

Data File : VV014467.D
Acq On : 31 Jan 2020 22:10
Operator : SY/MD
Sample : L1324-05
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAT62

Quant Time: Feb 01 02:41:41 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	436646	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	427536	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	236638	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	122748	50.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.24%
7) Chloroethane-d5	1.55	69	37321	24.75	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	49.50%#
11) 1,1-Dichloroethene-d2	2.10	63	113028	34.91	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.82%
21) 2-Butanone-d5	3.93	46	160072	98.10	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.10%
24) Chloroform-d	4.39	84	224794	43.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.60%
26) 1,2-Dichloroethane-d4	5.07	65	145792	47.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.32%
32) Benzene-d6	5.09	84	491334	43.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.30%
36) 1,2-Dichloropropane-d6	6.11	67	156584	43.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.92%
41) Toluene-d8	7.35	98	462464	44.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.00%
43) trans-1,3-Dichloropropene-	7.66	79	81467	45.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.00%
47) 2-Hexanone-d5	8.14	63	156982	112.65	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.65%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	225930	49.24	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.48%
64) 1,2-Dichlorobenzene-d4	11.67	152	197301	45.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.54%

Target Compounds

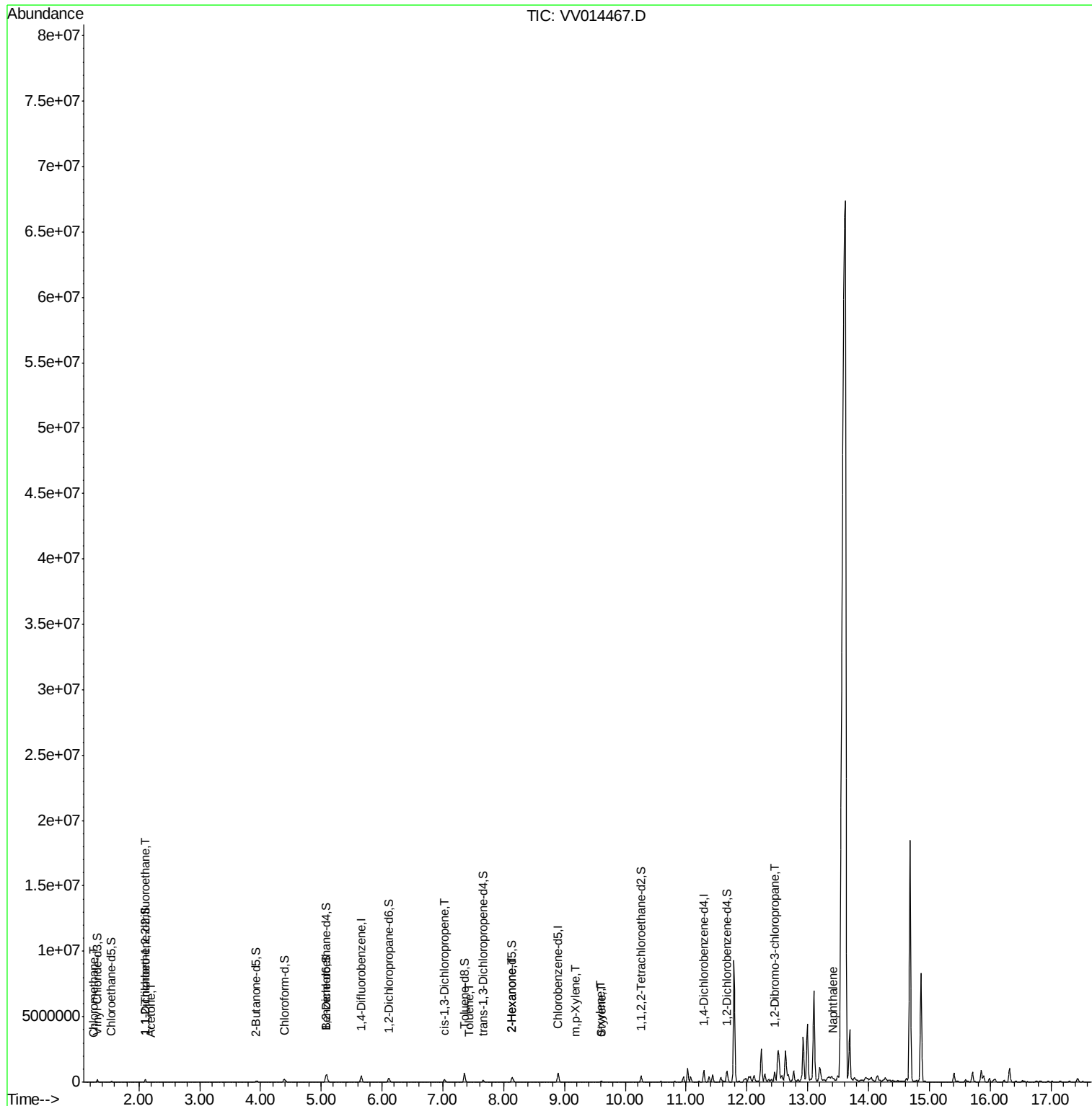
					Qvalue
3) Chloromethane	1.25	50	3871	1.016 ug/L	90
10) 1,1,2-Trichloro-1,2,2-trif	2.10	101	1195	0.723 ug/L #	19
13) Acetone	2.20	43	1988	1.428 ug/L	81
39) cis-1,3-Dichloropropene	7.03	75	4605	0.888 ug/L #	62
42) Toluene	7.43	91	19892	1.506 ug/L	95
48) 2-Hexanone	8.13	43	16129	5.410 ug/L #	63
53) m,p-Xylene	9.18	106	5535	1.000 ug/L	86
54) o-xylene	9.59	106	5081	0.927 ug/L	92
55) Styrene	9.61	104	25411	2.761 ug/L	95
66) 1,2-Dibromo-3-chloropropan	12.45	75	2229	1.949 ug/L #	3
69) Naphthalene	13.42	128	39818	2.823 ug/L #	1

