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

Quantitation Report (Not Reviewed)

Data File : VV010437.D
Acq On : 23 Apr 2019 05:02
Operator : SY/MD
Sample : K2456-20MSD
Misc : 5.06G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAHN8MSD

Quant Time: Apr 23 07:59:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM042219S.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 23 07:55:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	28199	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	30002	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.31	152	9202	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	3694	9.51	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 38.04%			
7) Chloroethane-d5	1.58	69	5263	17.42	ug/L	0.01
Spiked Amount 25.000	Range 30 - 150		Recovery = 69.68%			
10) 1,1-Dichloroethene-d2	2.13	63	8911	12.28	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 49.12%			
20) 2-Butanone-d5	4.01	46	248	2.73	ug/L	0.08
Spiked Amount 50.000	Range 20 - 135		Recovery = 5.46%#			
24) Chloroform-d	4.40	84	16950	24.60	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 98.40%			
26) 1,2-Dichloroethane-d4	5.08	65	14396	34.05	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 136.20%#			
29) Benzene-d6	5.10	84	27860	20.11	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 80.44%			
33) 1,2-Dichloropropane-d6	6.12	67	10991	26.90	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 107.60%			
37) Toluene-d8	7.36	98	26998	18.92	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 75.68%			
38) trans-1,3-Dichloropropene-	7.67	79	3671	18.24	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 72.96%			
39) 2-Hexanone-d5	8.14	63	2062	25.41	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 50.82%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	12181	30.60	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 122.40%#			
61) 1,2-Dichlorobenzene-d4	11.68	152	9006	25.75	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 103.00%			
Target Compounds						Qvalue
6) Bromomethane	1.54	94	343	1.561	ug/L	81
12) 1,1-Dichloroethene	2.14	96	4771	13.436	ug/L	88
13) Acetone	2.18	43	434	4.457	ug/L	91
16) Methylene chloride	2.53	84	2107	5.095	ug/L	99
34) Benzene	5.15	78	33036	24.911	ug/L	100
35) Trichloroethene	5.96	95	8432	20.966	ug/L	96
40) 1,2-Dichloropropane	6.12	63	1094	3.352	ug/L #	87
44) Toluene	7.43	91	35070	21.883	ug/L	99
52) Chlorobenzene	8.93	112	27263	24.265	ug/L	98
59) 1,2,3-Trichloropropane	11.30	75	1006	3.581	ug/L #	77
69) Naphthalene	13.56	128	1115	2.139	ug/L #	79

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

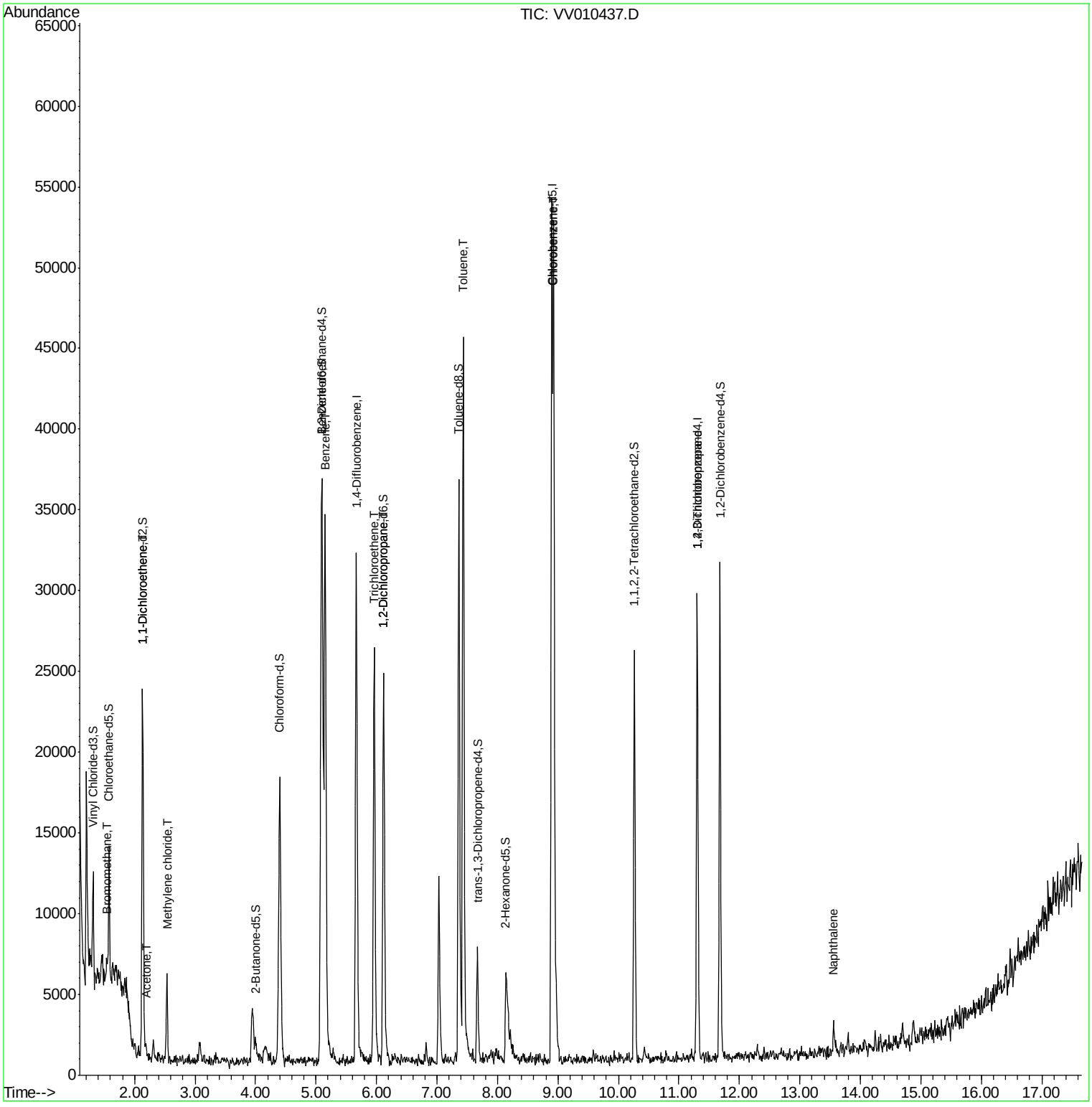
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV042219\

