Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV042219\

Quantitation Report (Not Reviewed)

Data File : VV010449.D
Acq On : 23 Apr 2019 11:22
Operator : SY/MD
Sample : K2481-09MSD
Misc : 5.01G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAHW2

Quant Time: Apr 24 02:13:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM042219S.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 24 02:09:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	86468	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	90583	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	39339	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	11439	9.60	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 38.40%			
7) Chloroethane-d5	1.57	69	13977	15.08	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 60.32%			
10) 1,1-Dichloroethene-d2	2.12	63	31334	14.09	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 56.36%			
20) 2-Butanone-d5	3.94	46	14600	52.41	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 104.82%			
24) Chloroform-d	4.40	84	47617	22.53	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 90.12%			
26) 1,2-Dichloroethane-d4	5.08	65	30675	23.66	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 94.64%			
29) Benzene-d6	5.10	84	82571	19.74	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 78.96%			
33) 1,2-Dichloropropane-d6	6.12	67	29720	24.09	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 96.36%			
37) Toluene-d8	7.36	98	76274	17.71	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 70.84%			
38) trans-1,3-Dichloropropene-	7.67	79	10639	17.51	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 70.04%			
39) 2-Hexanone-d5	8.14	63	8132	33.18	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 66.36%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	26591	22.12	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 88.48%			
61) 1,2-Dichlorobenzene-d4	11.67	152	34780	23.26	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 93.04%			

Target Compounds						Qvalue
6) Bromomethane	1.52	94	565	0.838	ug/L	59
12) 1,1-Dichloroethene	2.14	96	21851	20.069	ug/L #	75
13) Acetone	2.19	43	1511	5.061	ug/L	88
16) Methylene chloride	2.53	84	2440	1.924	ug/L #	75
34) Benzene	5.14	78	108159	27.013	ug/L	100
35) Trichloroethene	5.96	95	28084	23.129	ug/L	96
44) Toluene	7.43	91	116781	24.135	ug/L	98
52) Chlorobenzene	8.92	112	86830	25.597	ug/L	98
59) 1,2,3-Trichloropropane	11.30	75	4474	5.274	ug/L #	84
69) Naphthalene	13.55	128	121954	54.713	ug/L	97

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV042219\

Quantitation Report (Not Reviewed)

