Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV101819\
Data File : VV013220.D
Acq On : 18 Oct 2019 23:36
Operator : SY/MD
Sample : K5404-02
Misc : 25.00ML/MSVOA_V/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AA8

Quant Time: Nov 01 04:20:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 01 04:09:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	401393	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	440561	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	221076	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	189605	4.60	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 92.00%			
7) Chloroethane-d5	1.58	69	158741	4.87	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 97.40%			
11) 1,1-Dichloroethene-d2	2.13	63	223990	3.51	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 70.20%			
20) 2-Butanone-d5	3.97	46	495664	58.44	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 116.88%			
24) Chloroform-d	4.40	84	392772	4.97	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.40%			
26) 1,2-Dichloroethane-d4	5.08	65	200870	5.36	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 107.20%			
32) Benzene-d6	5.09	84	782285	4.65	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.00%			
36) 1,2-Dichloropropane-d6	6.12	67	248647	4.96	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 99.20%			
41) Toluene-d8	7.36	98	623478	4.17	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 83.40%			
43) trans-1,3-Dichloropropene-	7.66	79	76700	4.29	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 85.80%			
46) 2-Hexanone-d5	8.13	63	369510	51.41	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 102.82%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	189861	5.30	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 106.00%			
64) 1,2-Dichlorobenzene-d4	11.67	152	255030	5.44	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 108.80%			

Target Compounds						Qvalue
3) Chloromethane	1.25	50	3894	0.081	ug/L	88
13) Acetone	2.24	43	6817	1.642	ug/L	86
17) Methyl tert-butyl Ether	2.81	73	19735	0.229	ug/L #	87
27) 1,2-Dichloroethane	5.18	62	31355	0.711	ug/L	97
33) Benzene	5.15	78	10852	0.061	ug/L	100
42) Toluene	7.43	91	15863	0.087	ug/L	96
51) Chlorobenzene	8.92	112	12507	0.107	ug/L	95
63) 1,4-Dichlorobenzene	11.31	146	6320	0.080	ug/L	92

