Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV122719\
Data File : VV014204.D
Acq On : 27 Dec 2019 20:43
Operator : SY/MD
Sample : K6432-09
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF6X7

Quant Time: Dec 28 02:24:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR122719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Dec 28 01:05:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	810756	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	737289	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	346461	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	202245	5.32	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 106.40%			
7) Chloroethane-d5	1.58	69	173523	5.49	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 109.80%			
11) 1,1-Dichloroethene-d2	2.13	63	244722	3.59	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 71.80%			
20) 2-Butanone-d5	3.92	46	587482	62.28	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 124.56%			
24) Chloroform-d	4.40	84	424847	4.46	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.20%			
26) 1,2-Dichloroethane-d4	5.08	65	218096	4.75	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.00%			
32) Benzene-d6	5.10	84	891809	4.43	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.60%			
36) 1,2-Dichloropropane-d6	6.12	67	279734	4.59	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 91.80%			
41) Toluene-d8	7.36	98	795718	4.23	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 84.60%			
43) trans-1,3-Dichloropropene-	7.66	79	108709	3.99	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 79.80%			
46) 2-Hexanone-d5	8.13	63	507193	49.02	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 98.04%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	205736	4.73	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 94.60%			
64) 1,2-Dichlorobenzene-d4	11.67	152	262829	4.23	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 84.60%			
Target Compounds						Qvalue
13) Acetone	2.19	43	33084	5.687	ug/L	91
14) Carbon disulfide	2.32	76	162733	1.038	ug/L	97
17) Methyl tert-butyl Ether	2.80	73	20060	0.151	ug/L #	55
33) Benzene	5.15	78	38980	0.171	ug/L	100
42) Toluene	7.43	91	37583	0.150	ug/L	90
52) Ethylbenzene	9.05	91	133704	0.481	ug/L	100
53) m,p-xylene	9.18	106	46342	0.443	ug/L	95
54) o-xylene	9.59	106	37045	0.363	ug/L	99
56) Isopropylbenzene	9.97	105	38143	0.143	ug/L	98