Data File : VV010449.D
Acq On : 23 Apr 2019 11:22
Operator : SY/MD
Sample : K2481-09MSD
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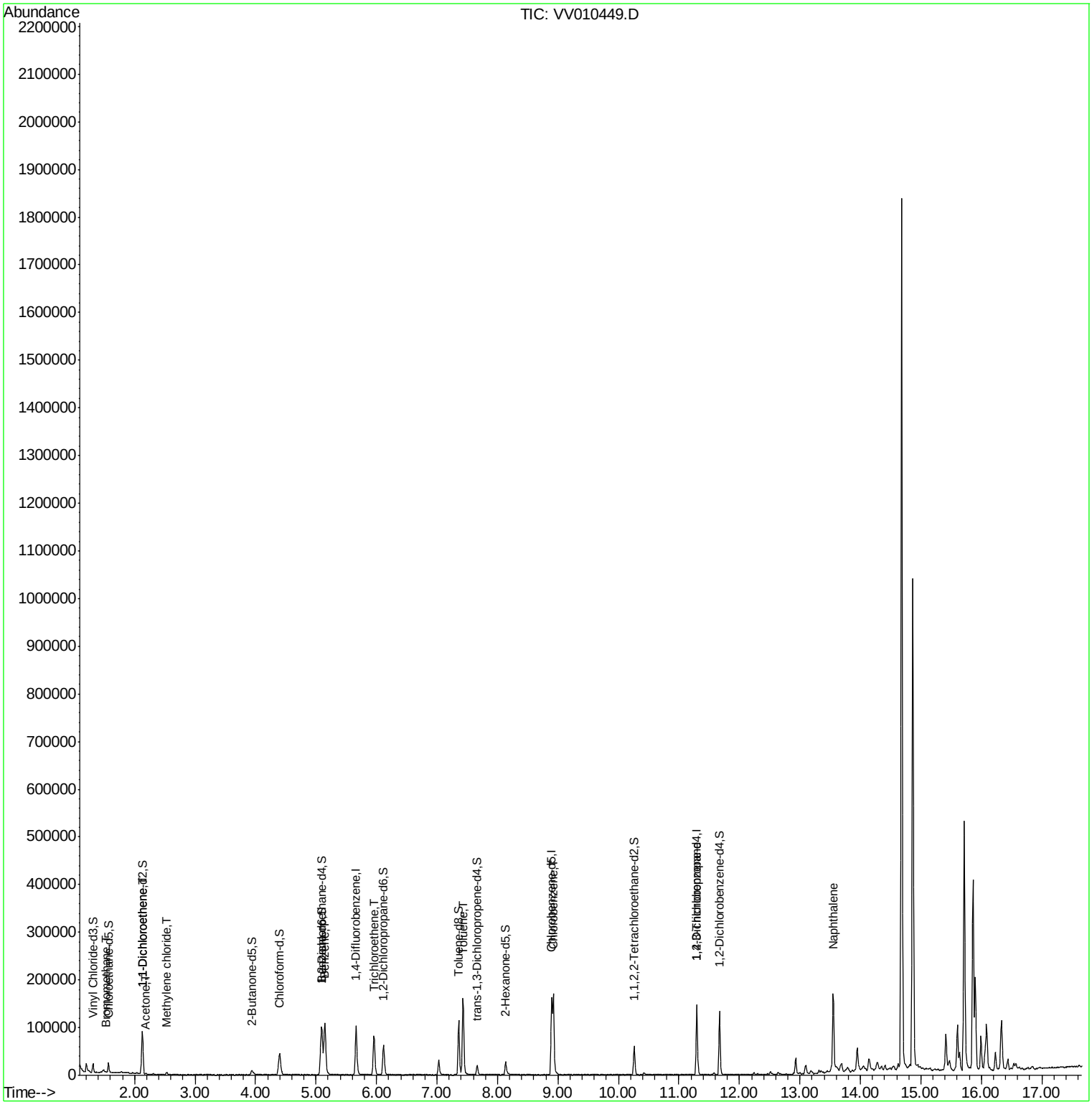
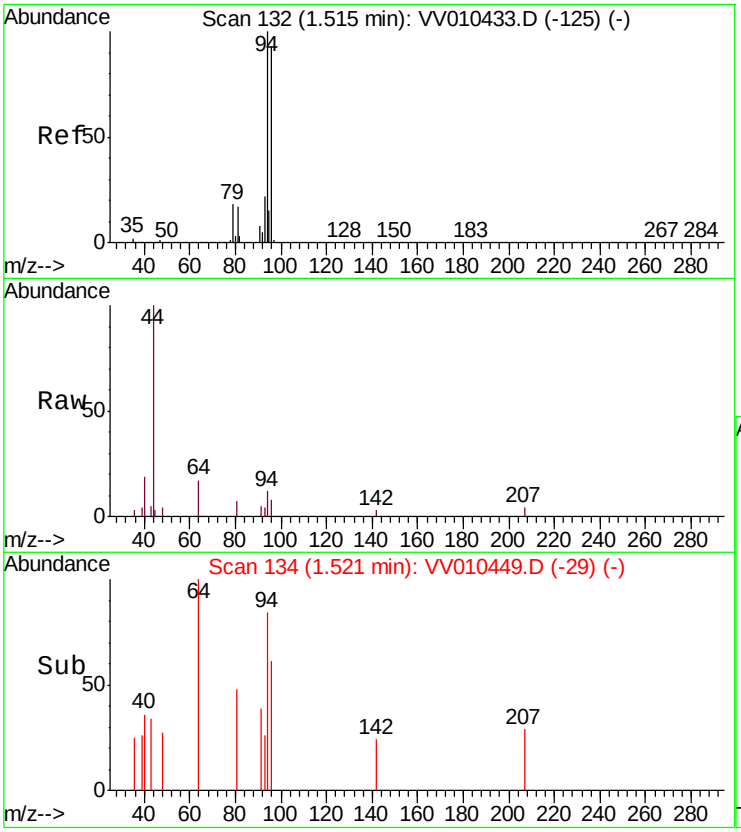
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAHW2

Quant Time: Apr 24 02:13:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM042219S.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 24 02:09:39 2019
Response via : Initial Calibration



