Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN100719\
Data File : VN058562.D
Acq On : 7 Oct 2019 13:18
Operator : JC/SP
Sample : K5227-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 002-35TH-AVE-(OCT)

Quant Time: Oct 08 14:54:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N092419W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Sep 25 01:36:25 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.18	128	70272	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.57	114	406574	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	355350	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.01	65	190314	30.64	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 102.13%			
60) 4-Bromofluorobenzene	12.41	95	172445	28.05	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 93.50%			
63) Toluene-d8	10.09	98	506767	29.88	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 99.60%			
Target Compounds						Qvalue
15) Acetone	3.79	58	33213	56.462	ug/l	100
62) Toluene	10.15	91	250430	12.868	ug/l	99
67) m/p-Xylenes	11.62	106	2883	0.354	ug/l	90
68) o-Xylene	11.96	106	1662	0.210	ug/l	79

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

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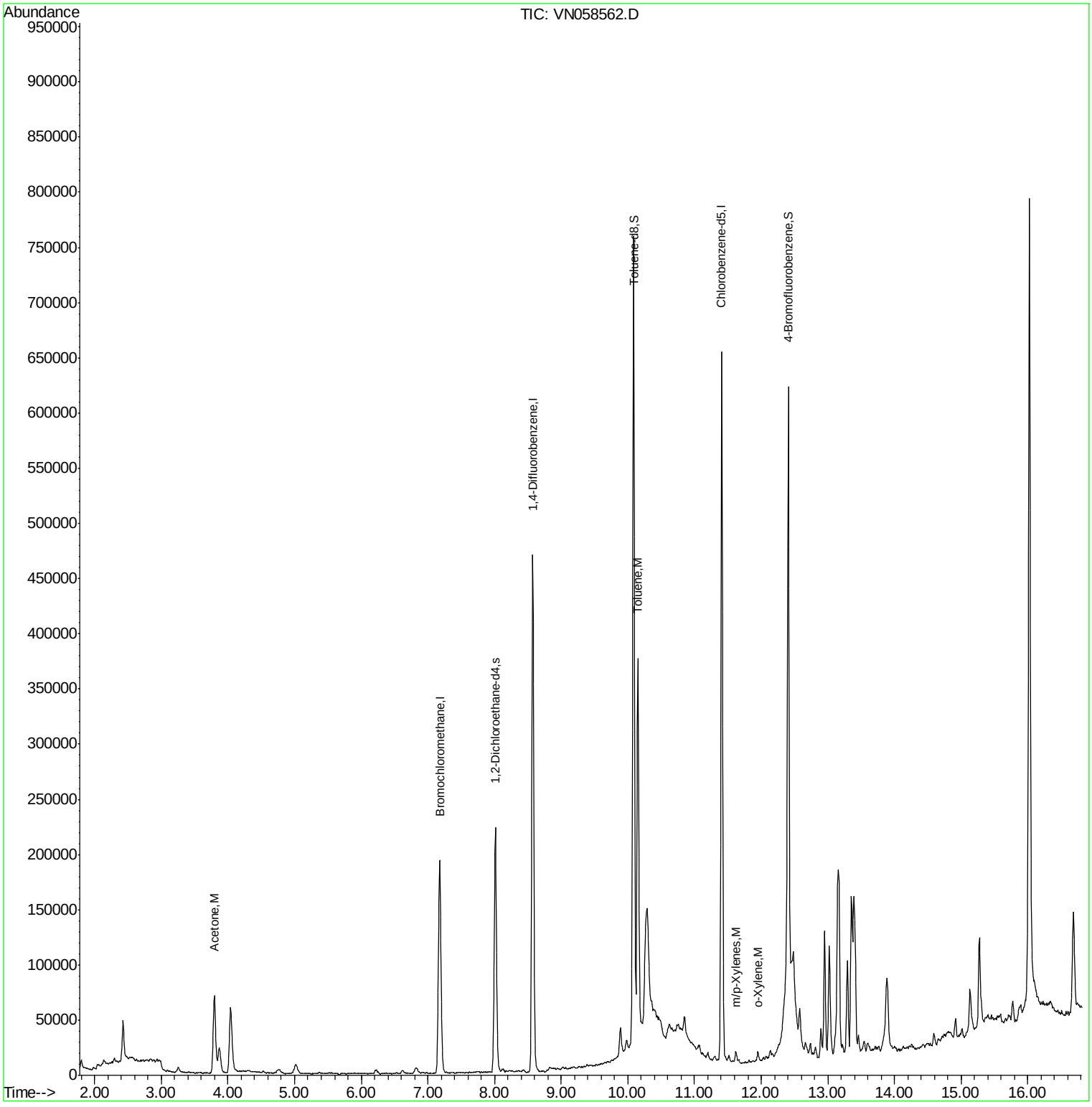
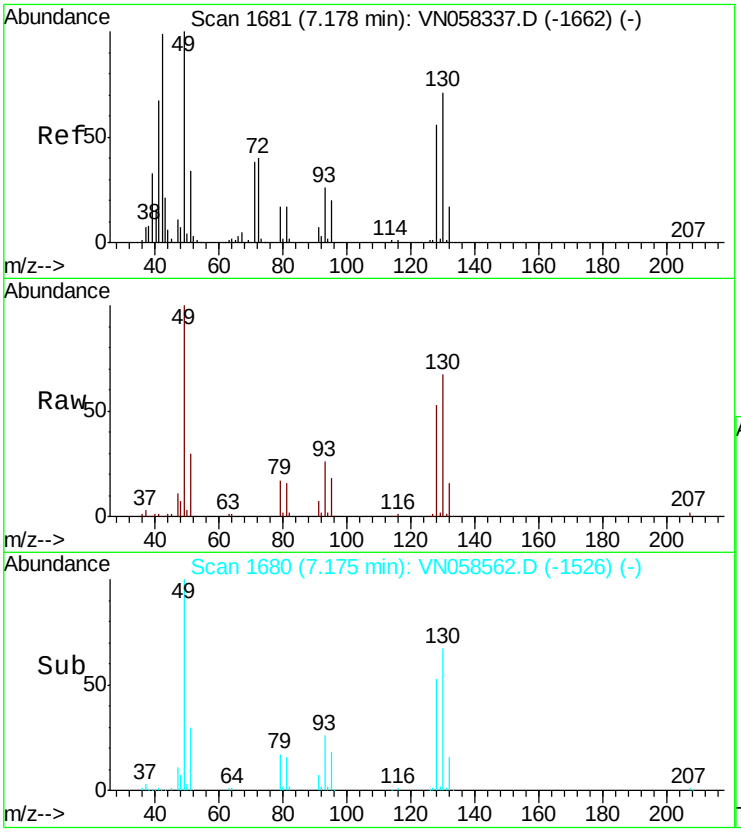