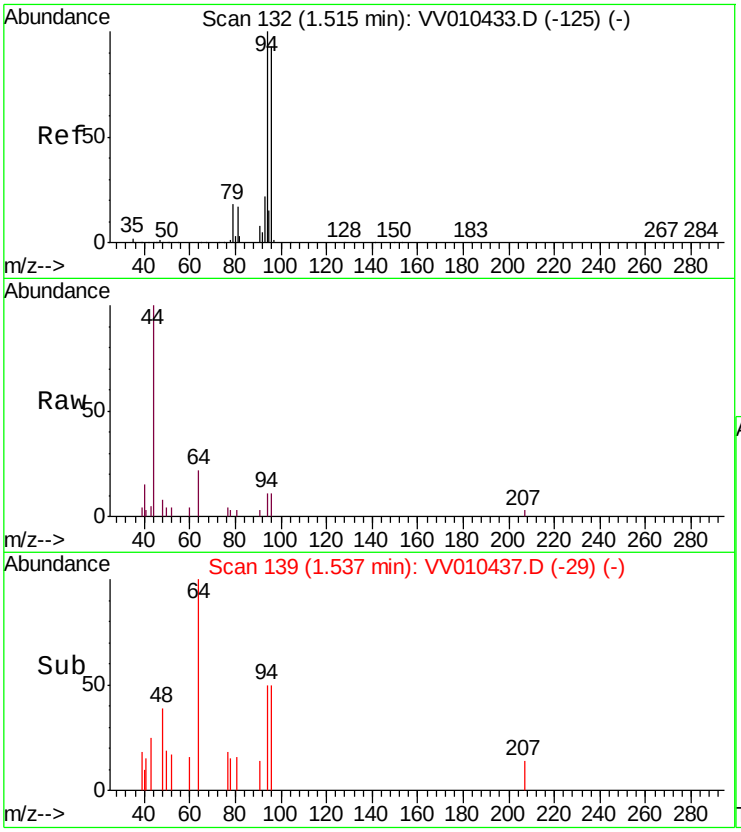
Quantitation Report (Not Reviewed)

Data File : VV010437.D
Acq On : 23 Apr 2019 05:02
Operator : SY/MD
Sample : K2456-20MSD
Misc : 5.06G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAHN8MSD

Quant Time: Apr 23 07:59:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM042219S.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 23 07:55:10 2019
Response via : Initial Calibration



