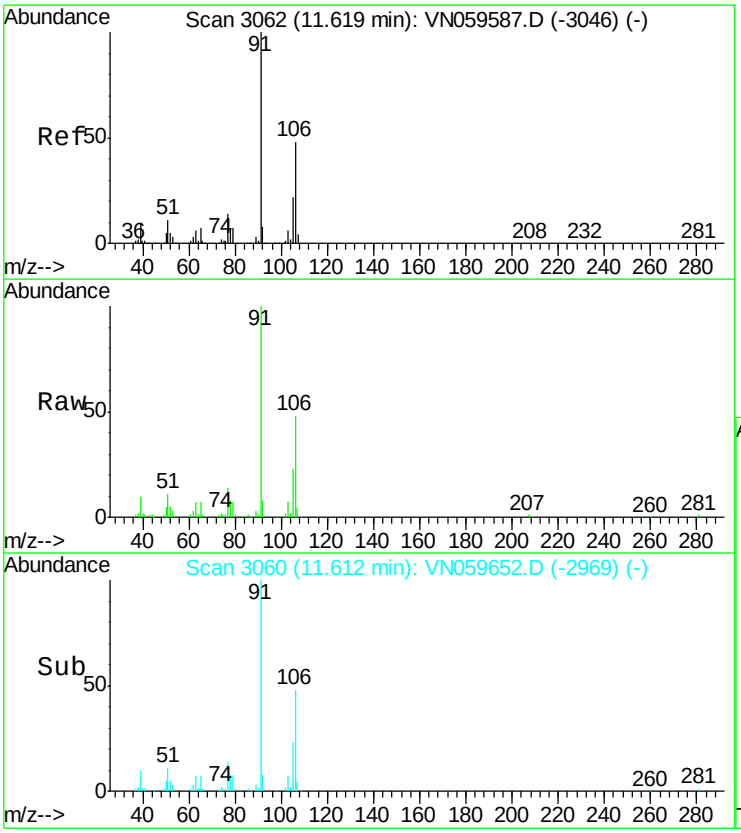
#67
Ethyl Benzene
Concen: 1.852 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. -0.00 min
Lab File: VN059652.D
Acq: 18 Dec 2019 16:26

Instrument : MSVOA_N
ClientSampleId : 30787

Tgt Ion: 91 Resp: 25155

Ion	Ratio	Lower	Upper
91	100		
106	31.6	24.1	36.1

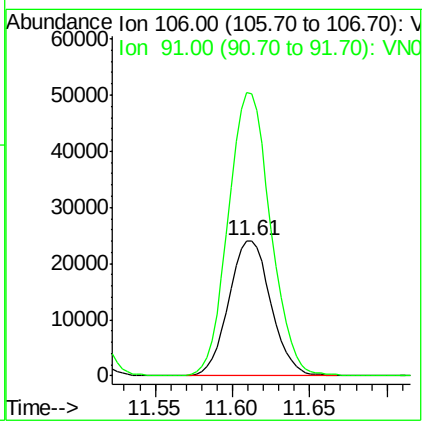


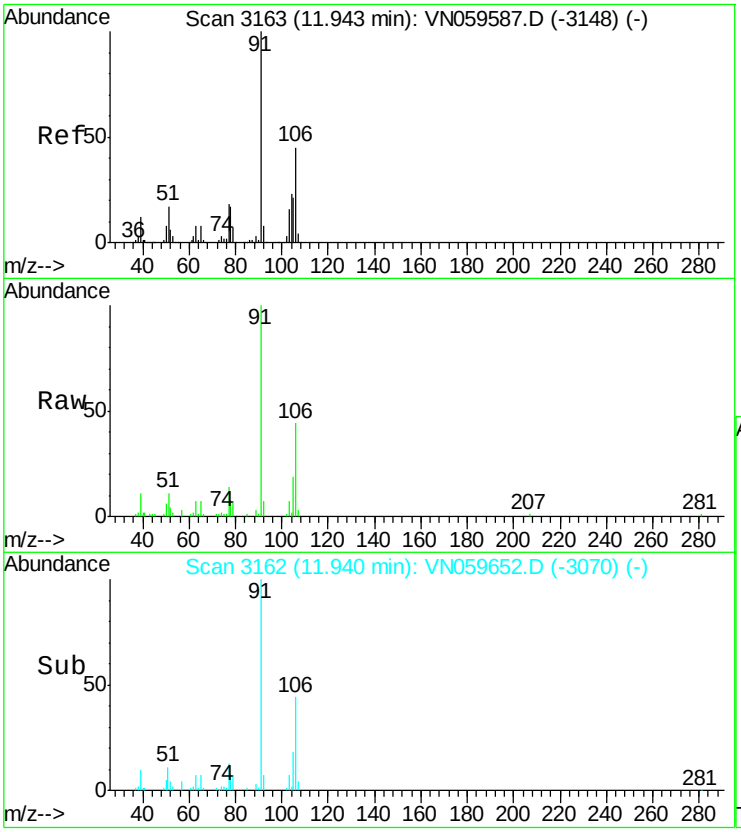


#68
m/p-Xylenes
Concen: 9.052 ug/l
RT: 11.61 min Scan# 3060
Delta R.T. -0.01 min
Lab File: VN059652.D
Acq: 18 Dec 2019 16:26

