

Data File : VV014475.D
Acq On : 01 Feb 2020 01:20
Operator : SY/MD
Sample : L1323-12 10X
Misc : 5.09g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAT50

Quant Time: Feb 01 02:42:43 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	410950	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	394709	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	196094	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	93589	41.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.02%
7) Chloroethane-d5	1.58	69	61211	43.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.28%
11) 1,1-Dichloroethene-d2	2.13	63	106541	34.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.94%
21) 2-Butanone-d5	3.92	46	166394	108.35	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.35%
24) Chloroform-d	4.40	84	213190	44.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.28%
26) 1,2-Dichloroethane-d4	5.08	65	143176	49.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.42%
32) Benzene-d6	5.10	84	471085	45.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.66%
36) 1,2-Dichloropropane-d6	6.11	67	149913	45.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.18%
41) Toluene-d8	7.36	98	446389	46.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.06%
43) trans-1,3-Dichloropropene-	7.66	79	78325	46.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.74%
47) 2-Hexanone-d5	8.13	63	142927	111.10	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.10%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	186812	44.10	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	173431	48.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.04%

Target Compounds

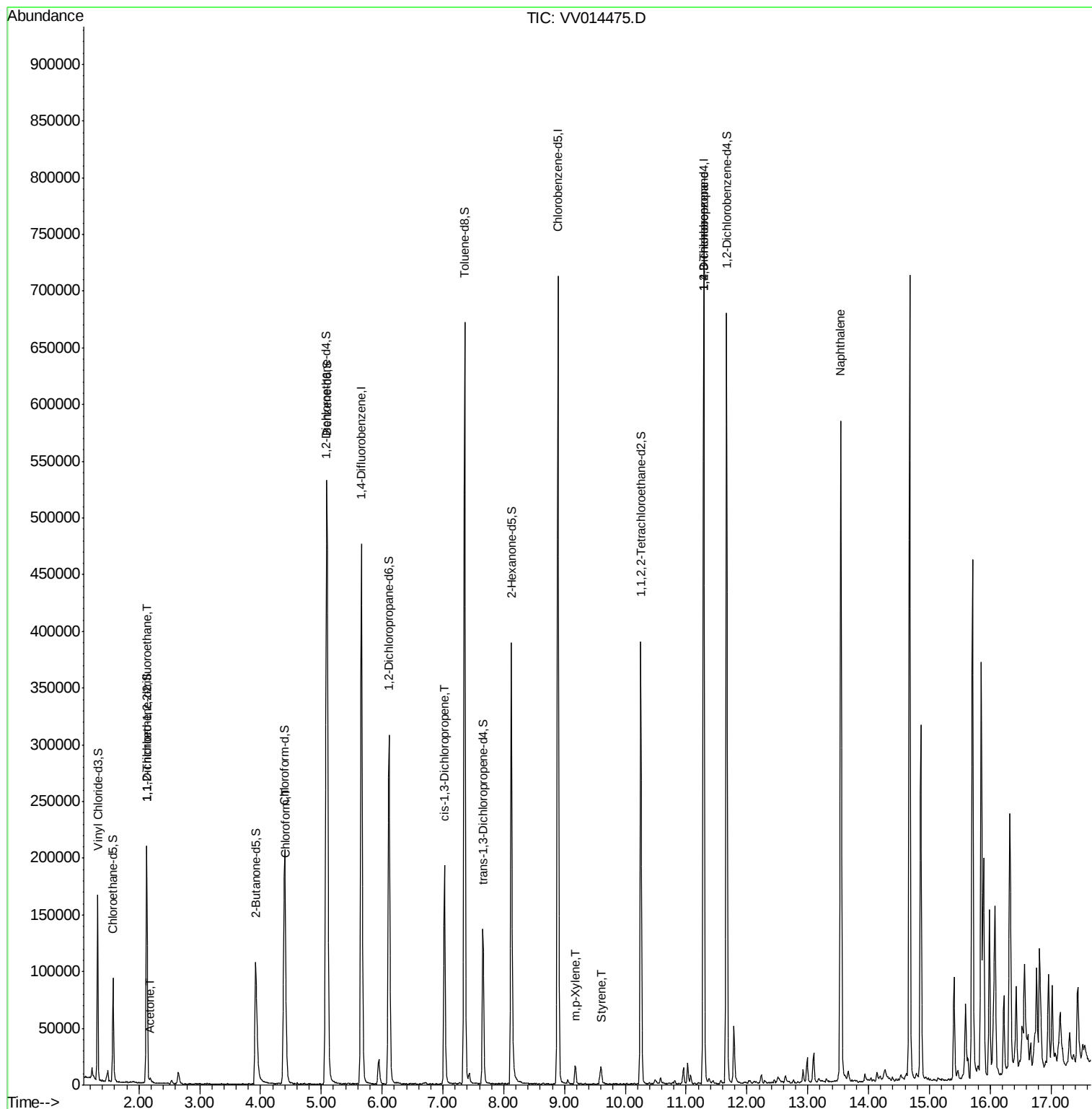
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1035	0.665 ug/L #	19
13) Acetone	2.19	43	3328	2.540 ug/L	98
25) Chloroform	4.42	83	6583	1.321 ug/L	93
39) cis-1,3-Dichloropropene	7.03	75	4356	0.910 ug/L #	66
53) m,p-Xylene	9.18	106	4596	0.900 ug/L	98
55) Styrene	9.60	104	6580	0.774 ug/L	97
59) 1,2,3-Trichloropropane	11.29	75	22764	6.618 ug/L	93
69) Naphthalene	13.54	128	461501	39.482 ug/L	100

