Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV020420\

Quantitation Report (Not Reviewed)

Data File : VV014502.D
Acq On : 04 Feb 2020 19:05
Operator : SY/MD
Sample : L1324-11MSD
Misc : 5.08g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT66MSD

Quant Time: Feb 05 01:09:53 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Feb 05 01:06:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	370444	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	365259	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	204942	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	86228	41.91	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 83.82%			
7) Chloroethane-d5	1.55	69	33190	25.95	ug/L	-0.04
Spiked Amount 50.000	Range 70 - 130		Recovery = 51.90%#			
11) 1,1-Dichloroethene-d2	2.11	63	118301	43.07	ug/L	-0.02
Spiked Amount 50.000	Range 60 - 125		Recovery = 86.14%			
21) 2-Butanone-d5	3.94	46	142852	103.19	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery = 103.19%			
24) Chloroform-d	4.39	84	191749	44.04	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.08%			
26) 1,2-Dichloroethane-d4	5.07	65	126898	48.38	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.76%			
32) Benzene-d6	5.09	84	413291	42.97	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 85.94%			
36) 1,2-Dichloropropane-d6	6.11	67	132244	43.46	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 86.92%			
41) Toluene-d8	7.35	98	400373	45.10	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 90.20%			
43) trans-1,3-Dichloropropene-	7.66	79	69847	45.16	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 90.32%			
47) 2-Hexanone-d5	8.14	63	139975	117.58	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery = 117.58%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	214046	54.60	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 109.20%			
64) 1,2-Dichlorobenzene-d4	11.67	152	186427	49.39	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.78%			

Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	1084	0.773	ug/L #	19
13) Acetone	2.20	43	2346	1.986	ug/L	98
16) Methylene chloride	2.53	84	1941	0.715	ug/L	85
25) Chloroform	4.41	83	3655	0.814	ug/L	91
27) 1,2-Dichloroethane	5.13	62	3454	1.081	ug/L #	73
33) Benzene	5.14	78	502606	46.635	ug/L	100
34) Trichloroethene	5.95	95	122637	45.053	ug/L	94
39) cis-1,3-Dichloropropene	7.03	75	3838	0.867	ug/L #	48
42) Toluene	7.43	91	582910	51.667	ug/L	99
48) 2-Hexanone	8.14	43	15515	6.091	ug/L #	62
51) Chlorobenzene	8.92	112	373180	51.706	ug/L	98
52) Ethylbenzene	9.05	91	245301	19.372	ug/L	99
53) m,p-Xylene	9.18	106	163878	34.659	ug/L	99
54) o-xylene	9.59	106	97391	20.787	ug/L	97
55) Styrene	9.60	104	198634	25.262	ug/L	100
56) Isopropylbenzene	9.97	105	7549	0.630	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.52	75	4783	4.829	ug/L #	3

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV020420\

Quantitation Report (Not Reviewed)

Data File : VV014502.D
Acq On : 04 Feb 2020 19:05
Operator : SY/MD
Sample : L1324-11MSD
Misc : 5.08g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT66MSD

Quant Time: Feb 05 01:09:53 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Feb 05 01:06:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
69) Naphthalene	13.55	128	15214800	1245.464	ug/L	95

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

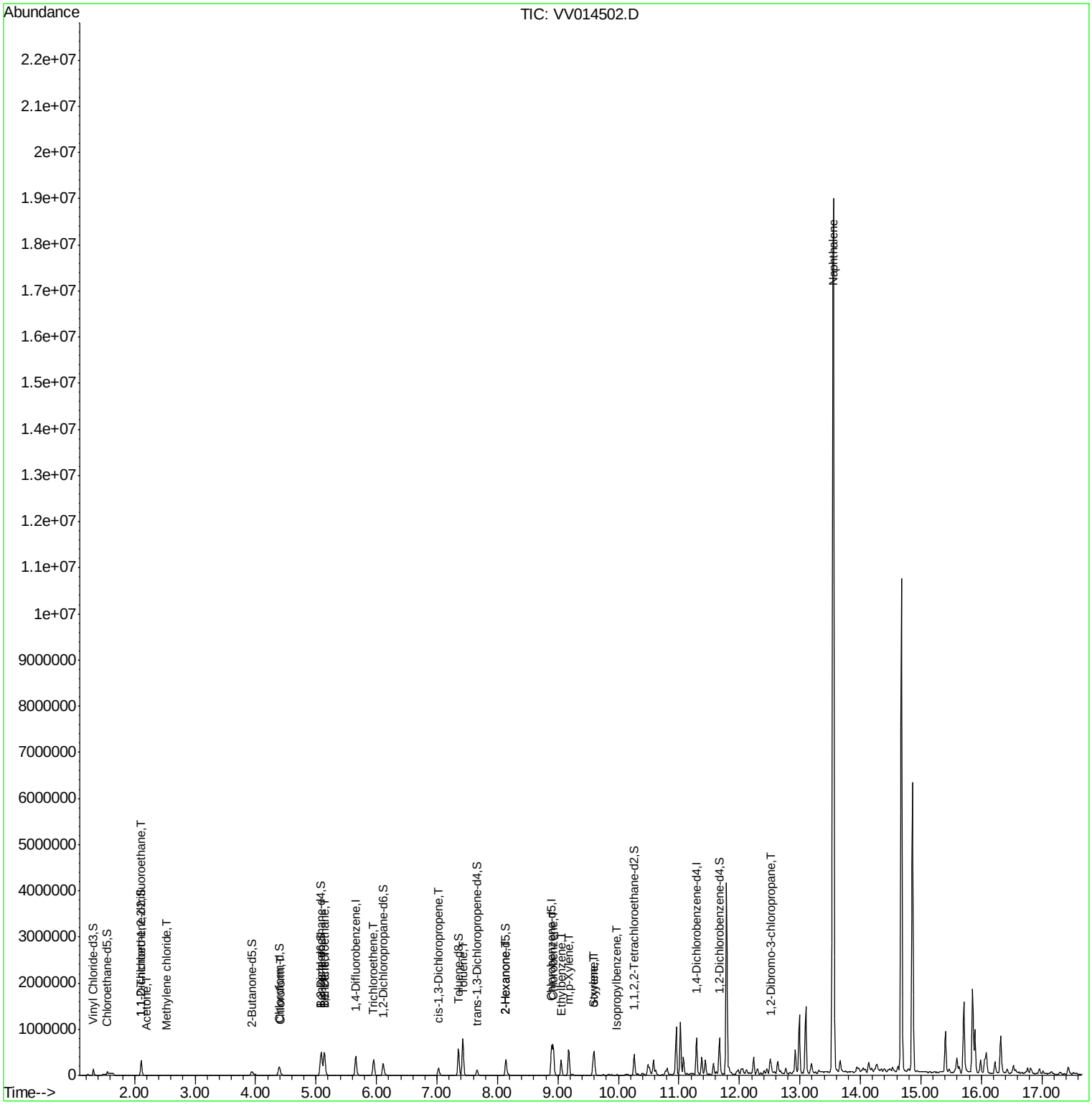
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV020420\

