Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081919\
Data File : VV012299.D
Acq On : 20 Aug 2019 01:27
Operator : SY/MD
Sample : K4373-18
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AE4

Quant Time: Aug 20 04:42:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Aug 20 02:35:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	243567	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	228110	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	117119	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	63523	5.10	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 102.00%			
7) Chloroethane-d5	1.58	69	49317	5.42	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 108.40%			
11) 1,1-Dichloroethene-d2	2.13	63	51243	2.17	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 43.40%#			
20) 2-Butanone-d5	3.94	46	202231	60.27	ug/L	-0.03
Spiked Amount 50.000	Range 40 - 130		Recovery = 120.54%			
24) Chloroform-d	4.40	84	140550	4.18	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 83.60%			
26) 1,2-Dichloroethane-d4	5.08	65	74204	4.28	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.60%			
32) Benzene-d6	5.10	84	287428	4.76	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.20%			
36) 1,2-Dichloropropane-d6	6.12	67	88093	5.16	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 103.20%			
41) Toluene-d8	7.36	98	254661	4.53	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.60%			
43) trans-1,3-Dichloropropene-	7.66	79	31073	4.24	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 84.80%			
46) 2-Hexanone-d5	8.13	63	165955	71.77	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 143.54%#			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	68977	5.32	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 106.40%			
64) 1,2-Dichlorobenzene-d4	11.67	152	107993	4.58	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 91.60%			
Target Compounds						Qvalue
13) Acetone	2.19	43	119073	67.840	ug/L #	61
14) Carbon disulfide	2.32	76	23759	0.766	ug/L	98
21) 2-Butanone	4.03	43	34021	10.216	ug/L	99
33) Benzene	5.14	78	130375	2.066	ug/L	100
40) 4-Methyl-2-pentanone	7.27	43	14917	1.924	ug/L #	85
42) Toluene	7.43	91	32274	0.462	ug/L	99
52) Ethylbenzene	9.05	91	159550	2.042	ug/L	98
53) m,p-xylene	9.18	106	60707	1.990	ug/L	96
54) o-xylene	9.59	106	28623	0.976	ug/L	94
56) Isopropylbenzene	9.97	105	34922	0.431	ug/L	98

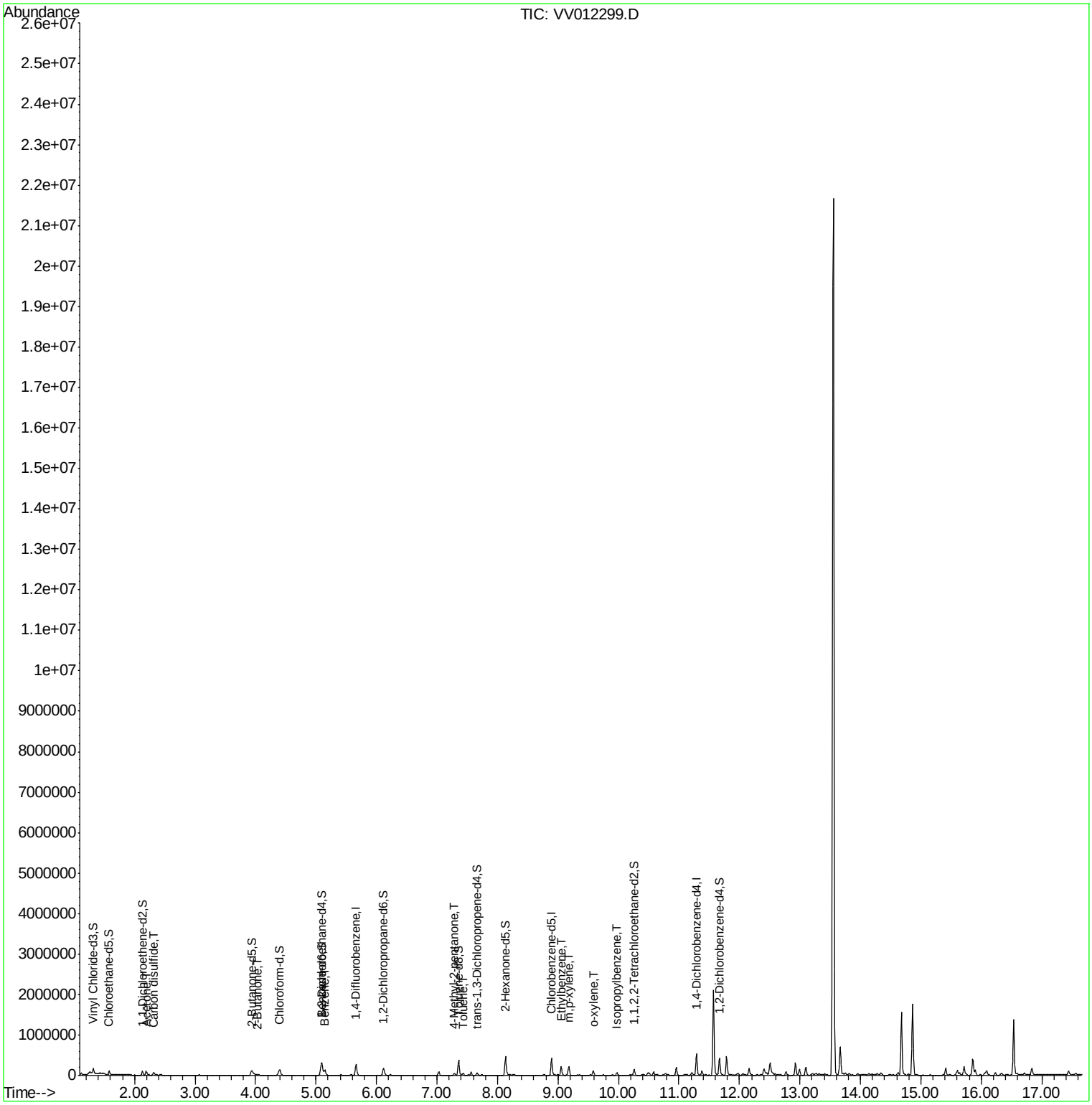
(#) = qualifier out of range (m) = manual integration (+) = signals summed