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

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Quant Time: Nov 01 04:20:21 2019
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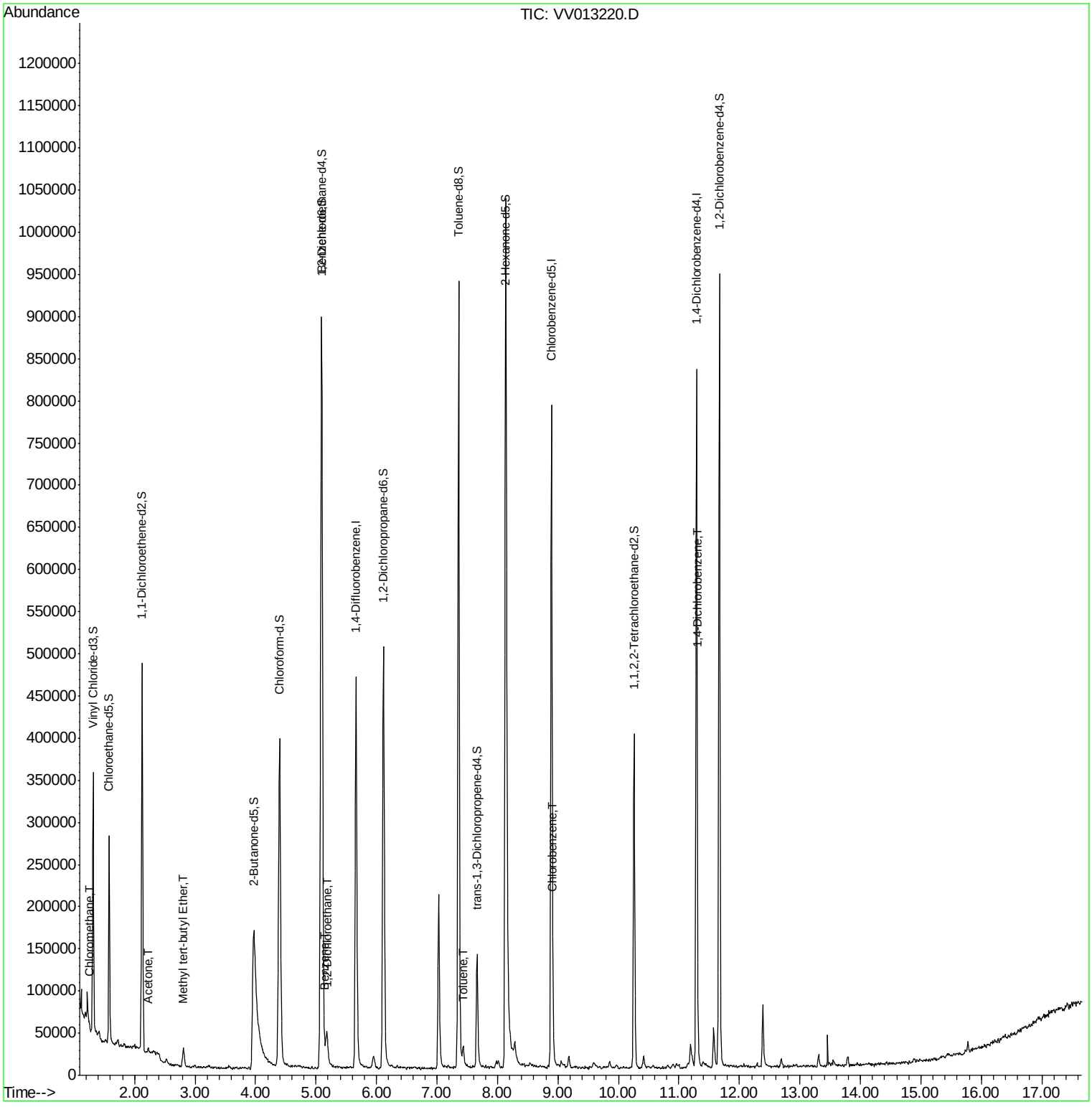
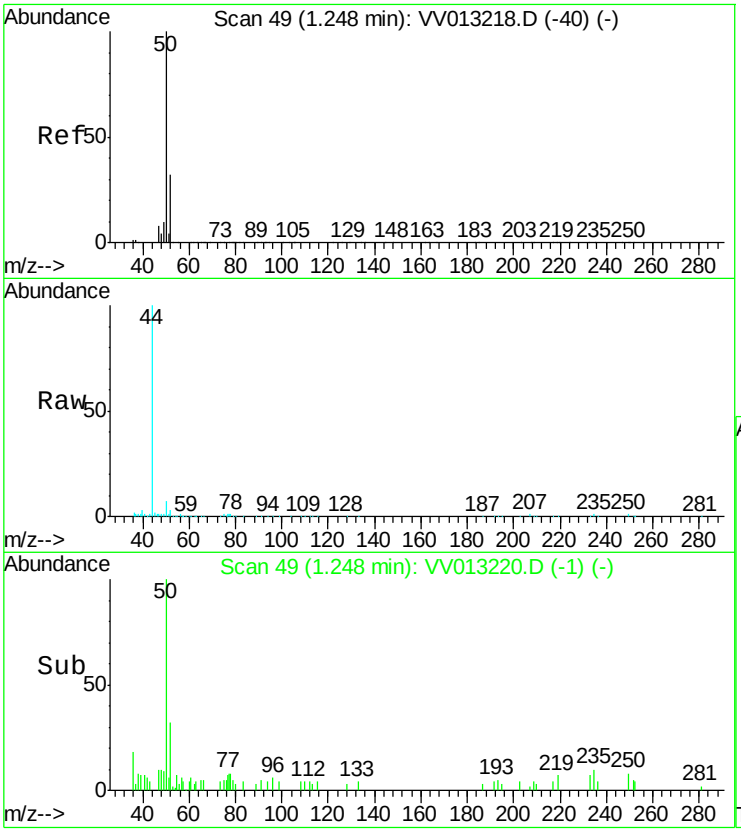
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 01 04:09:56 2019
Response via : Initial Calibration