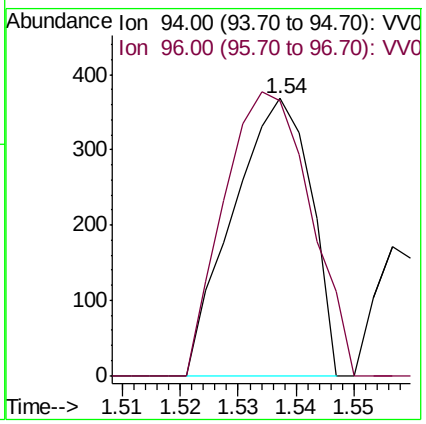


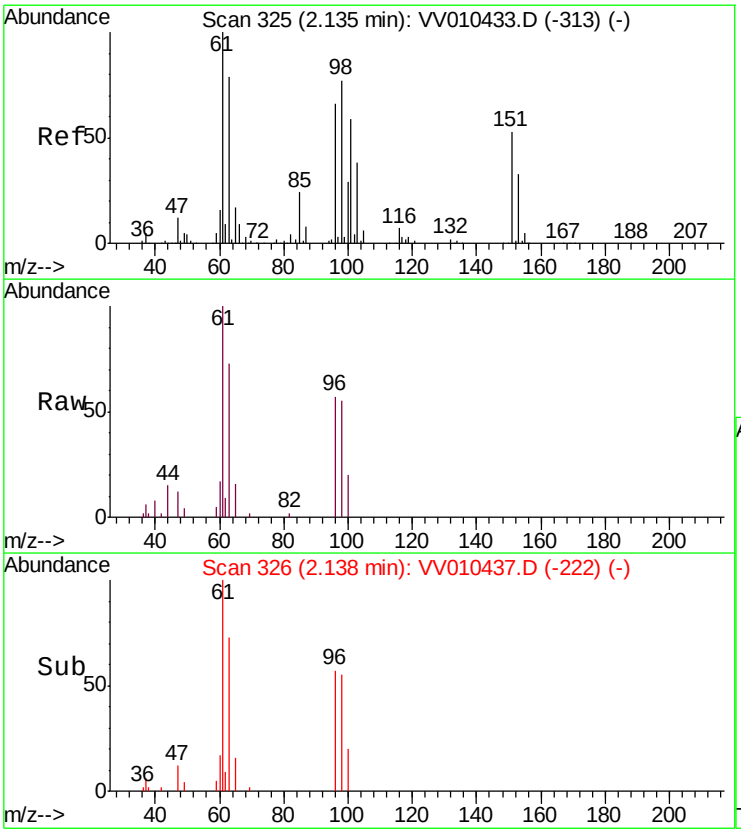
#6
Bromomethane
Concen: 1.561 ug/L
RT: 1.54 min Scan# 139
Delta R.T. 0.02 min
Lab File: VV010437.D
Acq: 23 Apr 2019 05:02

Instrument :
MSVOA_V
ClientSampleId :
GAHN8MSD

Tgt Ion: 94 Resp: 343

Ion	Ratio	Lower	Upper
94	100		
96	113.4	9.5	180.3

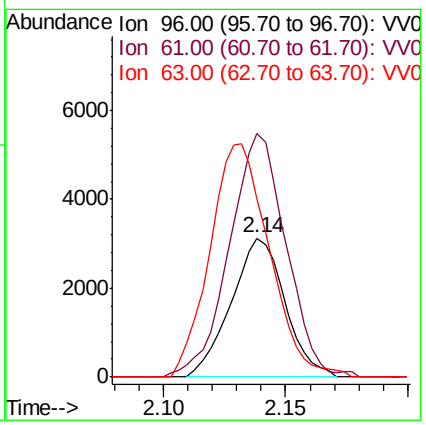


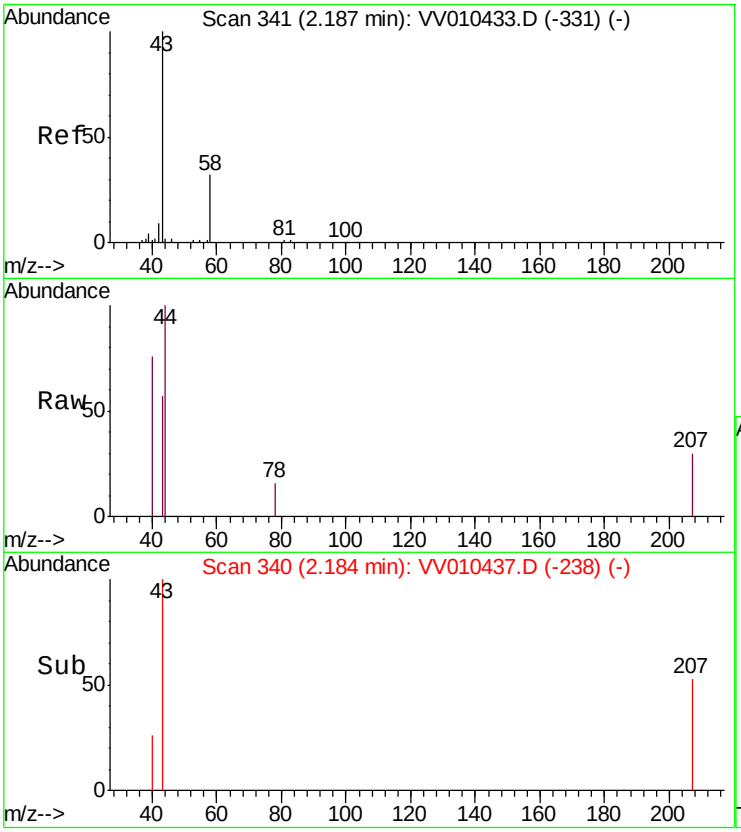


#12
1,1-Dichloroethene
Concen: 13.436 ug/L
RT: 2.14 min Scan# 326
Delta R.T. 0.00 min
Lab File: VV010437.D
Acq: 23 Apr 2019 05:02