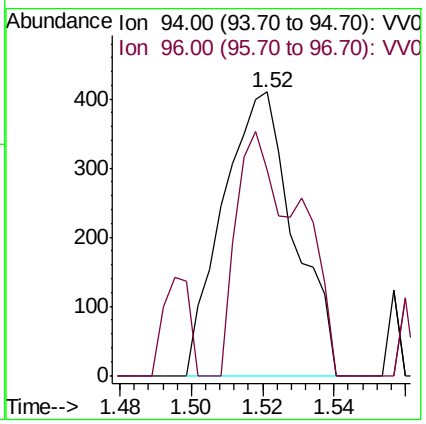


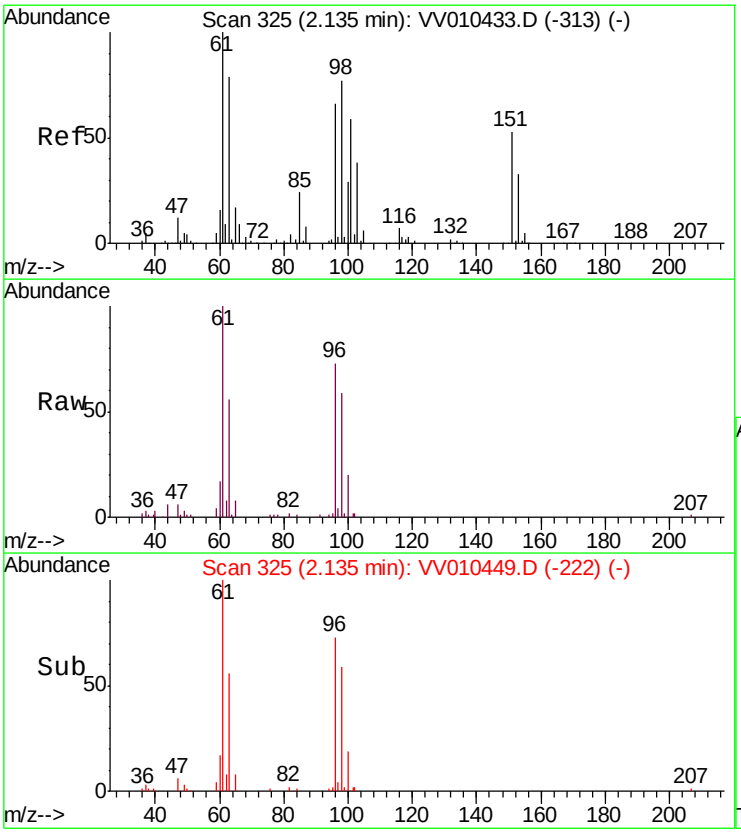
#6
Bromomethane
Concen: 0.838 ug/L
RT: 1.52 min Scan# 134
Delta R.T. 0.01 min
Lab File: VV010449.D
Acq: 23 Apr 2019 11:22