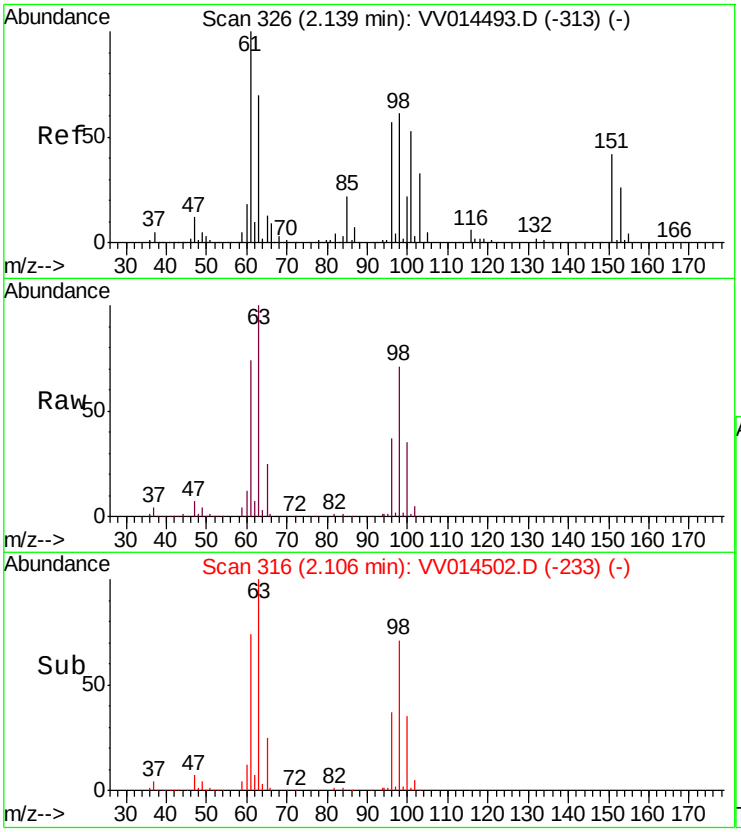
Quantitation Report (Not Reviewed)

Data File : VV014502.D
Acq On : 04 Feb 2020 19:05
Operator : SY/MD
Sample : L1324-11MSD
Misc : 5.08g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT66MSD

Quant Time: Feb 05 01:09:53 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Feb 05 01:06:41 2020
Response via : Initial Calibration



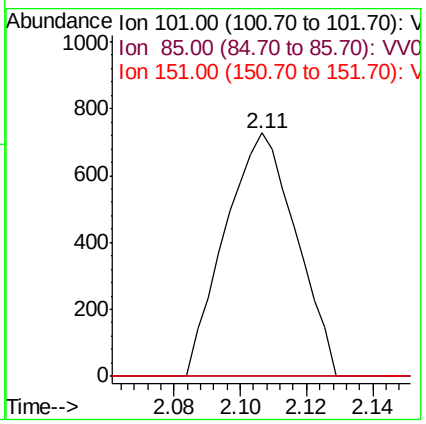


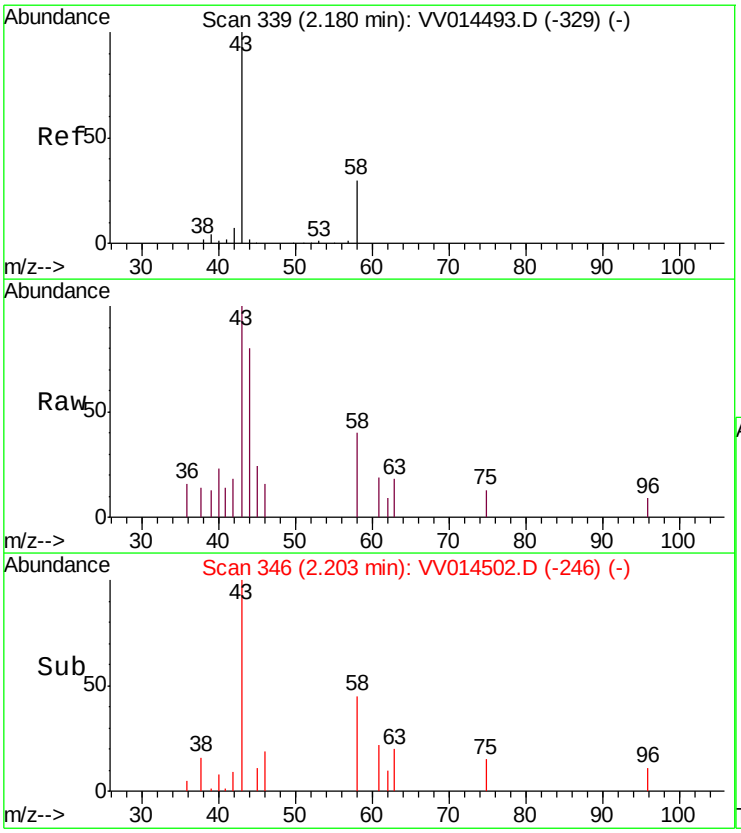
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.773 ug/L
RT: 2.11 min Scan# 316
Delta R.T. -0.03 min
Lab File: VV014502.D
Acq: 04 Feb 2020 19:05

Instrument :
MSVOA_V
ClientSampleId :
GAT66MSD

Tgt Ion:101 Resp: 1084

Ion	Ratio	Lower	Upper
101	100		
85	0.0	34.6	51.8#
151	0.0	61.2	91.8#

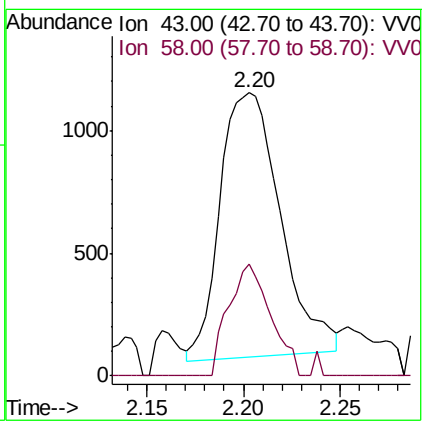


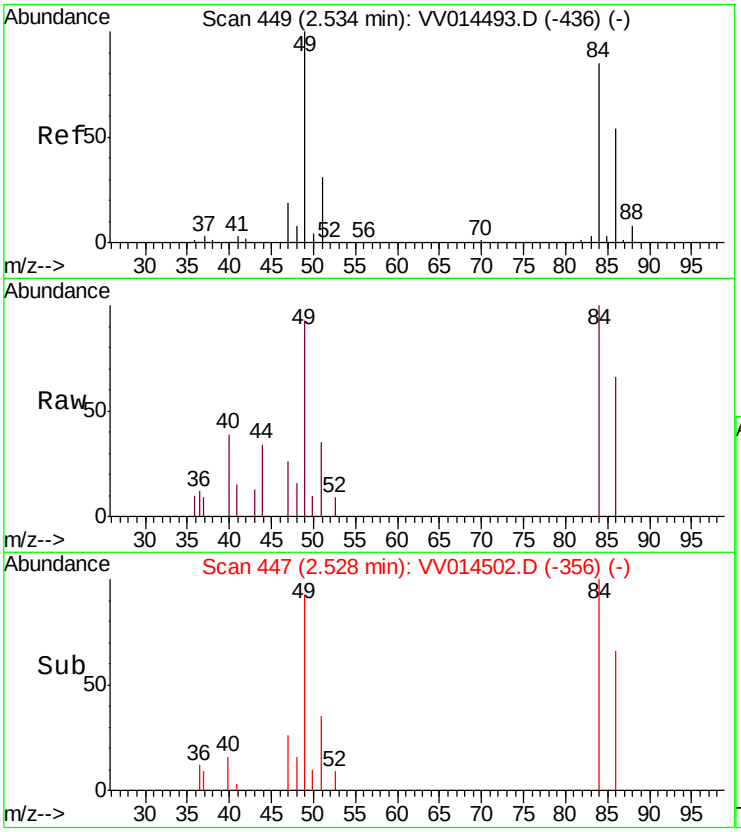


#13
Acetone
Concen: 1.986 ug/L
RT: 2.20 min Scan# 346
Delta R.T. 0.02 min
Lab File: VV014502.D
Acq: 04 Feb 2020 19:05