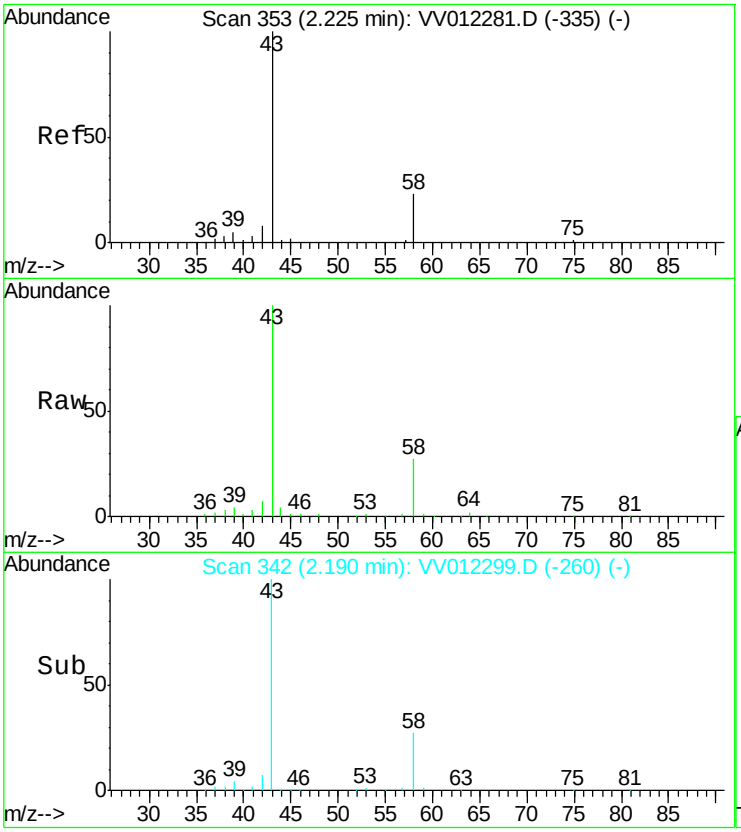
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081919\
Data File : VV012299.D
Acq On : 20 Aug 2019 01:27
Operator : SY/MD
Sample : K4373-18
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AE4

Quant Time: Aug 20 04:42:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Aug 20 02:35:23 2019
Response via : Initial Calibration