Instrument :
MSVOA_V
ClientSampleId :
GAHW2

Tgt Ion: 94 Resp: 565

Ion	Ratio	Lower	Upper
94	100		
96	55.2	9.5	180.3

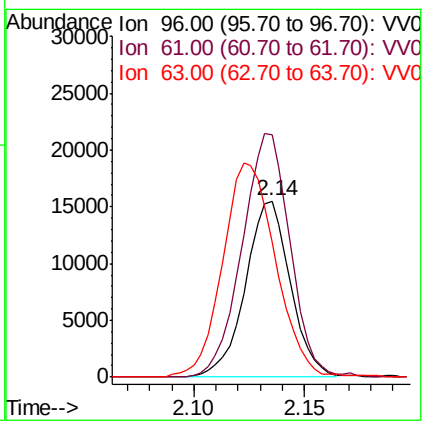


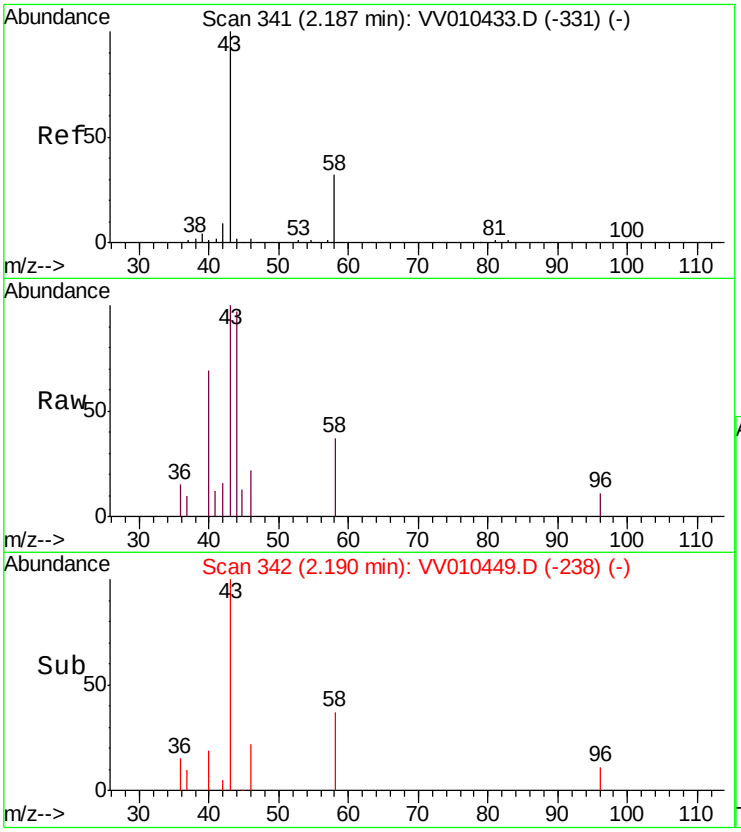


#12
1,1-Dichloroethene
Concen: 20.069 ug/L
RT: 2.14 min Scan# 325
Delta R.T. -0.00 min
Lab File: VV010449.D
Acq: 23 Apr 2019 11:22

Tgt Ion: 96 Resp: 21851

Ion	Ratio	Lower	Upper
96	100		
61	137.6	105.3	195.5
63	77.0	87.8	163.2#



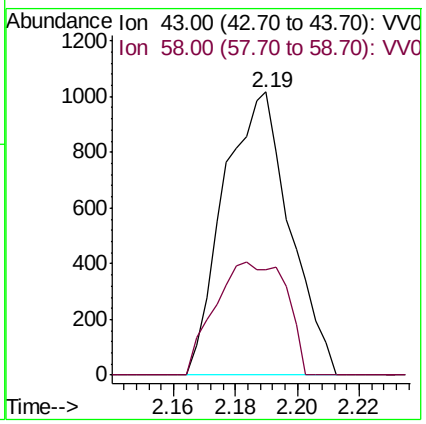


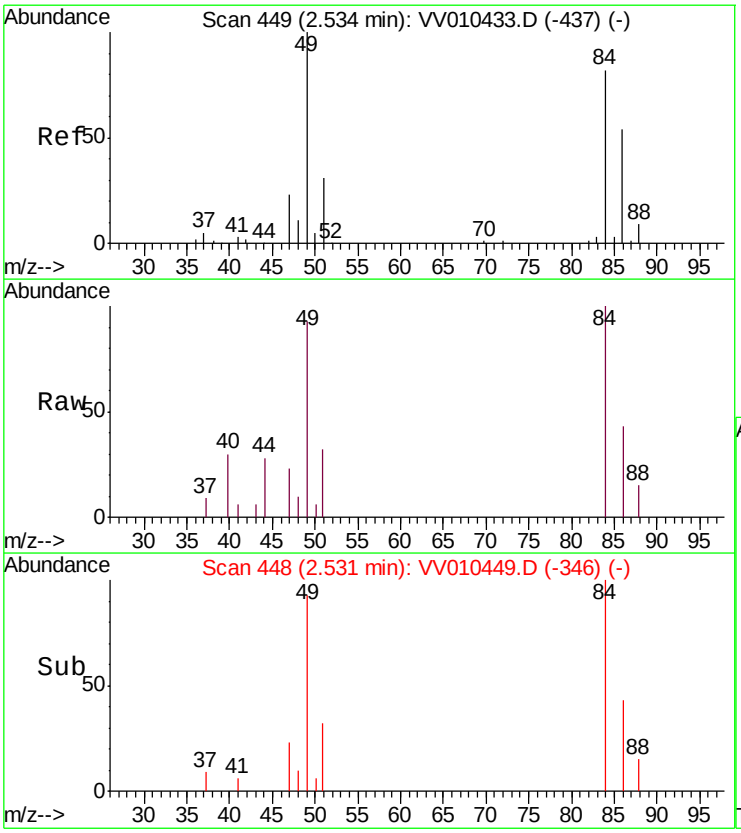
#13
Acetone
Concen: 5.061 ug/L
RT: 2.19 min Scan# 342
Delta R.T. 0.00 min
Lab File: VV010449.D
Acq: 23 Apr 2019 11:22

