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

Quantitation Report (Not Reviewed)

Data File : VV014501.D
Acq On : 04 Feb 2020 18:41
Operator : SY/MD
Sample : L1324-10MS
Misc : 5.07g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT66MS

Quant Time: Feb 05 01:09:41 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	396641	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	387842	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	213544	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	99299	45.08	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 90.16%			
7) Chloroethane-d5	1.55	69	33402	24.39	ug/L	-0.04
Spiked Amount 50.000	Range 70 - 130		Recovery = 48.78%#			
11) 1,1-Dichloroethene-d2	2.11	63	131456	44.70	ug/L	-0.02
Spiked Amount 50.000	Range 60 - 125		Recovery = 89.40%			
21) 2-Butanone-d5	3.94	46	148798	100.39	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery = 100.39%			
24) Chloroform-d	4.39	84	208749	44.77	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.54%			
26) 1,2-Dichloroethane-d4	5.07	65	136760	48.70	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.40%			
32) Benzene-d6	5.09	84	443845	43.46	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 86.92%			
36) 1,2-Dichloropropane-d6	6.11	67	144360	44.68	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 89.36%			
41) Toluene-d8	7.35	98	416362	44.17	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 88.34%			
43) trans-1,3-Dichloropropene-	7.66	79	75093	45.73	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 91.46%			
47) 2-Hexanone-d5	8.14	63	148868	117.77	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery = 117.77%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	221272	53.16	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 106.32%			
64) 1,2-Dichlorobenzene-d4	11.67	152	188211	47.86	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 95.72%			

Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	1080	0.719	ug/L #	19
12) 1,1-Dichloroethene	2.12	96	68567	45.443	ug/L	98
13) Acetone	2.20	43	2352	1.860	ug/L	85
16) Methylene chloride	2.53	84	2163	0.745	ug/L	95
25) Chloroform	4.42	83	4190	0.871	ug/L	88
27) 1,2-Dichloroethane	5.14	62	4208	1.230	ug/L #	73
33) Benzene	5.14	78	543823	47.521	ug/L	100
34) Trichloroethene	5.95	95	132473	45.833	ug/L	96
39) cis-1,3-Dichloropropene	7.03	75	4104	0.873	ug/L #	61
42) Toluene	7.43	91	621475	51.878	ug/L	99
48) 2-Hexanone	8.14	43	15547	5.749	ug/L #	64
51) Chlorobenzene	8.92	112	384781	50.209	ug/L	99
52) Ethylbenzene	9.05	91	252834	18.804	ug/L	99
53) m,p-Xylene	9.18	106	167883	33.439	ug/L	99
54) o-xylene	9.59	106	101014	20.305	ug/L	99
55) Styrene	9.60	104	203895	24.421	ug/L	99
56) Isopropylbenzene	9.97	105	7880	0.619	ug/L #	93

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

Quantitation Report (Not Reviewed)

Data File : VV014501.D
Acq On : 04 Feb 2020 18:41
Operator : SY/MD
Sample : L1324-10MS
Misc : 5.07g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT66MS

Quant Time: Feb 05 01:09:41 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)
59) 1,2,3-Trichloropropane	11.29	75	24672	7.300	ug/L		90
66) 1,2-Dibromo-3-chloropropan	12.52	75	3841	3.722	ug/L	#	3
69) Naphthalene	13.55	128	15433853	1212.503	ug/L		95

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

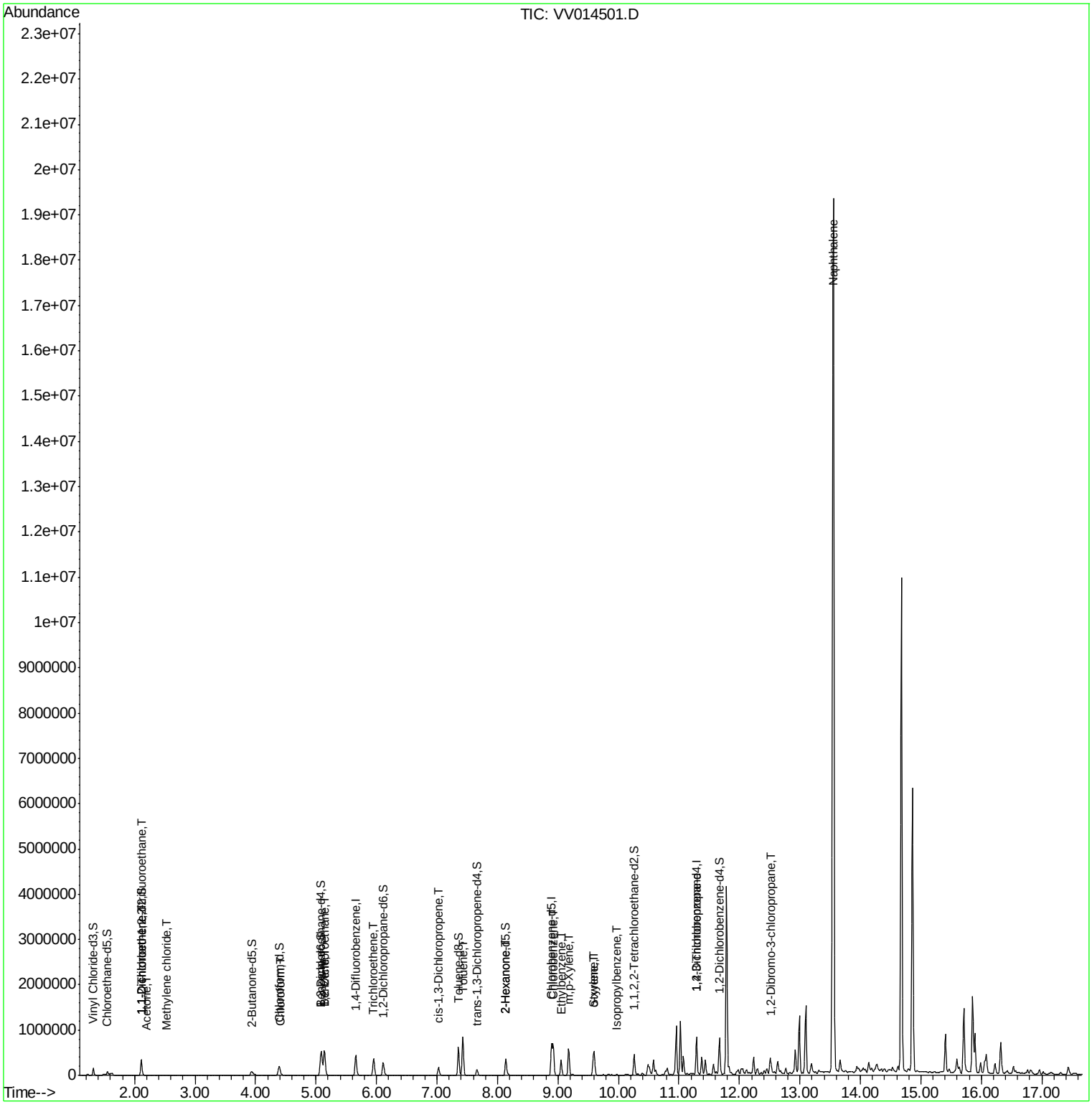
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV020420\

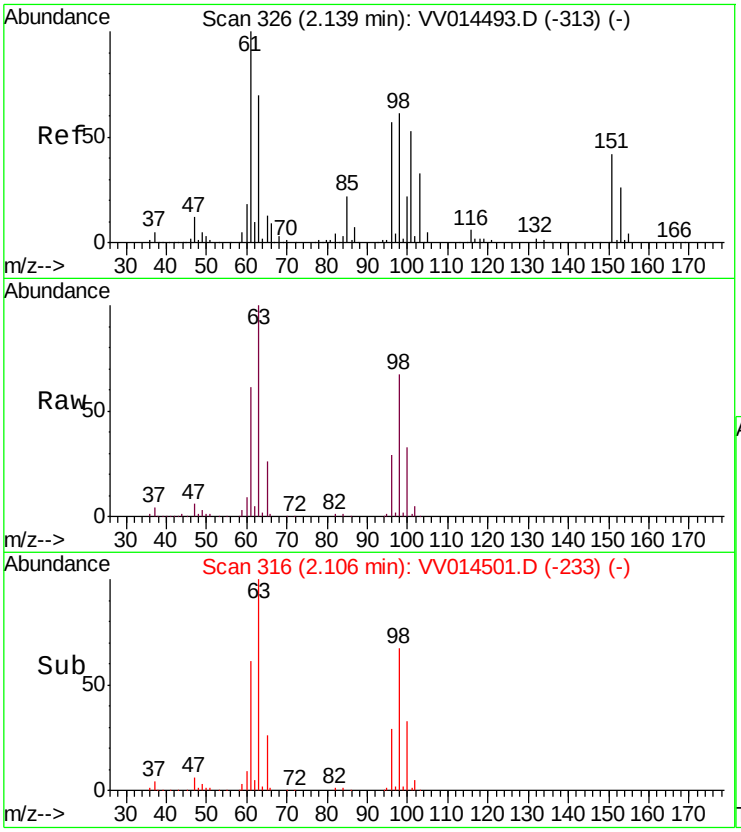
Quantitation Report (Not Reviewed)

