

Data File : VV014476.D
Acq On : 01 Feb 2020 01:44
Operator : SY/MD
Sample : L1323-13 10X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAT51

Quant Time: Feb 01 02:42:51 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Feb 01 02:36:06 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	444077	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	416892	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	205126	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	104678	42.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.88%
7) Chloroethane-d5	1.57	69	74504	48.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.18%
11) 1,1-Dichloroethene-d2	2.13	63	119851	36.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.80%
21) 2-Butanone-d5	3.92	46	187612	113.06	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	113.06%
24) Chloroform-d	4.40	84	238638	45.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.44%
26) 1,2-Dichloroethane-d4	5.08	65	157886	50.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.44%
32) Benzene-d6	5.09	84	523957	47.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.46%
36) 1,2-Dichloropropane-d6	6.11	67	165503	47.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.30%
41) Toluene-d8	7.35	98	489708	48.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.66%
43) trans-1,3-Dichloropropene-	7.66	79	85519	48.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.90%
47) 2-Hexanone-d5	8.13	63	158129	116.37	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	116.37%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	207444	46.36	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.72%
64) 1,2-Dichlorobenzene-d4	11.67	152	187148	49.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.08%

Target Compounds

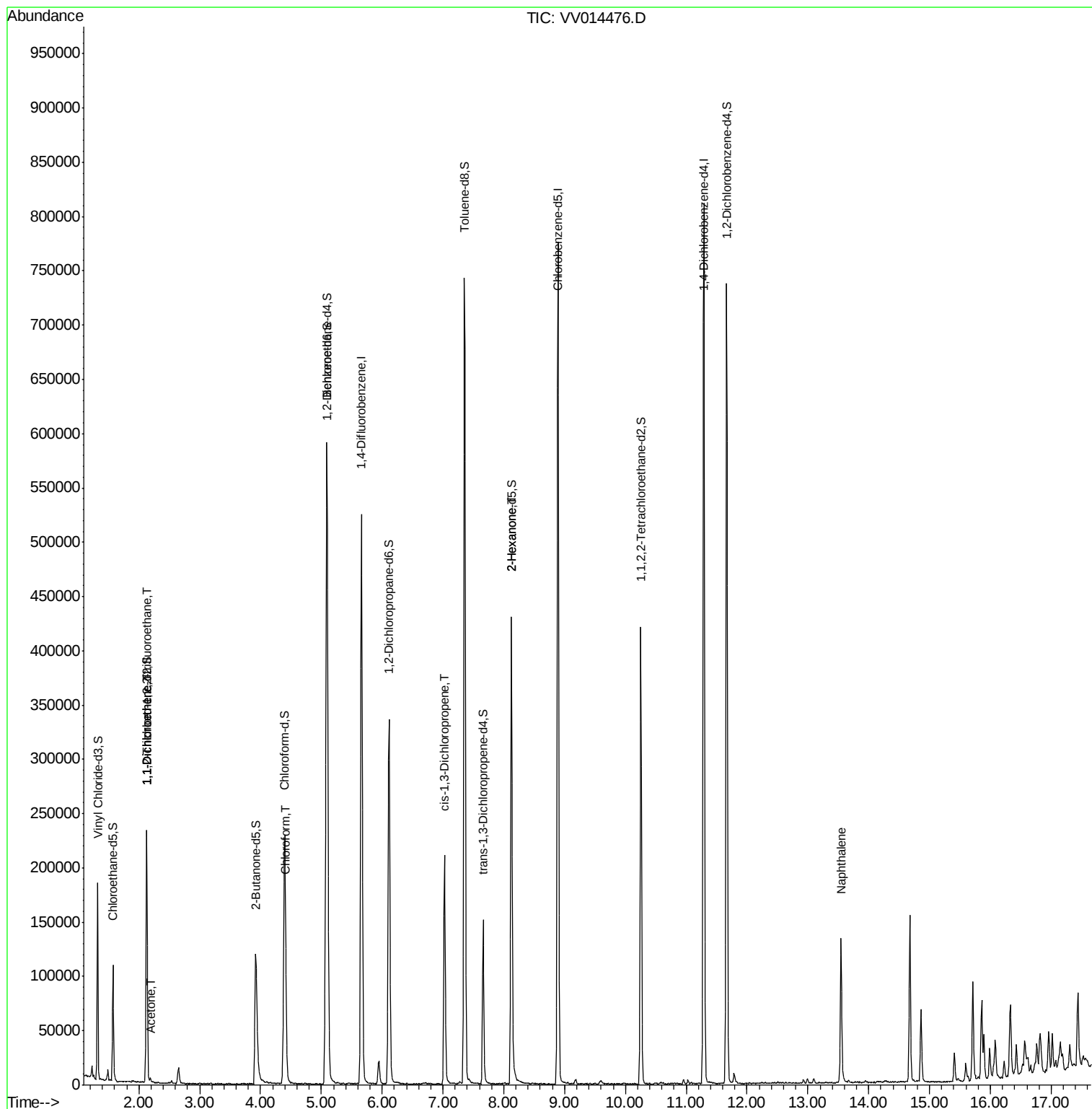
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1222	0.727 ug/L #	21
12) 1,1-Dichloroethene	2.13	96	1230	0.728 ug/L #	1
13) Acetone	2.19	43	2468	1.743 ug/L	94
25) Chloroform	4.42	83	10511	1.952 ug/L	93
39) cis-1,3-Dichloropropene	7.03	75	4873	0.964 ug/L #	80
48) 2-Hexanone	8.13	43	16806	5.781 ug/L #	66
69) Naphthalene	13.55	128	110267	9.018 ug/L	99