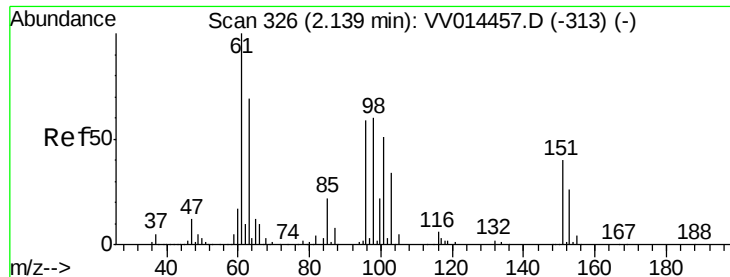
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.665 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV014475.D

Acq: 01 Feb 2020 01:20

Instrument :

MSVOA_V

ClientSampleId :

GAT50

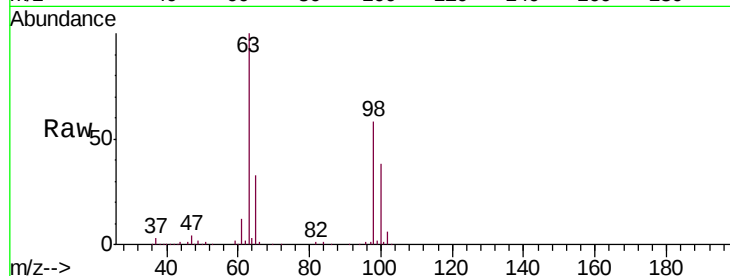
Tgt Ion: 101 Resp: 1035

Ion Ratio Lower Upper

101 100

85 0.0 34.6 51.8#

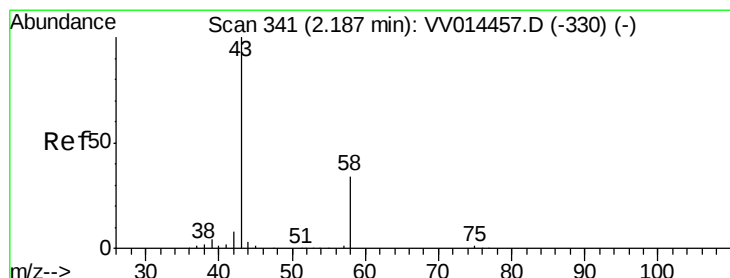
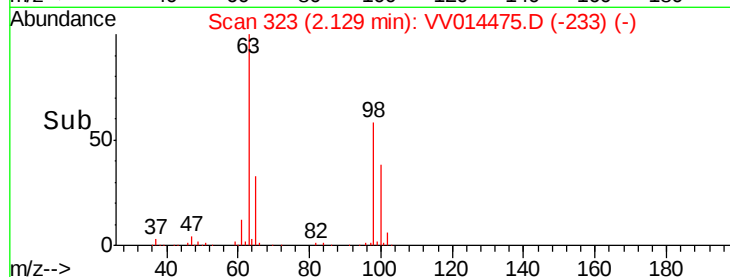
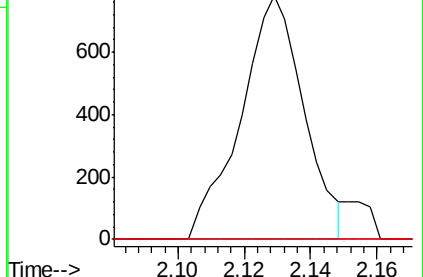
151 0.0 61.2 91.8#



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



#13

Acetone

Concen: 2.540 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.00 min

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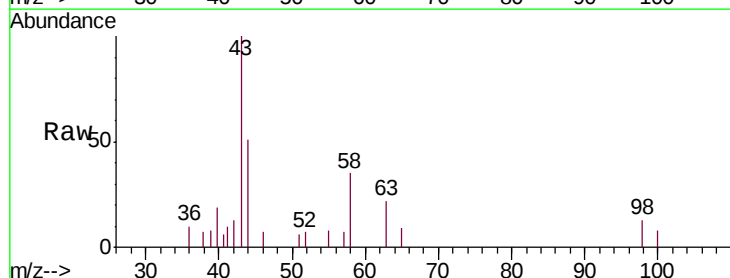
Acq: 01 Feb 2020 01:20

Tgt Ion: 43 Resp: 3328

Ion Ratio Lower Upper

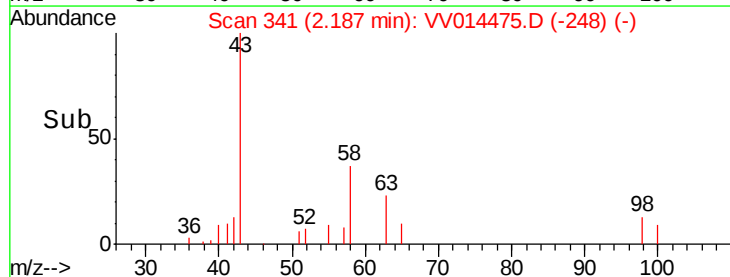
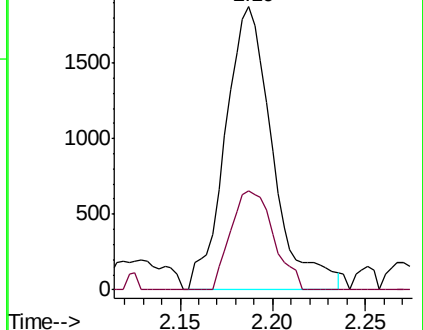
43 100