Tgt Ion: 43 Resp: 2346

Ion	Ratio	Lower	Upper
43	100		
58	29.5	0.0	61.2



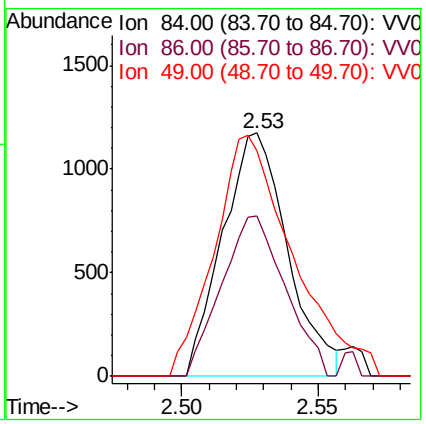


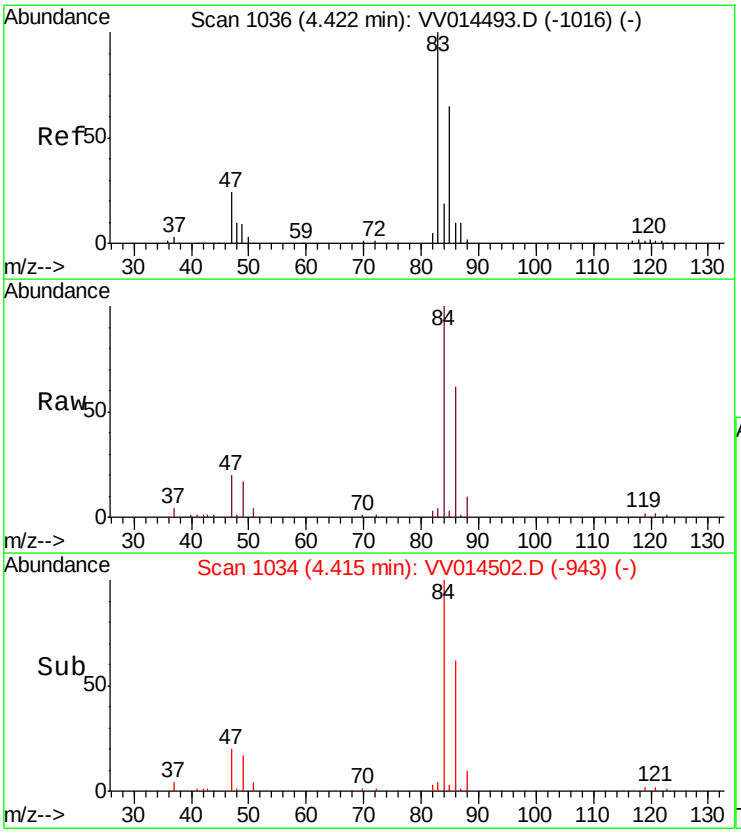
#16
Methylene chloride
Concen: 0.715 ug/L
RT: 2.53 min Scan# 447
Delta R.T. -0.01 min
Lab File: VV014502.D
Acq: 04 Feb 2020 19:05

Instrument :
MSVOA_V
ClientSampleId :
GAT66MSD

Tgt Ion: 84 Resp: 1941

Ion	Ratio	Lower	Upper
84	100		
86	66.0	45.6	84.8
49	92.7	82.7	153.7

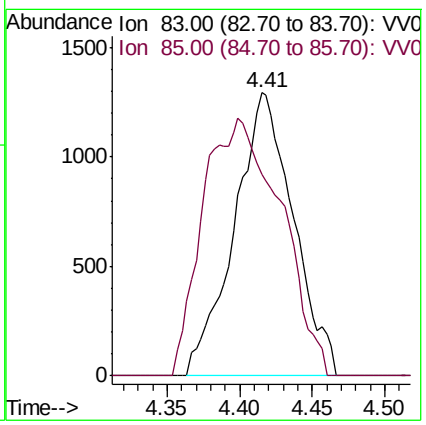


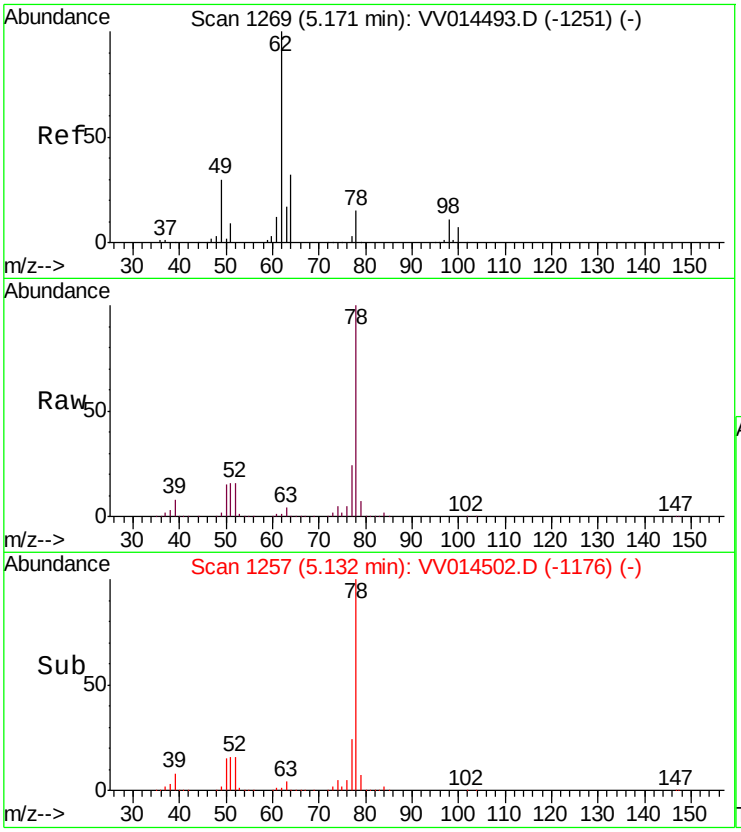


#25
Chloroform
Concen: 0.814 ug/L
RT: 4.41 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VV014502.D
Acq: 04 Feb 2020 19:05