Data File : VV014501.D
Acq On : 04 Feb 2020 18:41
Operator : SY/MD
Sample : L1324-10MS
Misc : 5.07g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT66MS

Quant Time: Feb 05 01:09:41 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



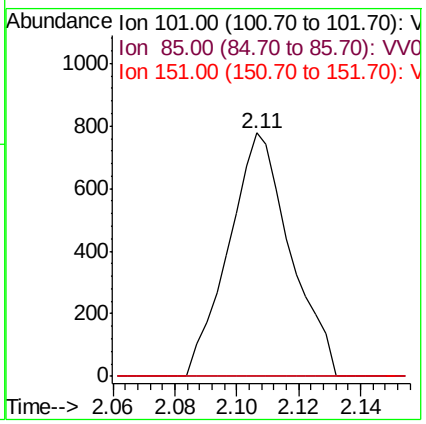


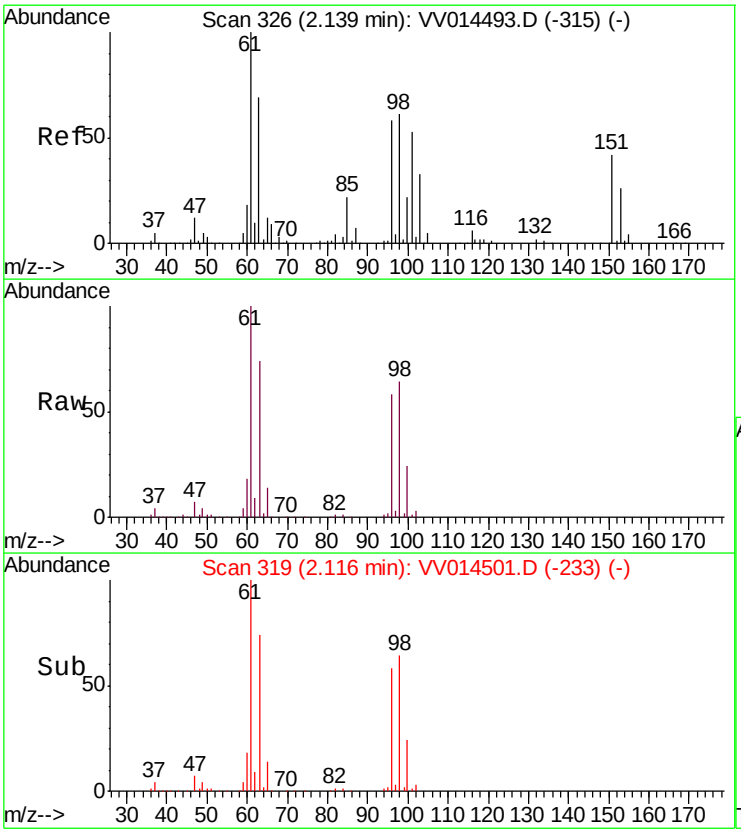
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.719 ug/L
RT: 2.11 min Scan# 316
Delta R.T. -0.03 min
Lab File: VV014501.D
Acq: 04 Feb 2020 18:41

Instrument :
MSVOA_V
ClientSampleId :
GAT66MS

Tgt Ion:101 Resp: 1080

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

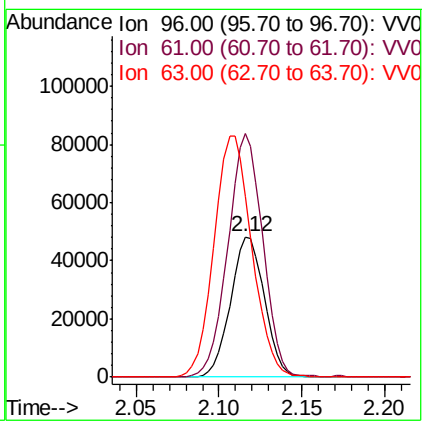


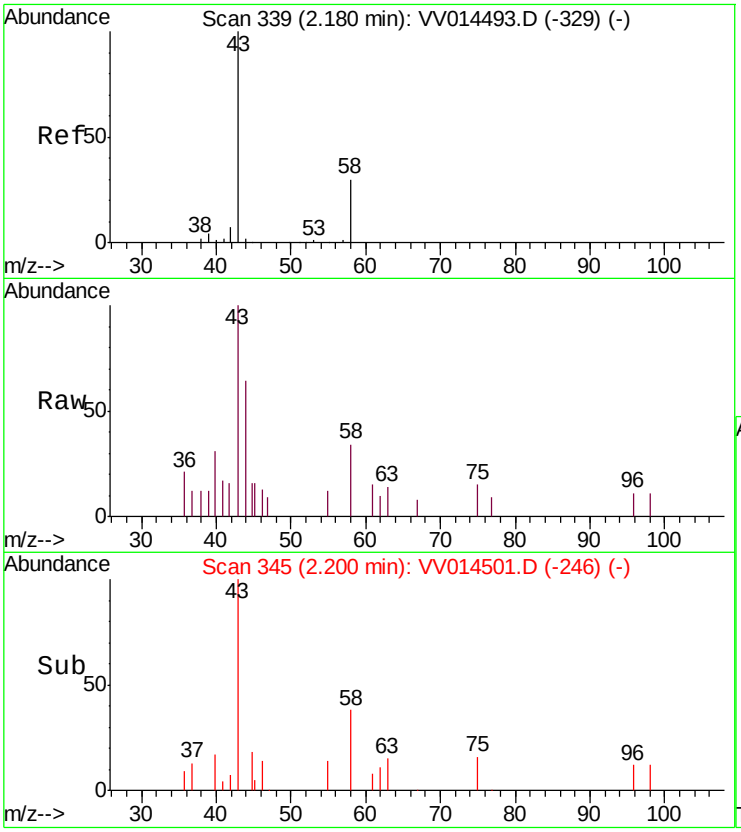


#12
1,1-Dichloroethene
Concen: 45.443 ug/L
RT: 2.12 min Scan# 319
Delta R.T. -0.02 min
Lab File: VV014501.D
Acq: 04 Feb 2020 18:41

