Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV070620\
Data File : VV017358.D
Acq On : 06 Jul 2020 18:04
Operator : SY/MD
Sample : L3168-14
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AK0

Quant Time: Jul 07 03:41:29 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jul 07 01:14:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	160059	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	157340	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	79090	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	41464	4.32	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 86.40%			
7) Chloroethane-d5	1.58	69	35406	5.07	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 101.40%			
11) 1,1-Dichloroethene-d2	2.13	63	67528	3.69	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 73.80%			
20) 2-Butanone-d5	3.93	46	103211	42.16	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 84.32%			
24) Chloroform-d	4.38	84	98012	4.77	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.40%			
26) 1,2-Dichloroethane-d4	5.06	65	54326	4.99	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.80%			
32) Benzene-d6	5.08	84	173685	4.26	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 85.20%			
36) 1,2-Dichloropropane-d6	6.09	67	50802	4.16	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 83.20%			
41) Toluene-d8	7.34	98	162636	4.25	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.00%			
45) trans-1,3-Dichloropropene-	7.64	79	21314	4.19	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 83.80%			
48) 2-Hexanone-d5	8.11	63	67171	34.64	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 69.28%			
59) 1,1,2,2-Tetrachloroethane-	10.24	84	34613	4.26	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 85.20%			
65) 1,2-Dichlorobenzene-d4	11.65	152	66276	4.53	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 90.60%			
Target Compounds						Qvalue
13) Acetone	2.21	43	21730	17.558	ug/L	95
16) Methylene chloride	2.52	84	2786	0.339	ug/L	81
21) 2-Butanone	4.03	43	9696	4.156	ug/L #	65
25) Chloroform	4.41	83	12847	0.643	ug/L	97
33) Benzene	5.14	78	5114	0.124	ug/L	100
42) Toluene	7.41	91	61762	1.289	ug/L	97
54) Ethylbenzene	9.04	91	6134	0.120	ug/L	94
55) m,p-xylene	9.16	106	11443	0.571	ug/L	95
56) o-xylene	9.57	106	4564	0.244	ug/L	96