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

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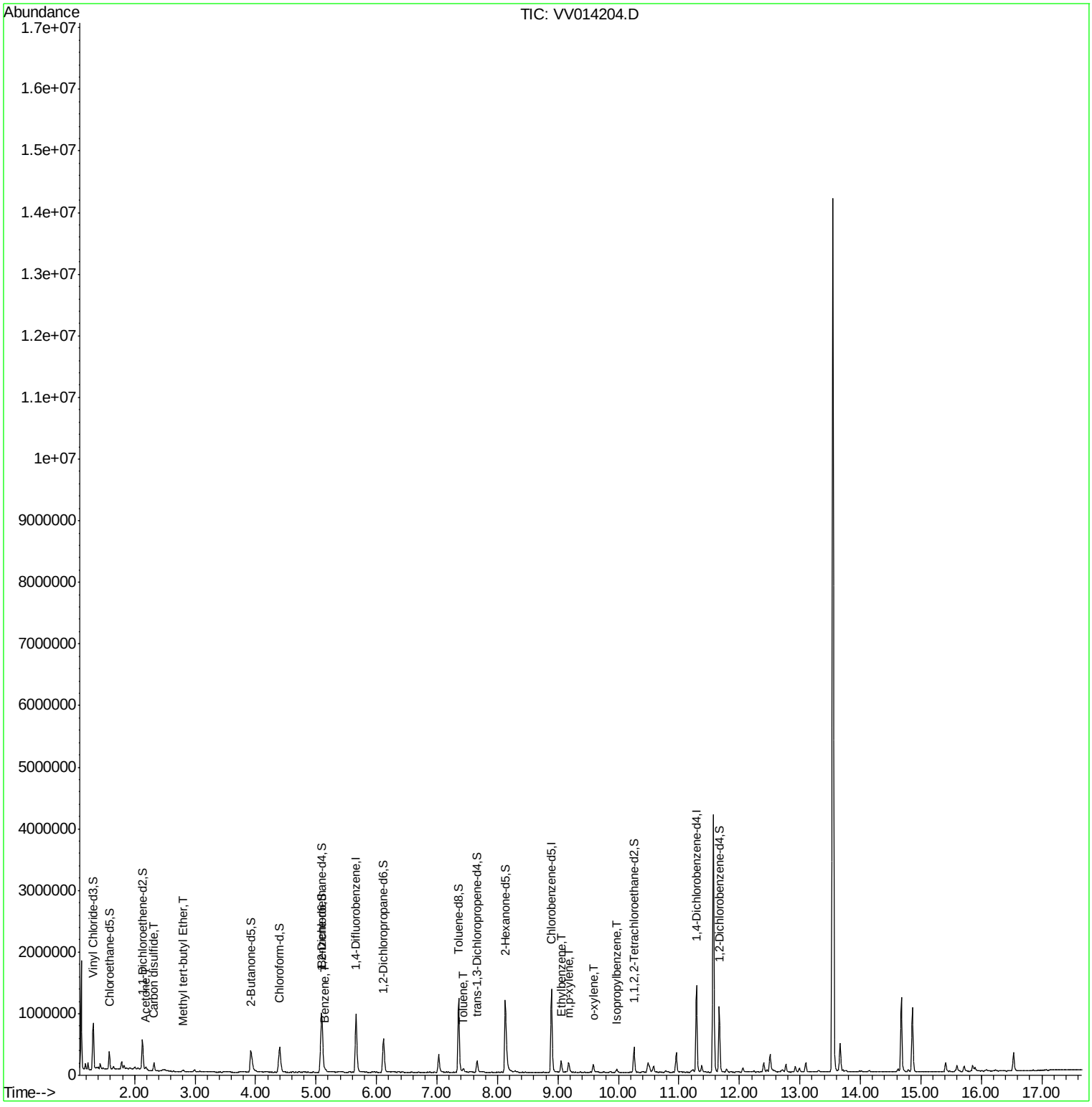
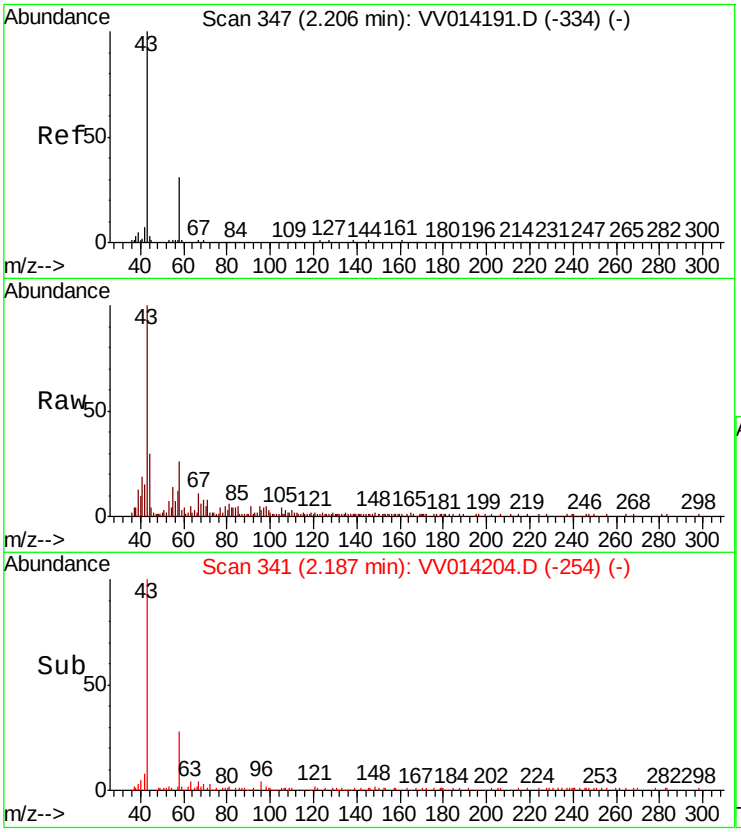
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Dec 28 01:05:52 2019
Response via : Initial Calibration