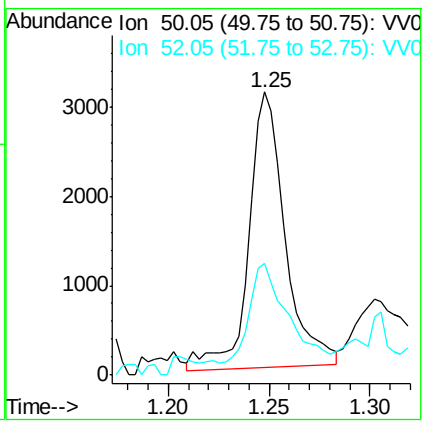


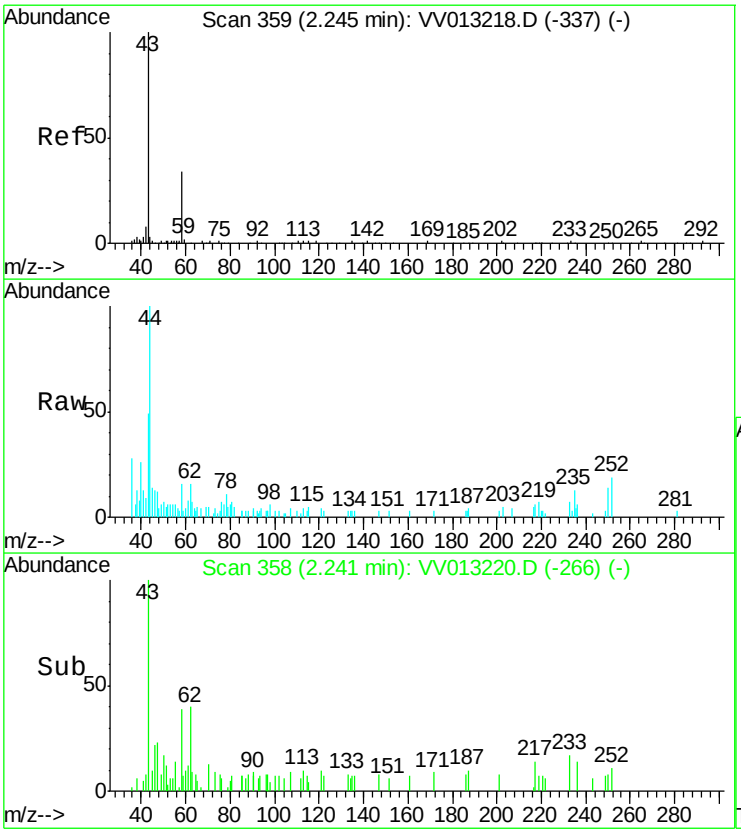
#3
Chloromethane
Concen: 0.081 ug/L
RT: 1.25 min Scan# 49
Delta R.T. -0.00 min
Lab File: VV013220.D
Acq: 18 Oct 2019 23:36