Tgt Ion: 96 Resp: 68567

Ion	Ratio	Lower	Upper
96	100		
61	173.2	120.5	223.7
63	128.9	87.1	161.7



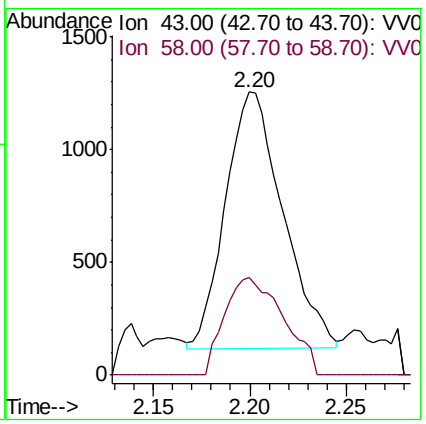


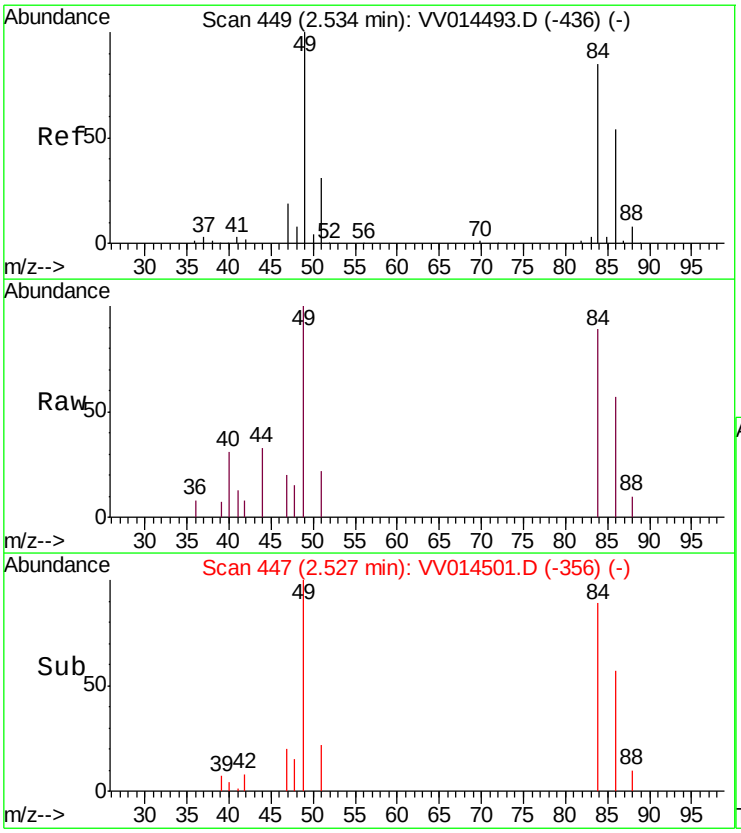
#13
Acetone
Concen: 1.860 ug/L
RT: 2.20 min Scan# 345
Delta R.T. 0.02 min
Lab File: VV014501.D
Acq: 04 Feb 2020 18:41

Instrument : MSVOA_V
ClientSampleId : GAT66MS

Tgt Ion: 43 Resp: 2352

Ion	Ratio	Lower	Upper
43	100		
58	39.0	0.0	61.2

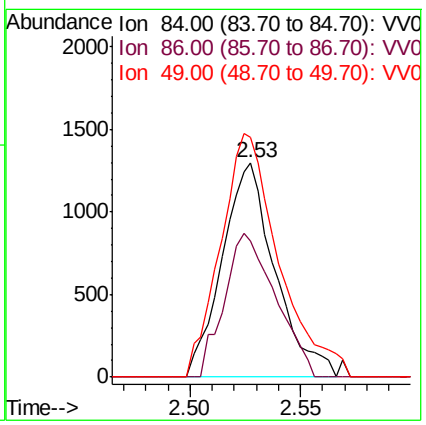


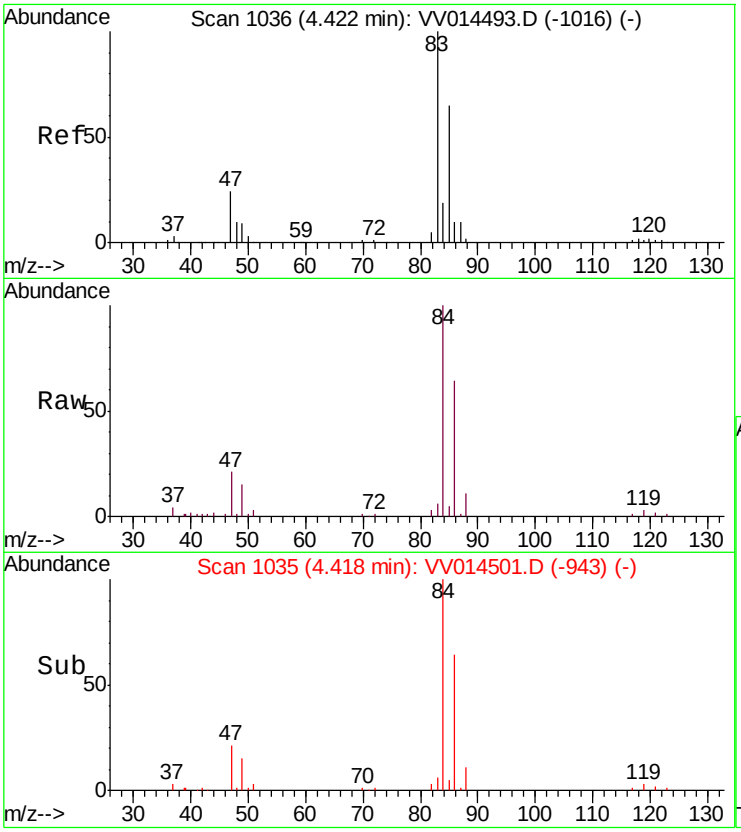


#16
Methylene chloride
Concen: 0.745 ug/L
RT: 2.53 min Scan# 447
Delta R.T. -0.01 min
Lab File: VV014501.D
Acq: 04 Feb 2020 18:41

Tgt Ion: 84 Resp: 2163

Ion	Ratio	Lower	Upper
84	100		
86	63.3	45.6	84.8
49	111.8	82.7	153.7



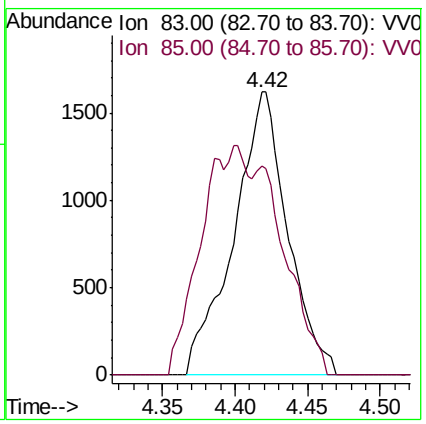


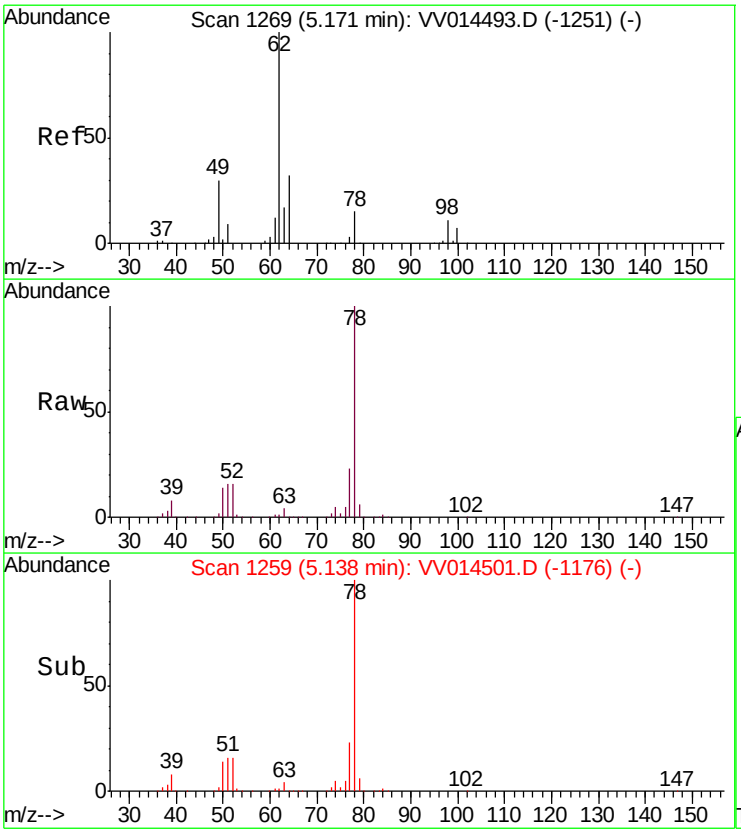
#25
Chloroform
Concen: 0.871 ug/L
RT: 4.42 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VV014501.D
Acq: 04 Feb 2020 18:41