Tgt Ion: 83 Resp: 3655

Ion	Ratio	Lower	Upper
83	100		
85	71.1	45.1	83.7



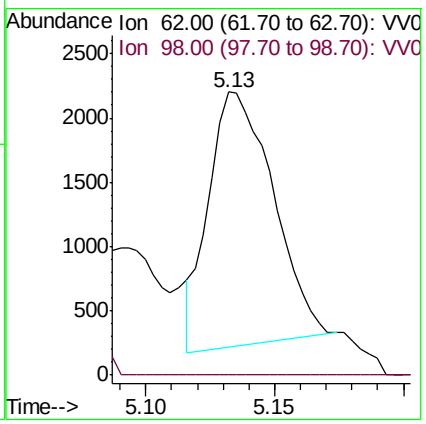


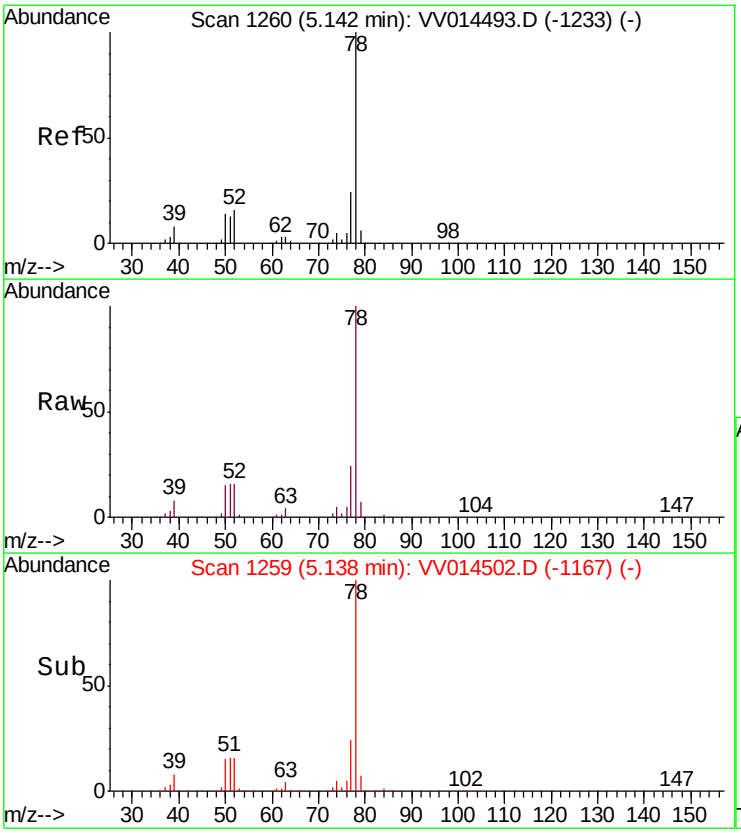
#27
1,2-Dichloroethane
Concen: 1.081 ug/L
RT: 5.13 min Scan# 1257
Delta R.T. -0.04 min
Lab File: VV014502.D
Acq: 04 Feb 2020 19:05

Instrument :
MSVOA_V
ClientSampleId :
GAT66MSD

Tgt Ion: 62 Resp: 3454

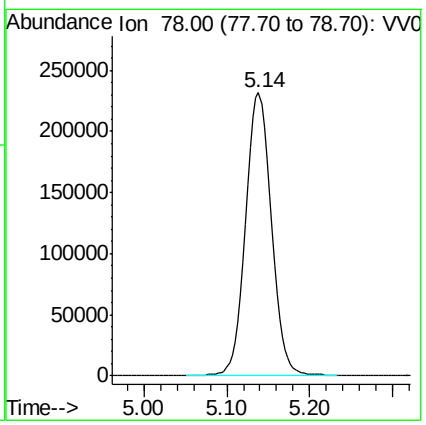
Ion	Ratio	Lower	Upper
62	100		
98	0.0	8.0	12.0#

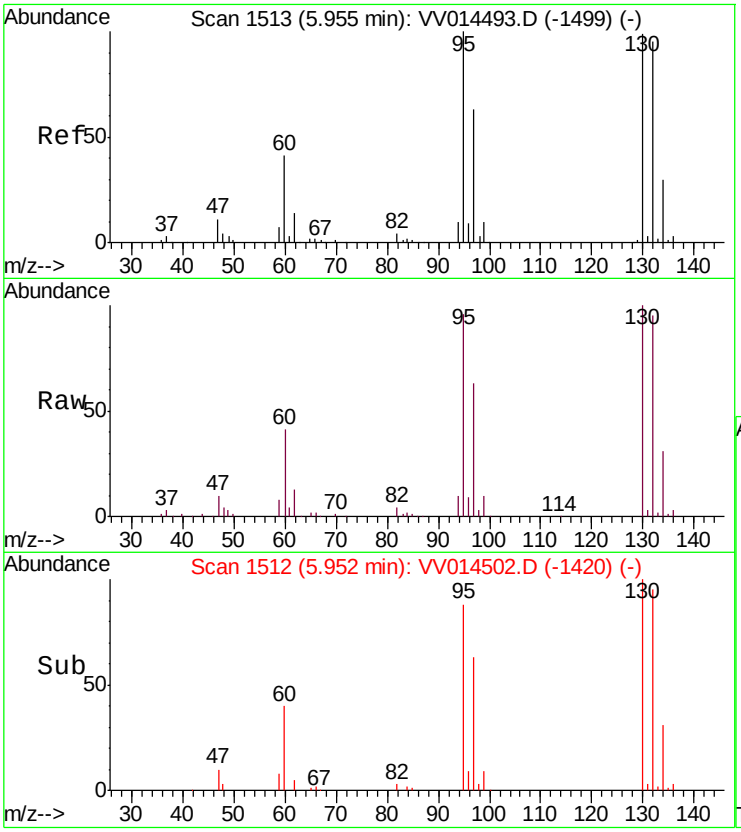




#33
Benzene
Concen: 46.635 ug/L
RT: 5.14 min Scan# 1259
Delta R.T. -0.00 min
Lab File: VV014502.D
Acq: 04 Feb 2020 19:05

Tgt Ion: 78 Resp: 502606



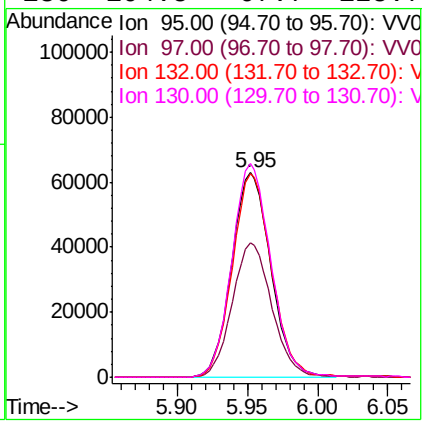


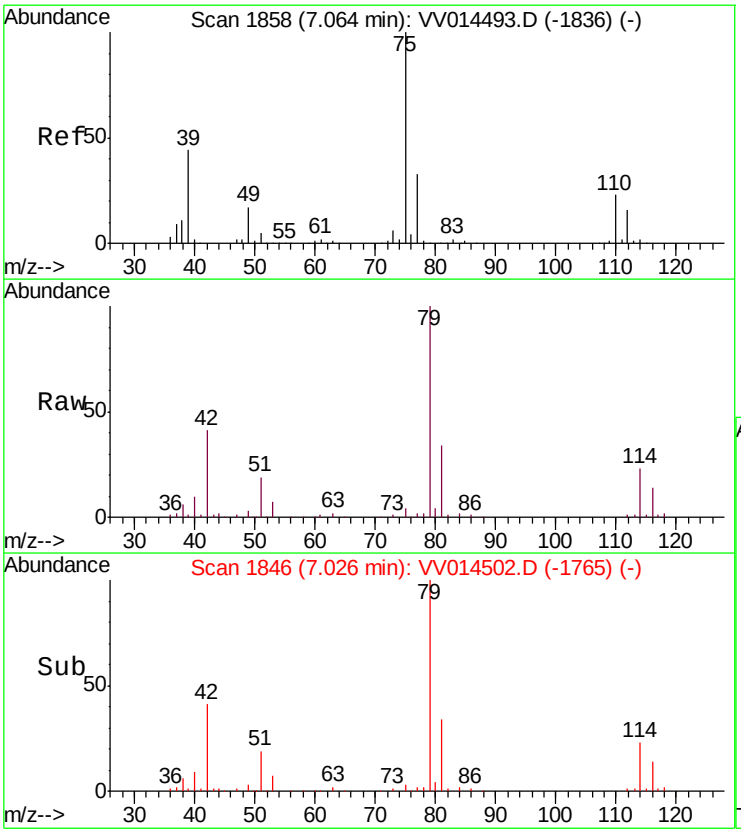
#34
Trichloroethene
Concen: 45.053 ug/L
RT: 5.95 min Scan# 1512
Delta R.T. -0.00 min
Lab File: VV014502.D
Acq: 04 Feb 2020 19:05

Instrument :
MSVOA_V
ClientSampleId :
GAT66MSD

Tgt Ion: 95 Resp: 122637

Ion	Ratio	Lower	Upper
95	100		
97	65.7	44.7	83.1
132	99.7	65.4	121.4
130	104.5	67.7	125.7