Instrument :
MSVOA_V
ClientSampleId :
C0AA8

Tgt Ion: 50 Resp: 3894

Ion	Ratio	Lower	Upper
50	100		
52	39.4	23.0	42.8

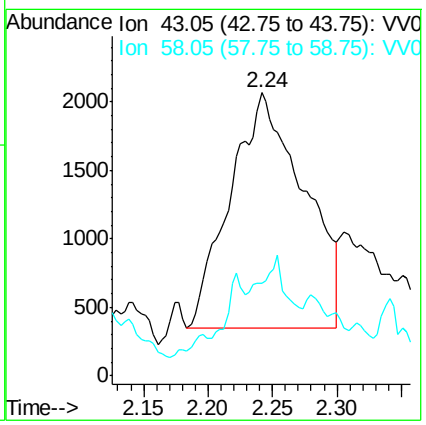


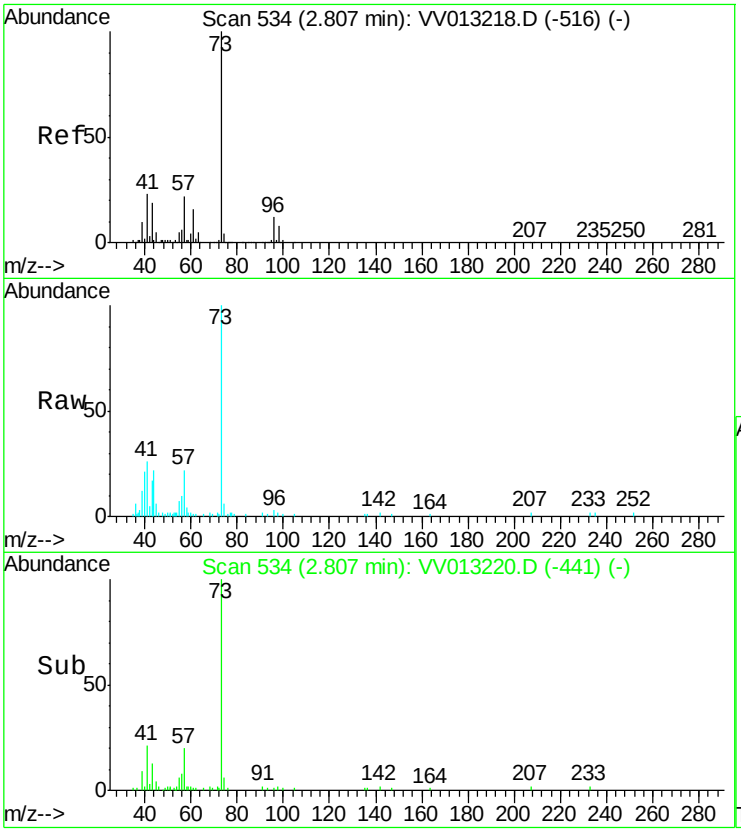


#13
Acetone
Concen: 1.642 ug/L
RT: 2.24 min Scan# 358
Delta R.T. -0.00 min
Lab File: VV013220.D
Acq: 18 Oct 2019 23:36

Tgt Ion: 43 Resp: 6817

Ion	Ratio	Lower	Upper
43	100		
58	19.0	0.0	52.4



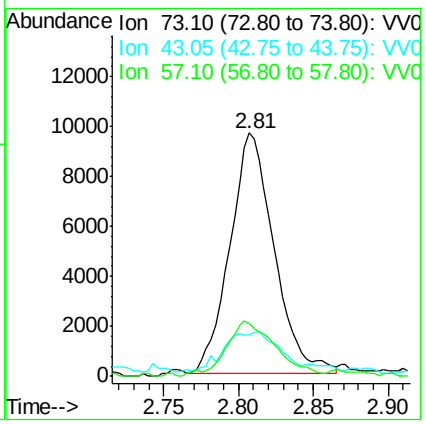


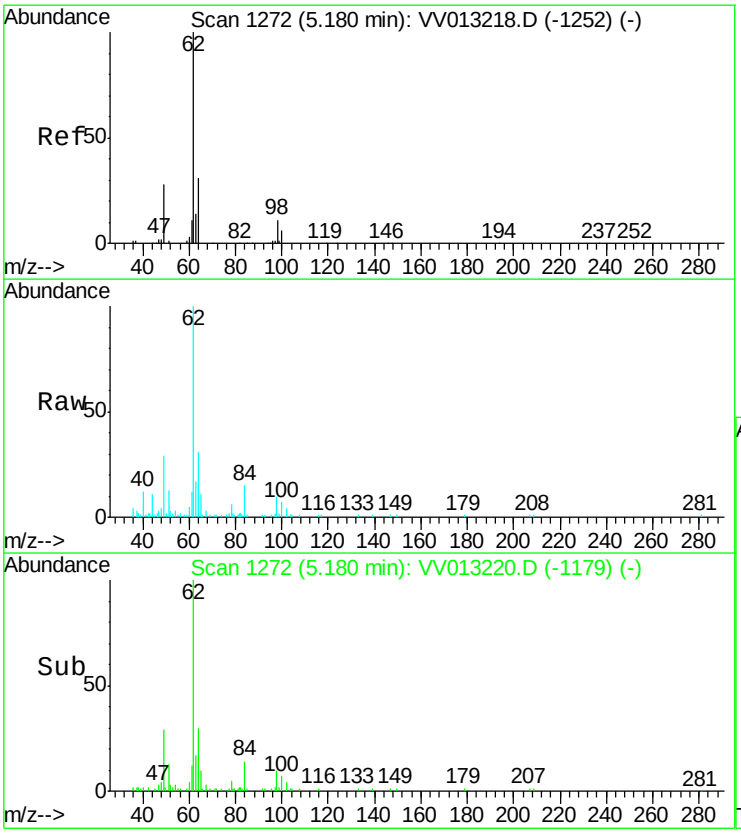
#17
Methyl tert-butyl Ether
Concen: 0.229 ug/L
RT: 2.81 min Scan# 534
Delta R.T. -0.00 min
Lab File: VV013220.D
Acq: 18 Oct 2019 23:36