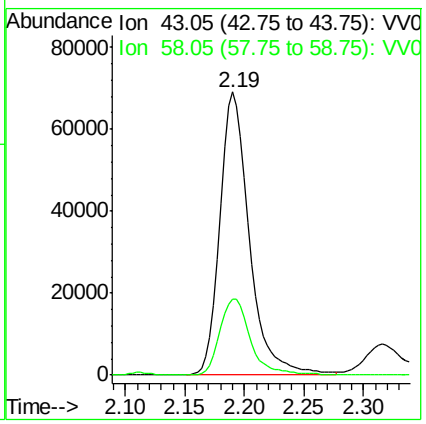


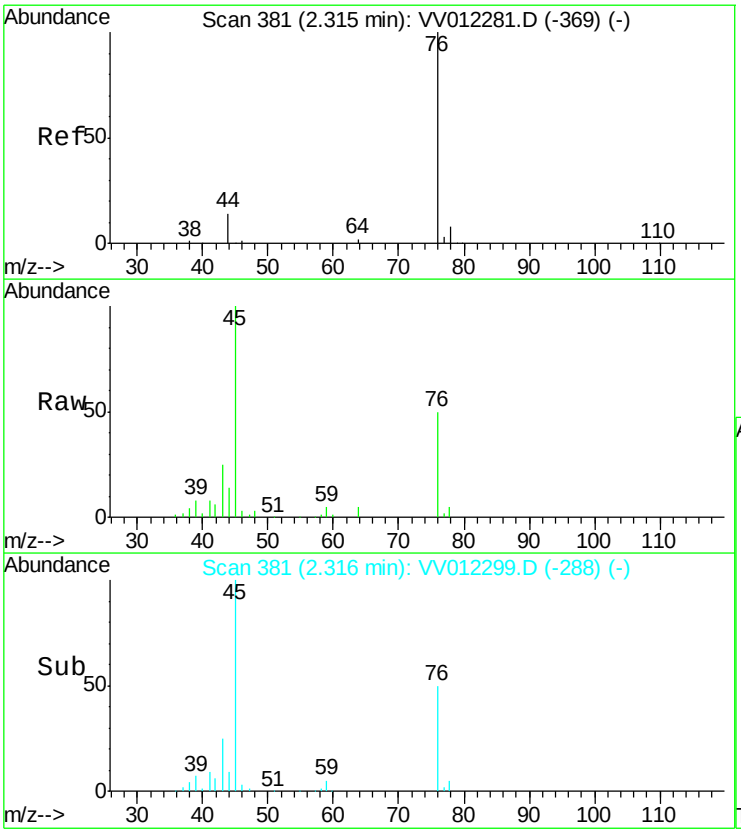
#13
Acetone
Concen: 67.840 ug/L
RT: 2.19 min Scan# 342
Delta R.T. -0.04 min
Lab File: VV012299.D
Acq: 20 Aug 2019 01:27