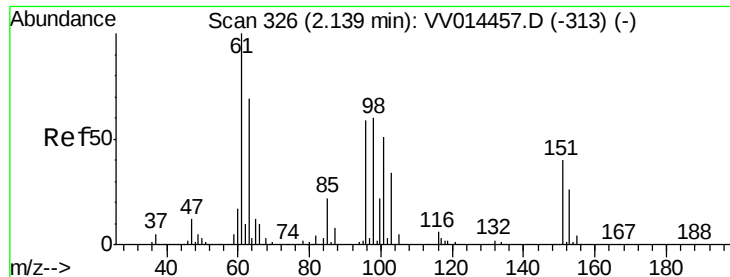
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV014476.D
Acq On : 01 Feb 2020 01:44
Operator : SY/MD
Sample : L1323-13 10X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAT51

Quant Time: Feb 01 02:42:51 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Feb 01 02:36:06 2020
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.727 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV014476.D

Acq: 01 Feb 2020 01:44

Instrument :

MSVOA_V

ClientSampleId :

GAT51

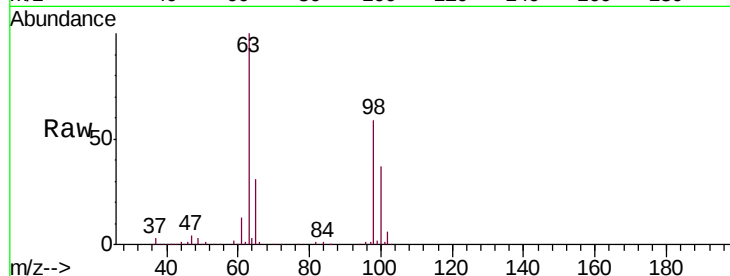
Tgt Ion: 101 Resp: 1222

Ion Ratio Lower Upper

101 100

85 3.4 34.6 51.8#

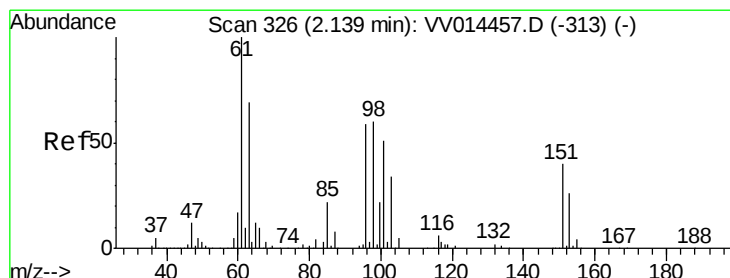
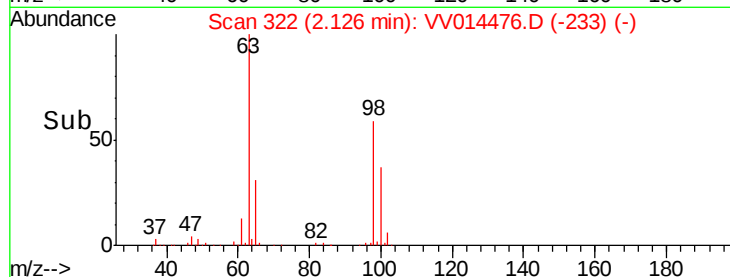
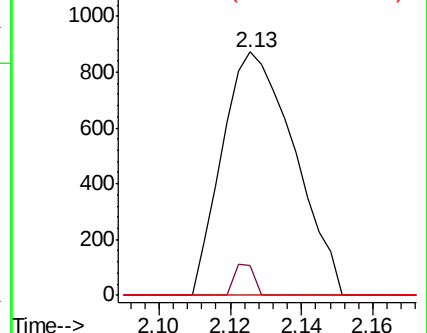
151 0.0 61.2 91.8#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.728 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV014476.D