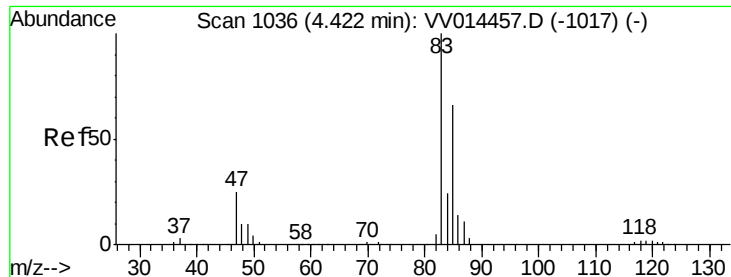
58 31.6 0.0 61.2



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

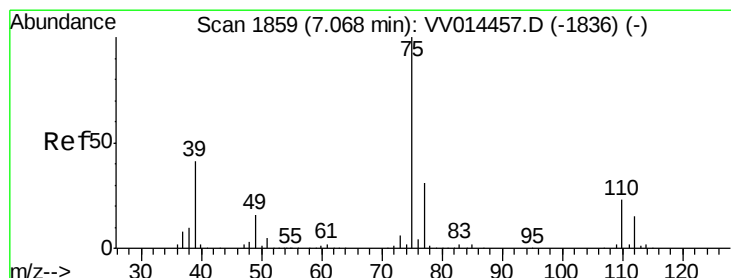
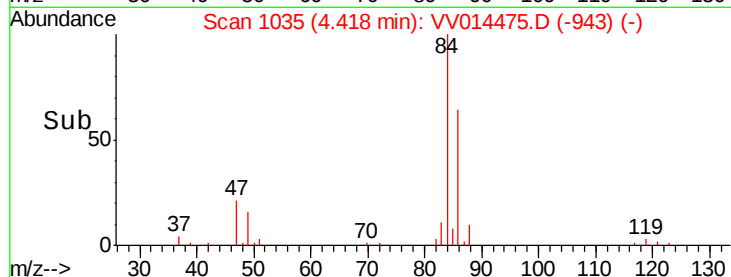
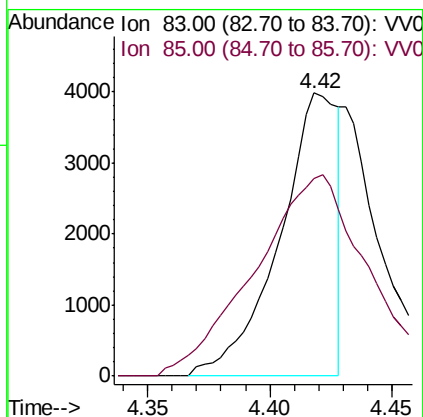
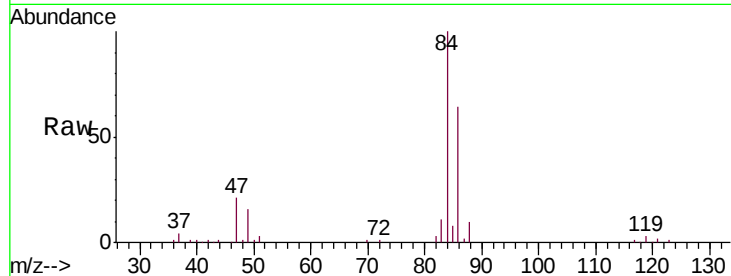




#25
Chloroform
Concen: 1.321 ug/L
RT: 4.42 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VV014475.D
Acq: 01 Feb 2020 01:20

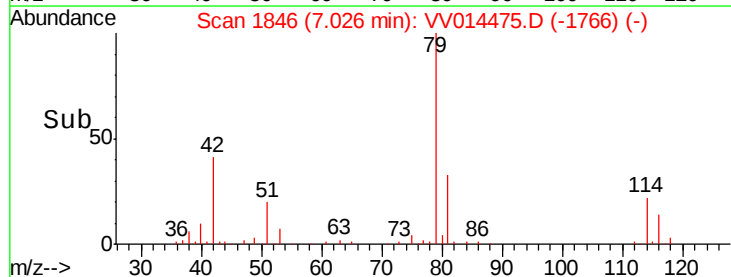
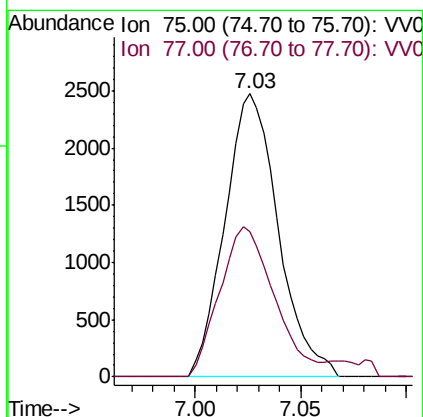
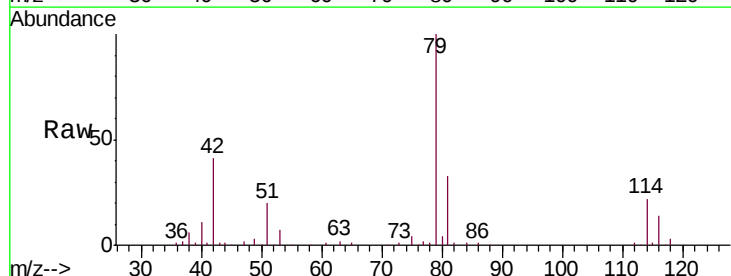
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GAT50