Instrument :
MSVOA_V
ClientSampleId :
C0AA8

Tgt Ion: 73 Resp: 19735

Ion	Ratio	Lower	Upper
73	100		
43	9.1	14.6	22.0#
57	25.8	17.8	26.8

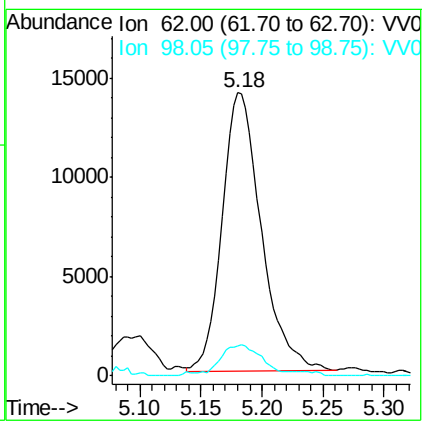


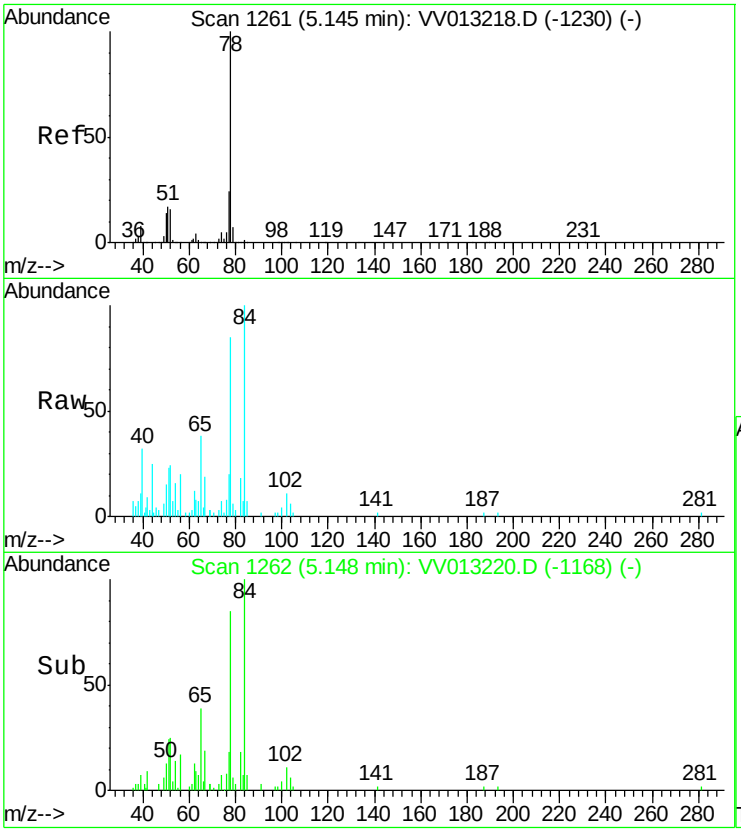


#27
1,2-Dichloroethane
Concen: 0.711 ug/L
RT: 5.18 min Scan# 1272
Delta R.T. -0.00 min
Lab File: VV013220.D
Acq: 18 Oct 2019 23:36