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

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Quant Title : TRACE VOA SOM01.0
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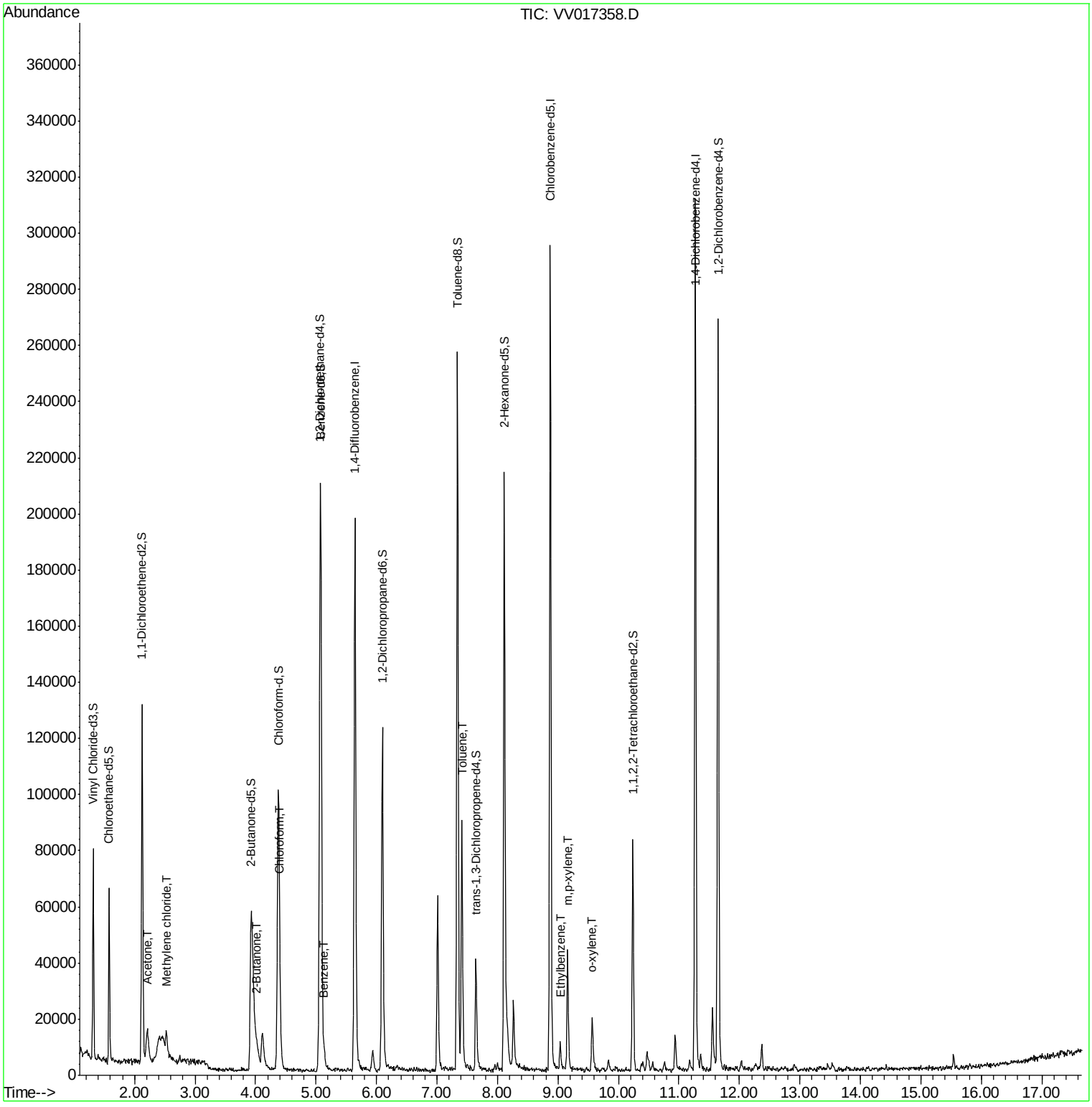
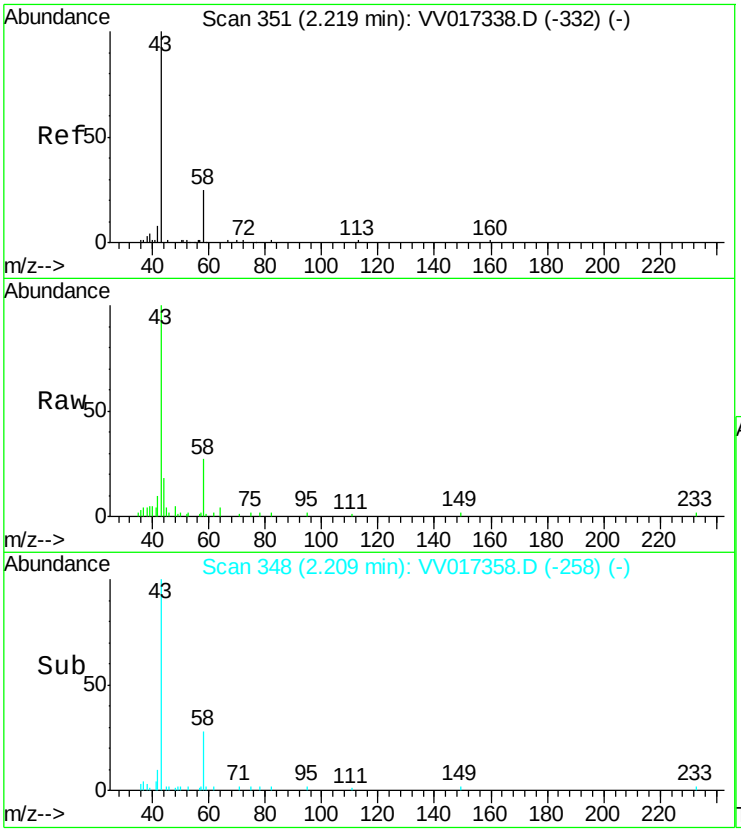
Response via : Initial Calibration