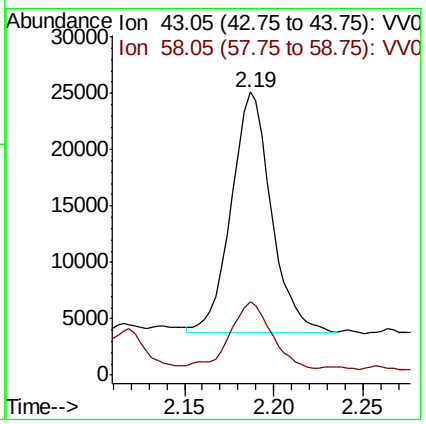


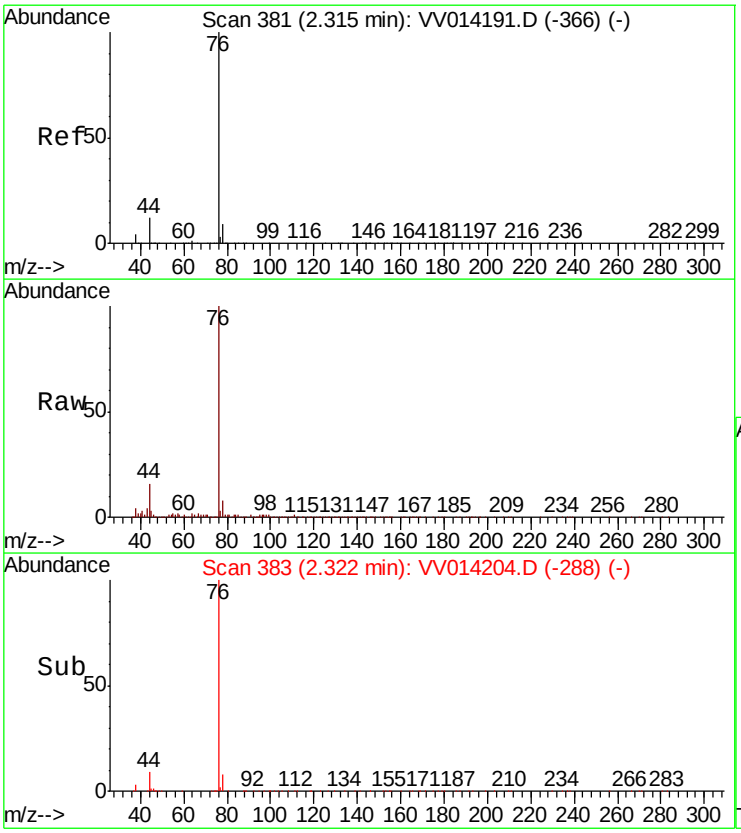
#13
Acetone
Concen: 5.687 ug/L
RT: 2.19 min Scan# 341
Delta R.T. -0.02 min
Lab File: VV014204.D
Acq: 27 Dec 2019 20:43