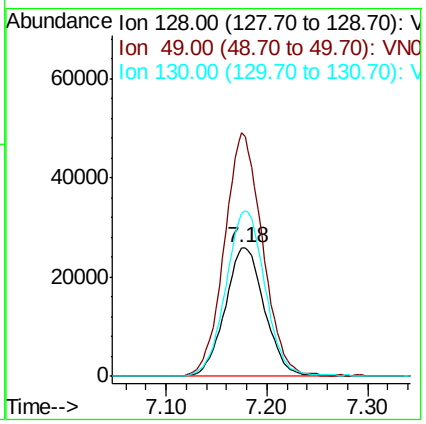


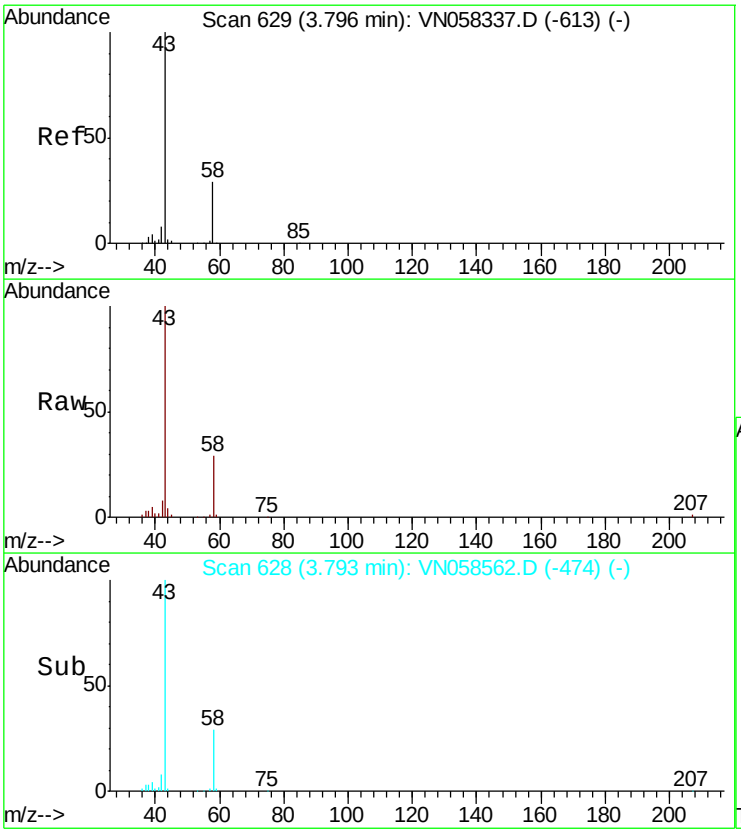
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VN058562.D
Acq: 7 Oct 2019 13:18