Instrument :
MSVOA_V
ClientSampleId :
GAT66MS

Tgt Ion: 83 Resp: 4190

Ion	Ratio	Lower	Upper
83	100		
85	73.9	45.1	83.7

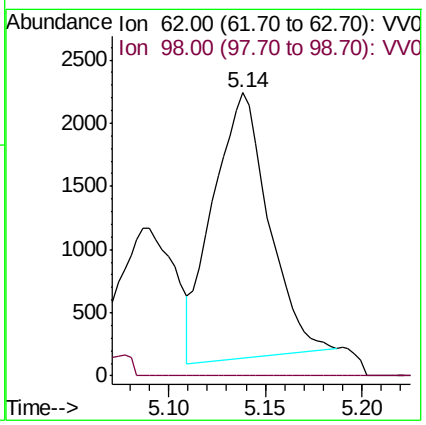


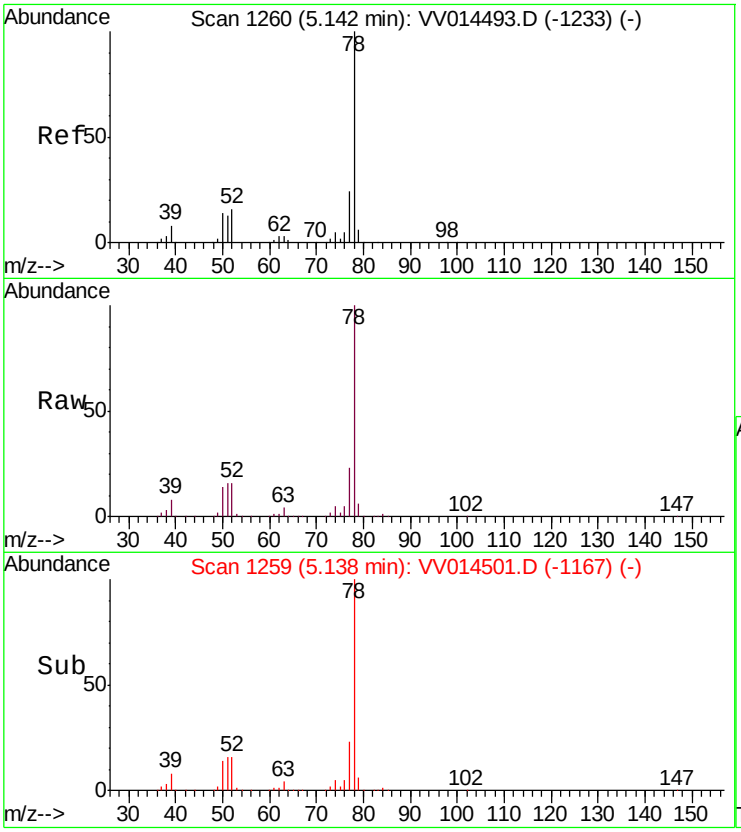


#27
1,2-Dichloroethane
Concen: 1.230 ug/L
RT: 5.14 min Scan# 1259
Delta R.T. -0.03 min
Lab File: VV014501.D
Acq: 04 Feb 2020 18:41

Tgt Ion: 62 Resp: 4208

Ion	Ratio	Lower	Upper
62	100		
98	0.0	8.0	12.0#

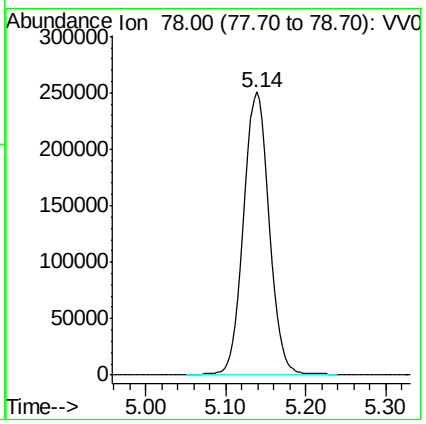


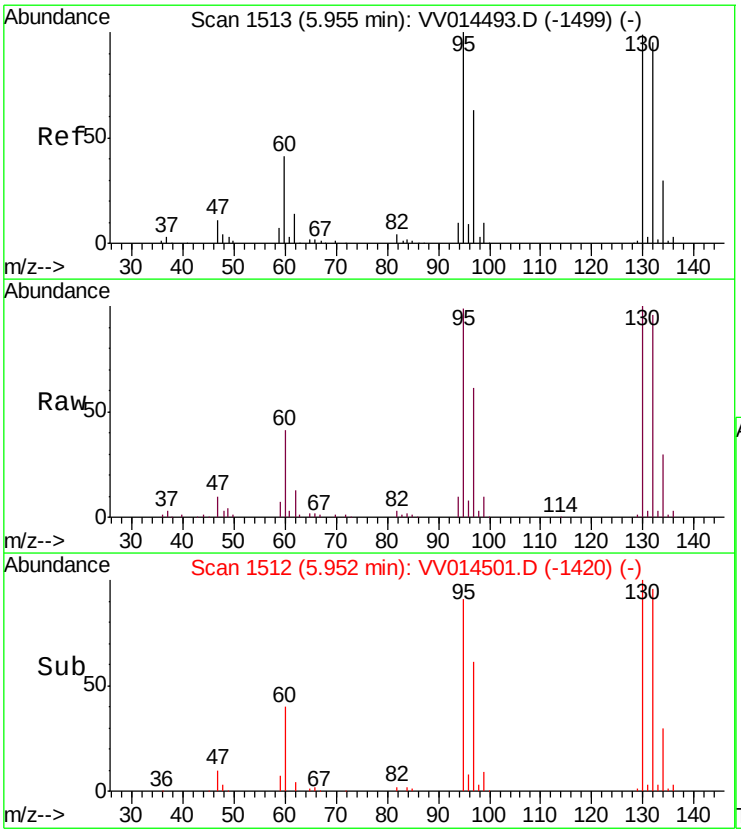


#33
Benzene
Concen: 47.521 ug/L
RT: 5.14 min Scan# 1259
Delta R.T. -0.00 min
Lab File: VV014501.D
Acq: 04 Feb 2020 18:41

Instrument :
MSVOA_V
ClientSampleId :
GAT66MS

Tgt Ion: 78 Resp: 543823

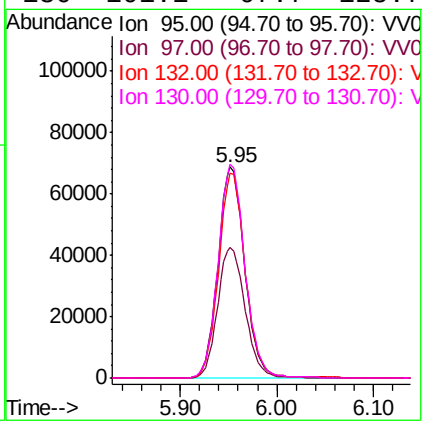


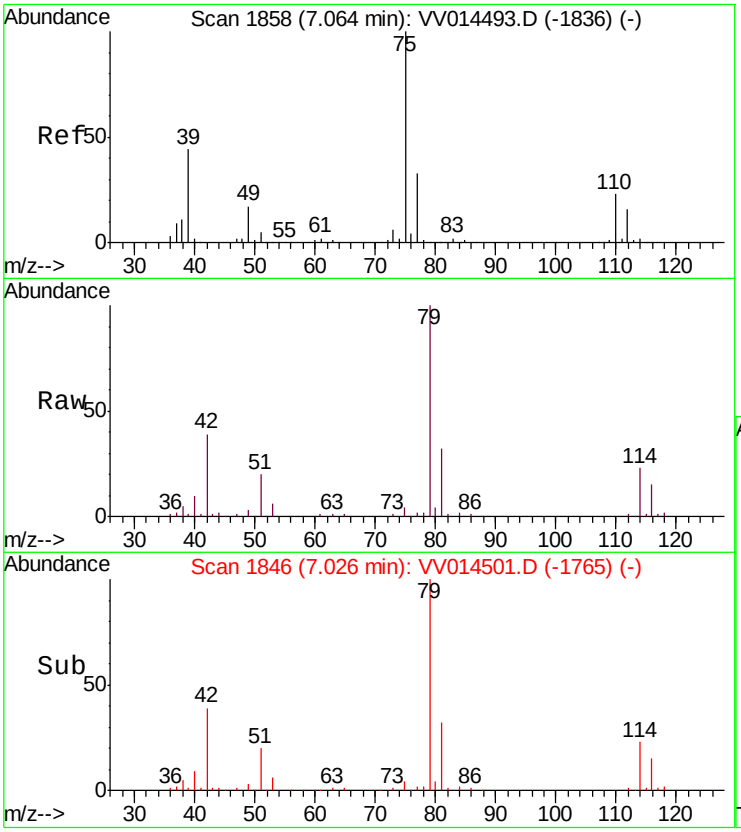


#34
Trichloroethene
Concen: 45.833 ug/L
RT: 5.95 min Scan# 1512
Delta R.T. -0.00 min
Lab File: VV014501.D
Acq: 04 Feb 2020 18:41

Tgt Ion: 95 Resp: 132473

Ion	Ratio	Lower	Upper
95	100		
97	61.8	44.7	83.1
132	97.2	65.4	121.4
130	101.1	67.7	125.7