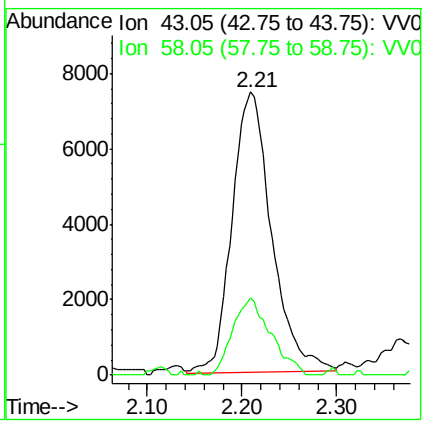


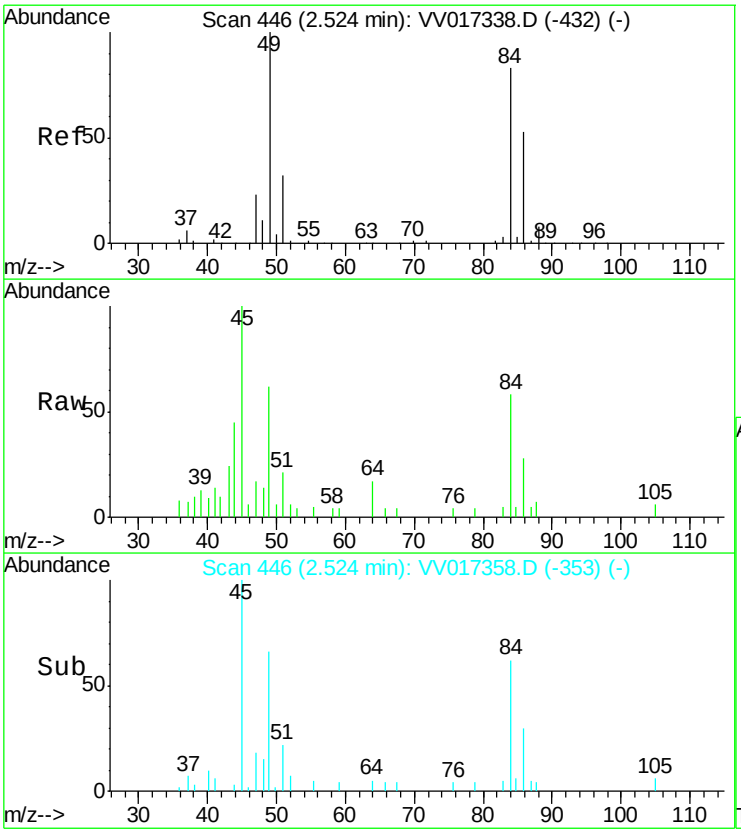
#13
Acetone
Concen: 17.558 ug/L
RT: 2.21 min Scan# 348
Delta R.T. -0.01 min
Lab File: VV017358.D
Acq: 06 Jul 2020 18:04