Instrument : MSVOA_V
ClientSampleId : C0AE4

Tgt Ion: 43 Resp: 119073

Ion	Ratio	Lower	Upper
43	100		
58	28.1	0.0	25.6#

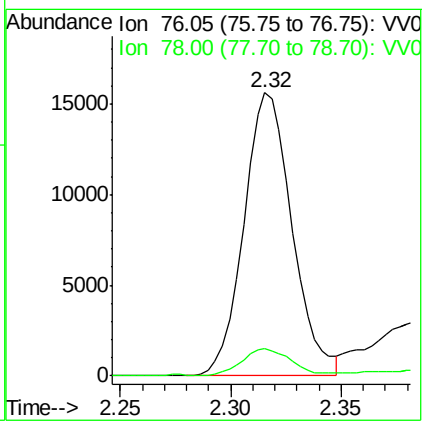


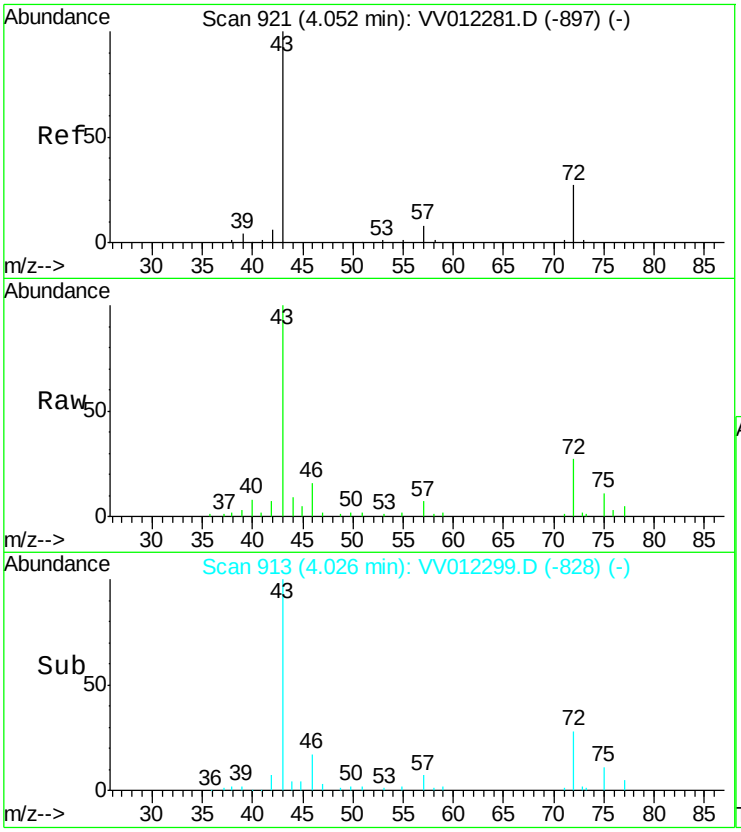


#14
Carbon disulfide
Concen: 0.766 ug/L
RT: 2.32 min Scan# 381
Delta R.T. 0.00 min
Lab File: VV012299.D
Acq: 20 Aug 2019 01:27

Tgt Ion: 76 Resp: 23759

Ion	Ratio	Lower	Upper
76	100		
78	9.5	8.3	12.5



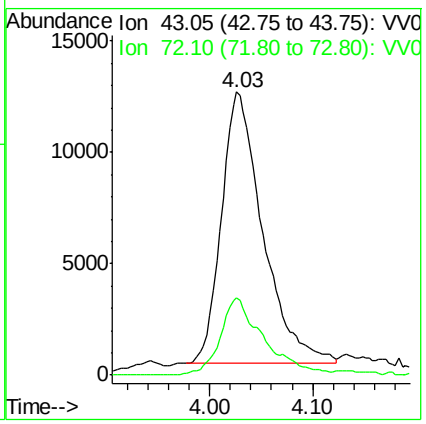


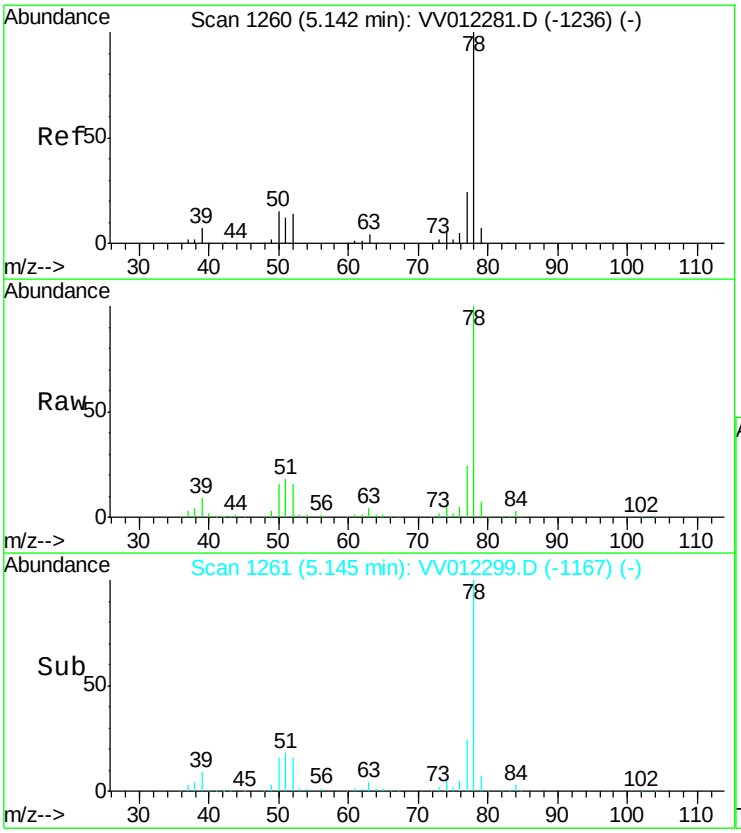
#21
2-Butanone
Concen: 10.216 ug/L
RT: 4.03 min Scan# 913
Delta R.T. -0.03 min
Lab File: VV012299.D
Acq: 20 Aug 2019 01:27

Instrument :
MSVOA_V
ClientSampleId :
C0AE4

Tgt Ion: 43 Resp: 34021

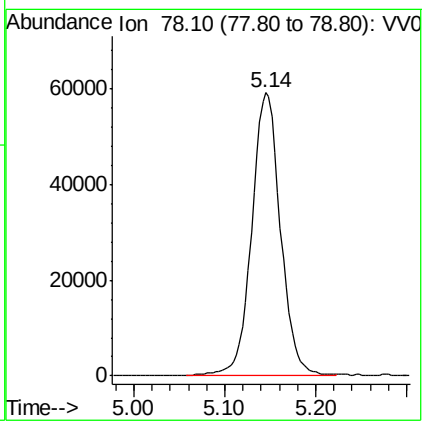
Ion	Ratio	Lower	Upper
43	100		
72	30.0	14.8	44.4