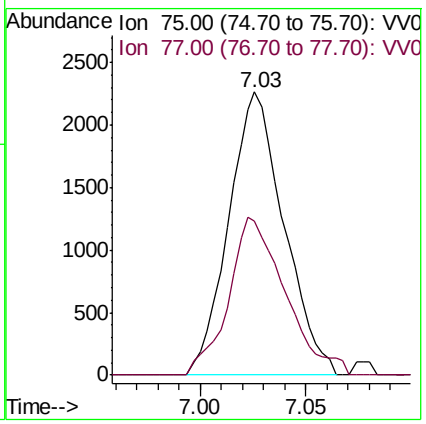


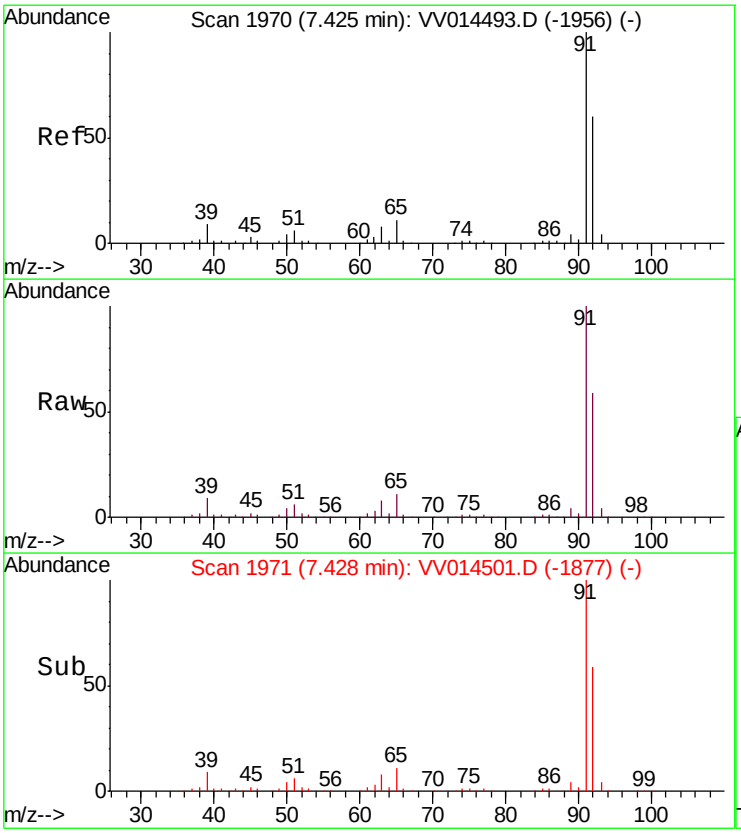
#39
cis-1,3-Dichloropropene
Concen: 0.873 ug/L
RT: 7.03 min Scan# 1846
Delta R.T. -0.04 min
Lab File: VV014501.D
Acq: 04 Feb 2020 18:41

Instrument :
MSVOA_V
ClientSampleId :
GAT66MS

Tgt Ion: 75 Resp: 4104

Ion	Ratio	Lower	Upper
75	100		
77	54.4	22.7	42.3#

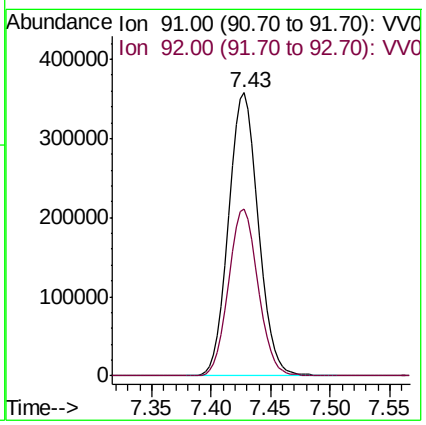


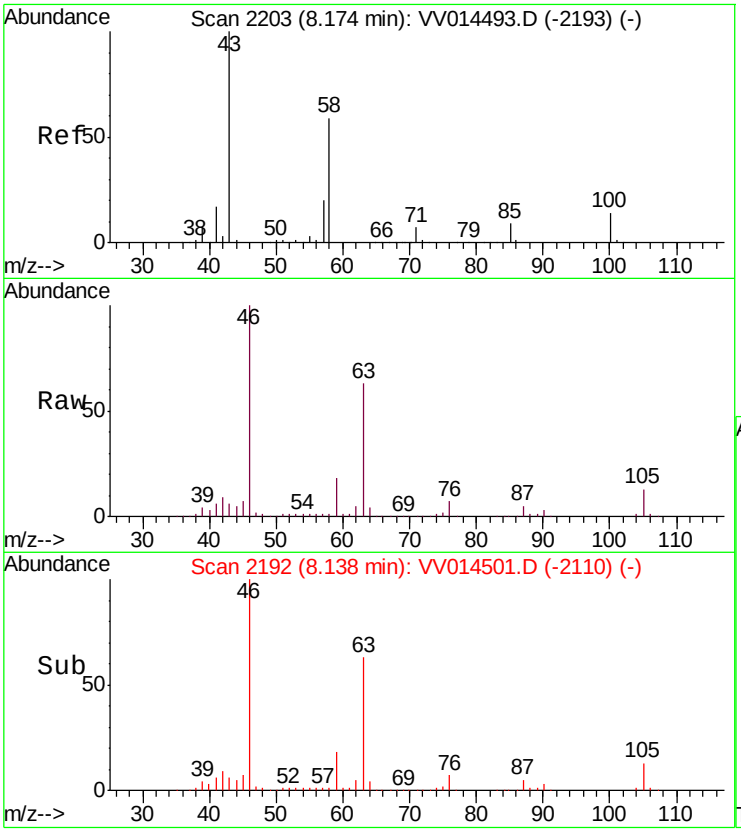


#42
Toluene
Concen: 51.878 ug/L
RT: 7.43 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VV014501.D
Acq: 04 Feb 2020 18:41

Tgt Ion: 91 Resp: 621475

Ion	Ratio	Lower	Upper
91	100		
92	59.1	41.0	76.2



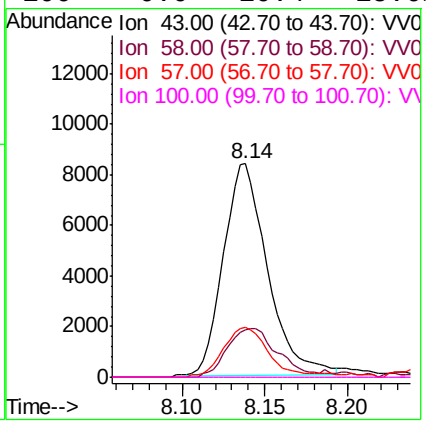


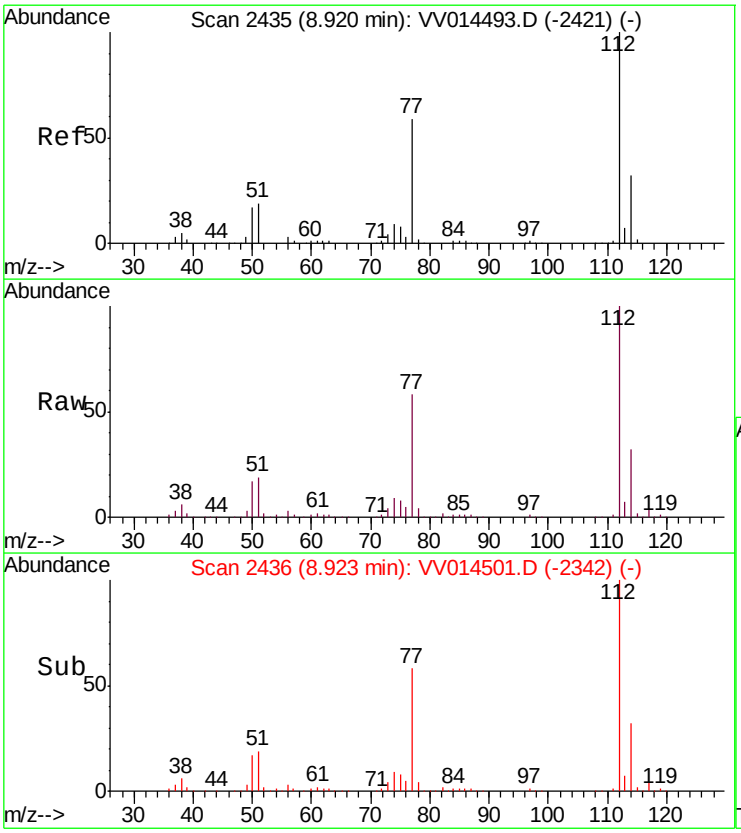
#48
2-Hexanone
Concen: 5.749 ug/L
RT: 8.14 min Scan# 2192
Delta R.T. -0.04 min
Lab File: VV014501.D
Acq: 04 Feb 2020 18:41