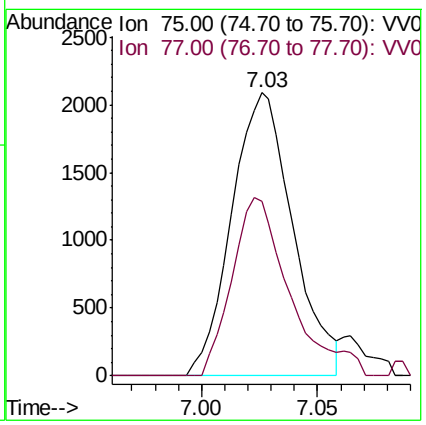


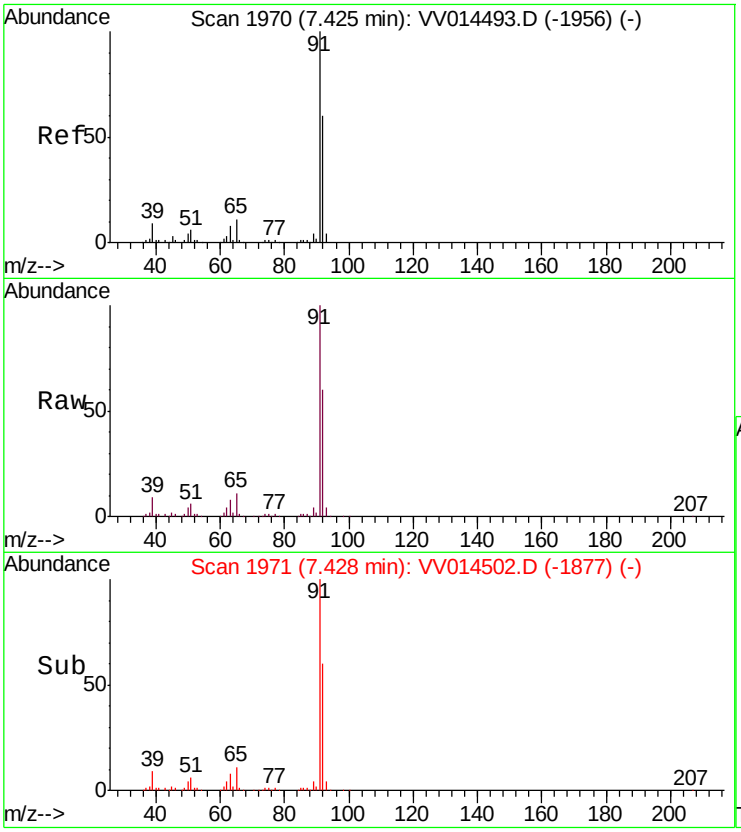


#39
cis-1,3-Dichloropropene
Concen: 0.867 ug/L
RT: 7.03 min Scan# 1846
Delta R.T. -0.04 min
Lab File: VV014502.D
Acq: 04 Feb 2020 19:05

Tgt Ion: 75 Resp: 3838

Ion	Ratio	Lower	Upper
75	100		
77	61.5	22.7	42.3#



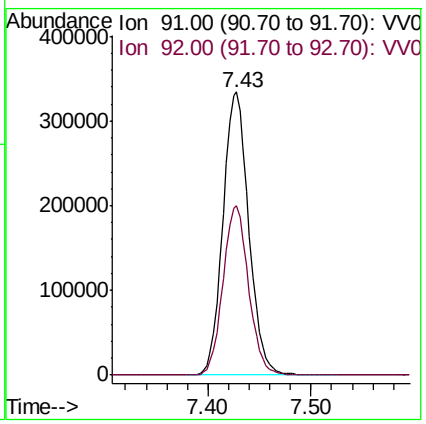


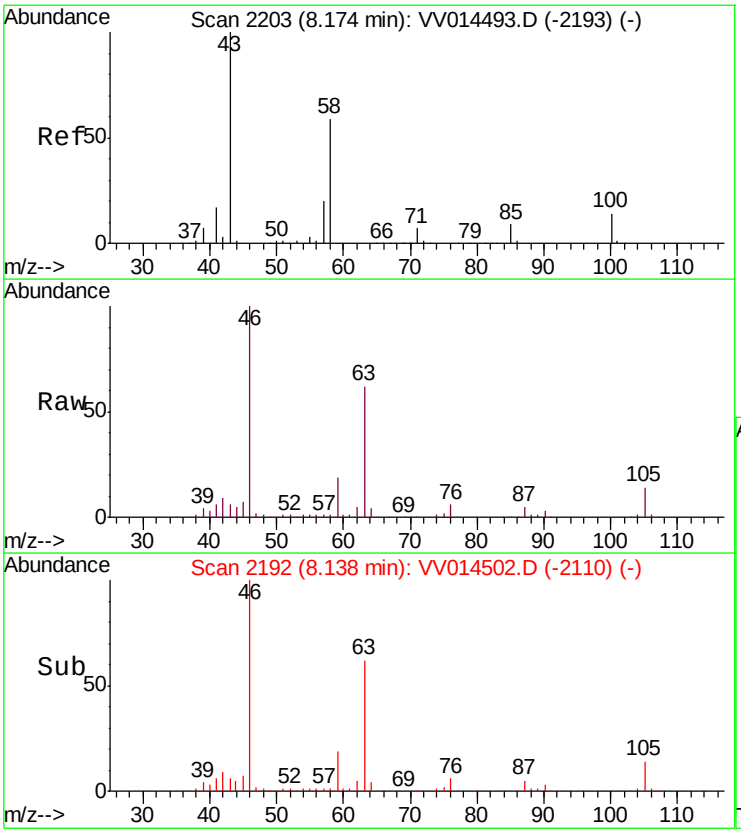
#42
Toluene
Concen: 51.667 ug/L
RT: 7.43 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VV014502.D
Acq: 04 Feb 2020 19:05

Instrument : MSVOA_V
ClientSampleId : GAT66MSD

Tgt Ion: 91 Resp: 582910

Ion	Ratio	Lower	Upper
91	100		
92	59.7	41.0	76.2

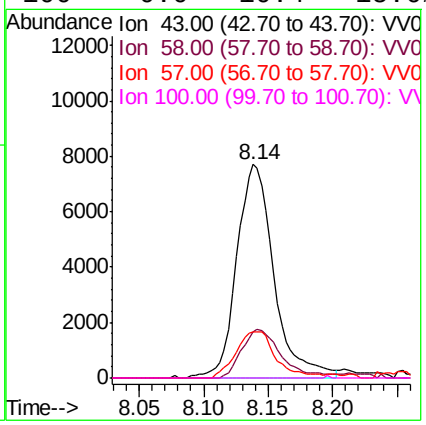


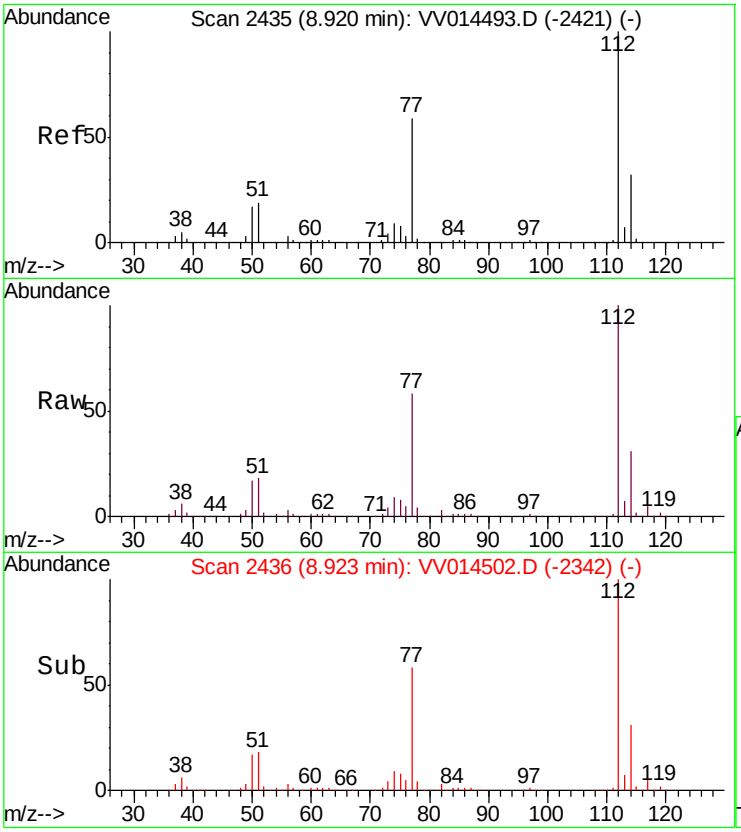


#48
2-Hexanone
Concen: 6.091 ug/L
RT: 8.14 min Scan# 2192
Delta R.T. -0.04 min
Lab File: VV014502.D
Acq: 04 Feb 2020 19:05