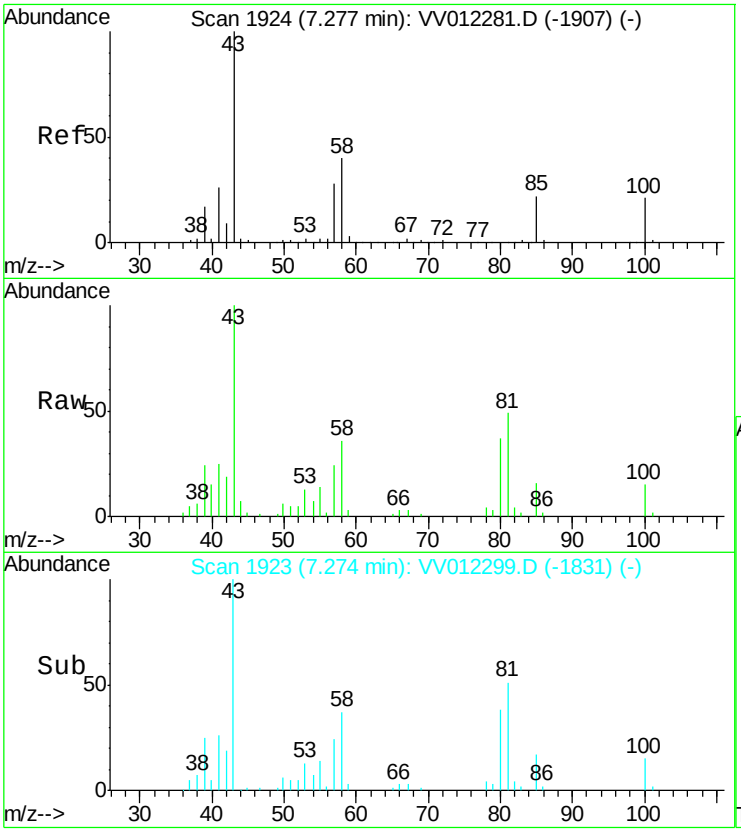




#33
Benzene
Concen: 2.066 ug/L
RT: 5.14 min Scan# 1261
Delta R.T. 0.00 min
Lab File: VV012299.D
Acq: 20 Aug 2019 01:27

Tgt Ion: 78 Resp: 130375



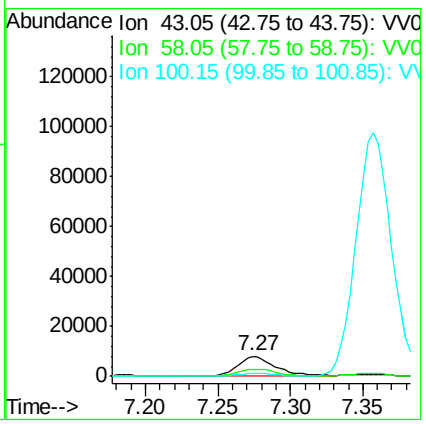


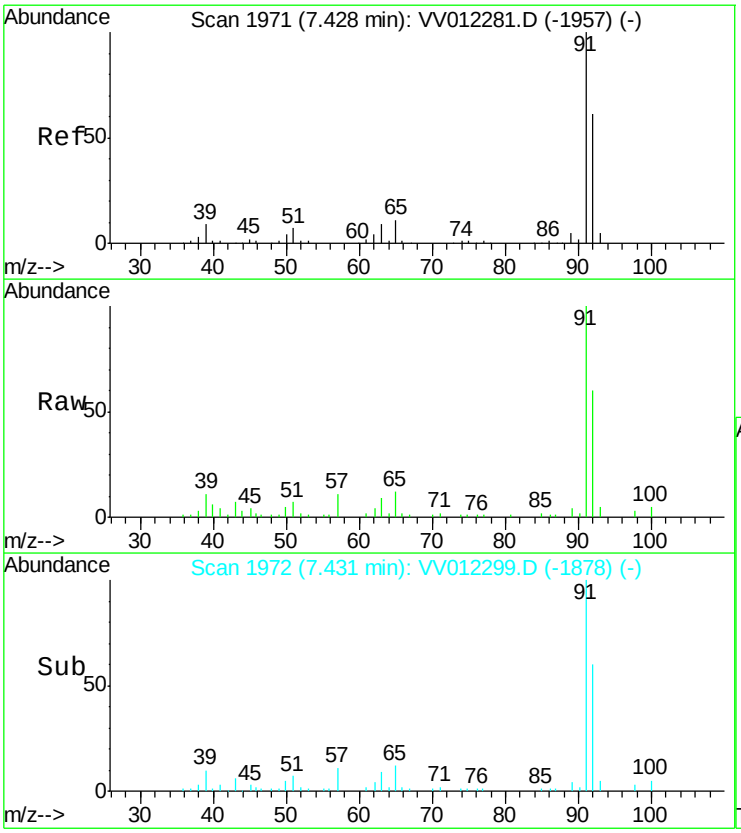
#40
4-Methyl-2-pentanone
Concen: 1.924 ug/L
RT: 7.27 min Scan# 1923
Delta R.T. -0.00 min
Lab File: VV012299.D
Acq: 20 Aug 2019 01:27