Instrument :
MSVOA_V
ClientSampleId :
C0AK0

Tgt Ion: 43 Resp: 21730

Ion	Ratio	Lower	Upper
43	100		
58	26.3	0.0	58.4

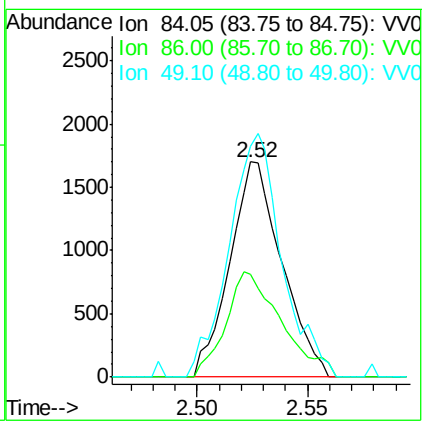


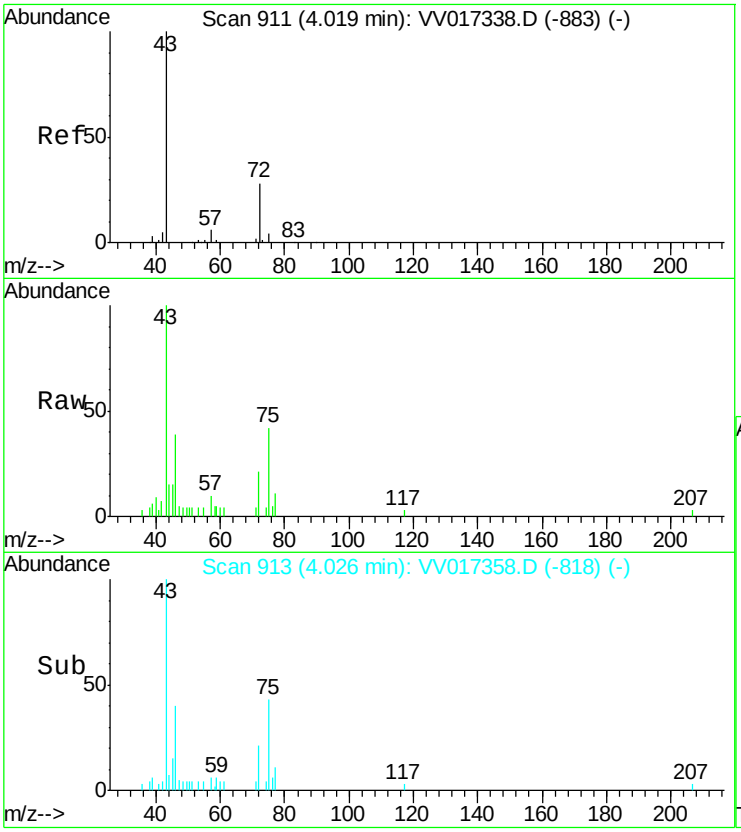


#16
Methylene chloride
Concen: 0.339 ug/L
RT: 2.52 min Scan# 446
Delta R.T. 0.00 min
Lab File: VV017358.D
Acq: 06 Jul 2020 18:04

Tgt Ion: 84 Resp: 2786

Ion	Ratio	Lower	Upper
84	100		
86	48.0	45.8	85.0
49	107.4	89.6	166.4



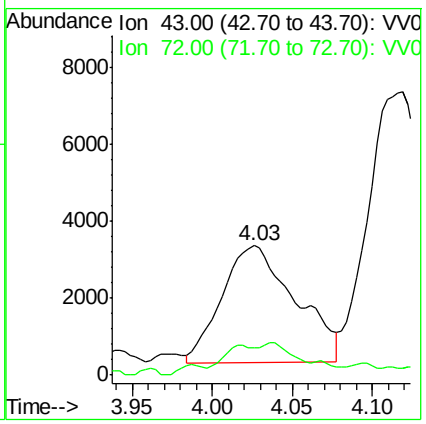


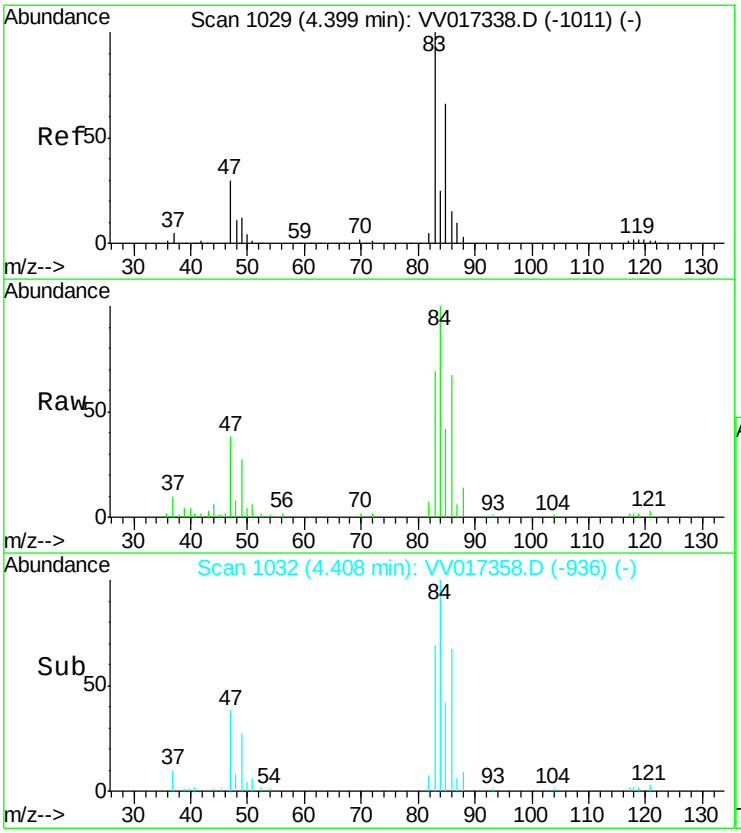
#21
2-Butanone
Concen: 4.156 ug/L
RT: 4.03 min Scan# 913
Delta R.T. 0.01 min
Lab File: VV017358.D
Acq: 06 Jul 2020 18:04