Acq: 01 Feb 2020 01:44

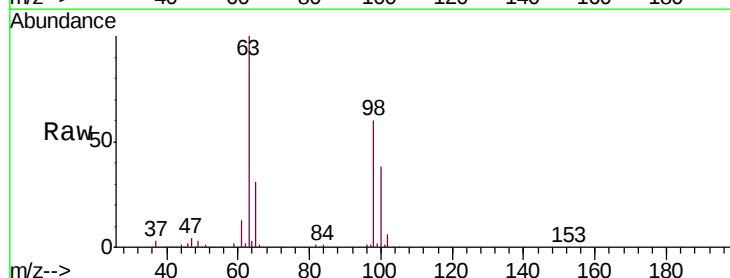
Tgt Ion: 96 Resp: 1230

Ion Ratio Lower Upper

96 100

61 1357.3 120.5 223.7#

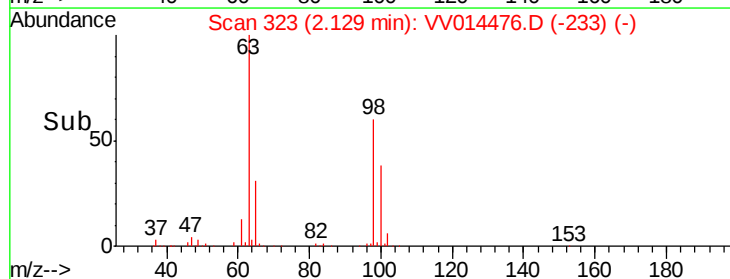
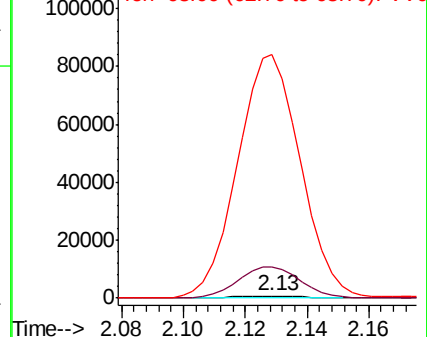
63 10407.9 87.1 161.7#

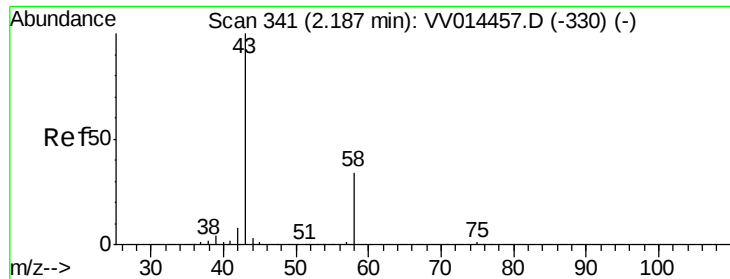


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 1.743 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

Lab File: VV014476.D

Acq: 01 Feb 2020 01:44

Instrument :

MSVOA_V

ClientSampleId :