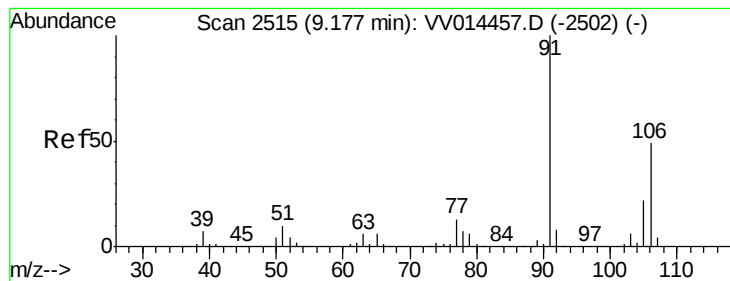
Tgt Ion: 83 Resp: 6583
Ion Ratio Lower Upper
83 100
85 69.8 45.1 83.7



#39
cis-1,3-Dichloropropene
Concen: 0.910 ug/L
RT: 7.03 min Scan# 1846
Delta R.T. -0.04 min
Lab File: VV014475.D
Acq: 01 Feb 2020 01:20

Tgt Ion: 75 Resp: 4356
Ion Ratio Lower Upper
75 100
77 51.5 22.7 42.3#





#53

m,p-Xylene

Concen: 0.900 ug/L

RT: 9.18 min Scan# 2515

Delta R.T. -0.00 min

Lab File: VV014475.D

Acq: 01 Feb 2020 01:20

Instrument :

MSVOA_V

ClientSampled :