Tgt Ion: 96 Resp: 4771

Ion	Ratio	Lower	Upper
96	100		
61	175.1	105.3	195.5
63	128.7	87.8	163.2



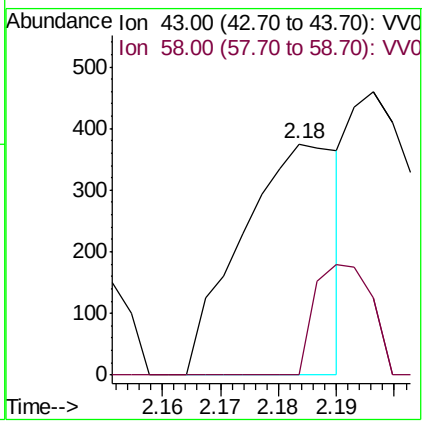


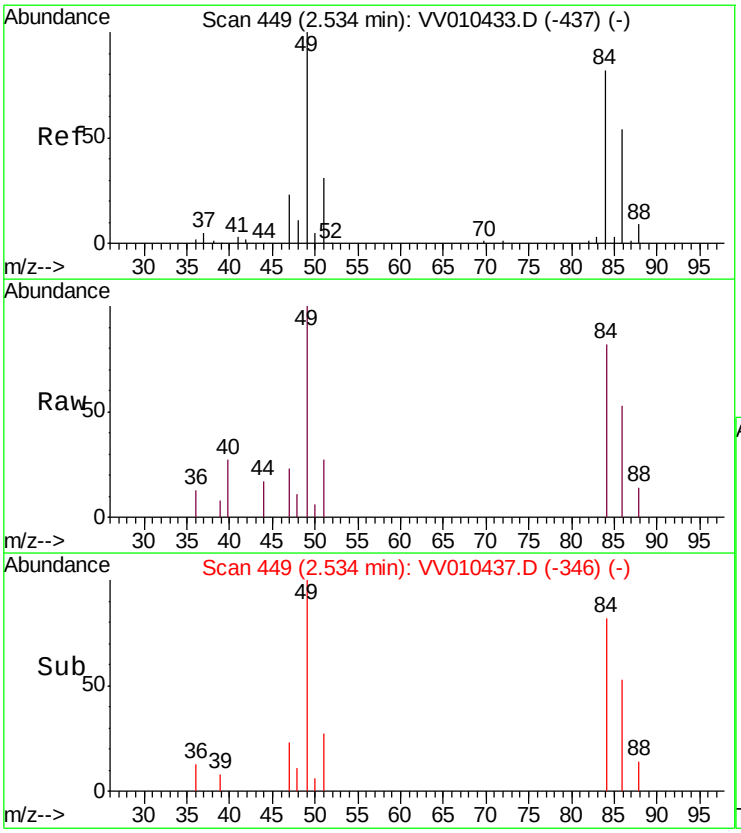
#13
Acetone
Concen: 4.457 ug/L
RT: 2.18 min Scan# 340
Delta R.T. -0.00 min
Lab File: VV010437.D
Acq: 23 Apr 2019 05:02