Instrument : MSVOA_V
ClientSampleId : C0AE4

Tgt Ion: 43 Resp: 14917

Ion	Ratio	Lower	Upper
43	100		
58	39.2	32.1	48.1
100	0.0	15.2	22.8#

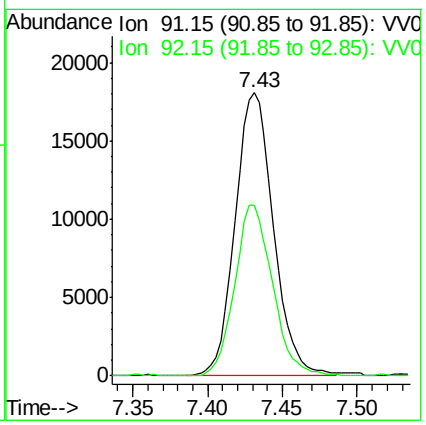


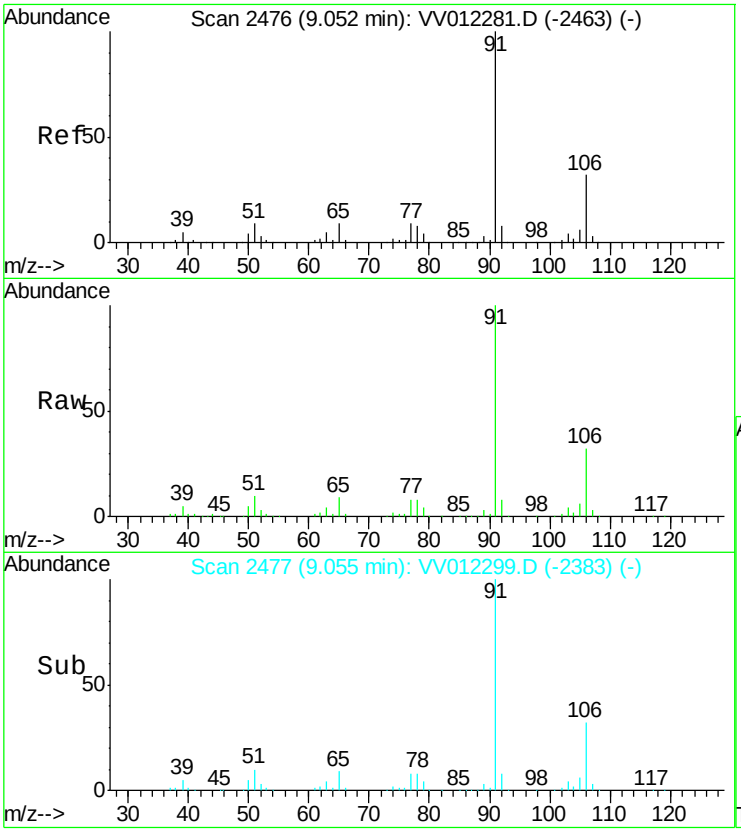


#42
Toluene
Concen: 0.462 ug/L
RT: 7.43 min Scan# 1972
Delta R.T. 0.00 min
Lab File: VV012299.D
Acq: 20 Aug 2019 01:27