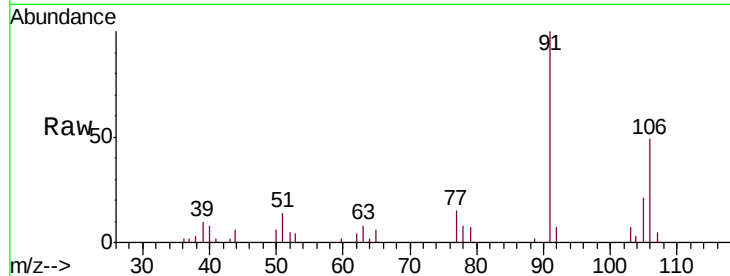
GAT50

Tgt Ion:106 Resp: 4596

Ion Ratio Lower Upper

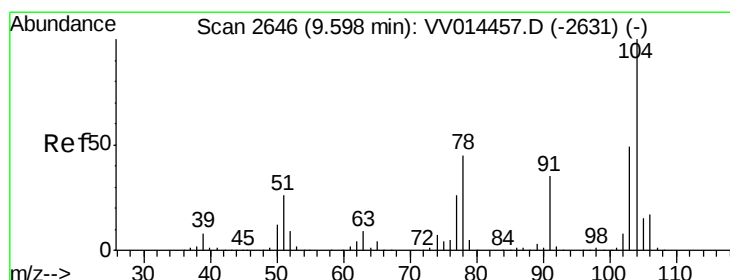
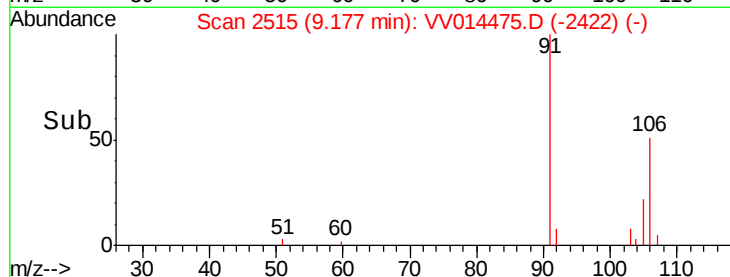
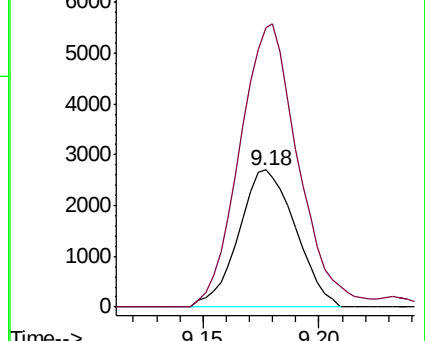
106 100

91 203.7 140.9 261.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0



#55

Styrene

Concen: 0.774 ug/L

RT: 9.60 min Scan# 2647

Delta R.T. 0.00 min

Lab File: VV014475.D

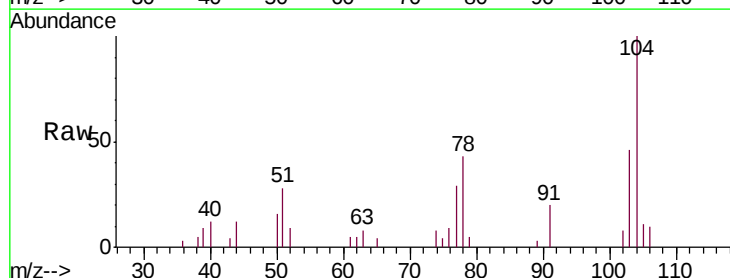
Acq: 01 Feb 2020 01:20

Tgt Ion:104 Resp: 6580

Ion Ratio Lower Upper

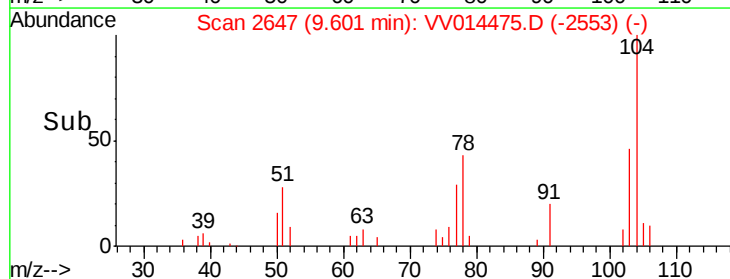
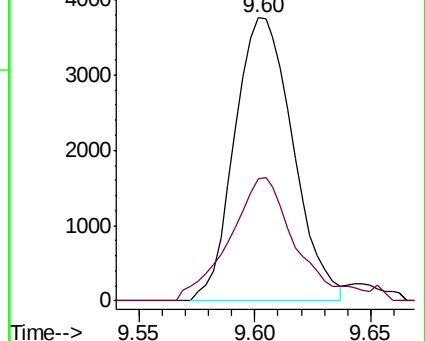
104 100