Instrument :
MSVOA_V
ClientSampleId :
GAT66MS

Tgt Ion: 43 Resp: 15547

Ion	Ratio	Lower	Upper
43	100		
58	26.2	48.0	72.0#
57	23.9	15.0	22.6#
100	0.0	10.4	15.6#

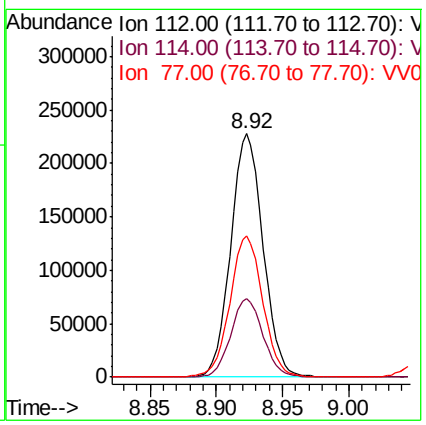


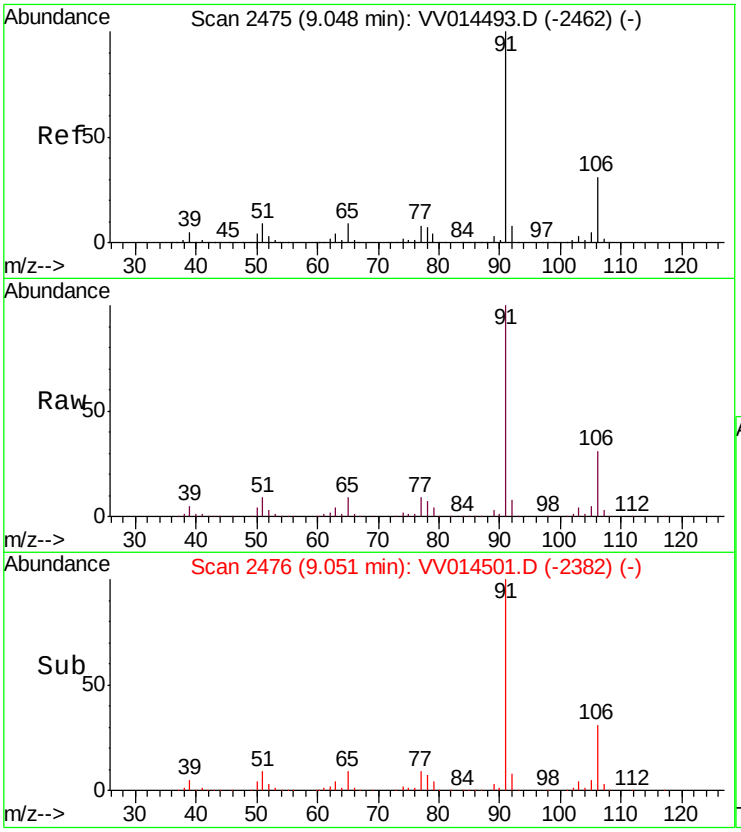


#51
Chlorobenzene
Concen: 50.209 ug/L
RT: 8.92 min Scan# 2436
Delta R.T. 0.00 min
Lab File: VV014501.D
Acq: 04 Feb 2020 18:41

Tgt Ion:112 Resp: 384781

Ion	Ratio	Lower	Upper
112	100		
114	32.4	22.5	41.9
77	57.9	47.5	71.3



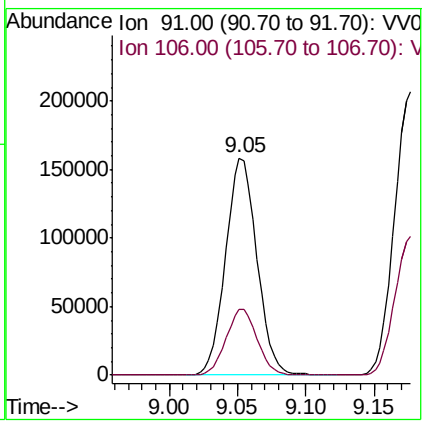


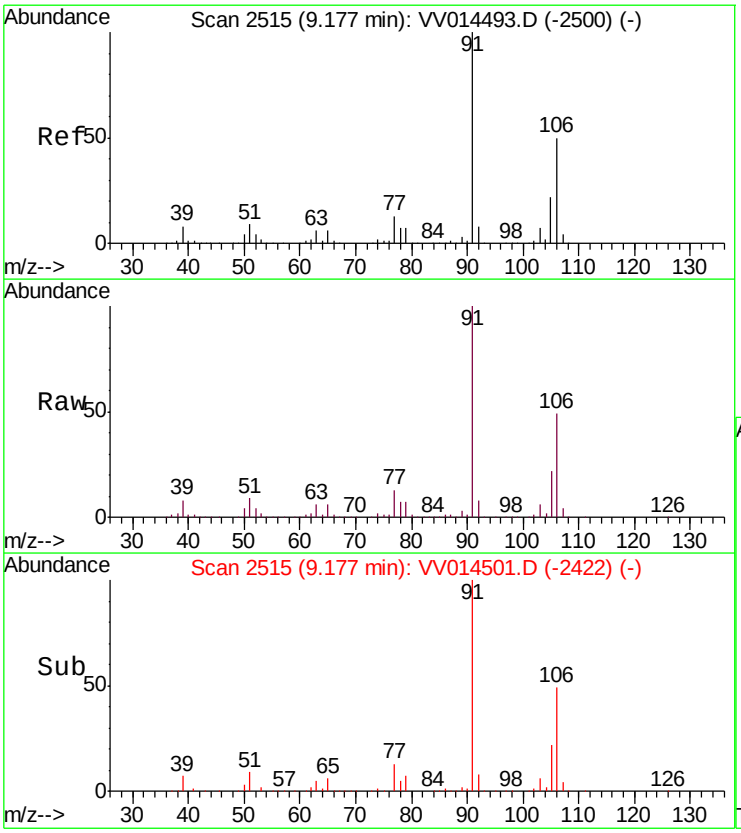
#52
Ethylbenzene
Concen: 18.804 ug/L
RT: 9.05 min Scan# 2476
Delta R.T. 0.00 min
Lab File: VV014501.D
Acq: 04 Feb 2020 18:41

Instrument :
MSVOA_V
ClientSampleId :
GAT66MS

Tgt Ion: 91 Resp: 252834

Ion	Ratio	Lower	Upper
91	100		
106	30.6	21.8	40.6

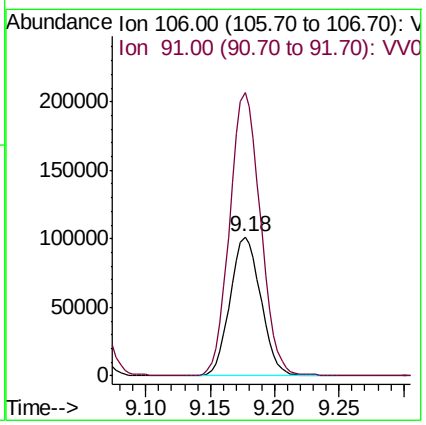


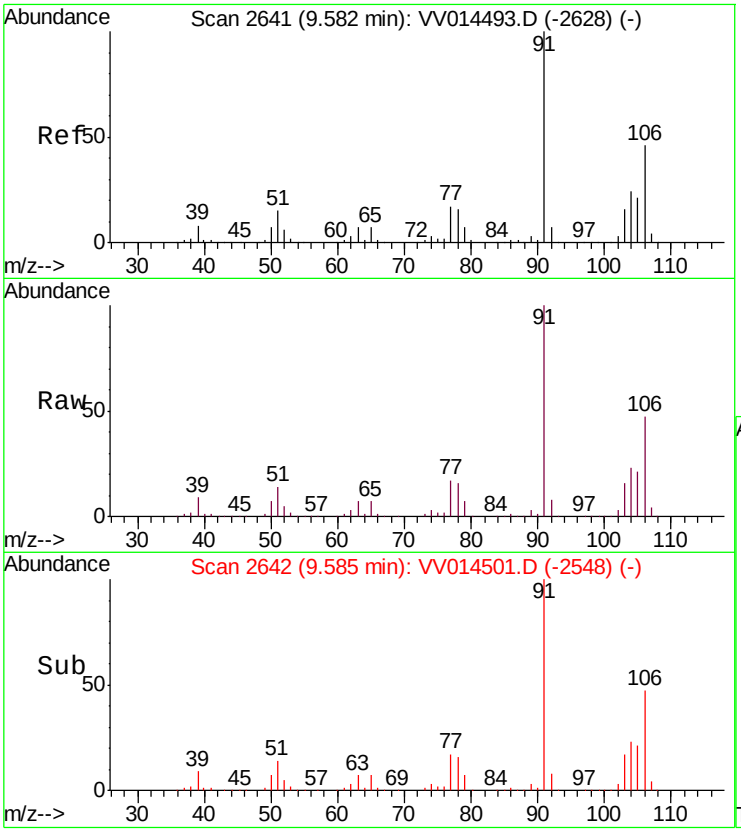


#53
m,p-Xylene
Concen: 33.439 ug/L
RT: 9.18 min Scan# 2515
Delta R.T. -0.00 min
Lab File: VV014501.D
Acq: 04 Feb 2020 18:41