Tgt Ion: 62 Resp: 31355

Ion	Ratio	Lower	Upper
62	100		
98	10.5	7.4	11.2

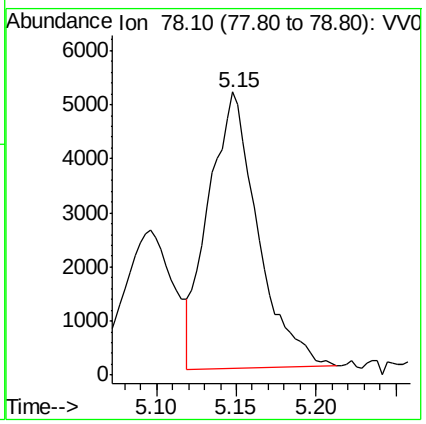


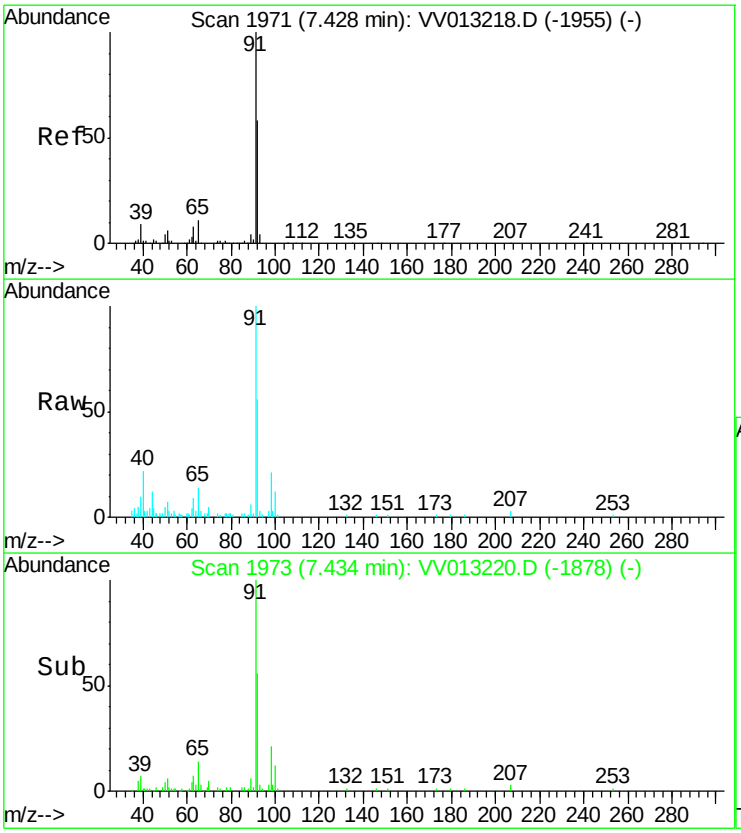


#33
Benzene
Concen: 0.061 ug/L
RT: 5.15 min Scan# 1262
Delta R.T. 0.00 min
Lab File: VV013220.D
Acq: 18 Oct 2019 23:36

Instrument :
MSVOA_V
ClientSampleId :
C0AA8

Tgt Ion: 78 Resp: 10852

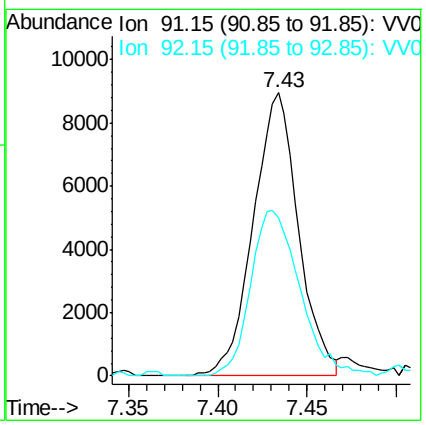


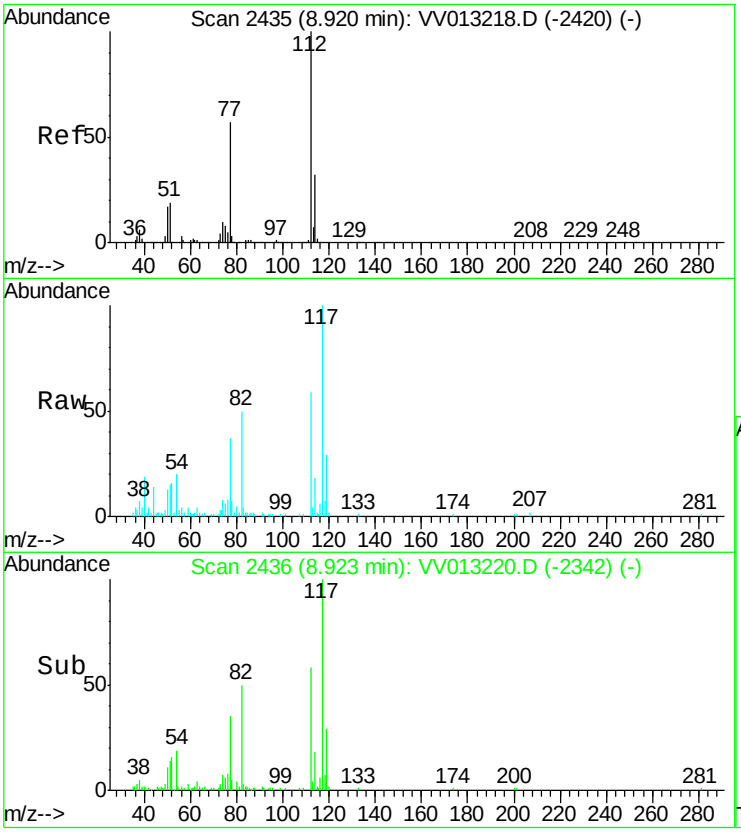


#42
Toluene
Concen: 0.087 ug/L
RT: 7.43 min Scan# 1973
Delta R.T. 0.01 min
Lab File: VV013220.D
Acq: 18 Oct 2019 23:36