Instrument : MSVOA_V
ClientSampleId : BF6X7

Tgt Ion: 43 Resp: 33084

Ion	Ratio	Lower	Upper
43	100		
58	27.9	0.0	66.0

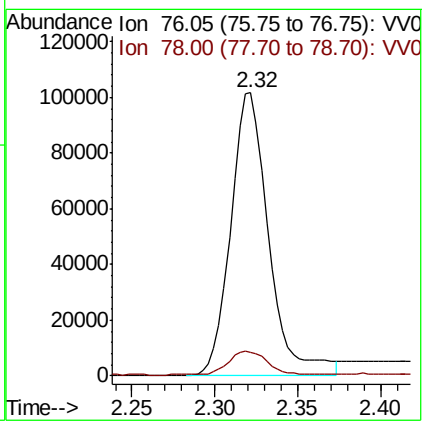


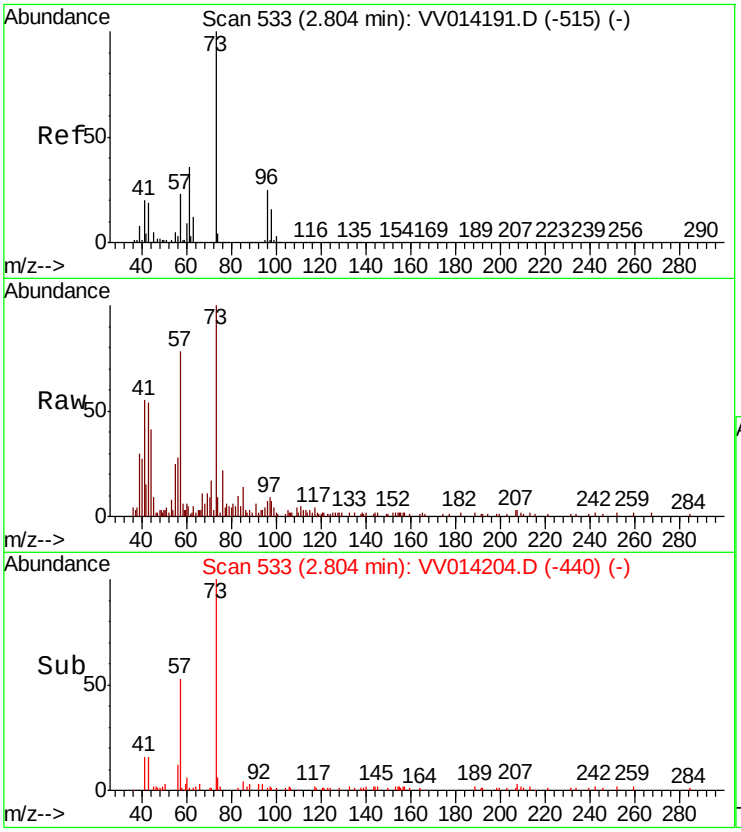


#14
Carbon disulfide
Concen: 1.038 ug/L
RT: 2.32 min Scan# 383
Delta R.T. 0.01 min
Lab File: VV014204.D
Acq: 27 Dec 2019 20:43

Tgt Ion: 76 Resp: 162733

Ion	Ratio	Lower	Upper
76	100		
78	8.2	7.5	11.3



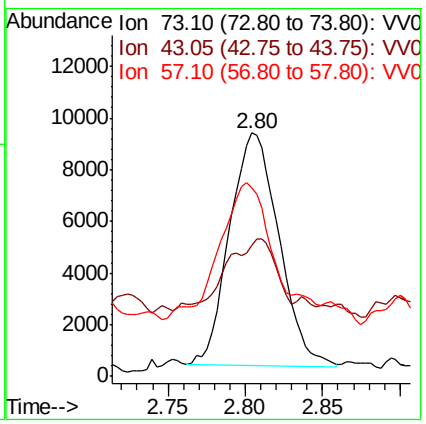


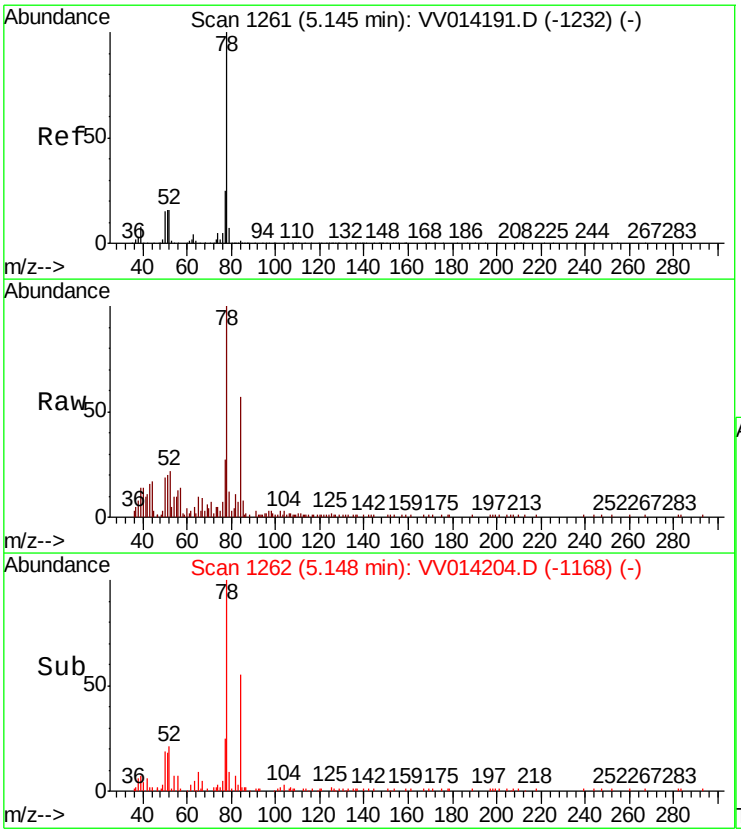
#17
Methyl tert-butyl Ether
Concen: 0.151 ug/L
RT: 2.80 min Scan# 533
Delta R.T. -0.00 min
Lab File: VV014204.D
Acq: 27 Dec 2019 20:43