Instrument :
MSVOA_V
ClientSampleId :
GAHN8MSD

Tgt Ion: 43 Resp: 434

Ion	Ratio	Lower	Upper
43	100		
58	28.1	0.0	66.4

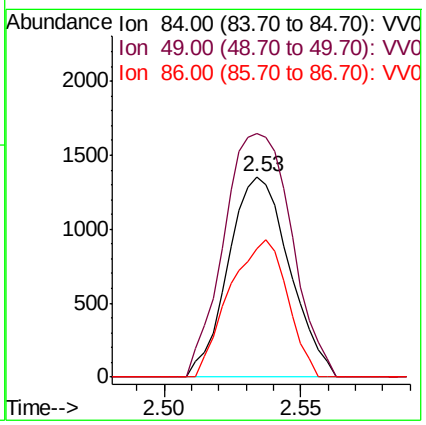


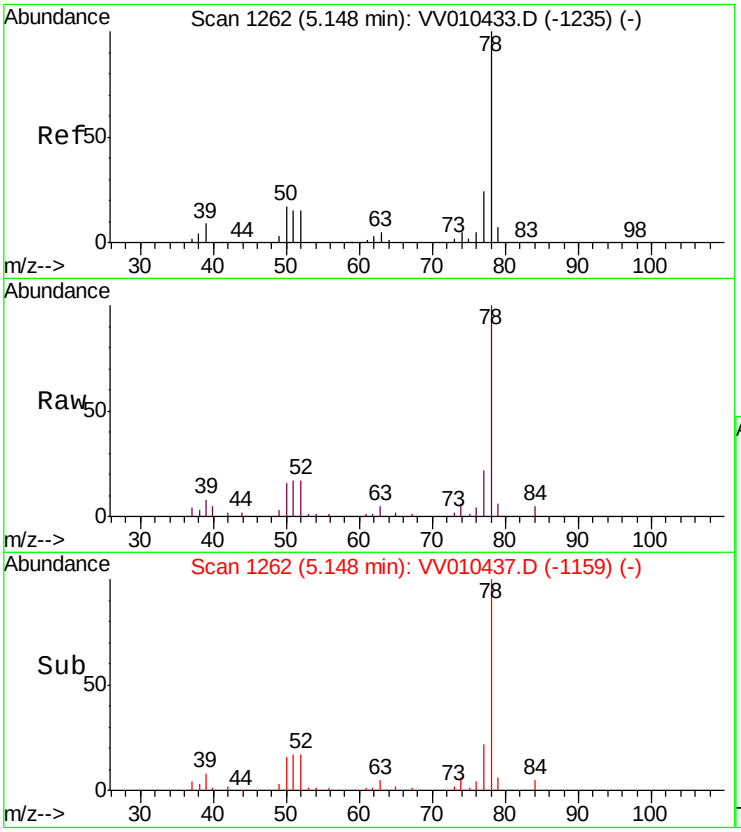


#16
Methylene chloride
Concen: 5.095 ug/L
RT: 2.53 min Scan# 449
Delta R.T. -0.00 min
Lab File: VV010437.D
Acq: 23 Apr 2019 05:02

Tgt Ion: 84 Resp: 2107

Ion	Ratio	Lower	Upper
84	100		
49	121.3	85.0	158.0
86	63.7	43.9	81.5

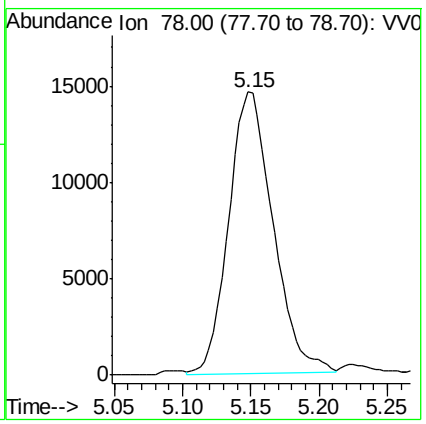


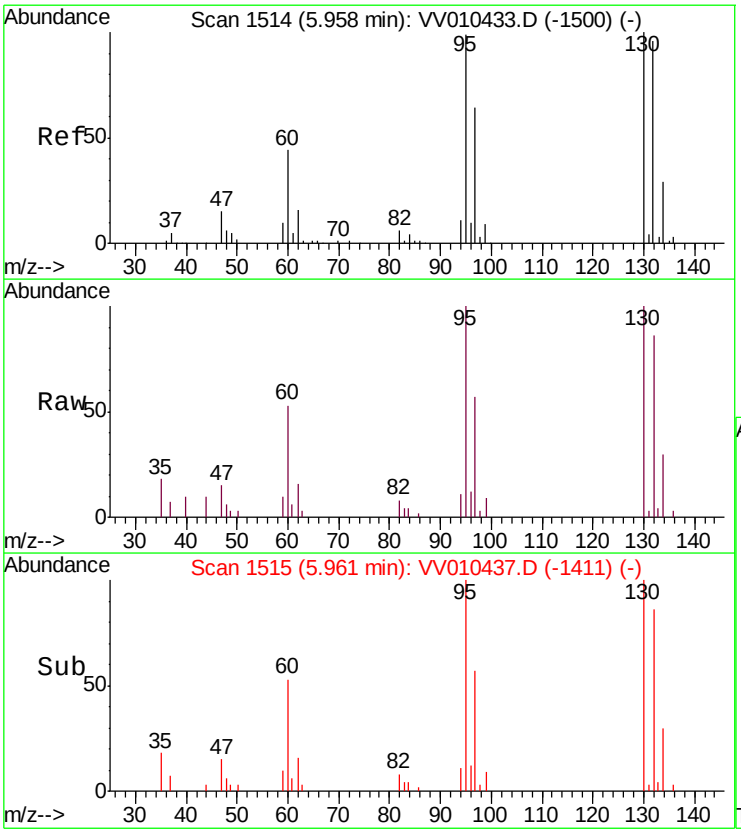


#34
Benzene
Concen: 24.911 ug/L
RT: 5.15 min Scan# 1262
Delta R.T. -0.00 min
Lab File: VV010437.D
Acq: 23 Apr 2019 05:02