Instrument :
MSVOA_N
ClientSampleId :
002-35TH-AVE-(OCT)

Tgt Ion:128 Resp: 70272

Ion	Ratio	Lower	Upper
128	100		
49	182.7	0.0	458.5
130	127.6	0.0	320.7

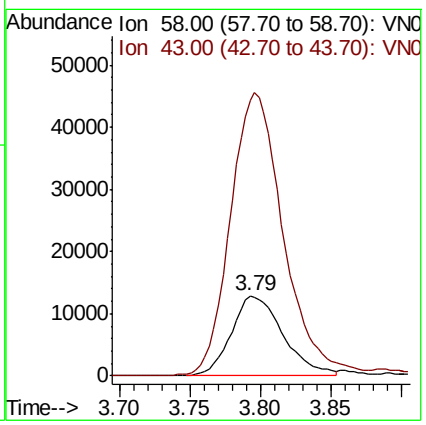


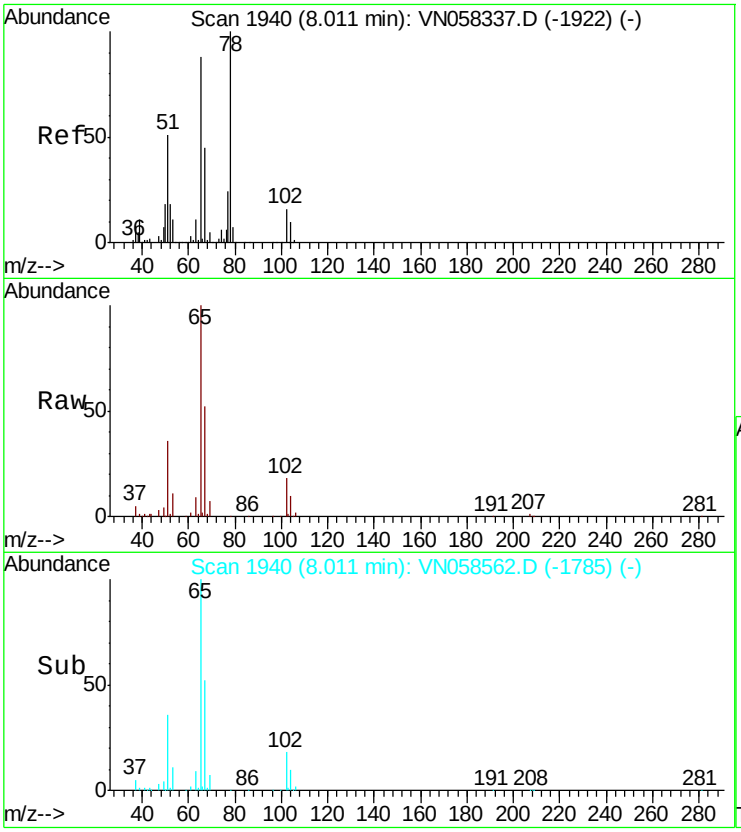


#15
Acetone
Concen: 56.462 ug/l
RT: 3.79 min Scan# 628
Delta R.T. -0.00 min
Lab File: VN058562.D
Acq: 7 Oct 2019 13:18