Instrument :
MSVOA_V
ClientSampleId :
GAHW2

Tgt Ion: 43 Resp: 1511

Ion	Ratio	Lower	Upper
43	100		
58	26.7	0.0	66.4

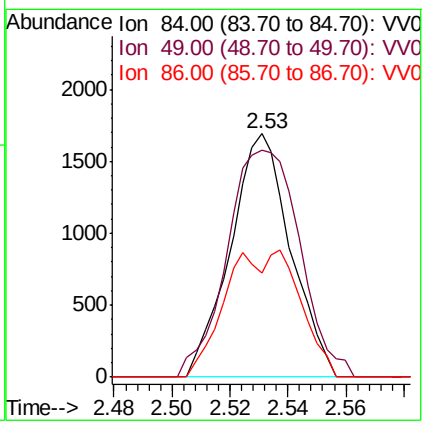


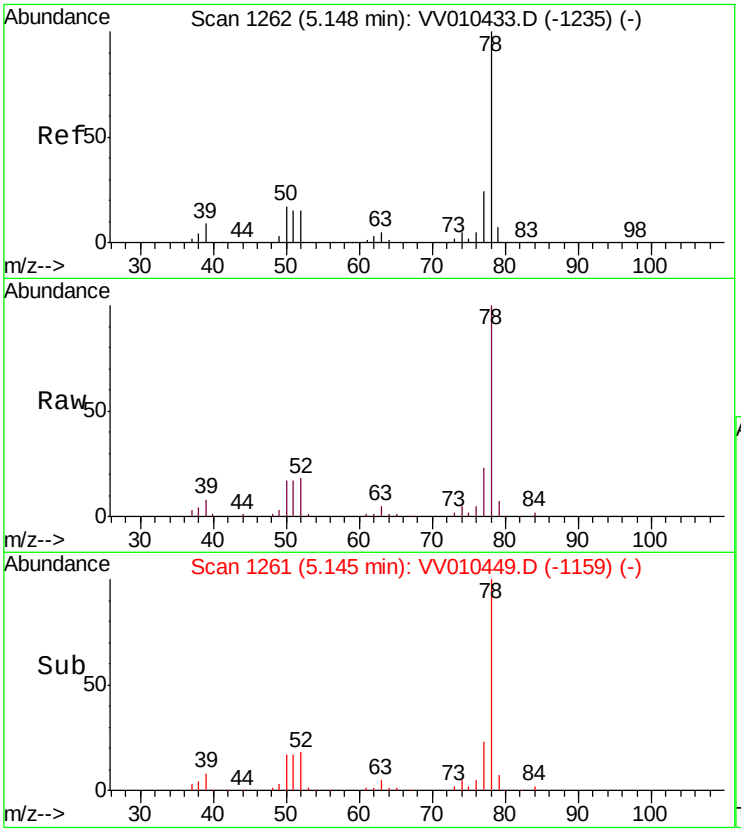


#16
Methylene chloride
Concen: 1.924 ug/L
RT: 2.53 min Scan# 448
Delta R.T. -0.00 min
Lab File: VV010449.D
Acq: 23 Apr 2019 11:22