Instrument :
MSVOA_V
ClientSampleId :
GAHN8MSD

Tgt Ion: 78 Resp: 33036

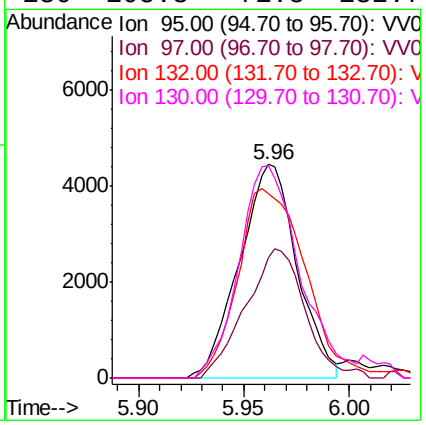


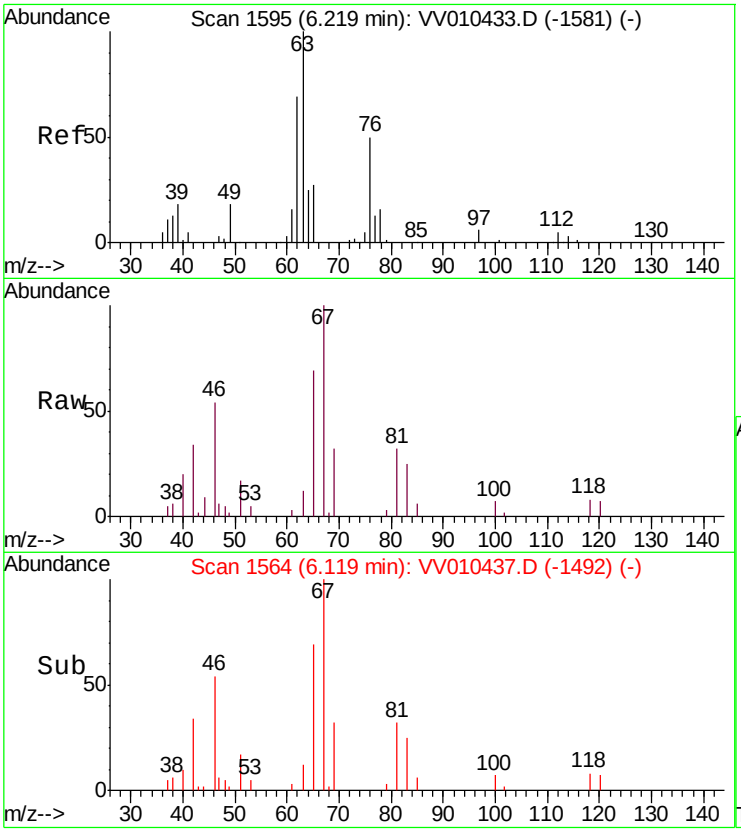


#35
Trichloroethene
Concen: 20.966 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VV010437.D
Acq: 23 Apr 2019 05:02

Tgt Ion: 95 Resp: 8432

Ion	Ratio	Lower	Upper
95	100		
97	61.5	44.4	82.4
132	103.6	69.0	128.1
130	105.3	71.5	132.7



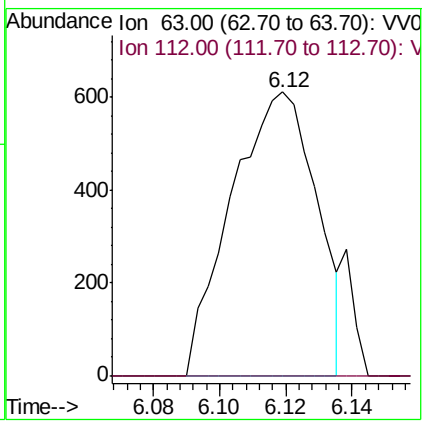


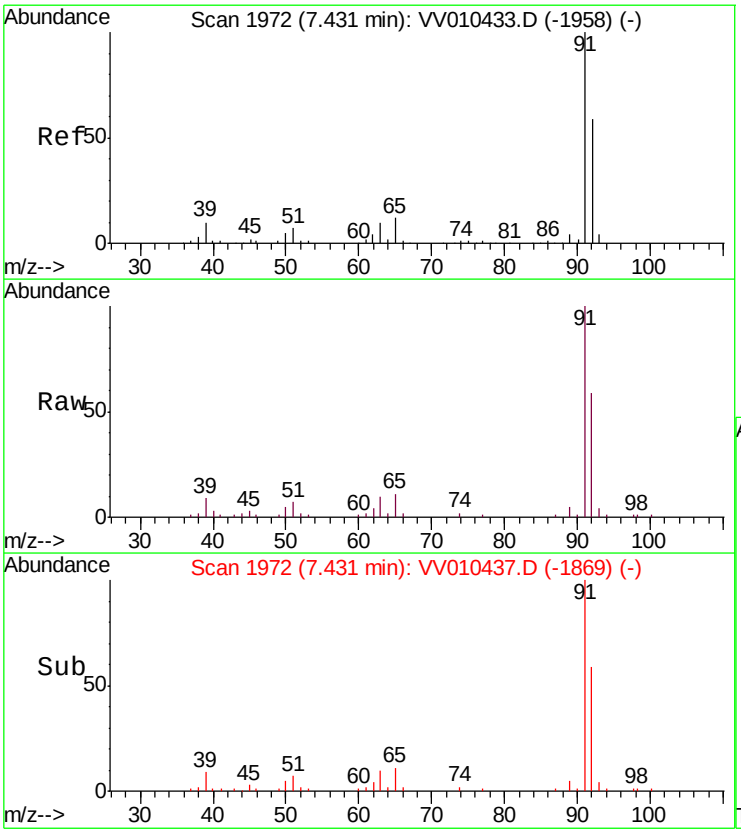
#40
1,2-Dichloropropane
Concen: 3.352 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.10 min
Lab File: VV010437.D
Acq: 23 Apr 2019 05:02