Tgt Ion: 58 Resp: 33213

Ion	Ratio	Lower	Upper
58	100		
43	340.0	272.6	409.0



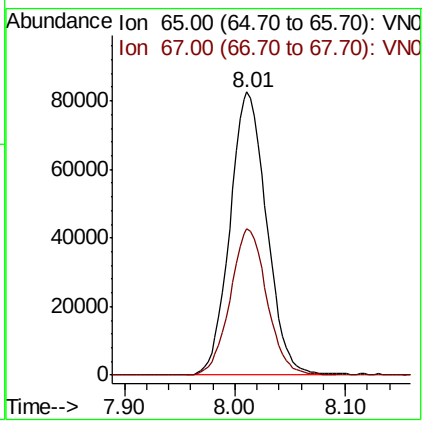


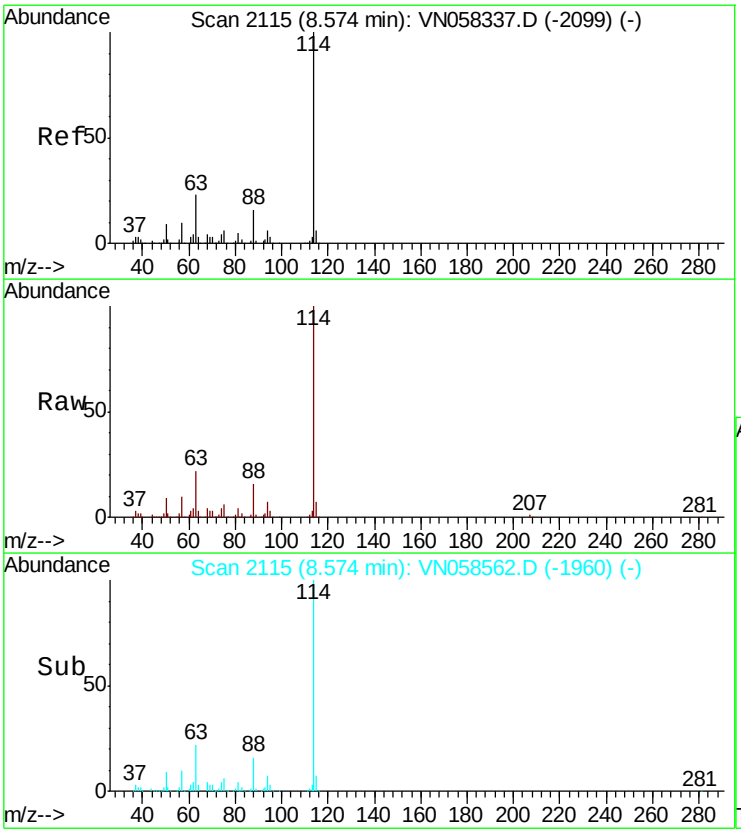
#27
1,2-Dichloroethane-d4
Concen: 30.637 ug/l
RT: 8.01 min Scan# 1940
Delta R.T. -0.00 min
Lab File: VN058562.D
Acq: 7 Oct 2019 13:18

Instrument :
MSVOA_N
ClientSampleId :
002-35TH-AVE-(OCT)