Instrument : MSVOA_V
ClientSampleId : BF6X7

Tgt Ion: 73 Resp: 20060

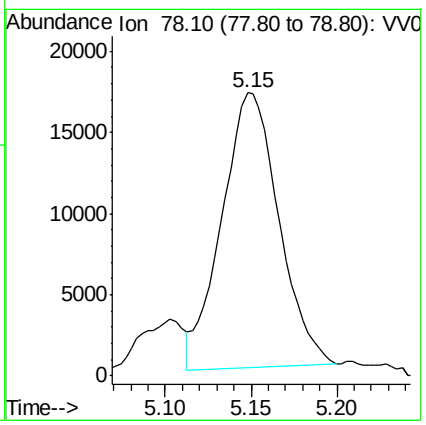
Ion	Ratio	Lower	Upper
73	100		
43	31.3	14.7	22.1#
57	50.2	17.9	26.9#

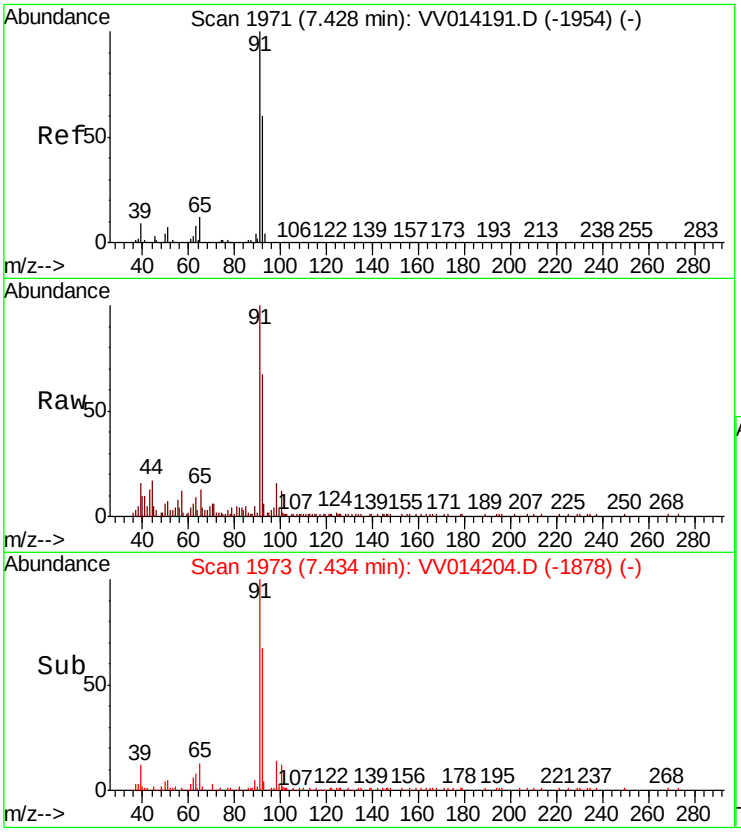




#33
Benzene
Concen: 0.171 ug/L
RT: 5.15 min Scan# 1262
Delta R.T. 0.00 min
Lab File: VV014204.D
Acq: 27 Dec 2019 20:43