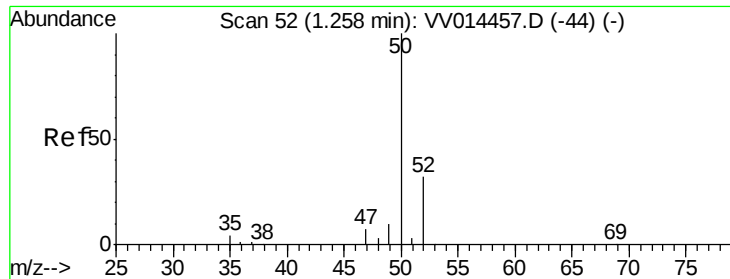
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 1.016 ug/L

RT: 1.25 min Scan# 50

Delta R.T. -0.01 min

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Instrument :

MSVOA_V

ClientSampleId :

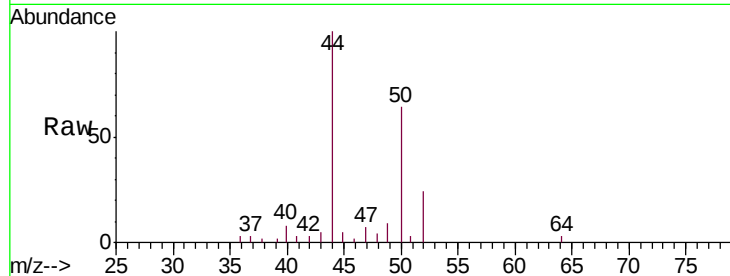
GAT62

Tgt Ion: 50 Resp: 3871

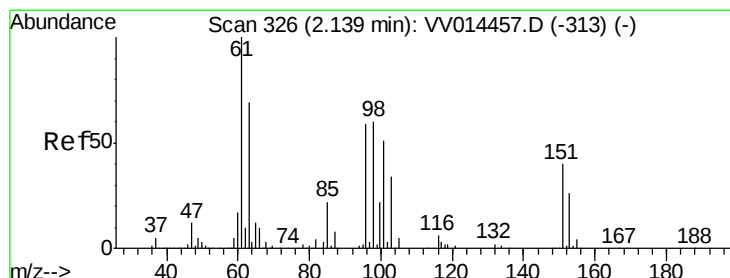
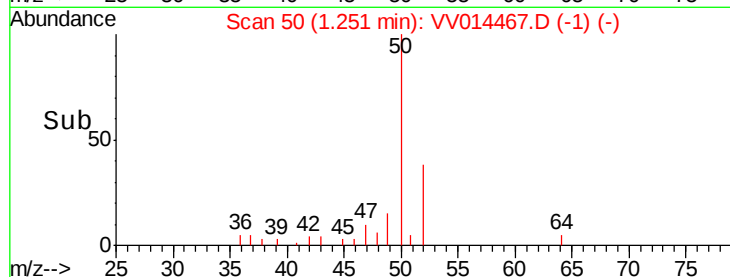
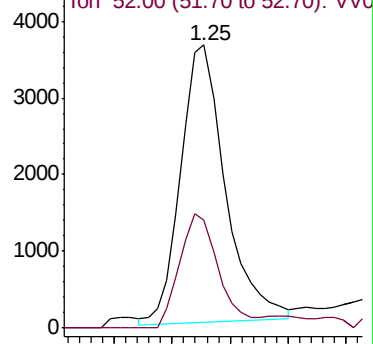
Ion Ratio Lower Upper

50 100

52 38.2 22.8 42.4



Abundance Ion 50.00 (49.70 to 50.70): VV014457.D (-44) (-)