Tgt Ion: 43 Resp: 15515

Ion	Ratio	Lower	Upper
43	100		
58	23.1	48.0	72.0#
57	22.8	15.0	22.6#
100	0.0	10.4	15.6#



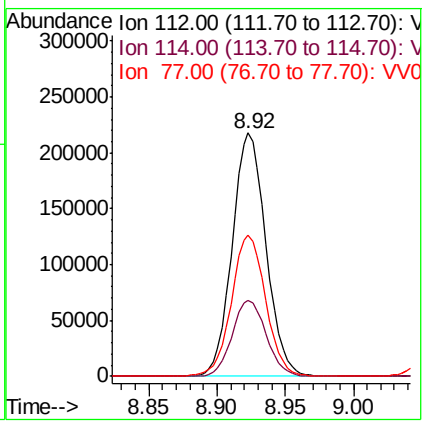


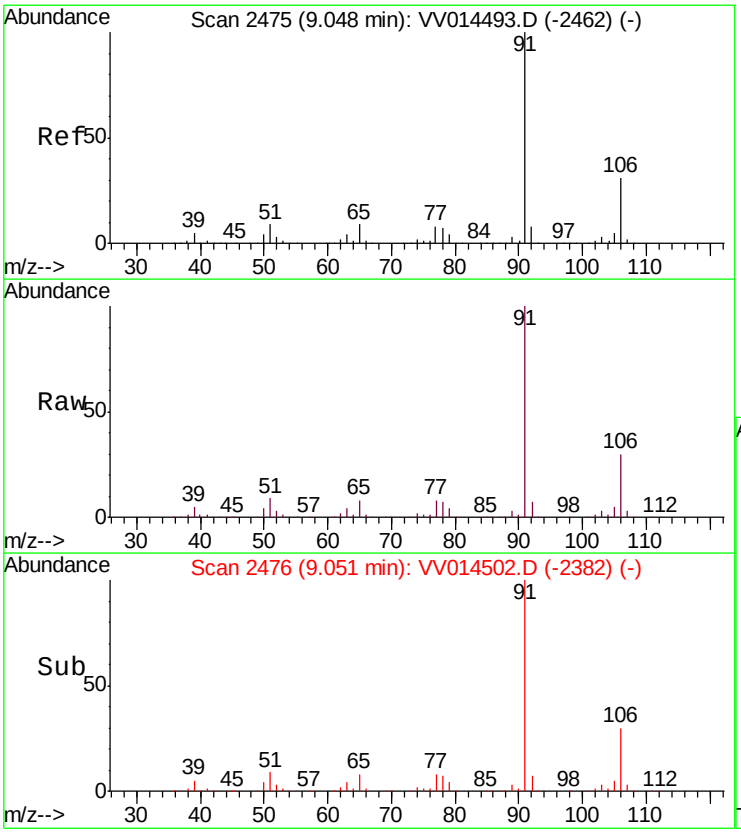
#51
Chlorobenzene
Concen: 51.706 ug/L
RT: 8.92 min Scan# 2436
Delta R.T. 0.00 min
Lab File: VV014502.D
Acq: 04 Feb 2020 19:05

Instrument :
MSVOA_V
ClientSampleId :
GAT66MSD

Tgt Ion:112 Resp: 373180

Ion	Ratio	Lower	Upper
112	100		
114	31.3	22.5	41.9
77	57.8	47.5	71.3

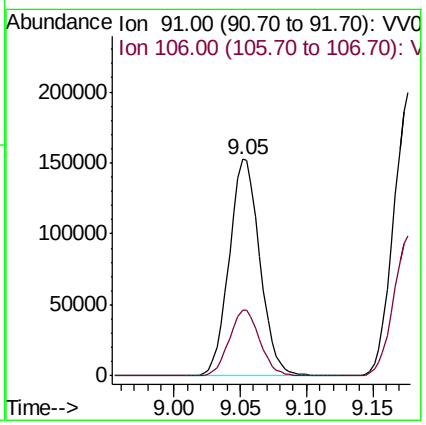


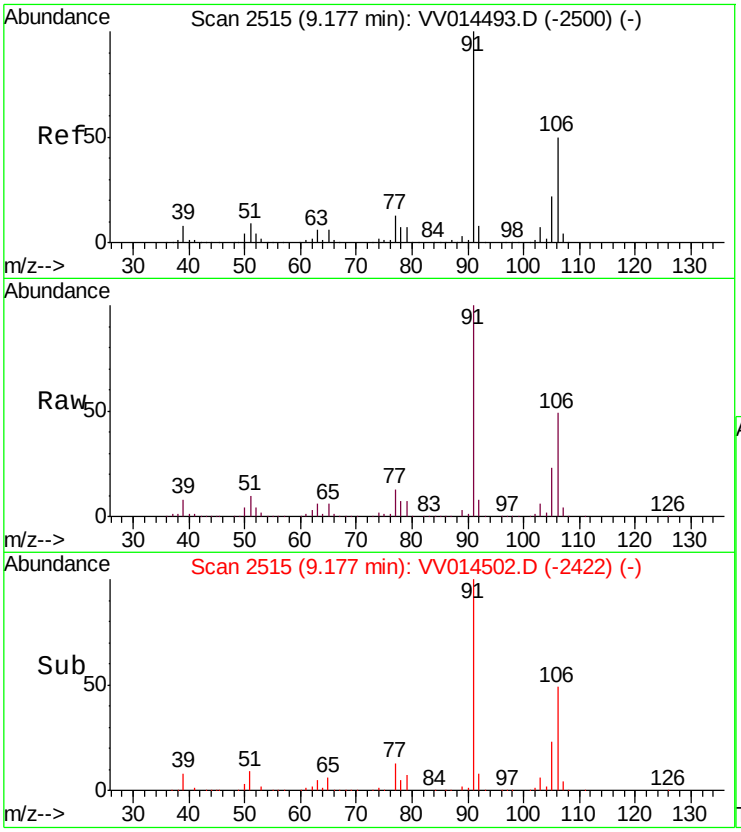


#52
Ethylbenzene
Concen: 19.372 ug/L
RT: 9.05 min Scan# 2476
Delta R.T. 0.00 min
Lab File: VV014502.D
Acq: 04 Feb 2020 19:05