Tgt Ion: 65 Resp: 190314

Ion	Ratio	Lower	Upper
65	100		
67	51.5	40.4	60.6

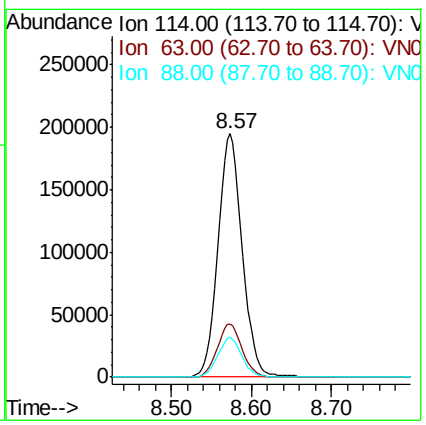


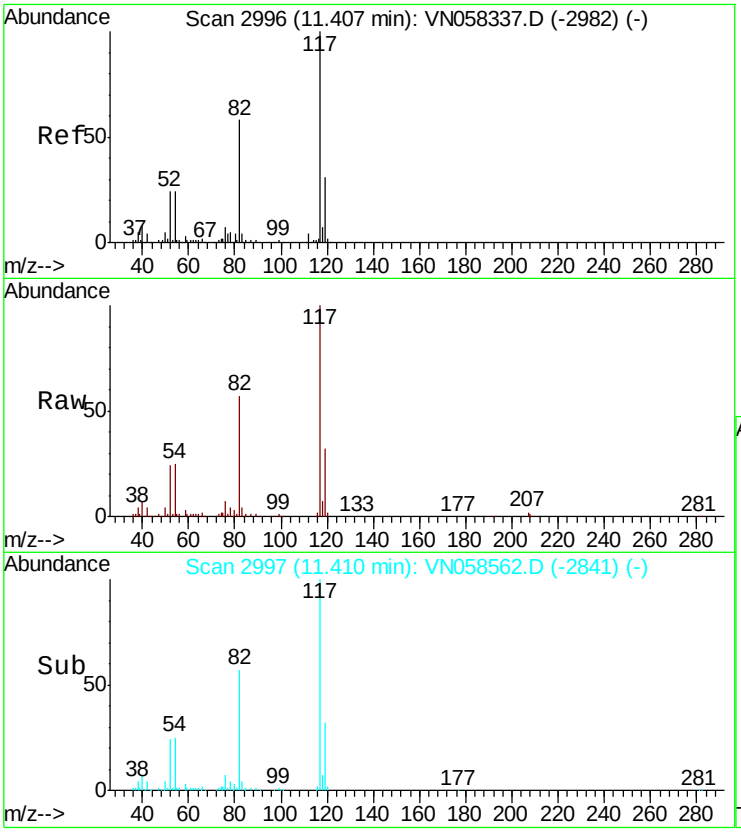


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.57 min Scan# 2115
Delta R.T. -0.00 min
Lab File: VN058562.D
Acq: 7 Oct 2019 13:18

Tgt Ion:114 Resp: 406574

Ion	Ratio	Lower	Upper
114	100		
63	22.3	17.8	26.8
88	16.2	12.7	19.1



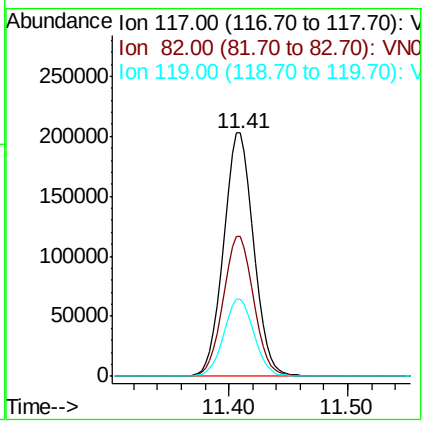


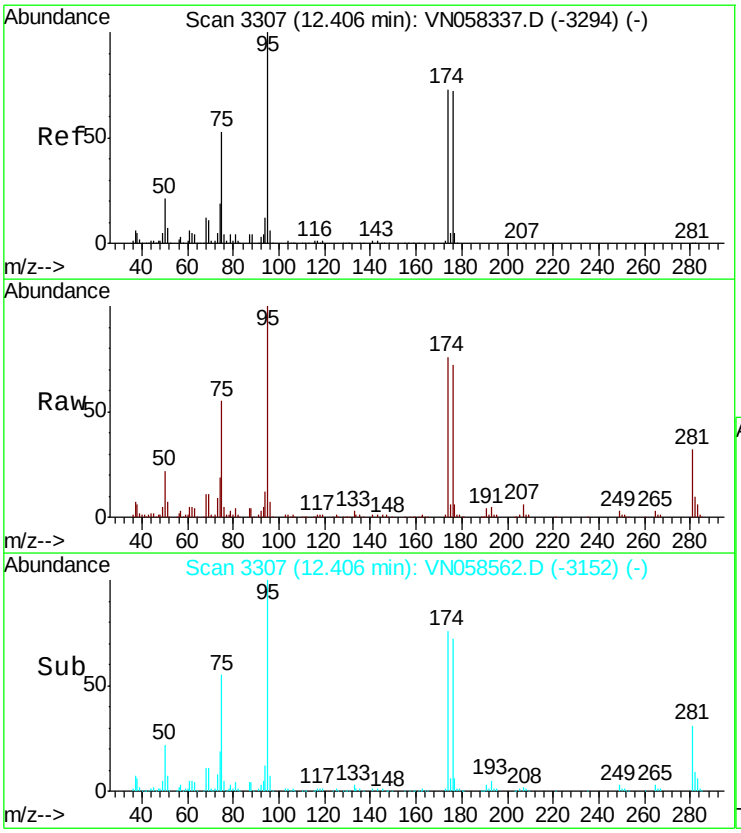
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN058562.D
Acq: 7 Oct 2019 13:18