#10

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

Concen: 0.723 ug/L

RT: 2.10 min Scan# 315

Delta R.T. -0.04 min

Lab File: VV014467.D

Acq: 31 Jan 2020 22:10

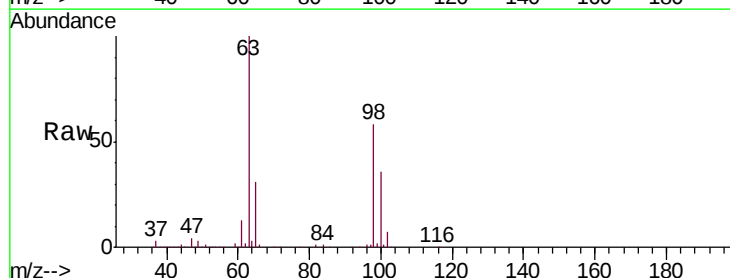
Tgt Ion: 101 Resp: 1195

Ion Ratio Lower Upper

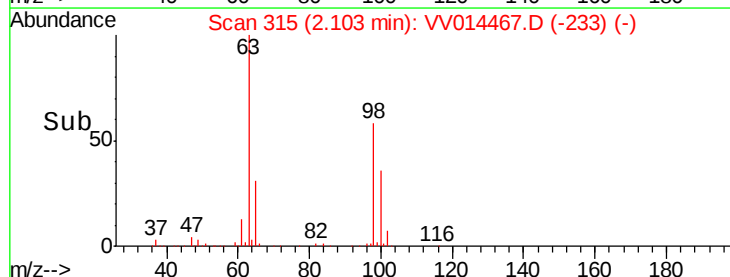
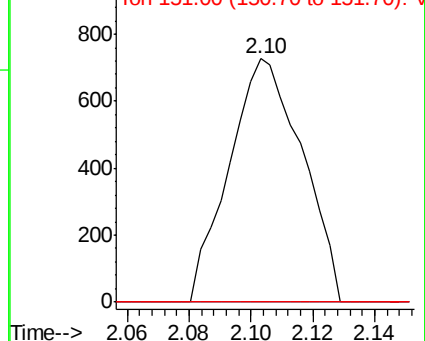
101 100

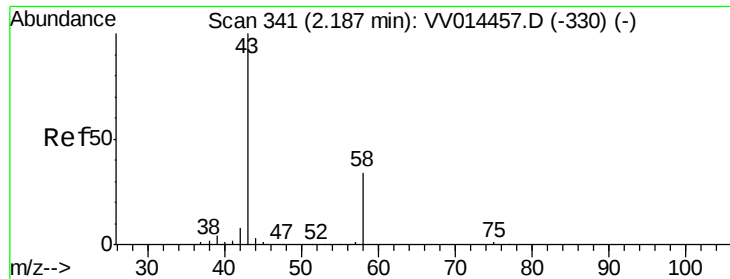
85 0.0 34.6 51.8#

151 0.0 61.2 91.8#



Abundance Ion 101.00 (100.70 to 101.70): VV014457.D (-313) (-)





#13

Acetone

Concen: 1.428 ug/L

RT: 2.20 min Scan# 345

Delta R.T. 0.01 min

Lab File: VV014467.D

Acq: 31 Jan 2020 22:10

Instrument :

MSVOA_V

ClientSampleId :