Tgt Ion: 91 Resp: 245301

Ion	Ratio	Lower	Upper
91	100		
106	30.4	21.8	40.6



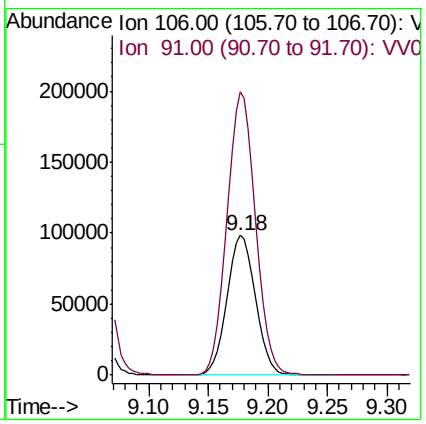


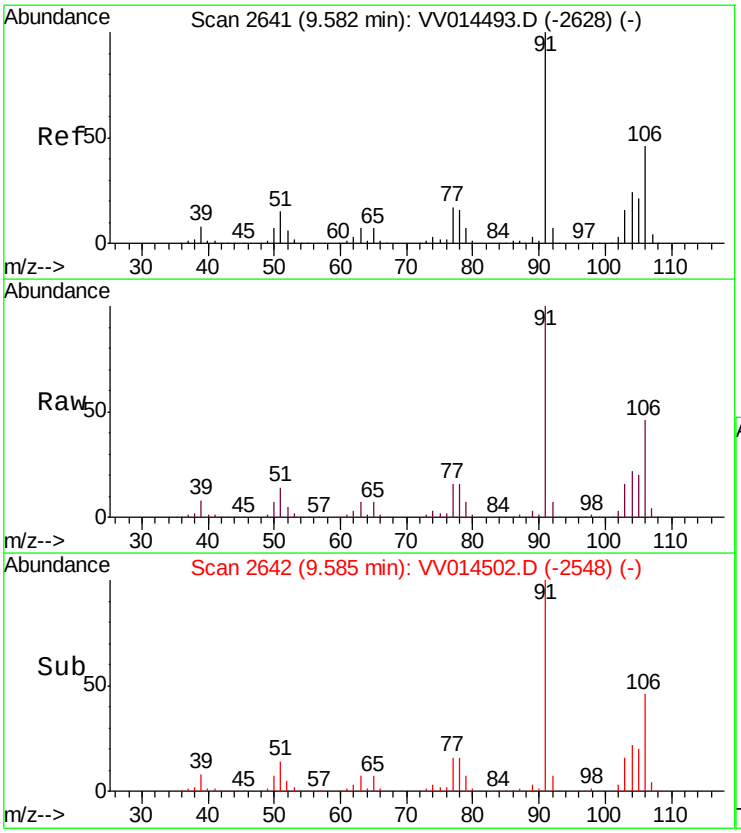
#53
m,p-Xylene
Concen: 34.659 ug/L
RT: 9.18 min Scan# 2515
Delta R.T. -0.00 min
Lab File: VV014502.D
Acq: 04 Feb 2020 19:05

Instrument :
MSVOA_V
ClientSampleId :
GAT66MSD

Tgt Ion:106 Resp: 163878

Ion	Ratio	Lower	Upper
106	100		
91	202.3	140.9	261.7

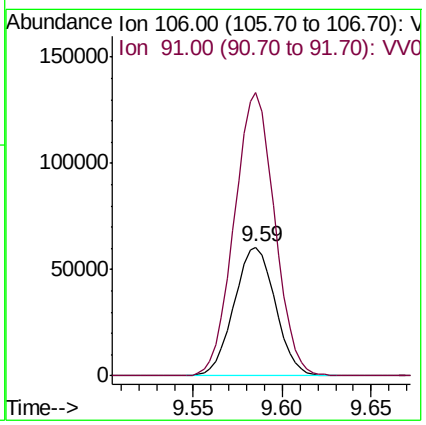


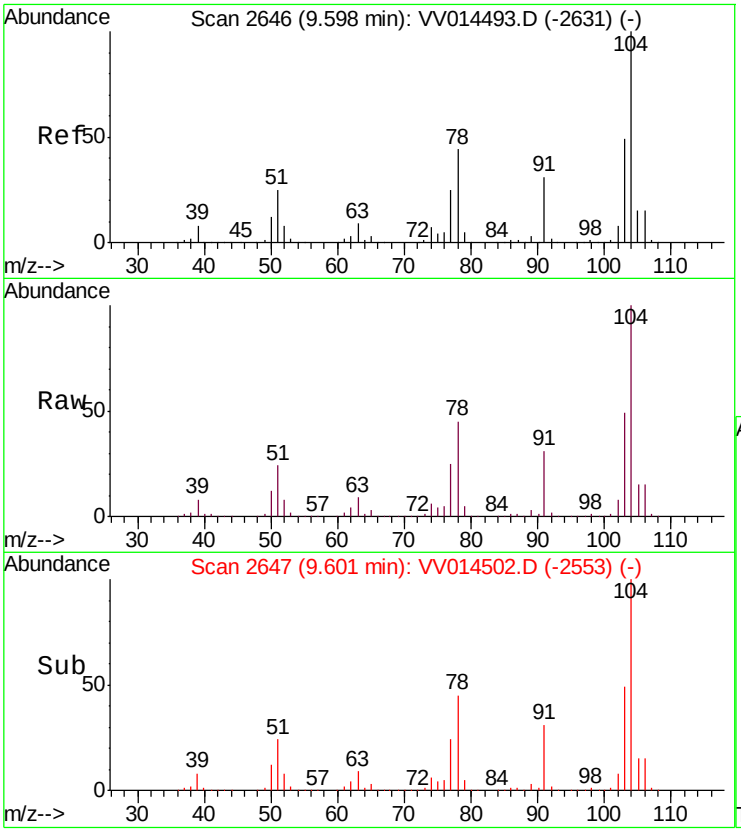


#54
o-xylene
Concen: 20.787 ug/L
RT: 9.59 min Scan# 2642
Delta R.T. 0.00 min
Lab File: VV014502.D
Acq: 04 Feb 2020 19:05

Tgt Ion:106 Resp: 97391

Ion	Ratio	Lower	Upper
106	100		
91	219.6	150.4	279.2



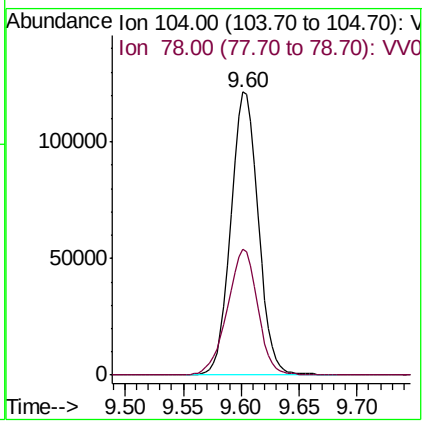


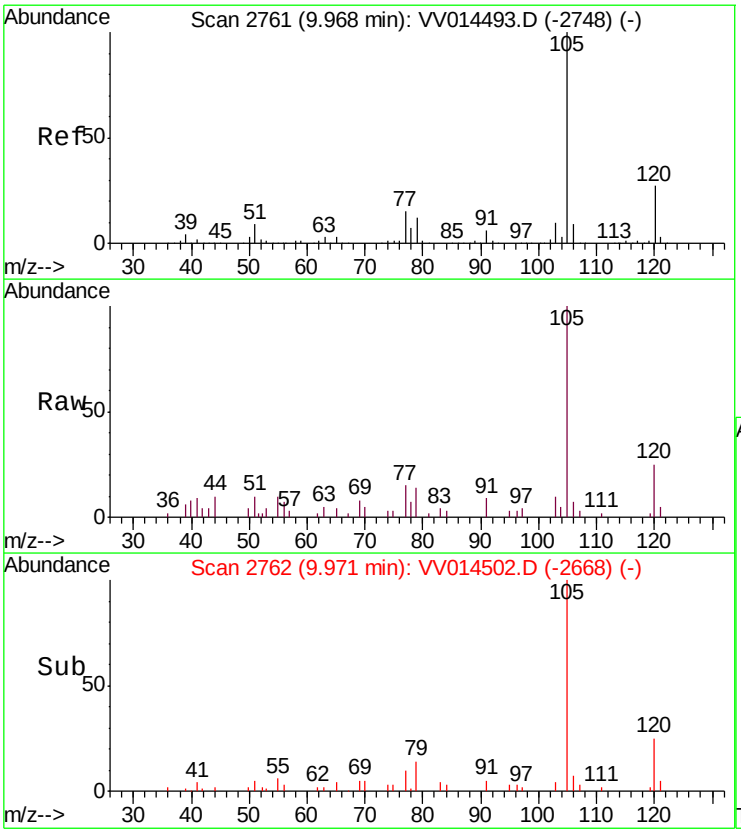
#55
Styrene
Concen: 25.262 ug/L
RT: 9.60 min Scan# 2647
Delta R.T. 0.00 min
Lab File: VV014502.D
Acq: 04 Feb 2020 19:05