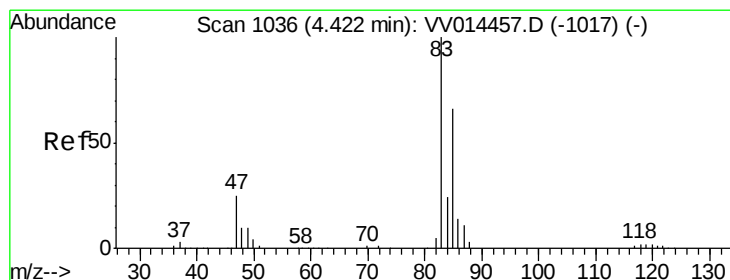
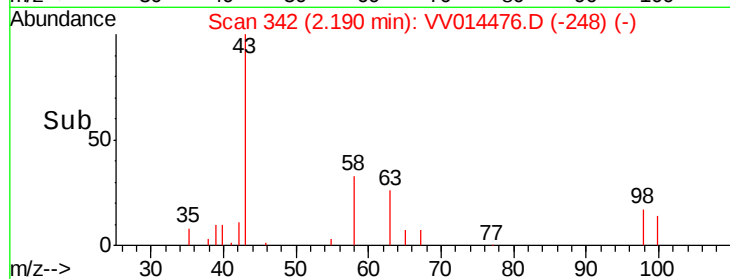
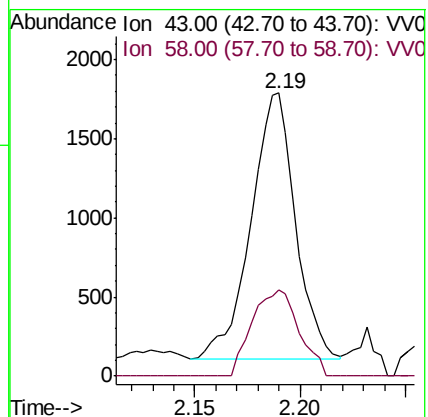
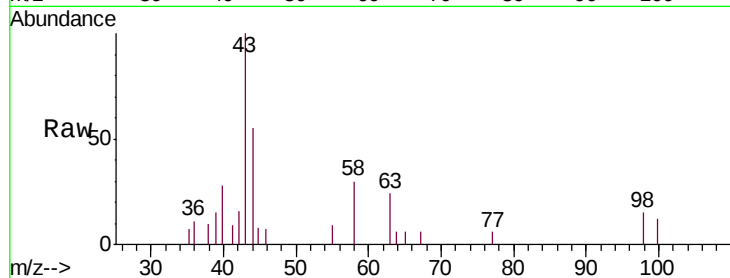
GAT51

Tgt Ion: 43 Resp: 2468

Ion Ratio Lower Upper

43 100

58 34.0 0.0 61.2



#25

Chloroform

Concen: 1.952 ug/L

RT: 4.42 min Scan# 1036

Delta R.T. -0.00 min

Lab File: VV014476.D

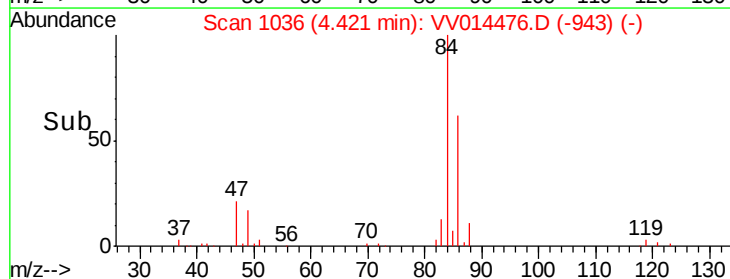
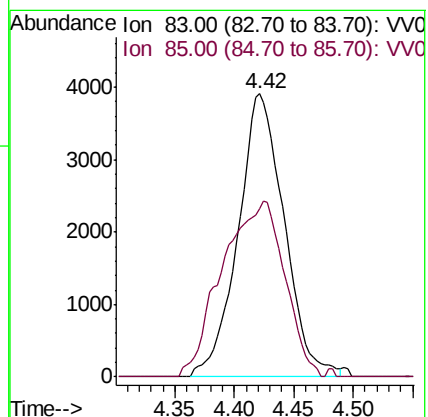
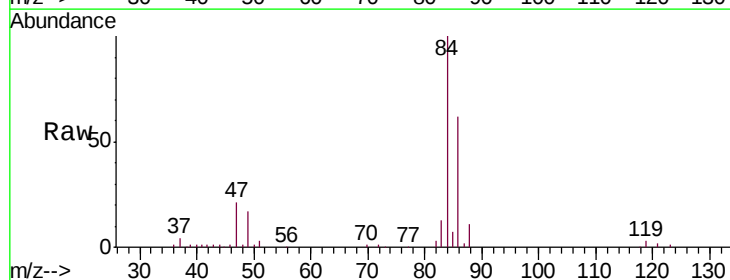
Acq: 01 Feb 2020 01:44