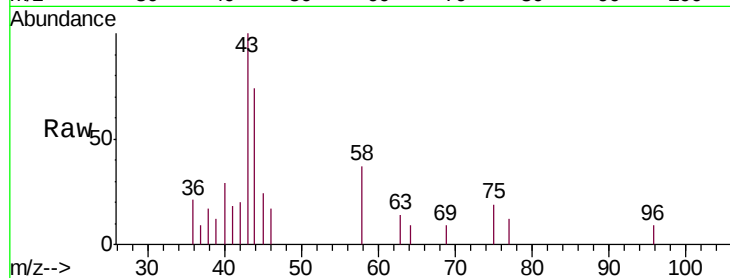
GAT62

Tgt Ion: 43 Resp: 1988

Ion Ratio Lower Upper

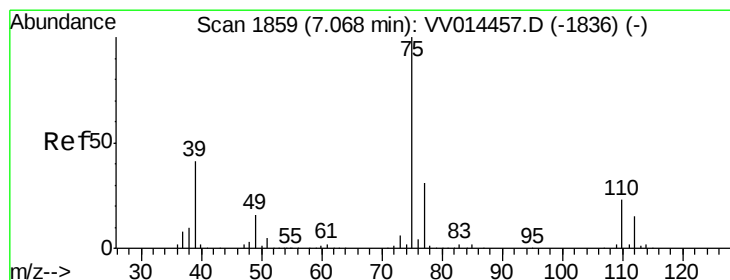
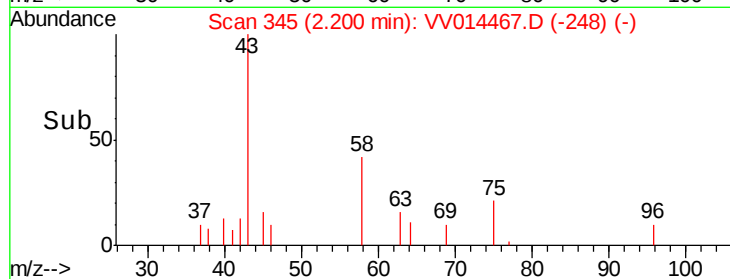
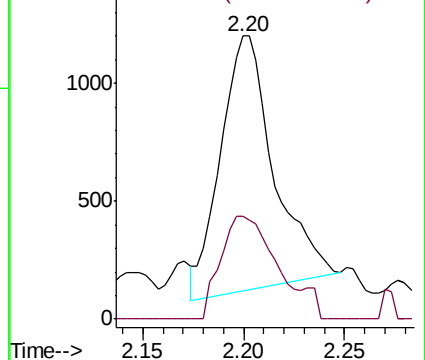
43 100

58 41.1 0.0 61.2



Abundance Ion 43.00 (42.70 to 43.70): VV014467.D (-248) (-)

Ion 58.00 (57.70 to 58.70): VV014467.D (-248) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.888 ug/L

RT: 7.03 min Scan# 1846

Delta R.T. -0.04 min

Lab File: VV014467.D

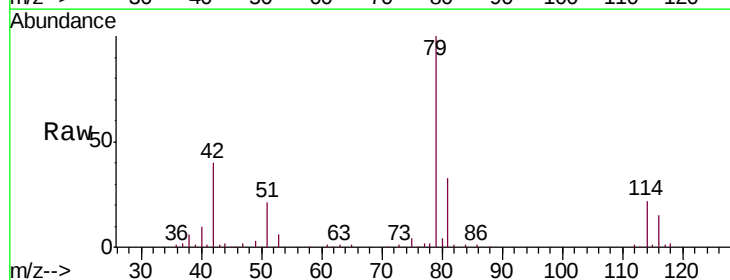
Acq: 31 Jan 2020 22:10

Tgt Ion: 75 Resp: 4605

Ion Ratio Lower Upper

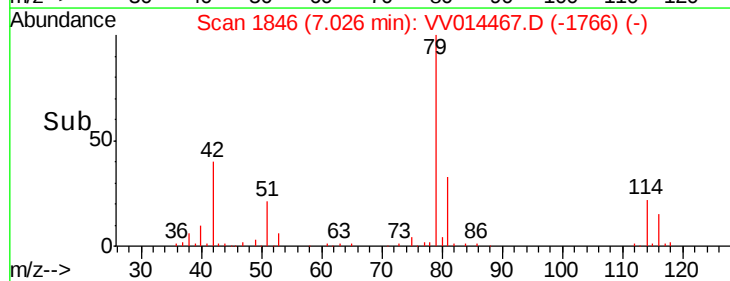
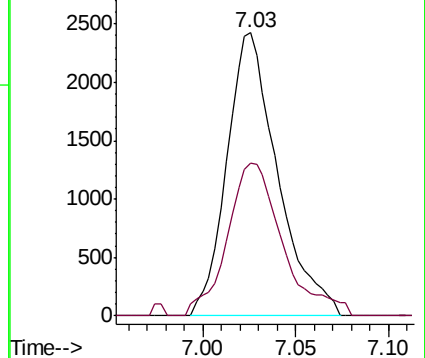
75 100

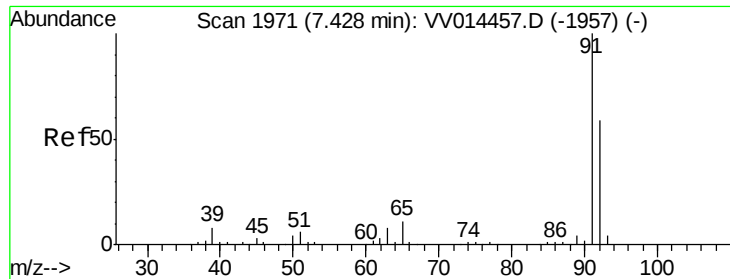
77 53.9 22.7 42.3#



Abundance Ion 75.00 (74.70 to 75.70): VV014467.D (-1766) (-)

Ion 77.00 (76.70 to 77.70): VV014467.D (-1766) (-)