Tgt Ion:106 Resp: 167883

Ion	Ratio	Lower	Upper
106	100		
91	203.2	140.9	261.7



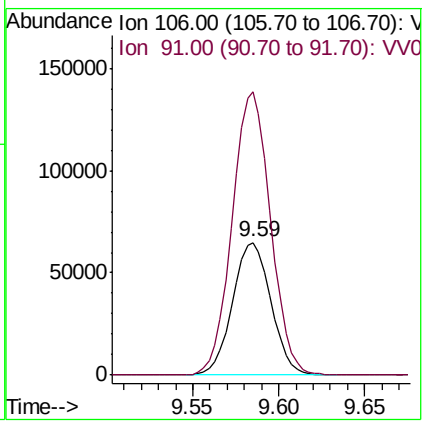


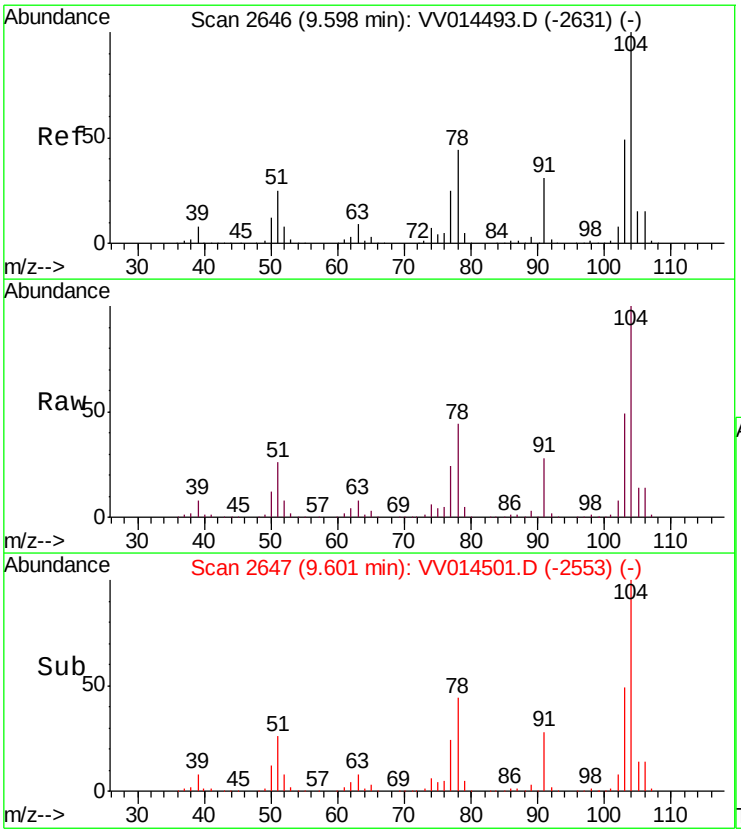
#54
o-xylene
Concen: 20.305 ug/L
RT: 9.59 min Scan# 2642
Delta R.T. 0.00 min
Lab File: VV014501.D
Acq: 04 Feb 2020 18:41

Instrument :
MSVOA_V
ClientSampleId :
GAT66MS

Tgt Ion:106 Resp: 101014

Ion	Ratio	Lower	Upper
106	100		
91	213.2	150.4	279.2

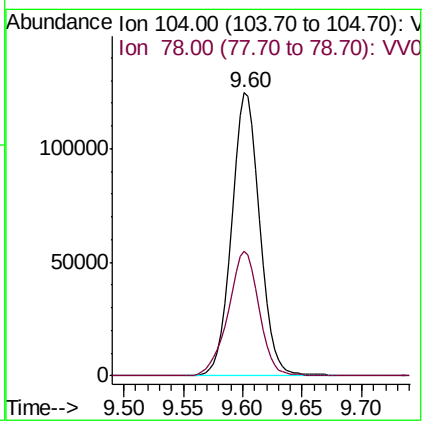


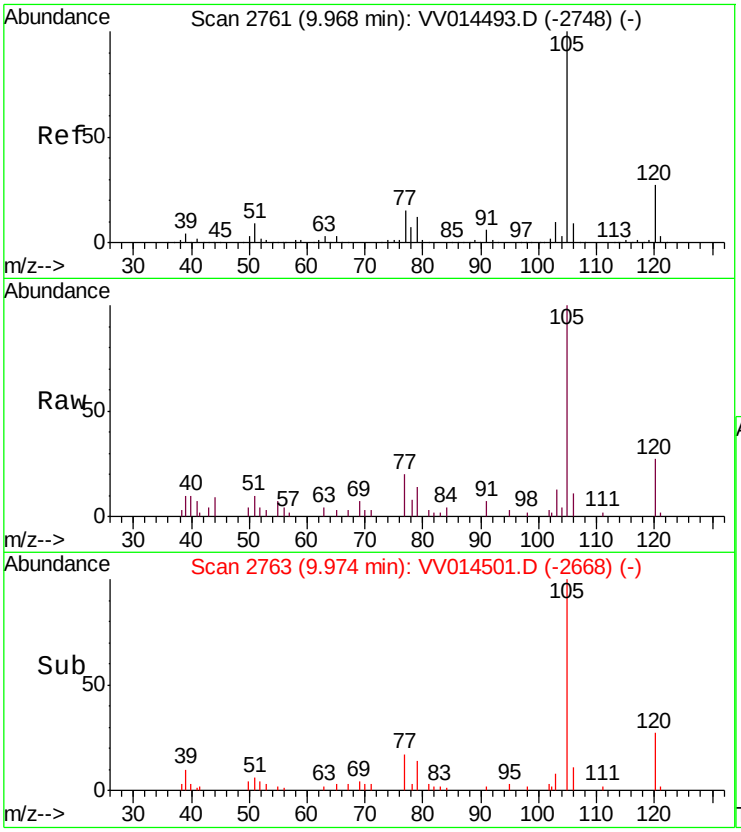


#55
Styrene
Concen: 24.421 ug/L
RT: 9.60 min Scan# 2647
Delta R.T. 0.00 min
Lab File: VV014501.D
Acq: 04 Feb 2020 18:41