Tgt Ion: 91 Resp: 15863

Ion	Ratio	Lower	Upper
91	100		
92	55.7	41.2	76.4



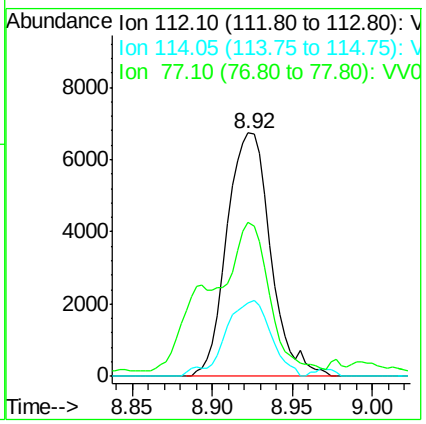


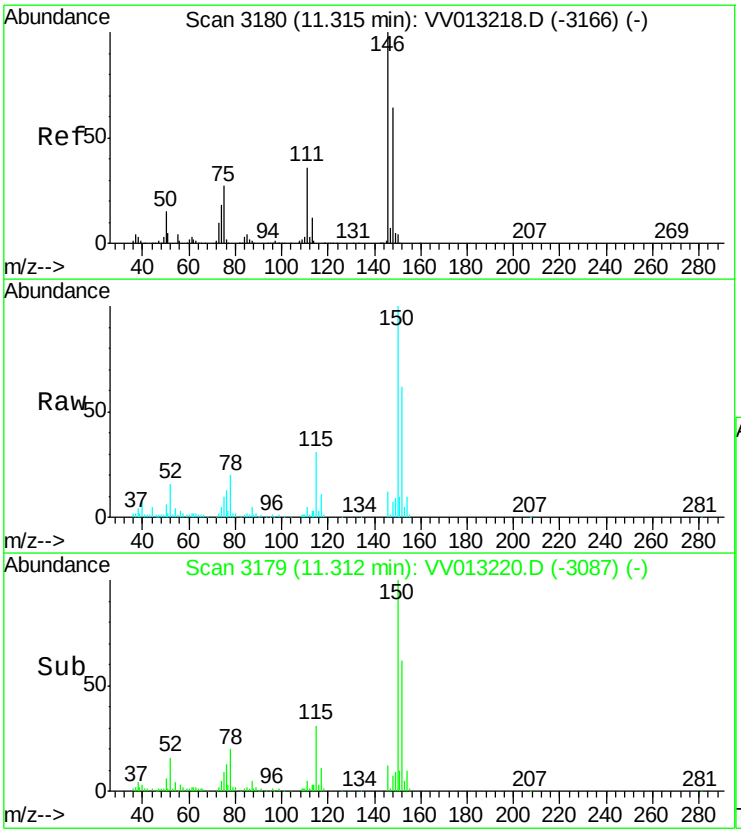
#51
Chlorobenzene
Concen: 0.107 ug/L
RT: 8.92 min Scan# 2436
Delta R.T. 0.00 min
Lab File: VV013220.D
Acq: 18 Oct 2019 23:36

Instrument : MSVOA_V
ClientSampleId : C0AA8

Tgt Ion:112 Resp: 12507

Ion	Ratio	Lower	Upper
112	100		
114	30.3	22.6	42.0
77	63.2	47.5	71.3





#63
1,4-Dichlorobenzene
Concen: 0.080 ug/L
RT: 11.31 min Scan# 3179
Delta R.T. -0.00 min
Lab File: VV013220.D
Acq: 18 Oct 2019 23:36

Tgt Ion:146 Resp: 6320

Ion	Ratio	Lower	Upper
146	100		
111	43.5	25.7	47.7
148	58.4	44.4	82.5