#42

Toluene

Concen: 1.506 ug/L

RT: 7.43 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VV014467.D

Acq: 31 Jan 2020 22:10

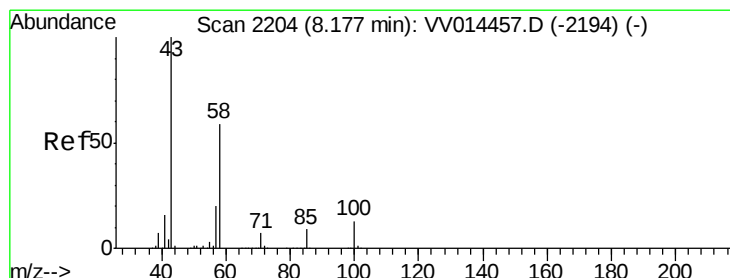
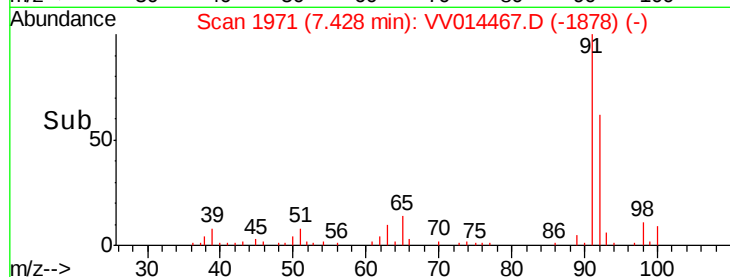
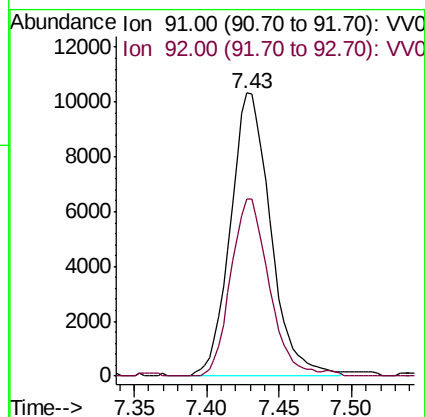
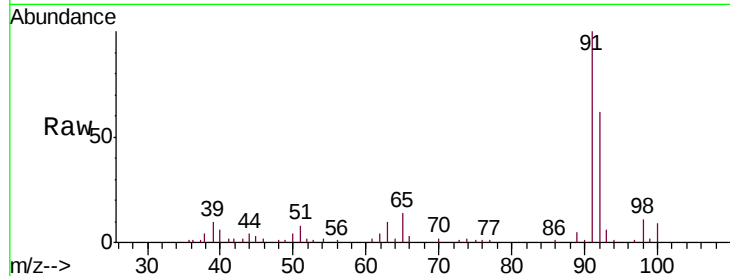
Instrument :
MSVOA_V
ClientSampleId :
GAT62

Tgt Ion: 91 Resp: 19892

Ion Ratio Lower Upper

91 100

92 62.5 41.0 76.2



#48

2-Hexanone

Concen: 5.410 ug/L

RT: 8.13 min Scan# 2191

Delta R.T. -0.04 min

Lab File: VV014467.D

Acq: 31 Jan 2020 22:10

Tgt Ion: 43 Resp: 16129

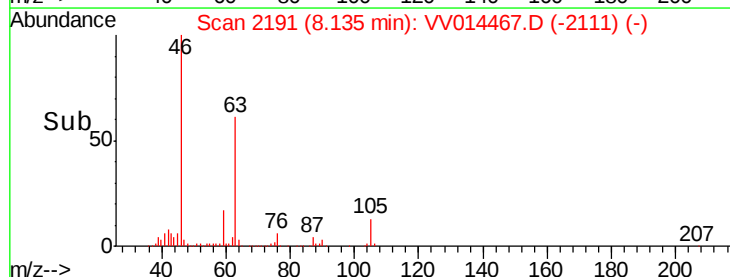
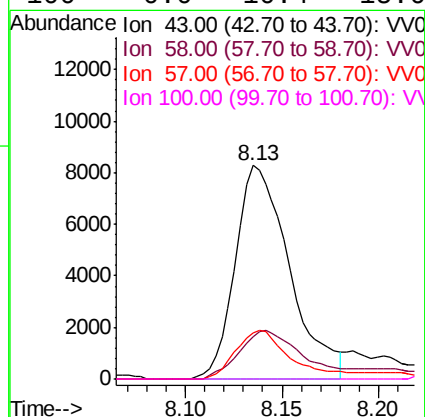
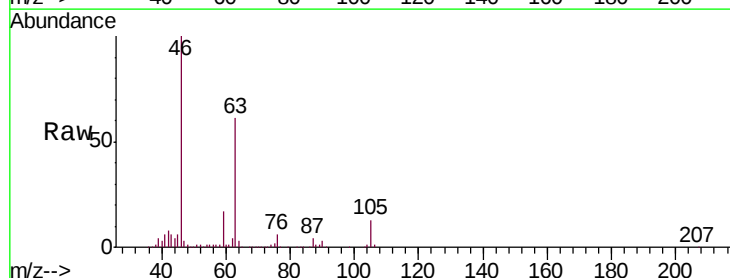
Ion Ratio Lower Upper