Tgt Ion: 91 Resp: 32274

Ion	Ratio	Lower	Upper
91	100		
92	60.1	41.6	77.3



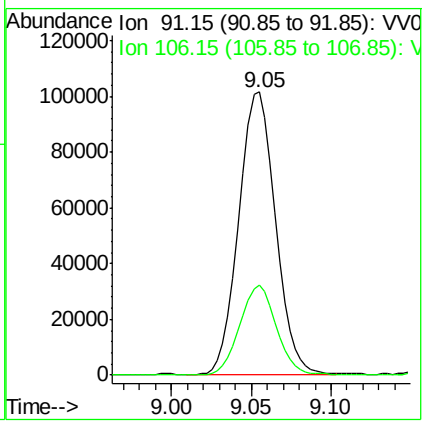


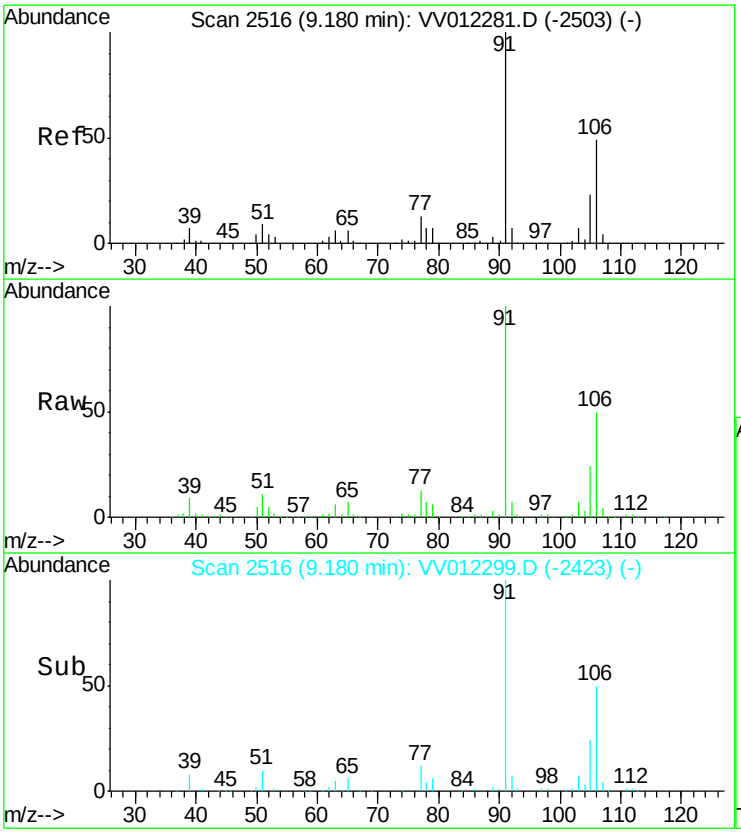
#52
Ethylbenzene
Concen: 2.042 ug/L
RT: 9.05 min Scan# 2477
Delta R.T. 0.00 min
Lab File: VV012299.D
Acq: 20 Aug 2019 01:27