Tgt Ion: 84 Resp: 2440

Ion	Ratio	Lower	Upper
84	100		
49	93.3	85.0	158.0
86	42.8	43.9	81.5#

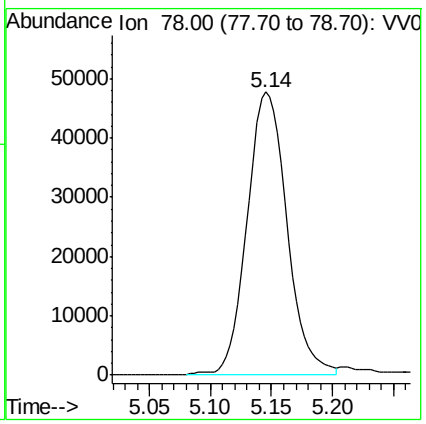


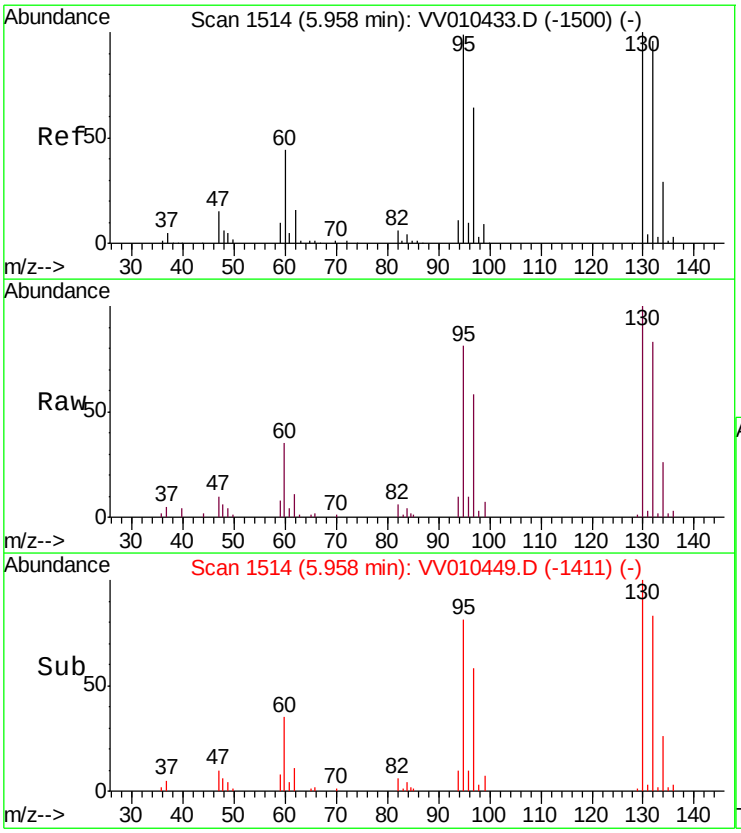


#34
Benzene
Concen: 27.013 ug/L
RT: 5.14 min Scan# 1261
Delta R.T. -0.00 min
Lab File: VV010449.D
Acq: 23 Apr 2019 11:22

Instrument :
MSVOA_V
ClientSampleId :
GAHW2

Tgt Ion: 78 Resp: 108159

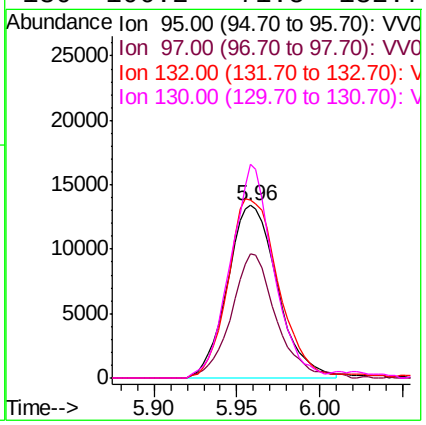


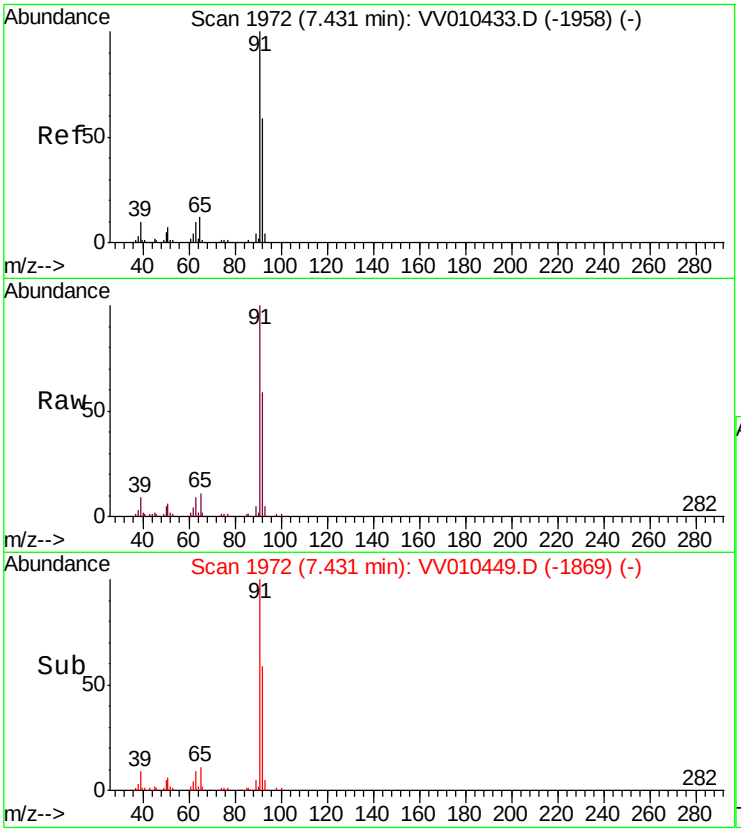


#35
Trichloroethene
Concen: 23.129 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VV010449.D
Acq: 23 Apr 2019 11:22

Tgt Ion: 95 Resp: 28084

Ion	Ratio	Lower	Upper
95	100		
97	64.8	44.4	82.4
132	104.1	69.0	128.1
130	106.2	71.5	132.7