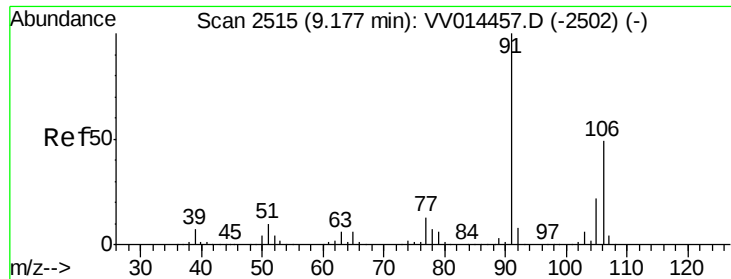
43 100

58 26.0 48.0 72.0#

57 25.0 15.0 22.6#

100 0.0 10.4 15.6#

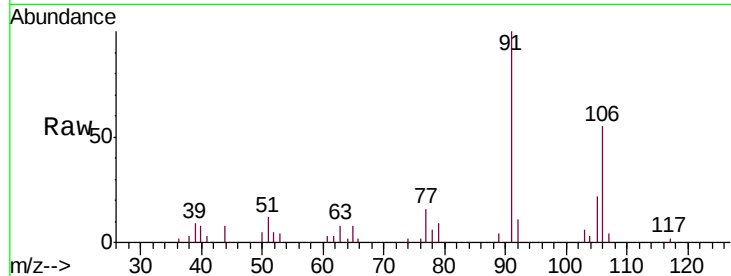




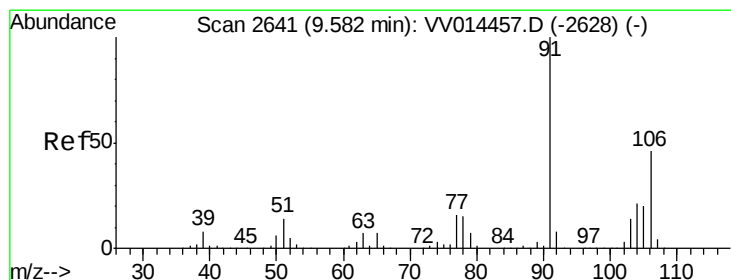
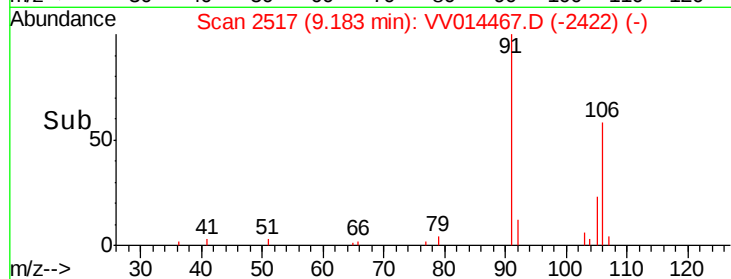
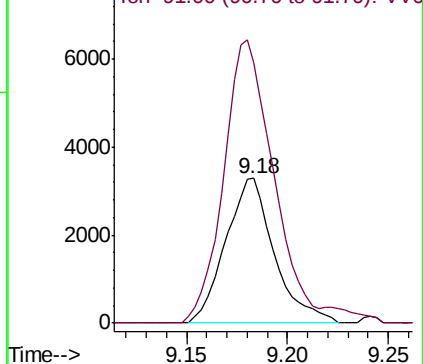
#53
m,p-Xylene
Concen: 1.000 ug/L
RT: 9.18 min Scan# 2517
Delta R.T. 0.01 min
Lab File: VV014467.D
Acq: 31 Jan 2020 22:10