Tgt Ion: 78 Resp: 38980



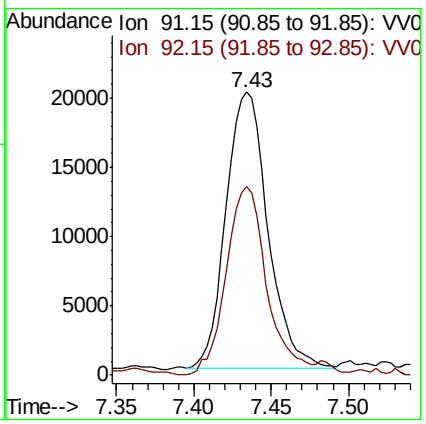


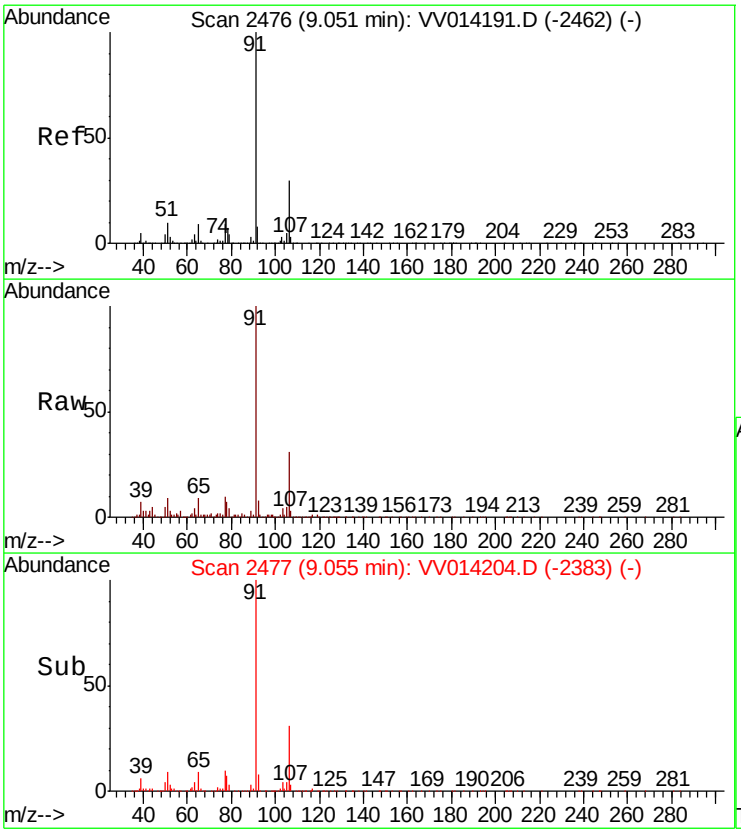
#42
Toluene
Concen: 0.150 ug/L
RT: 7.43 min Scan# 1973
Delta R.T. 0.01 min
Lab File: VV014204.D
Acq: 27 Dec 2019 20:43