Instrument :
MSVOA_N
ClientSampleId :
002-35TH-AVE-(OCT)

Tgt Ion:117 Resp: 355350

Ion	Ratio	Lower	Upper
117	100		
82	58.5	46.4	69.6
119	31.8	25.1	37.7

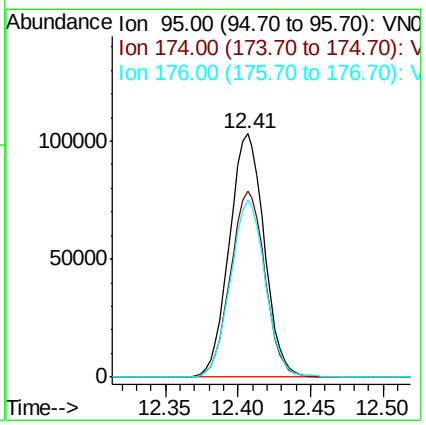


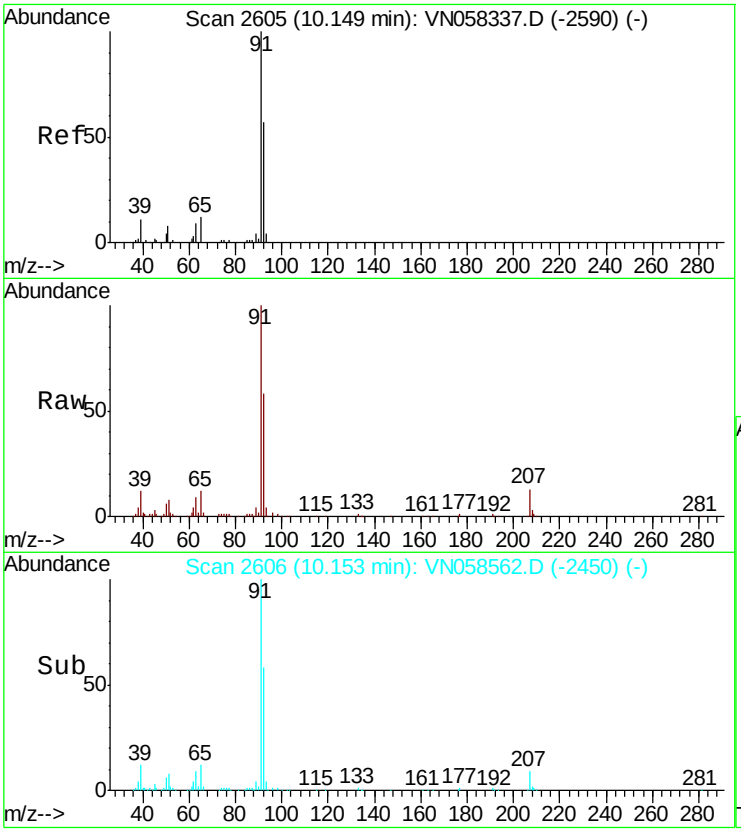


#60
4-Bromofluorobenzene
Concen: 28.046 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. -0.00 min
Lab File: VN058562.D
Acq: 7 Oct 2019 13:18