Instrument : MSVOA_V
ClientSampleId : C0AK0

Tgt Ion: 43 Resp: 9696

Ion	Ratio	Lower	Upper
43	100		
72	7.3	12.4	37.4#

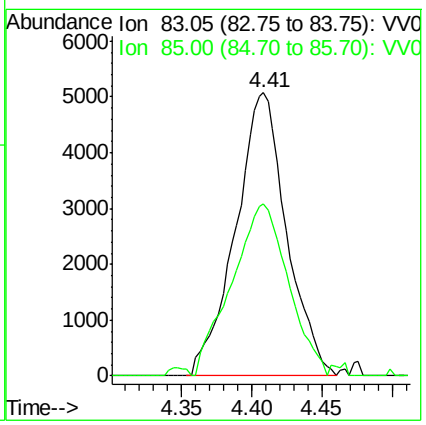


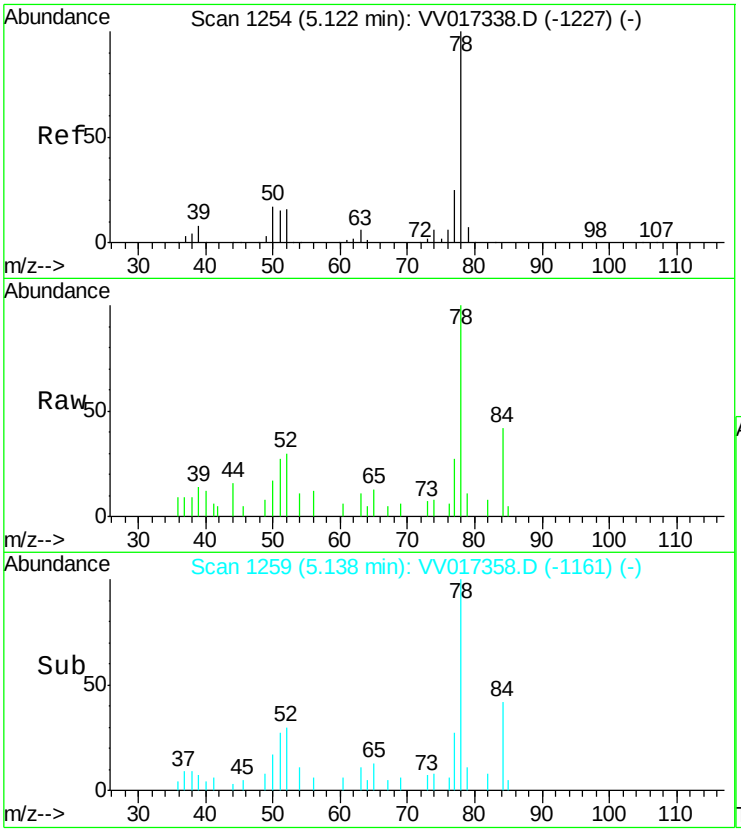


#25
Chloroform
Concen: 0.643 ug/L
RT: 4.41 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VV017358.D
Acq: 06 Jul 2020 18:04