Instrument :
MSVOA_V
ClientSampleId :
BF6X7

Tgt Ion: 91 Resp: 37583

Ion	Ratio	Lower	Upper
91	100		
92	66.5	41.2	76.6

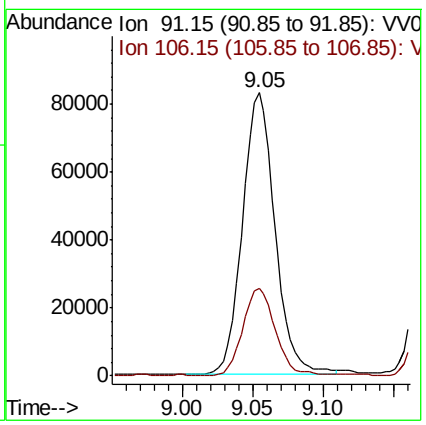


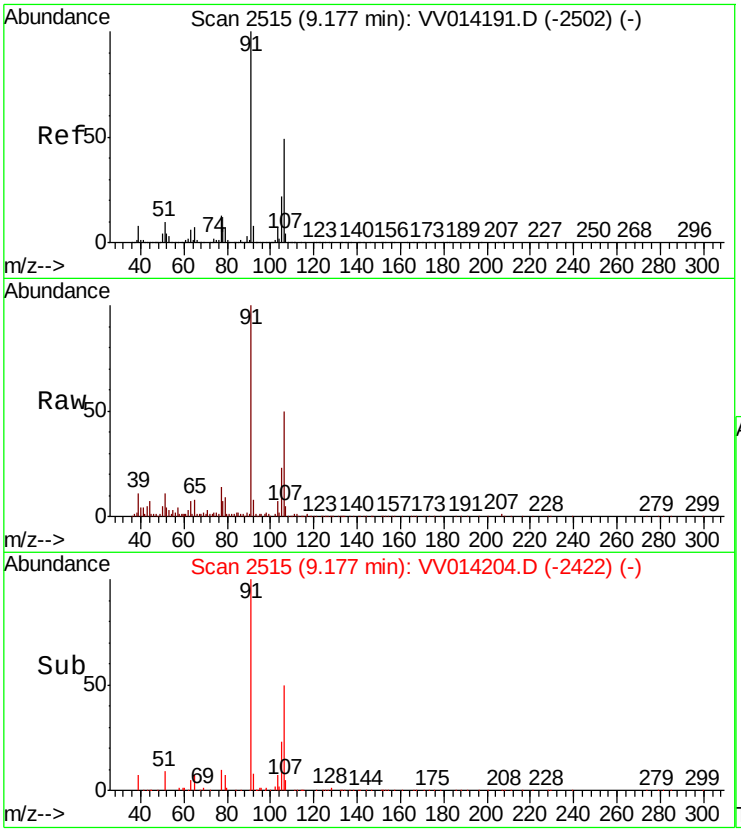


#52
Ethylbenzene
Concen: 0.481 ug/L
RT: 9.05 min Scan# 2477
Delta R.T. 0.00 min
Lab File: VV014204.D
Acq: 27 Dec 2019 20:43

Tgt Ion: 91 Resp: 133704

Ion	Ratio	Lower	Upper
91	100		
106	30.7	21.6	40.0



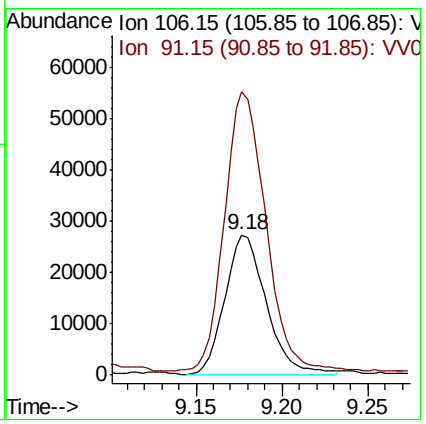


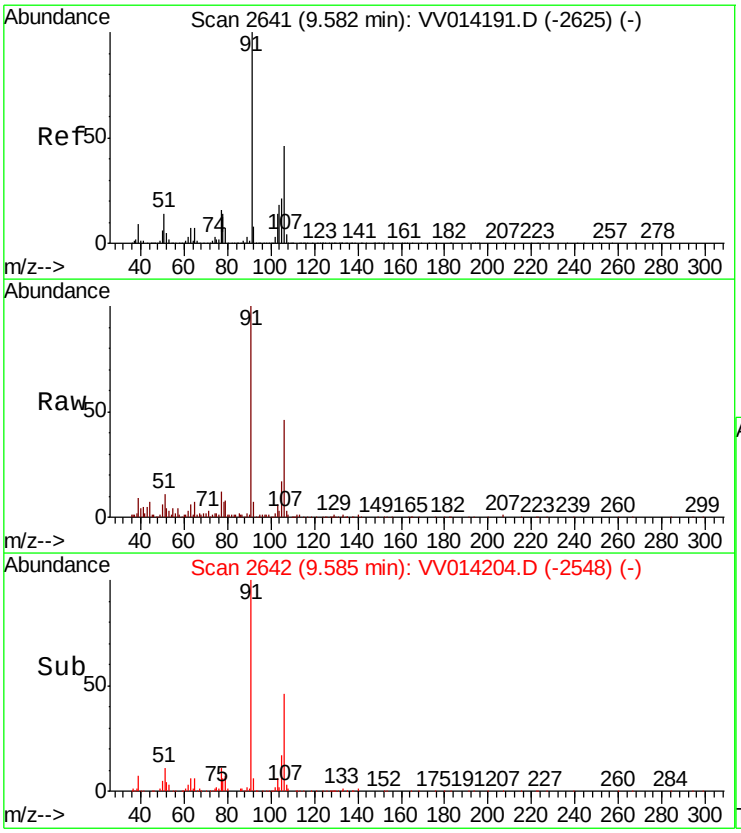
#53
m,p-xylene
Concen: 0.443 ug/L
RT: 9.18 min Scan# 2515
Delta R.T. -0.00 min
Lab File: VV014204.D
Acq: 27 Dec 2019 20:43