Instrument :
MSVOA_V
ClientSampled :
GAT62

Tgt Ion:106 Resp: 5535
Ion Ratio Lower Upper
106 100
91 180.4 140.9 261.7

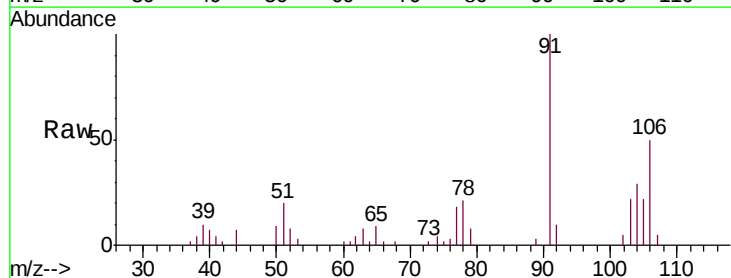


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VV0

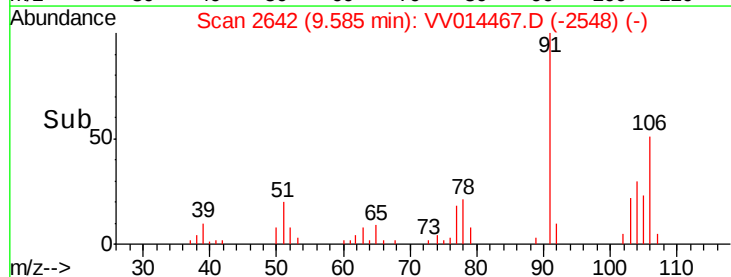
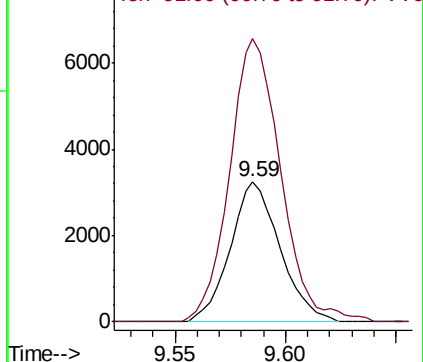


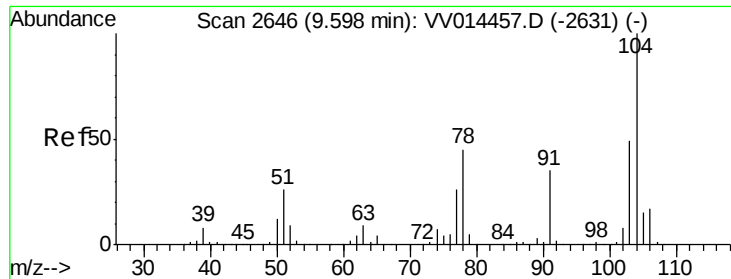
#54
o-xylene
Concen: 0.927 ug/L
RT: 9.59 min Scan# 2642
Delta R.T. 0.00 min
Lab File: VV014467.D
Acq: 31 Jan 2020 22:10

Tgt Ion:106 Resp: 5081
Ion Ratio Lower Upper
106 100
91 201.7 150.4 279.2



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VV0

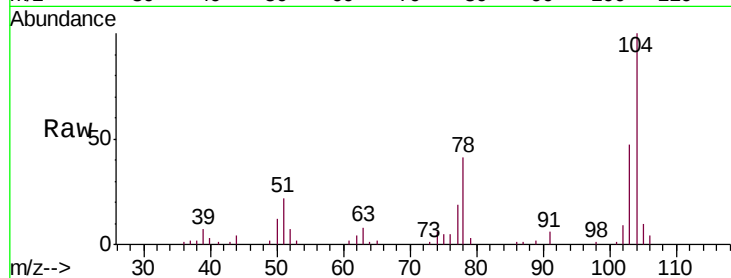




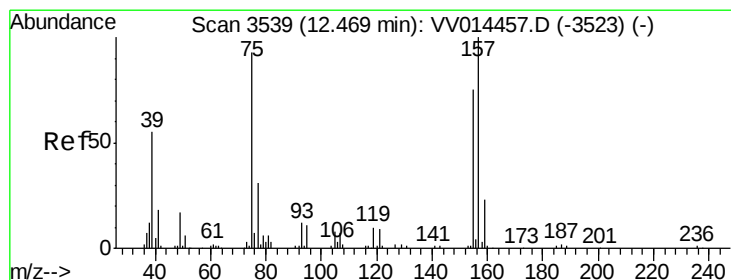
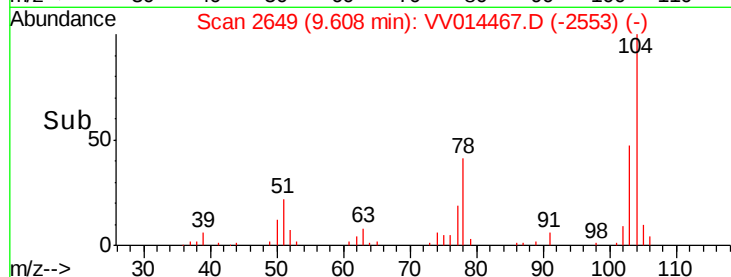
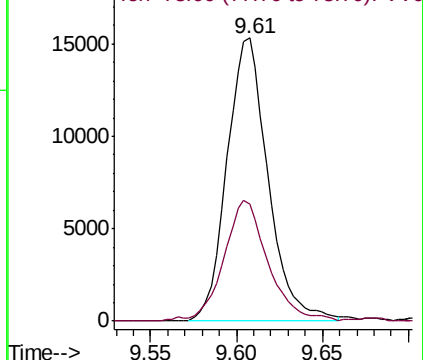
#55
Styrene
Concen: 2.761 ug/L
RT: 9.61 min Scan# 2649
Delta R.T. 0.01 min
Lab File: VV014467.D
Acq: 31 Jan 2020 22:10