Instrument : MSVOA_V
ClientSampleId : C0AE4

Tgt Ion: 91 Resp: 159550

Ion	Ratio	Lower	Upper
91	100		
106	31.7	21.6	40.0

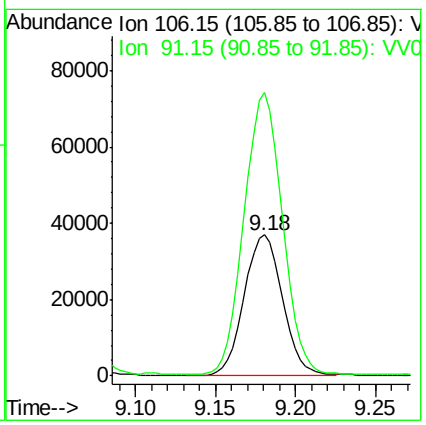


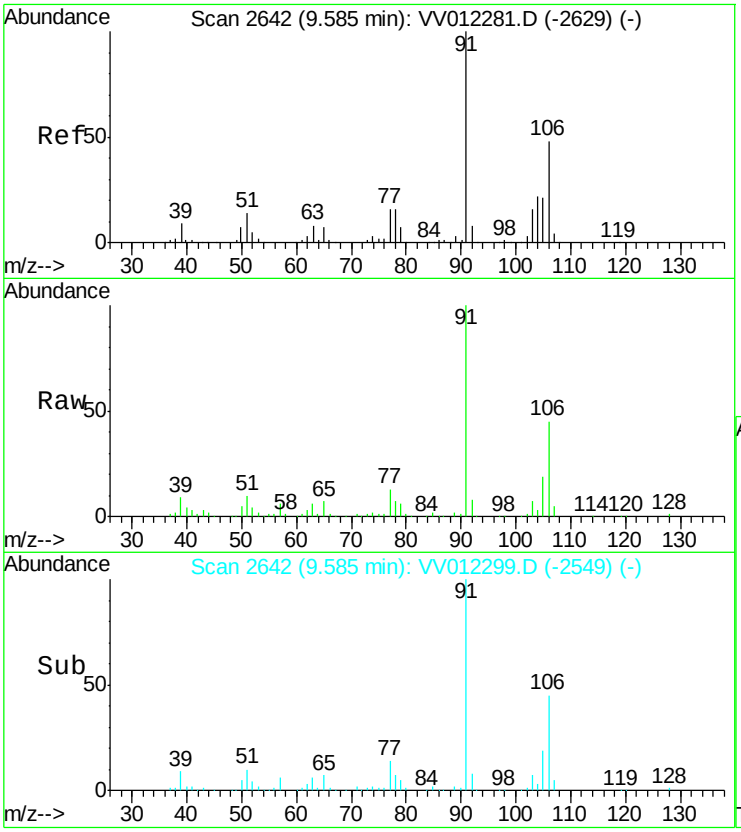


#53
m,p-xylene
Concen: 1.990 ug/L
RT: 9.18 min Scan# 2516
Delta R.T. 0.00 min
Lab File: VV012299.D
Acq: 20 Aug 2019 01:27

Tgt Ion:106 Resp: 60707

Ion	Ratio	Lower	Upper
106	100		
91	200.5	136.0	252.6



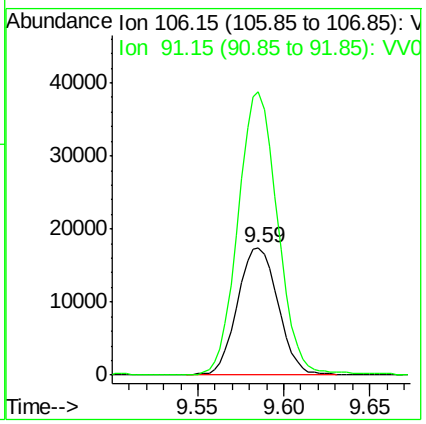


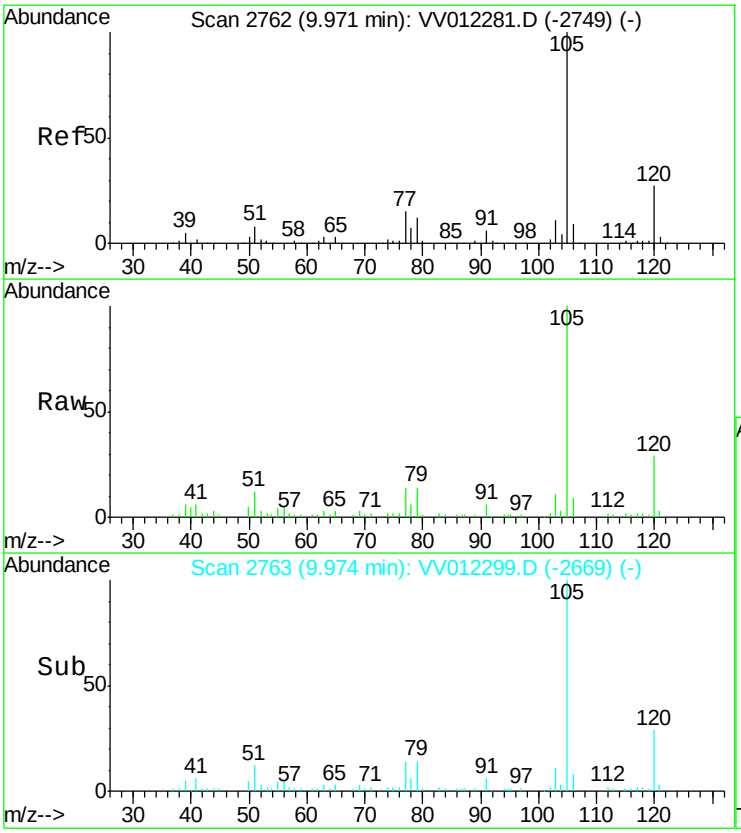
#54
o-xylene
Concen: 0.976 ug/L
RT: 9.59 min Scan# 2642
Delta R.T. 0.00 min
Lab File: VV012299.D
Acq: 20 Aug 2019 01:27

Instrument :
MSVOA_V
ClientSampleId :
C0AE4

Tgt Ion:106 Resp: 28623

Ion	Ratio	Lower	Upper
106	100		
91	221.9	148.7	276.1





#56
Isopropylbenzene
Concen: 0.431 ug/L
RT: 9.97 min Scan# 2763
Delta R.T. 0.00 min
Lab File: VV012299.D
Acq: 20 Aug 2019 01:27

Tgt Ion:105 Resp: 34922

Ion	Ratio	Lower	Upper
105	100		
120	27.4	21.4	32.0
77	16.5	12.2	18.2