Tgt Ion: 83 Resp: 12847

Ion	Ratio	Lower	Upper
83	100		
85	60.6	44.2	82.2

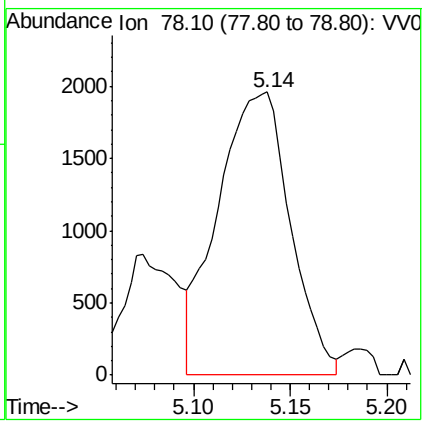


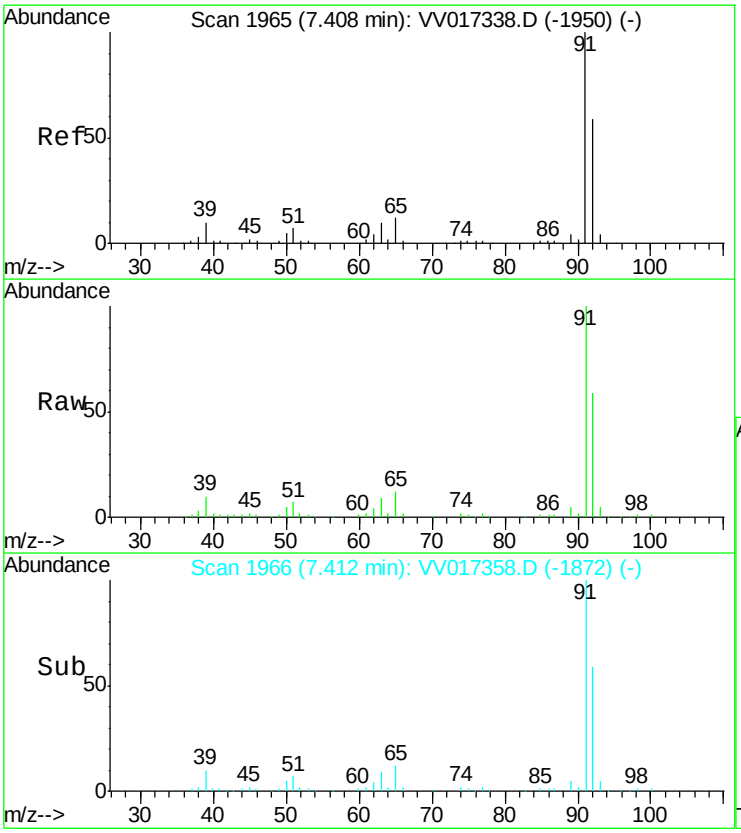


#33
Benzene
Concen: 0.124 ug/L
RT: 5.14 min Scan# 1259
Delta R.T. 0.02 min
Lab File: VV017358.D
Acq: 06 Jul 2020 18:04