Instrument :
MSVOA_V
ClientSampleId :
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Tgt Ion:104 Resp: 25411
Ion Ratio Lower Upper
104 100
78 41.1 31.3 58.1

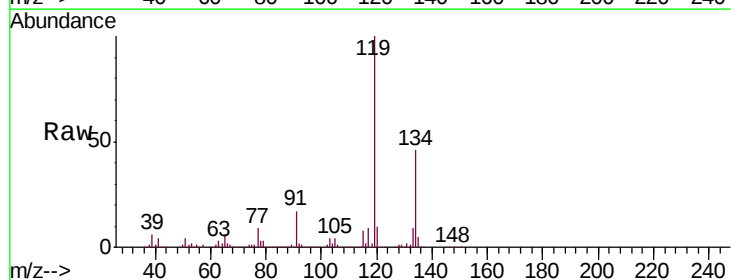


Abundance Ion 104.00 (103.70 to 104.70): VV014457.D (-2631) (-)
Ion 78.00 (77.70 to 78.70): VV014457.D (-2631) (-)

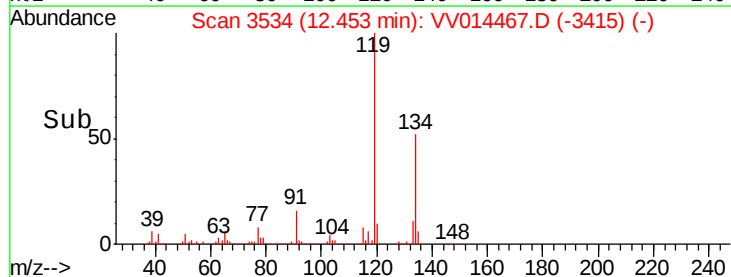
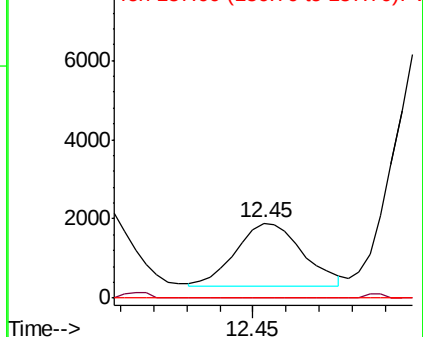


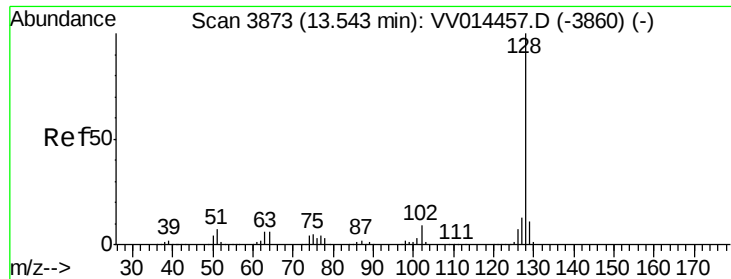
#66
1,2-Dibromo-3-chloropropane
Concen: 1.949 ug/L
RT: 12.45 min Scan# 3534
Delta R.T. -0.02 min
Lab File: VV014467.D
Acq: 31 Jan 2020 22:10

Tgt Ion: 75 Resp: 2229
Ion Ratio Lower Upper
75 100
155 0.0 64.2 96.2#
157 0.0 83.4 125.2#



Abundance Ion 75.00 (74.70 to 75.70): VV014457.D (-3523) (-)
Ion 155.00 (154.70 to 155.70): VV014457.D (-3523) (-)
Ion 157.00 (156.70 to 157.70): VV014457.D (-3523) (-)





#69

Naphthalene

Concen: 2.823 ug/L

RT: 13.42 min Scan# 3836

Delta R.T. -0.12 min

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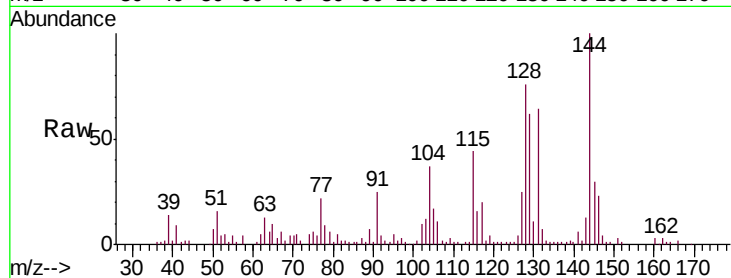
Acq: 31 Jan 2020 22:10

Instrument :

MSVOA_V

ClientSampleId :

GAT62



Tgt Ion:	128	Resp:	39818
Ion	Ratio	Lower	Upper
128	100		
127	33.3	10.2	15.4#
129	83.6	8.6	13.0#