Tgt Ion:106 Resp: 45395

Ion	Ratio	Lower	Upper
106	100		
91	210.9	167.9	251.9



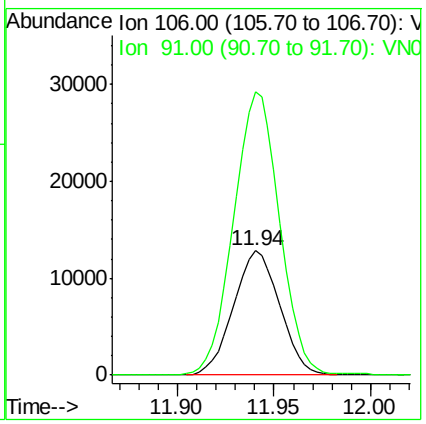


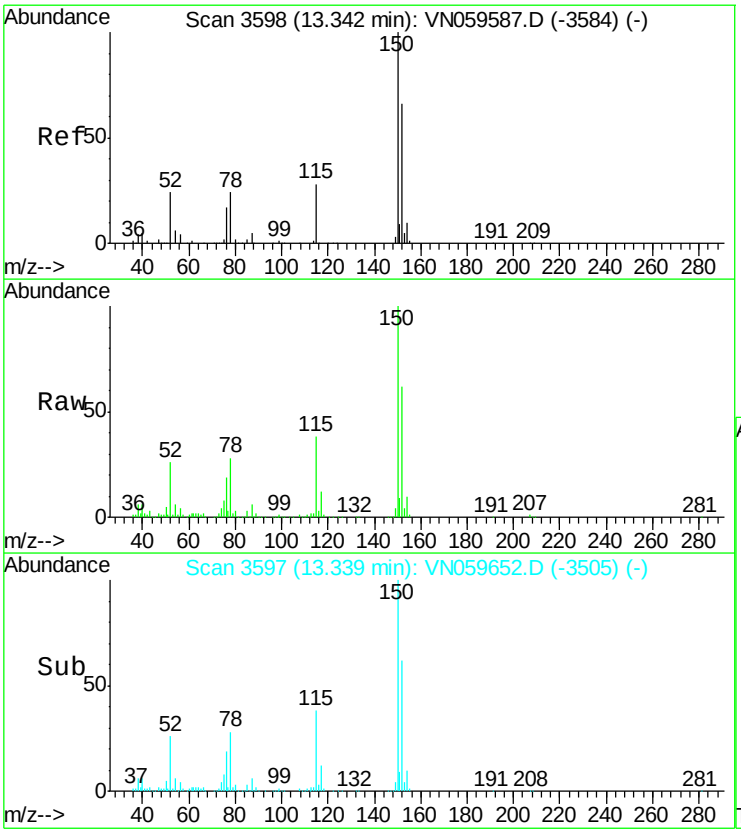
#69
o-Xylene
Concen: 4.479 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. -0.00 min
Lab File: VN059652.D
Acq: 18 Dec 2019 16:26