Instrument :
MSVOA_V
ClientSampleId :
GAT66MSD

Tgt Ion:104 Resp: 198634

Ion	Ratio	Lower	Upper
104	100		
78	44.6	31.3	58.1

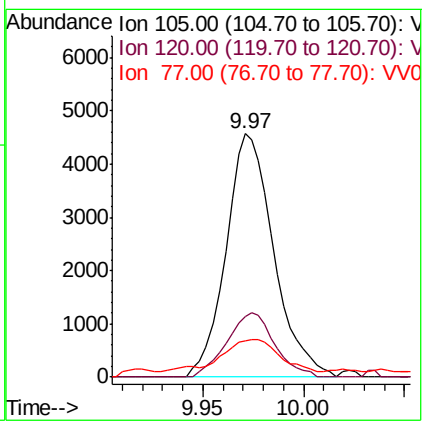


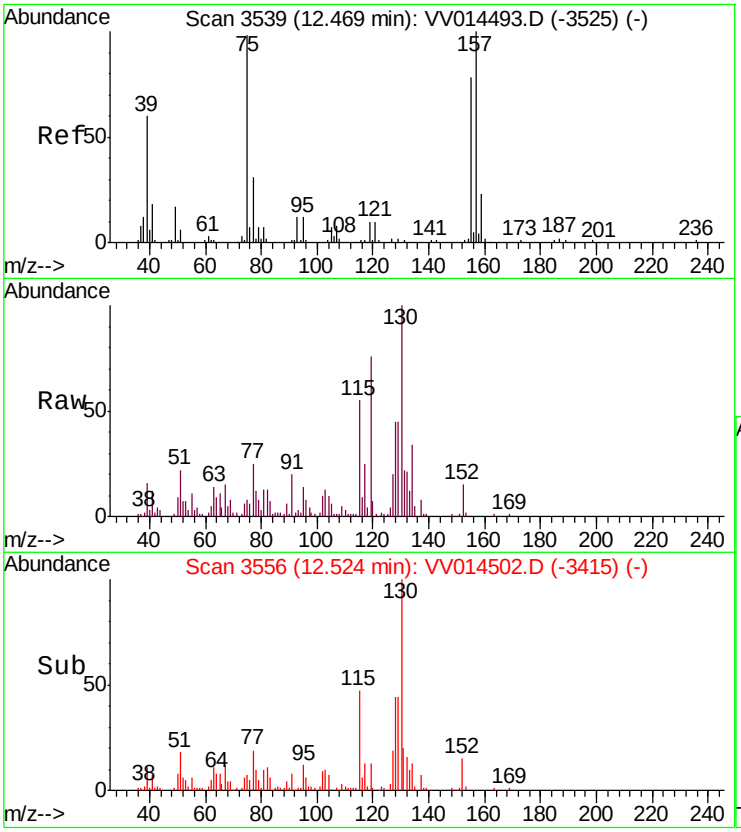


#56
Isopropylbenzene
Concen: 0.630 ug/L
RT: 9.97 min Scan# 2762
Delta R.T. 0.00 min
Lab File: VV014502.D
Acq: 04 Feb 2020 19:05

Tgt Ion:105 Resp: 7549

Ion	Ratio	Lower	Upper
105	100		
120	26.5	21.0	31.6
77	16.9	12.5	18.7



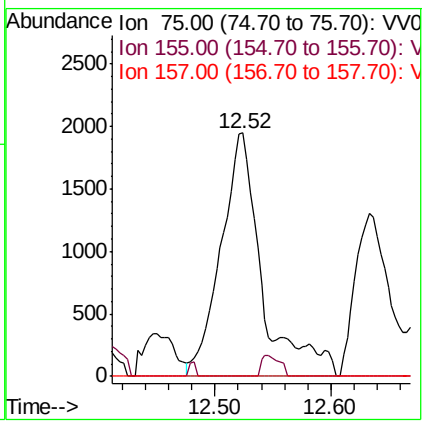


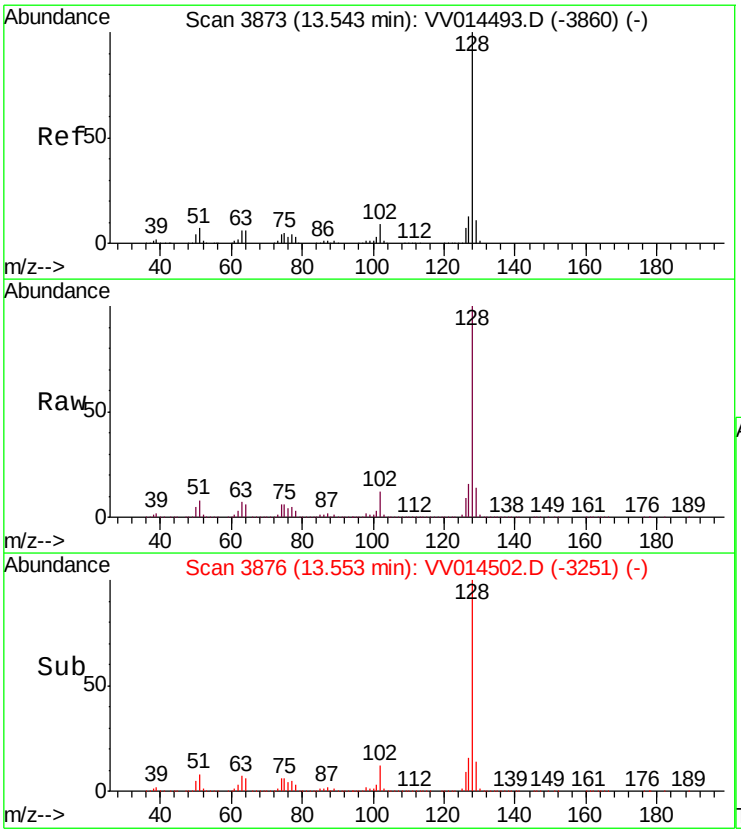
#66
1,2-Dibromo-3-chloropropane
Concen: 4.829 ug/L
RT: 12.52 min Scan# 3556
Delta R.T. 0.05 min
Lab File: VV014502.D
Acq: 04 Feb 2020 19:05

Instrument :
MSVOA_V
ClientSampleId :
GAT66MSD

Tgt Ion: 75 Resp: 4783

Ion	Ratio	Lower	Upper
75	100		
155	0.0	64.2	96.2#
157	0.0	83.4	125.2#





#69
Naphthalene
Concen: 1245.464 ug/L
RT: 13.55 min Scan# 3876
Delta R.T. 0.01 min
Lab File: VV014502.D
Acq: 04 Feb 2020 19:05

Tgt Ion:128 Resp:15214800

Ion	Ratio	Lower	Upper
128	100		
127	14.9	10.2	15.4
129	12.7	8.6	13.0