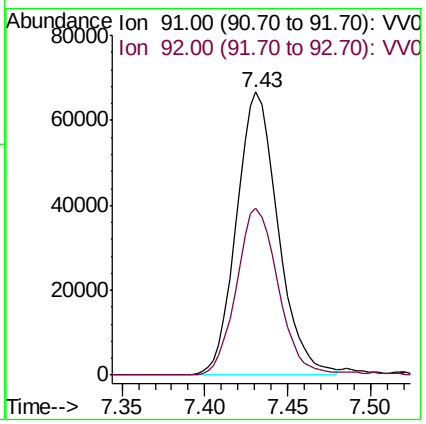


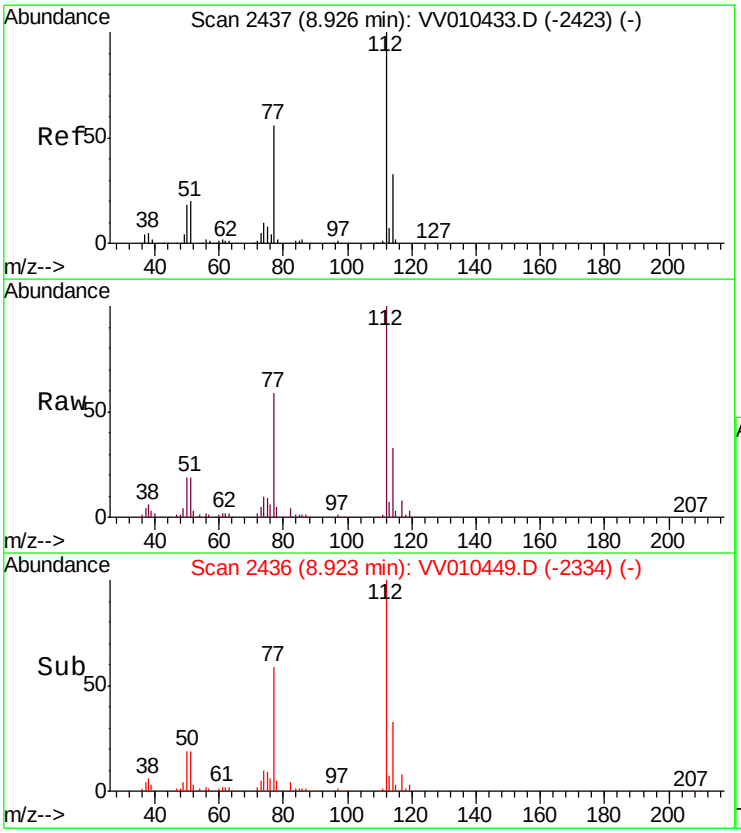
#44
Toluene
Concen: 24.135 ug/L
RT: 7.43 min Scan# 1972
Delta R.T. -0.00 min
Lab File: VV010449.D
Acq: 23 Apr 2019 11:22