Instrument :
MSVOA_V
ClientSampleId :
BF6X7

Tgt Ion:106 Resp: 46342

Ion	Ratio	Lower	Upper
106	100		
91	201.7	146.8	272.6

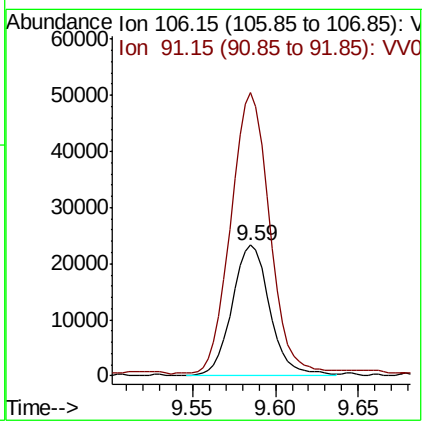


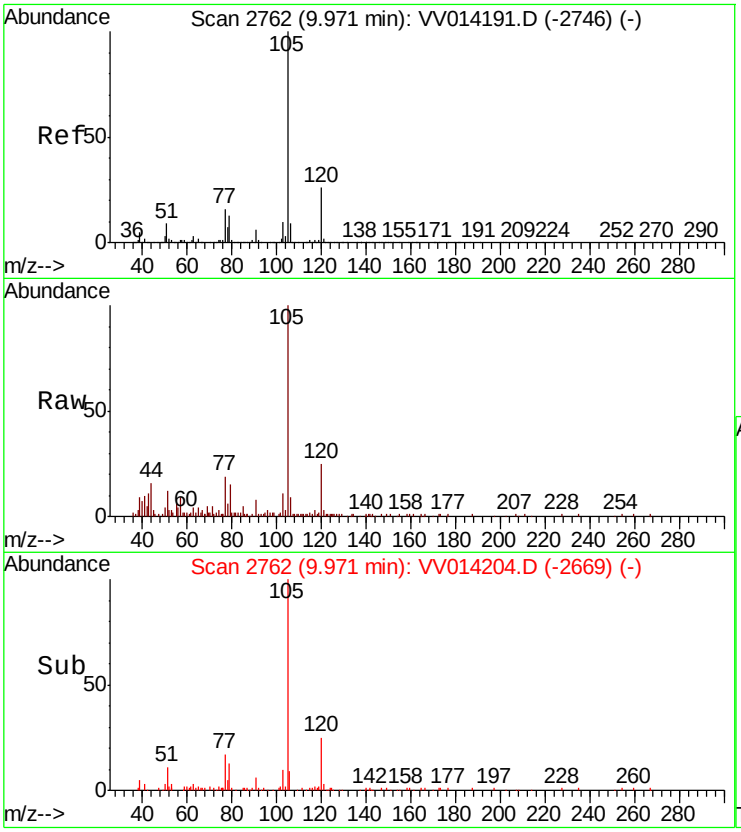


#54
o-xylene
Concen: 0.363 ug/L
RT: 9.59 min Scan# 2642
Delta R.T. 0.00 min
Lab File: VV014204.D
Acq: 27 Dec 2019 20:43

Tgt Ion:106 Resp: 37045

Ion	Ratio	Lower	Upper
106	100		
91	216.7	150.9	280.3





#56
Isopropylbenzene
Concen: 0.143 ug/L
RT: 9.97 min Scan# 2762
Delta R.T. -0.00 min
Lab File: VV014204.D
Acq: 27 Dec 2019 20:43

Instrument :
MSVOA_V
ClientSampleId :
BF6X7

Tgt Ion:105 Resp: 38143

Ion	Ratio	Lower	Upper
105	100		
120	27.8	21.0	31.4
77	15.7	12.5	18.7