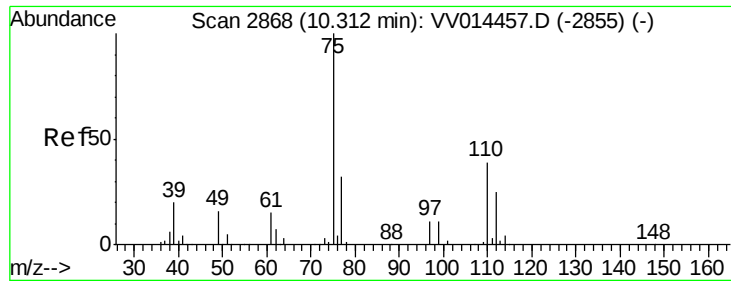
78 42.9 31.3 58.1



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VV0

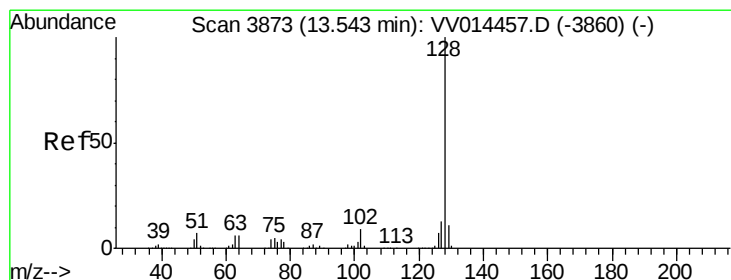
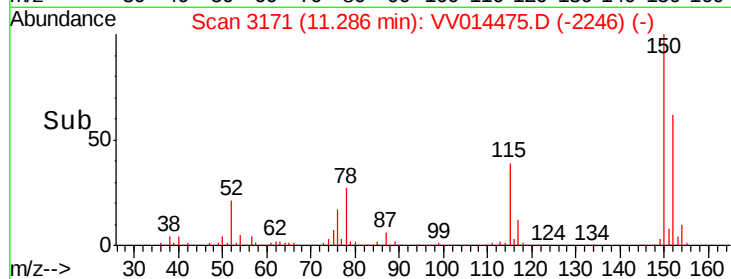
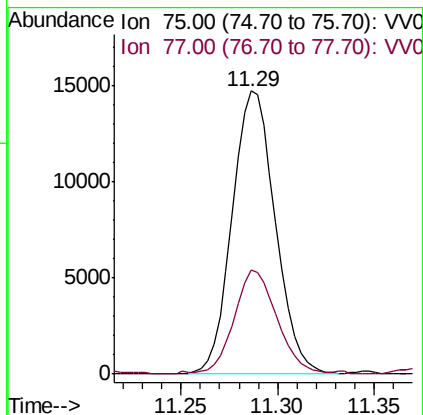
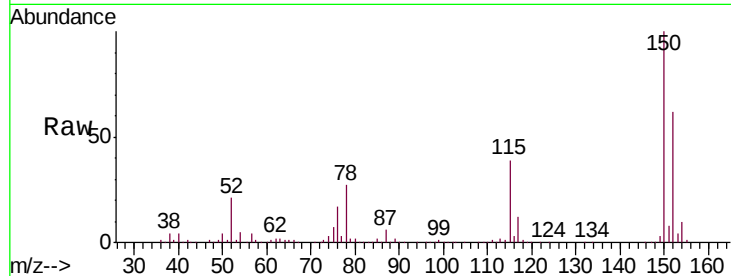




#59
 1,2,3-Trichloropropane
 Concen: 6.618 ug/L
 RT: 11.29 min Scan# 3171
 Delta R.T. 0.97 min
 Lab File: VV014475.D
 Acq: 01 Feb 2020 01:20

Instrument :
 MSVOA_V
 ClientSampleId :
 GAT50

Tgt Ion: 75 Resp: 22764
 Ion Ratio Lower Upper
 75 100
 77 36.6 25.9 38.9



#69
 Naphthalene
 Concen: 39.482 ug/L
 RT: 13.54 min Scan# 3873
 Delta R.T. -0.00 min
 Lab File: VV014475.D
 Acq: 01 Feb 2020 01:20

Tgt Ion: 128 Resp: 461501
 Ion Ratio Lower Upper
 128 100
 127 12.8 10.2 15.4
 129 10.7 8.6 13.0