Instrument : MSVOA_N
ClientSampleId : 30787

Tgt Ion:106 Resp: 21372

Ion	Ratio	Lower	Upper
106	100		
91	225.9	110.3	330.9

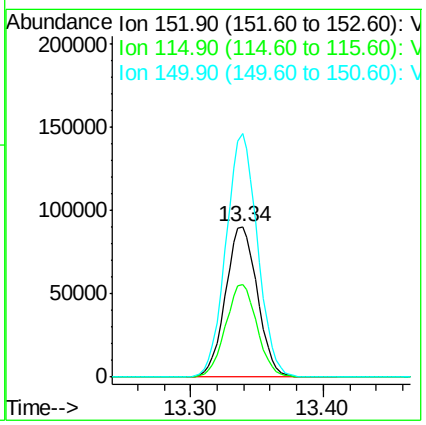


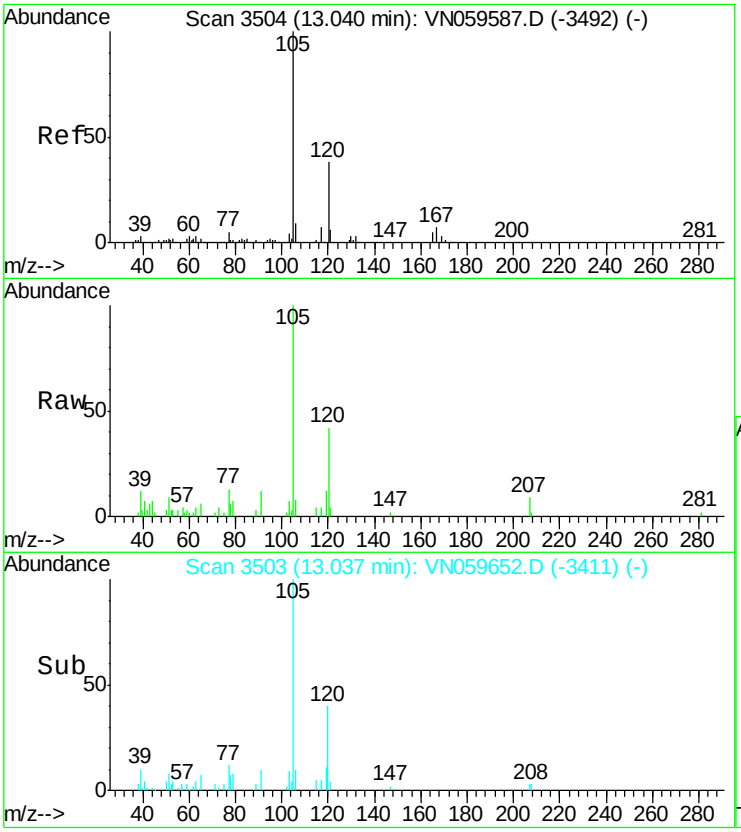


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. -0.00 min
Lab File: VN059652.D
Acq: 18 Dec 2019 16:26

Tgt Ion:152 Resp: 150553

Ion	Ratio	Lower	Upper
152	100		
115	61.0	30.3	90.9
150	160.2	0.0	345.2



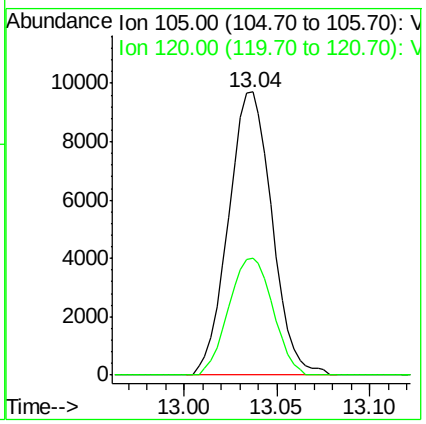


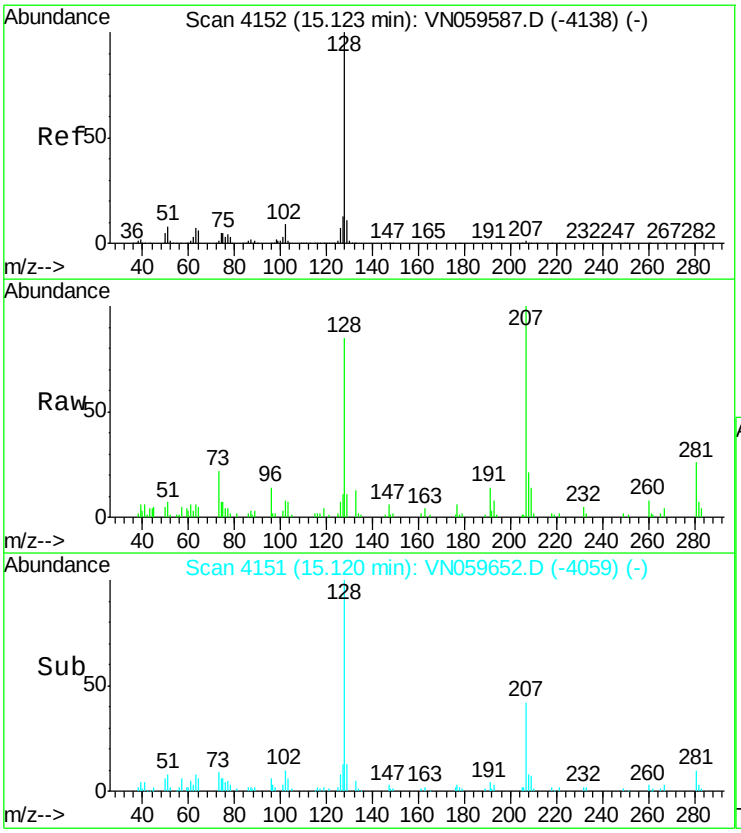
#84
1,2,4-Trimethylbenzene
Concen: 1.595 ug/l
RT: 13.04 min Scan# 3503
Delta R.T. -0.00 min
Lab File: VN059652.D
Acq: 18 Dec 2019 16:26

Instrument : MSVOA_N
ClientSampleId : 30787

Tgt Ion:105 Resp: 15863

Ion	Ratio	Lower	Upper
105	100		
120	41.8	22.3	66.9





#95
Naphthalene
Concen: 2.158 ug/l
RT: 15.12 min Scan# 4151
Delta R.T. -0.00 min
Lab File: VN059652.D
Acq: 18 Dec 2019 16:26

Tgt Ion:128 Resp: 21931

Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.4	15.6
129	12.2	8.6	12.8