Instrument :
MSVOA_V
ClientSampleId :
GAHN8MSD

Tgt Ion: 63 Resp: 1094

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.5	5.3#

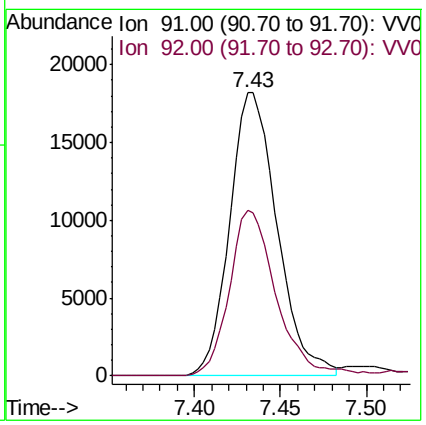


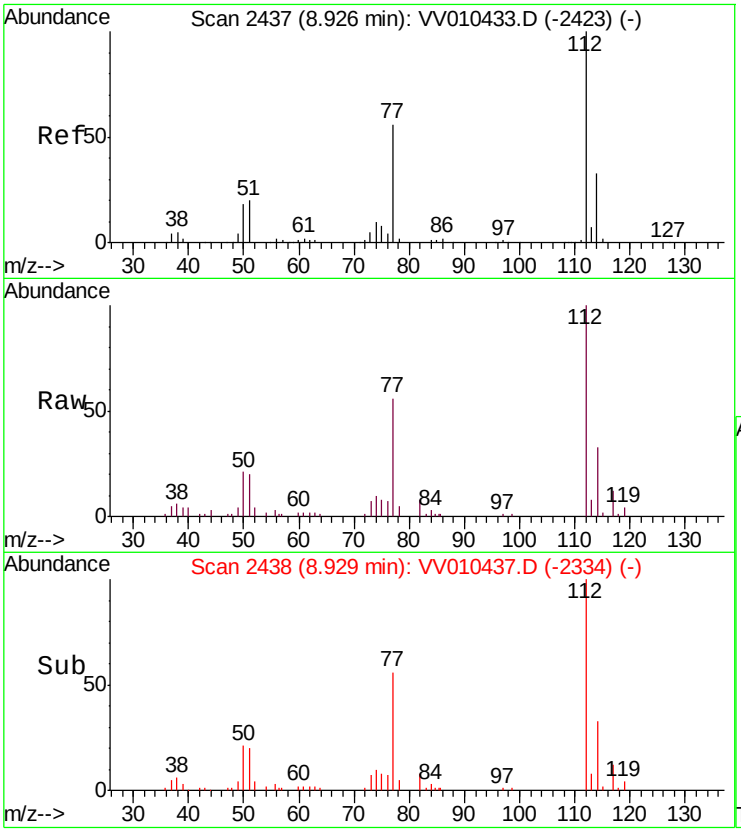


#44
Toluene
Concen: 21.883 ug/L
RT: 7.43 min Scan# 1972
Delta R.T. -0.00 min
Lab File: VV010437.D
Acq: 23 Apr 2019 05:02