Instrument :
MSVOA_V
ClientSampleId :
C0AK0

Tgt Ion: 78 Resp: 5114

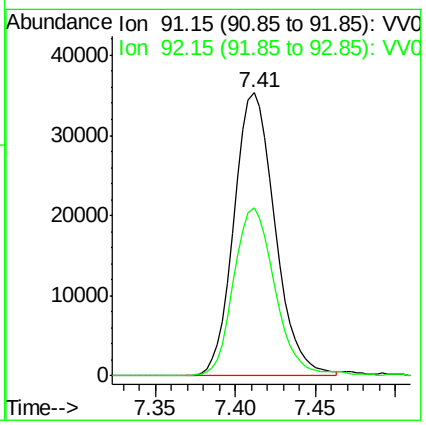


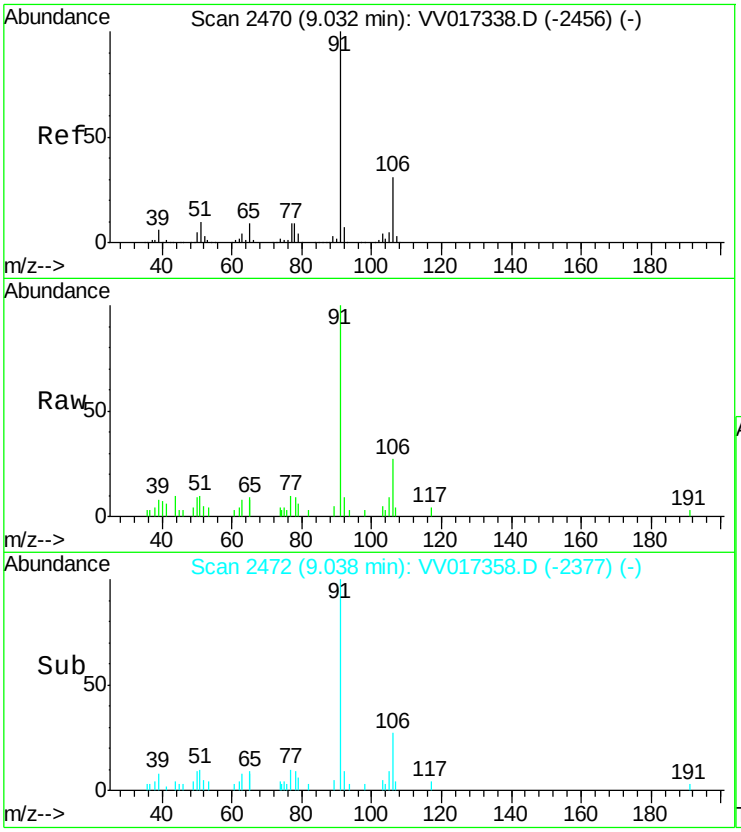


#42
Toluene
Concen: 1.289 ug/L
RT: 7.41 min Scan# 1966
Delta R.T. 0.00 min
Lab File: VV017358.D
Acq: 06 Jul 2020 18:04

Tgt Ion: 91 Resp: 61762

Ion	Ratio	Lower	Upper
91	100		
92	59.2	39.9	74.1



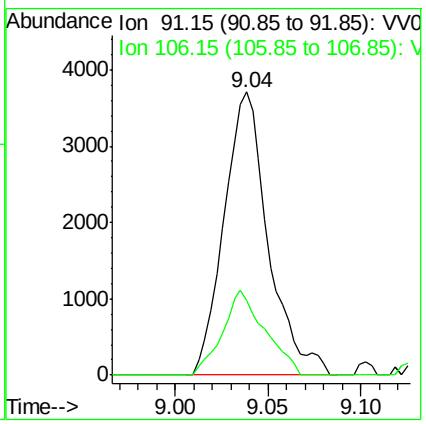


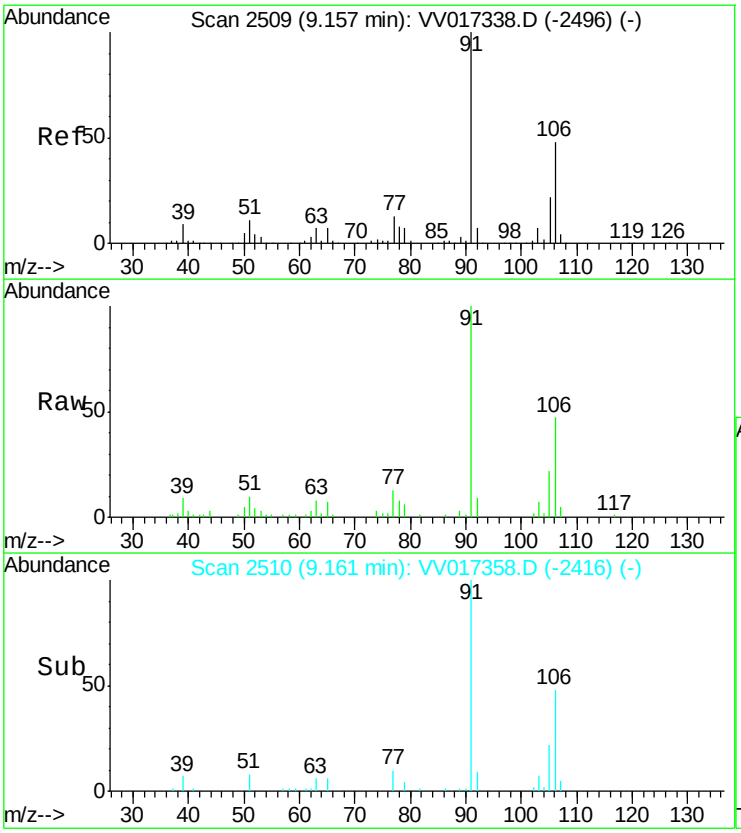
#54
Ethylbenzene
Concen: 0.120 ug/L
RT: 9.04 min Scan# 2472
Delta R.T. 0.01 min
Lab File: VV017358.D
Acq: 06 Jul 2020 18:04