Tgt Ion: 95 Resp: 172445

Ion	Ratio	Lower	Upper
95	100		
174	75.5	59.0	88.6
176	72.6	58.2	87.2



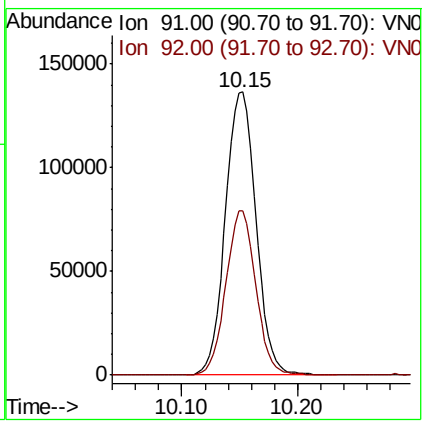


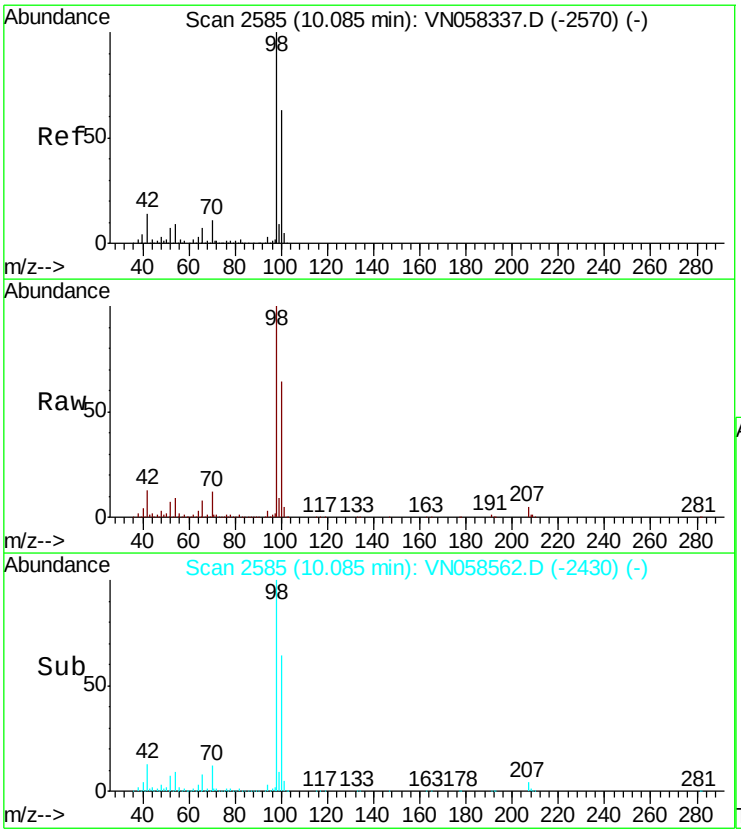
#62
Toluene
Concen: 12.868 ug/l
RT: 10.15 min Scan# 2606
Delta R.T. 0.00 min
Lab File: VN058562.D
Acq: 7 Oct 2019 13:18

Instrument :
MSVOA_N
ClientSampleId :
002-35TH-AVE-(OCT)