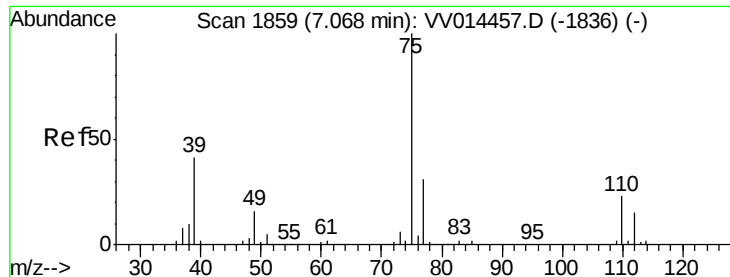
Tgt Ion: 83 Resp: 10511

Ion Ratio Lower Upper

83 100

85 59.3 45.1 83.7



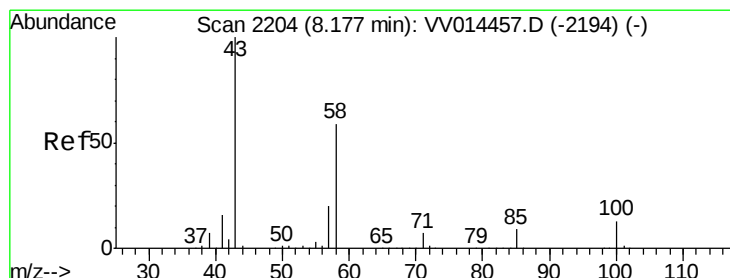
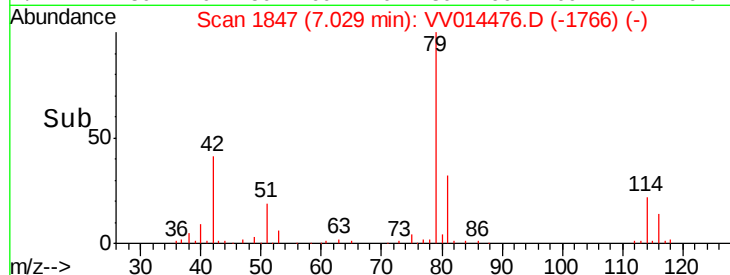
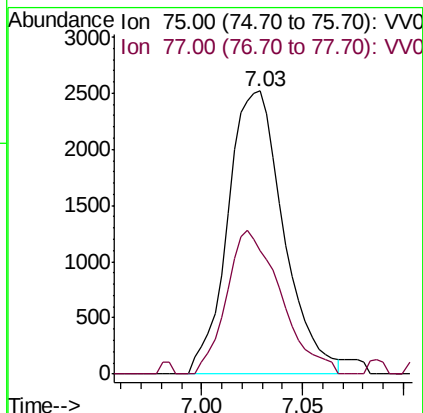
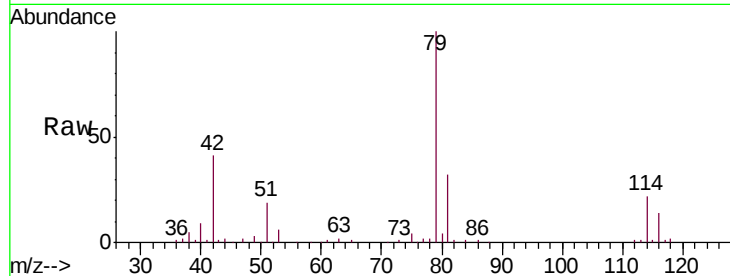


#39

cis-1,3-Dichloropropene
 Concen: 0.964 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV014476.D
 Acq: 01 Feb 2020 01:44