Tgt Ion:104 Resp: 203895

Ion	Ratio	Lower	Upper
104	100		
78	44.2	31.3	58.1



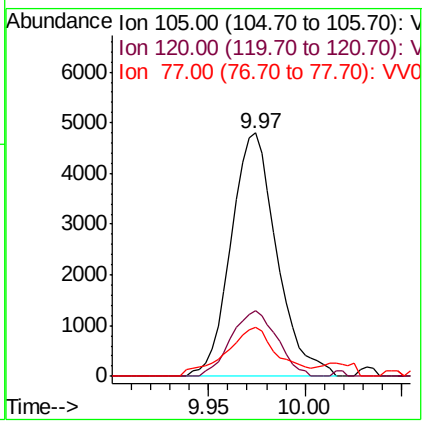


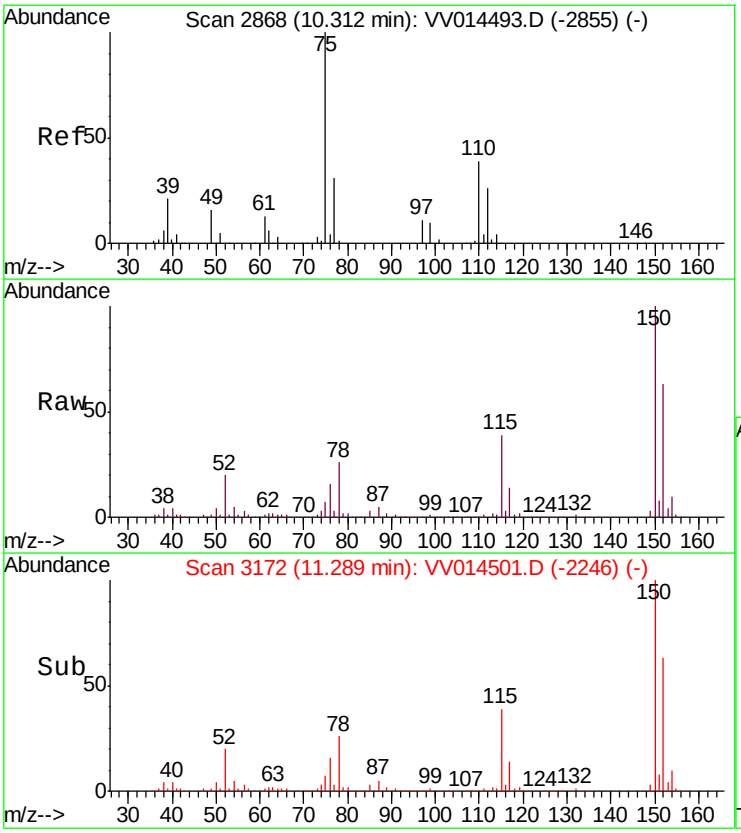
#56
Isopropylbenzene
Concen: 0.619 ug/L
RT: 9.97 min Scan# 2763
Delta R.T. 0.01 min
Lab File: VV014501.D
Acq: 04 Feb 2020 18:41

Instrument :
MSVOA_V
ClientSampleId :
GAT66MS

Tgt Ion:105 Resp: 7880

Ion	Ratio	Lower	Upper
105	100		
120	27.0	21.0	31.6
77	22.8	12.5	18.7#

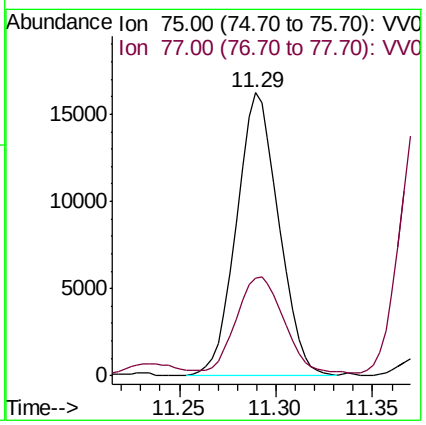


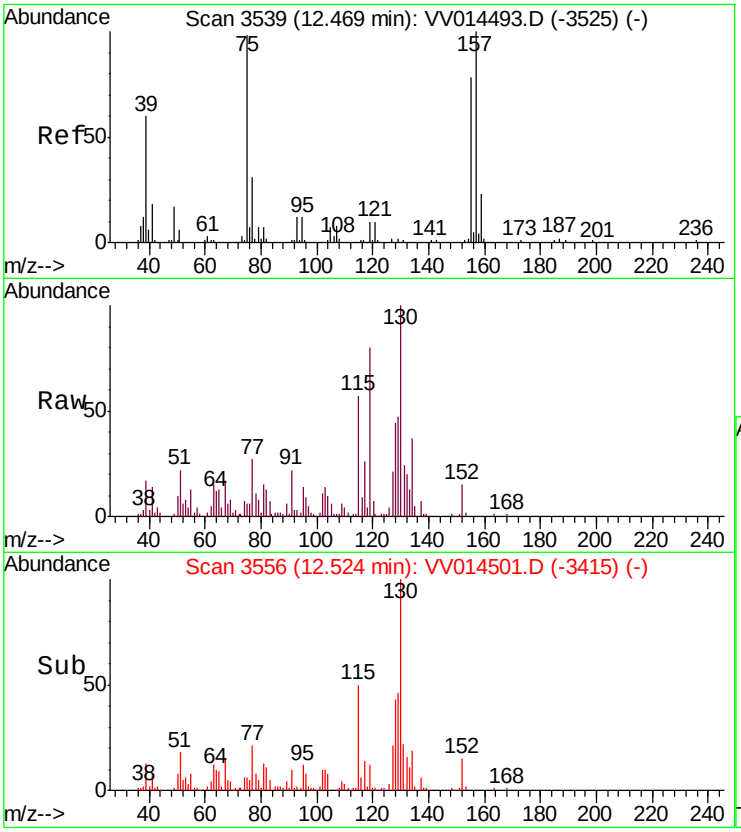


#59
1,2,3-Trichloropropane
Concen: 7.300 ug/L
RT: 11.29 min Scan# 3172
Delta R.T. 0.98 min
Lab File: VV014501.D
Acq: 04 Feb 2020 18:41

Tgt Ion: 75 Resp: 24672

Ion	Ratio	Lower	Upper
75	100		
77	37.7	25.9	38.9



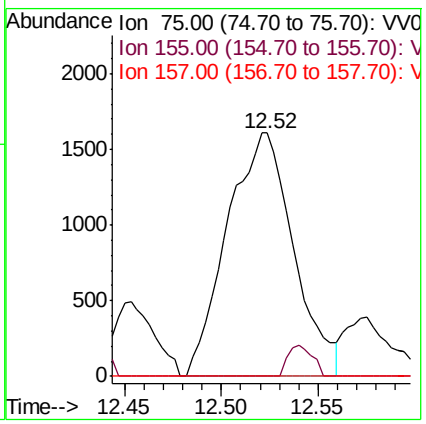


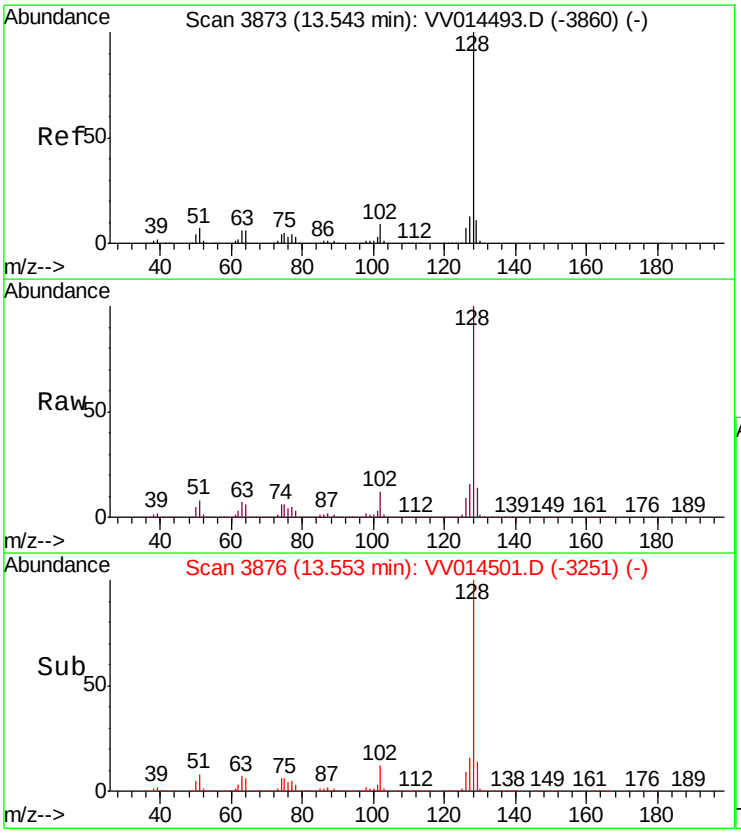
#66
1,2-Dibromo-3-chloropropane
Concen: 3.722 ug/L
RT: 12.52 min Scan# 3556
Delta R.T. 0.05 min
Lab File: VV014501.D
Acq: 04 Feb 2020 18:41

Instrument :
MSVOA_V
ClientSampleId :
GAT66MS

Tgt Ion: 75 Resp: 3841

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





#69
Naphthalene
Concen: 1212.503 ug/L
RT: 13.55 min Scan# 3876
Delta R.T. 0.01 min
Lab File: VV014501.D
Acq: 04 Feb 2020 18:41

Tgt Ion:128 Resp:15433853

Ion	Ratio	Lower	Upper
128	100		
127	15.0	10.2	15.4
129	12.8	8.6	13.0