Tgt Ion: 91 Resp: 35070

Ion	Ratio	Lower	Upper
91	100		
92	58.7	40.5	75.1



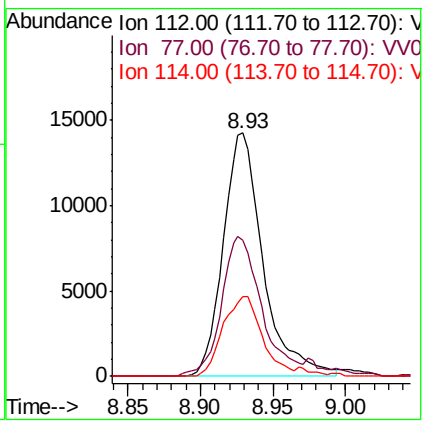


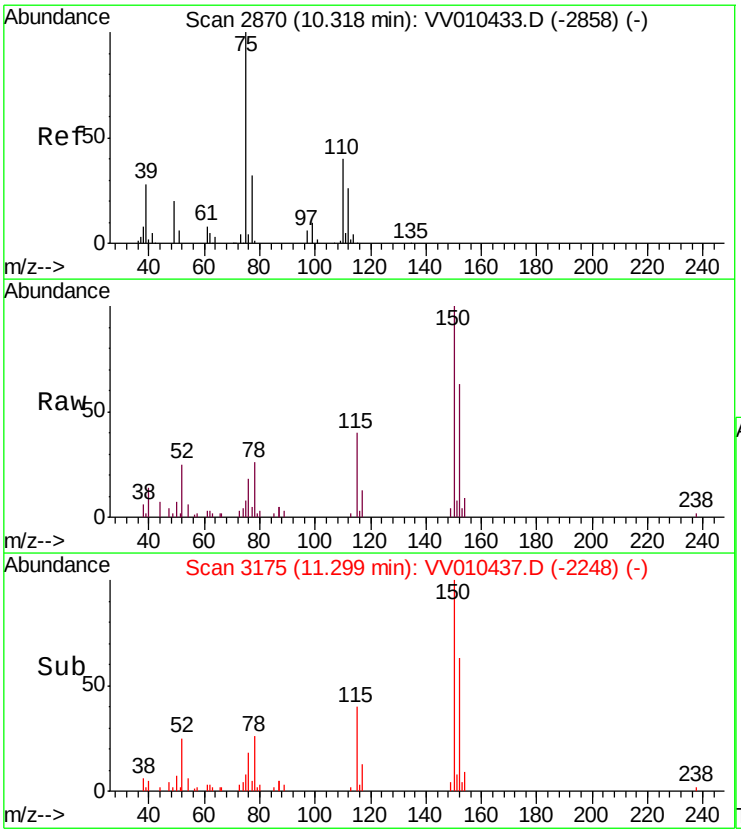
#52
Chlorobenzene
Concen: 24.265 ug/L
RT: 8.93 min Scan# 2438
Delta R.T. 0.00 min
Lab File: VV010437.D
Acq: 23 Apr 2019 05:02

Instrument : MSVOA_V
ClientSampleId : GAHN8MSD

Tgt Ion:112 Resp: 27263

Ion	Ratio	Lower	Upper
112	100		
77	56.0	46.2	69.2
114	32.8	22.5	41.7

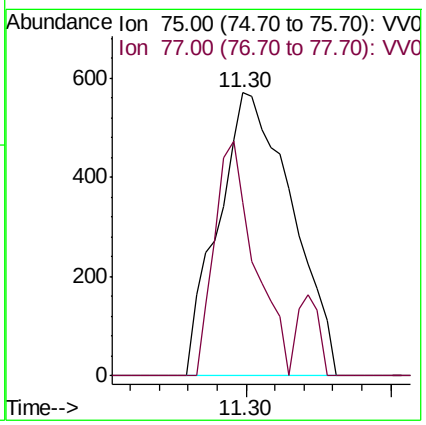


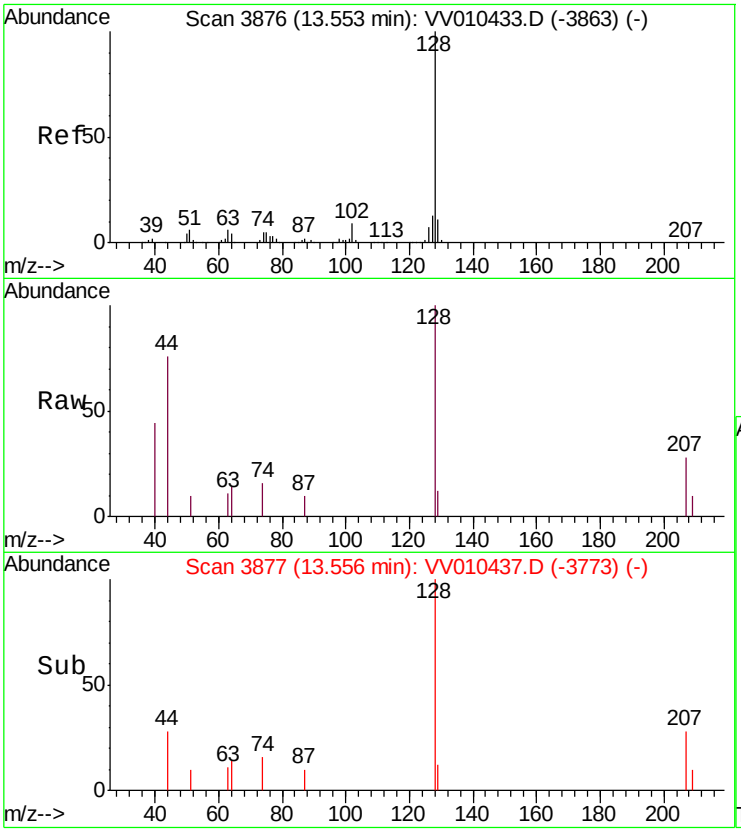


#59
1,2,3-Trichloropropane
Concen: 3.581 ug/L
RT: 11.30 min Scan# 3175
Delta R.T. 0.98 min
Lab File: VV010437.D
Acq: 23 Apr 2019 05:02

Tgt Ion: 75 Resp: 1006

Ion	Ratio	Lower	Upper
75	100		
77	45.4	26.2	39.2#





#69
Naphthalene
Concen: 2.139 ug/L
RT: 13.56 min Scan# 3877
Delta R.T. 0.00 min
Lab File: VV010437.D
Acq: 23 Apr 2019 05:02

Instrument :
MSVOA_V
ClientSampleId :
GAHN8MSD

Tgt Ion:128 Resp: 1115

Ion	Ratio	Lower	Upper
128	100		
129	8.0	8.4	12.6#
127	0.0	10.2	15.2#