Instrument : MSVOA_V
ClientSampleId : C0AK0

Tgt Ion: 91 Resp: 6134

Ion	Ratio	Lower	Upper
91	100		
106	26.6	21.1	39.1

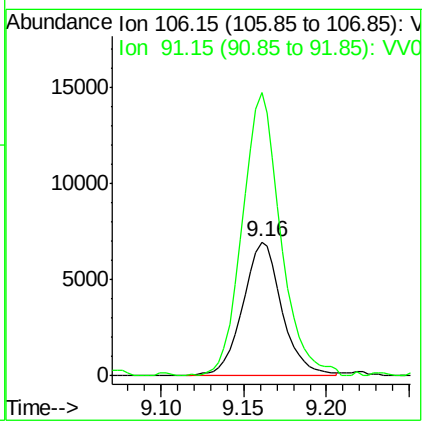


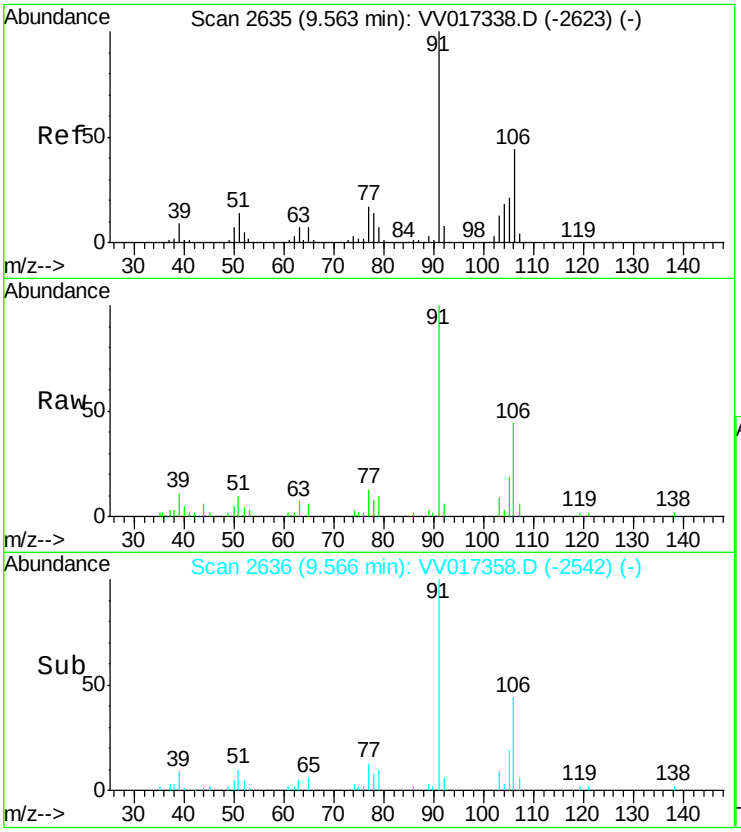


#55
m,p-xylene
Concen: 0.571 ug/L
RT: 9.16 min Scan# 2510
Delta R.T. 0.00 min
Lab File: VV017358.D
Acq: 06 Jul 2020 18:04

Tgt Ion:106 Resp: 11443

Ion	Ratio	Lower	Upper
106	100		
91	211.7	142.7	264.9

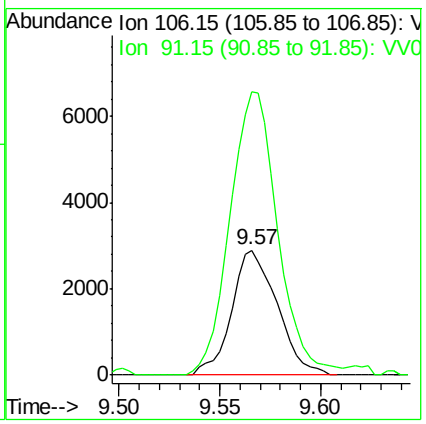




#56
o-xylene
Concen: 0.244 ug/L
RT: 9.57 min Scan# 2636
Delta R.T. 0.00 min
Lab File: VV017358.D
Acq: 06 Jul 2020 18:04

Tgt Ion:106 Resp: 4564

Ion	Ratio	Lower	Upper
106	100		
91	226.5	153.6	285.2



Instrument :
MSVOA_V
ClientSampleId :
C0AK0