Tgt Ion: 91 Resp: 250430

Ion	Ratio	Lower	Upper
91	100		
92	56.4	45.5	68.3

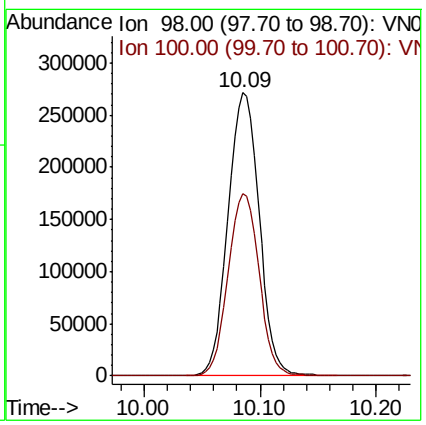


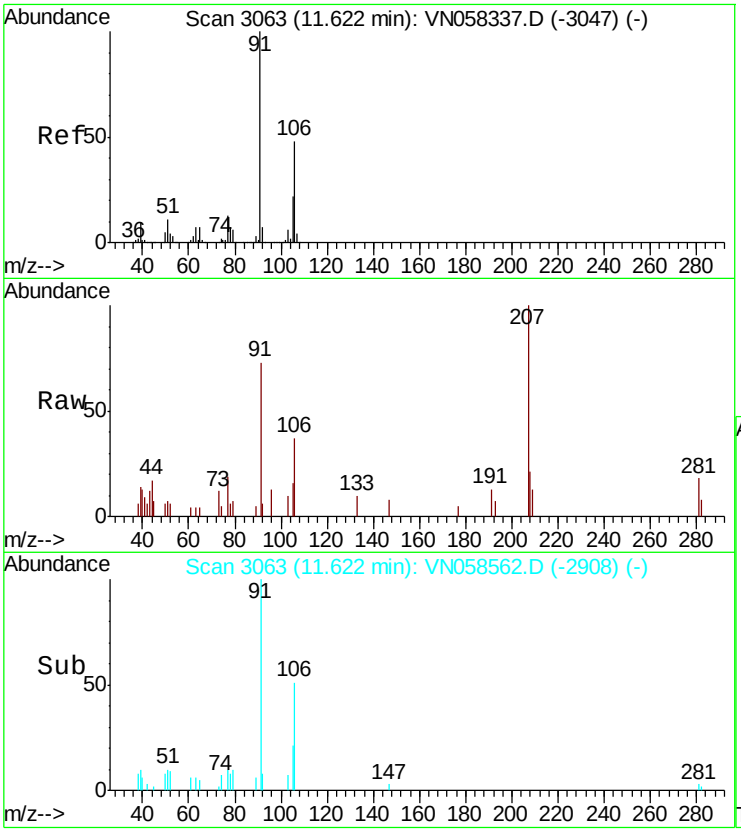


#63
Toluene-d8
Concen: 29.882 ug/l
RT: 10.09 min Scan# 2585
Delta R.T. -0.00 min
Lab File: VN058562.D
Acq: 7 Oct 2019 13:18

Tgt Ion: 98 Resp: 506767

Ion	Ratio	Lower	Upper
98	100		
100	64.0	50.2	75.2



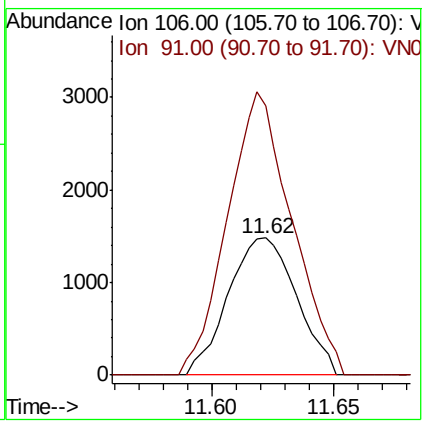


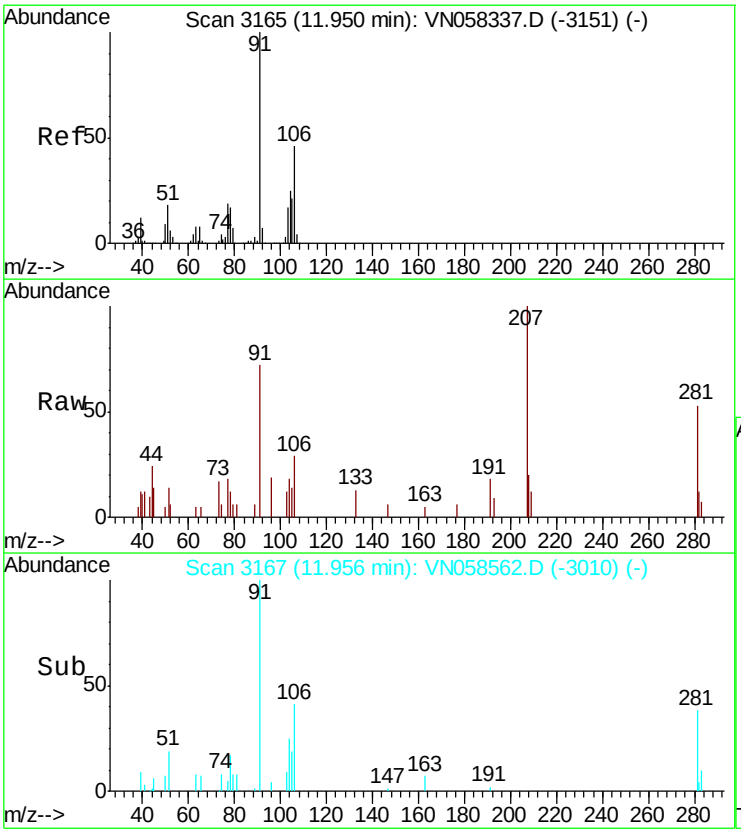
#67
m/p-Xylenes
Concen: 0.354 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN058562.D
Acq: 7 Oct 2019 13:18

Instrument :
MSVOA_N
ClientSampleId :
002-35TH-AVE-(OCT)

Tgt Ion:106 Resp: 2883

Ion	Ratio	Lower	Upper
106	100		
91	194.2	167.8	251.6





#68
o-Xylene
Concen: 0.210 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. 0.01 min
Lab File: VN058562.D
Acq: 7 Oct 2019 13:18

Tgt Ion:106 Resp: 1662

Ion	Ratio	Lower	Upper
106	100		
91	251.2	108.7	325.9