Instrument :
 MSVOA_V
 ClientSampleId :
 GAT51

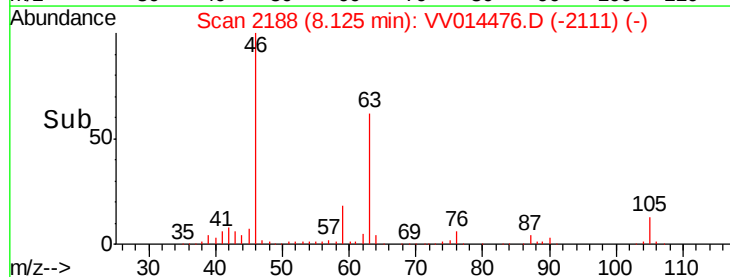
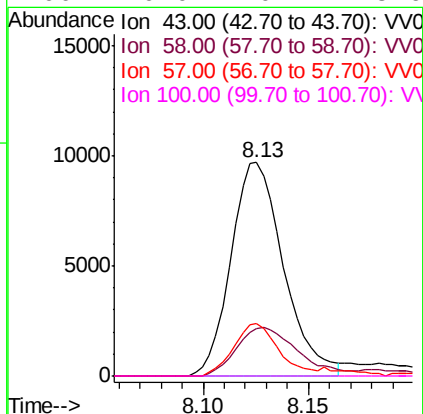
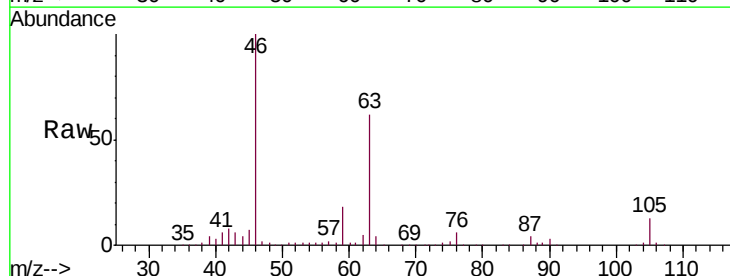
Tgt Ion: 75 Resp: 4873
 Ion Ratio Lower Upper
 75 100
 77 43.5 22.7 42.3#

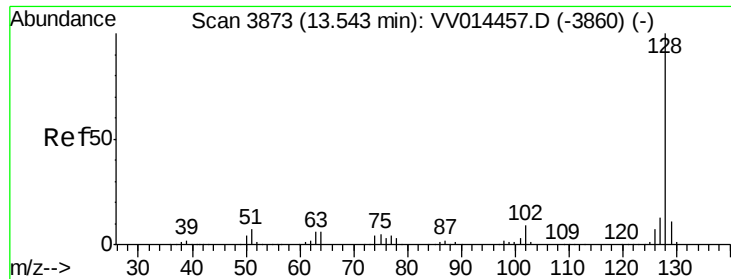


#48

2-Hexanone
 Concen: 5.781 ug/L
 RT: 8.13 min Scan# 2188
 Delta R.T. -0.05 min
 Lab File: VV014476.D
 Acq: 01 Feb 2020 01:44

Tgt Ion: 43 Resp: 16806
 Ion Ratio Lower Upper
 43 100
 58 26.7 48.0 72.0#
 57 21.0 15.0 22.6
 100 0.0 10.4 15.6#





#69

Naphthalene

Concen: 9.018 ug/L

RT: 13.55 min Scan# 3874

Delta R.T. 0.00 min

Lab File: VV014476.D

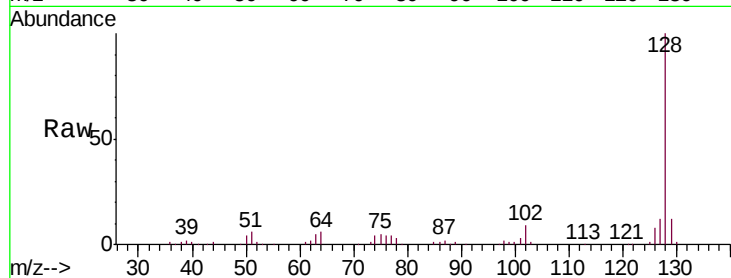
Acq: 01 Feb 2020 01:44

Instrument :

MSVOA_V

ClientSampleId :

GAT51



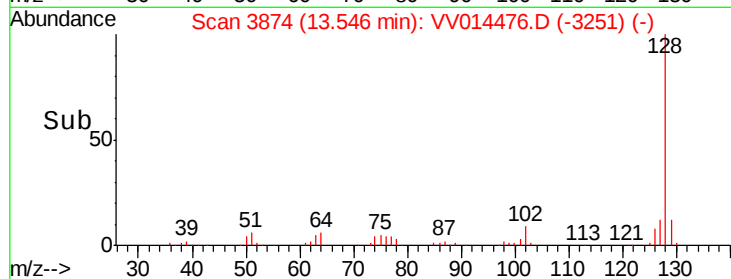
Tgt Ion:128 Resp: 110267

Ion Ratio Lower Upper

128 100

127 12.3 10.2 15.4

129 11.3 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