Instrument :
MSVOA_V
ClientSampleId :
GAHW2

Tgt Ion: 91 Resp: 116781

Ion	Ratio	Lower	Upper
91	100		
92	59.1	40.5	75.1

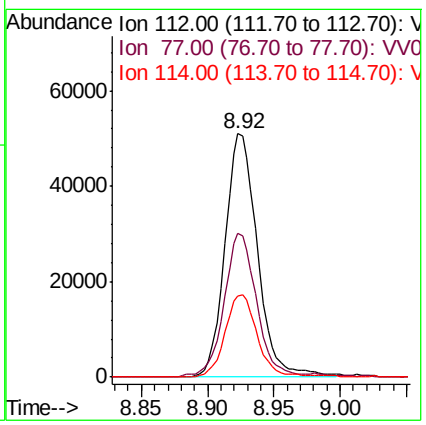


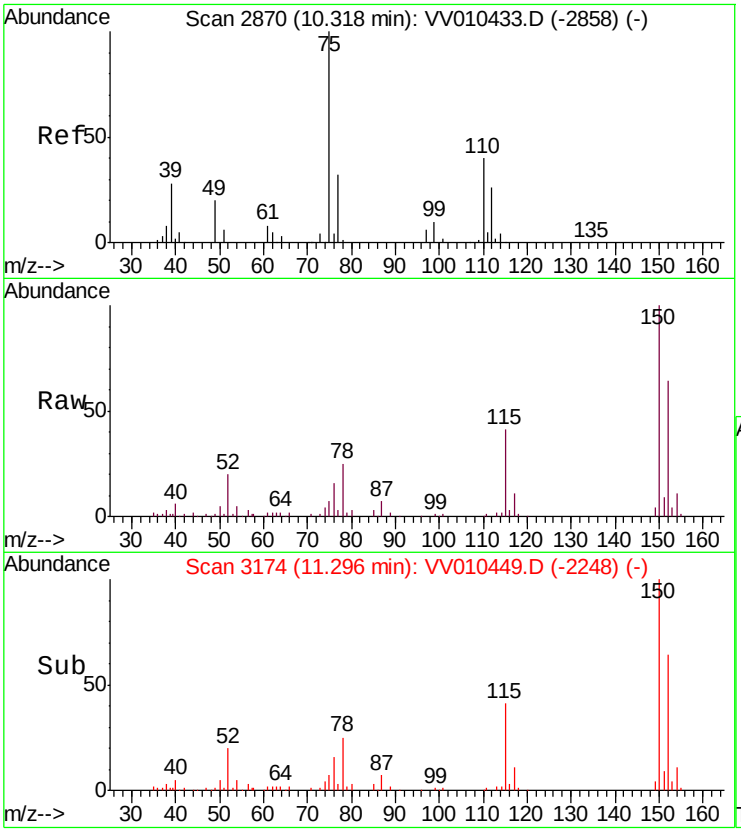


#52
Chlorobenzene
Concen: 25.597 ug/L
RT: 8.92 min Scan# 2436
Delta R.T. -0.00 min
Lab File: VV010449.D
Acq: 23 Apr 2019 11:22

Tgt Ion:112 Resp: 86830

Ion	Ratio	Lower	Upper
112	100		
77	59.1	46.2	69.2
114	33.4	22.5	41.7



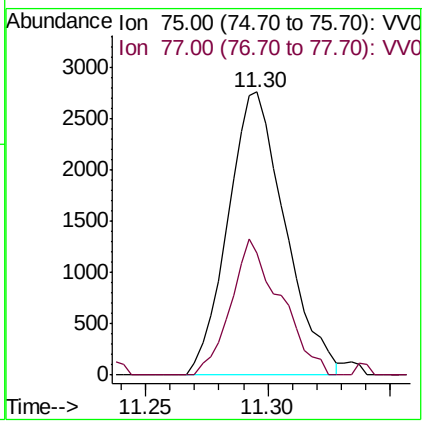


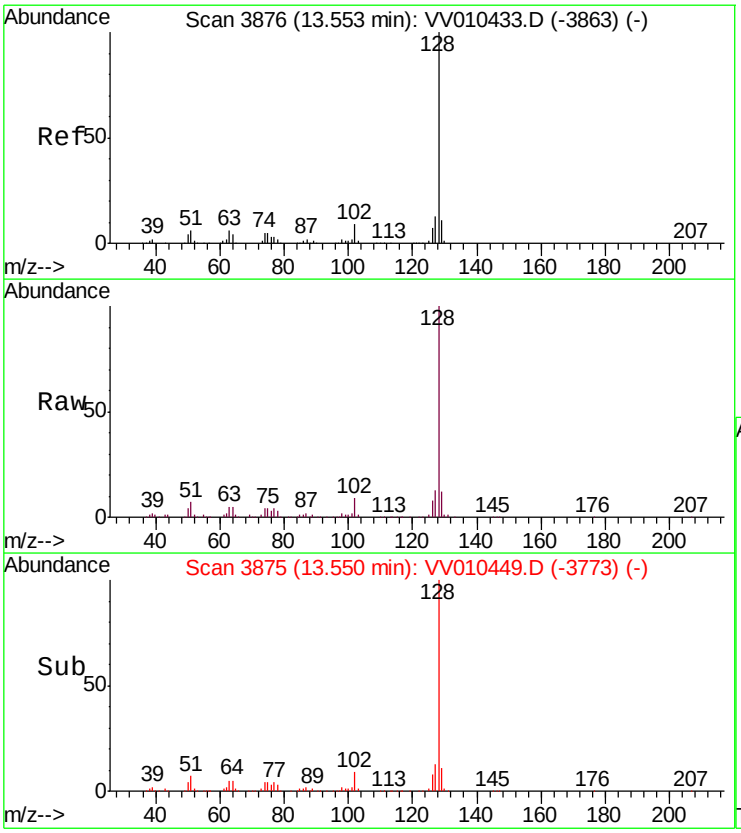
#59
1,2,3-Trichloropropane
Concen: 5.274 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.98 min
Lab File: VV010449.D
Acq: 23 Apr 2019 11:22

Instrument : MSVOA_V
ClientSampleId : GAHW2

Tgt Ion: 75 Resp: 4474

Ion	Ratio	Lower	Upper
75	100		
77	41.9	26.2	39.2#





#69
Naphthalene
Concen: 54.713 ug/L
RT: 13.55 min Scan# 3875
Delta R.T. -0.00 min
Lab File: VV010449.D
Acq: 23 Apr 2019 11:22

Tgt Ion:128 Resp: 121954

Ion	Ratio	Lower	Upper
128	100		
129	11.7	8.4	12.6
127	14.1	10.2	15.2