

Data File : VV014462.D
Acq On : 31 Jan 2020 20:11
Operator : SY/MD
Sample : L1324-04 20X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAT61

Quant Time: Feb 01 02:40:59 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	436682	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	405214	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	196968	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	99980	41.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.46%
7) Chloroethane-d5	1.58	69	71203	47.22	ug/L	0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.44%
11) 1,1-Dichloroethene-d2	2.13	63	114851	35.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.94%
21) 2-Butanone-d5	3.92	46	170987	104.78	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.78%
24) Chloroform-d	4.40	84	231953	45.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.38%
26) 1,2-Dichloroethane-d4	5.08	65	150882	48.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.60%
32) Benzene-d6	5.10	84	505289	47.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.72%
36) 1,2-Dichloropropane-d6	6.11	67	160290	47.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.96%
41) Toluene-d8	7.36	98	467706	47.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.96%
43) trans-1,3-Dichloropropene-	7.66	79	81604	47.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.12%
47) 2-Hexanone-d5	8.12	63	145072	109.84	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.84%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	205099	47.16	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.32%
64) 1,2-Dichlorobenzene-d4	11.67	152	176198	48.57	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.14%

Target Compounds

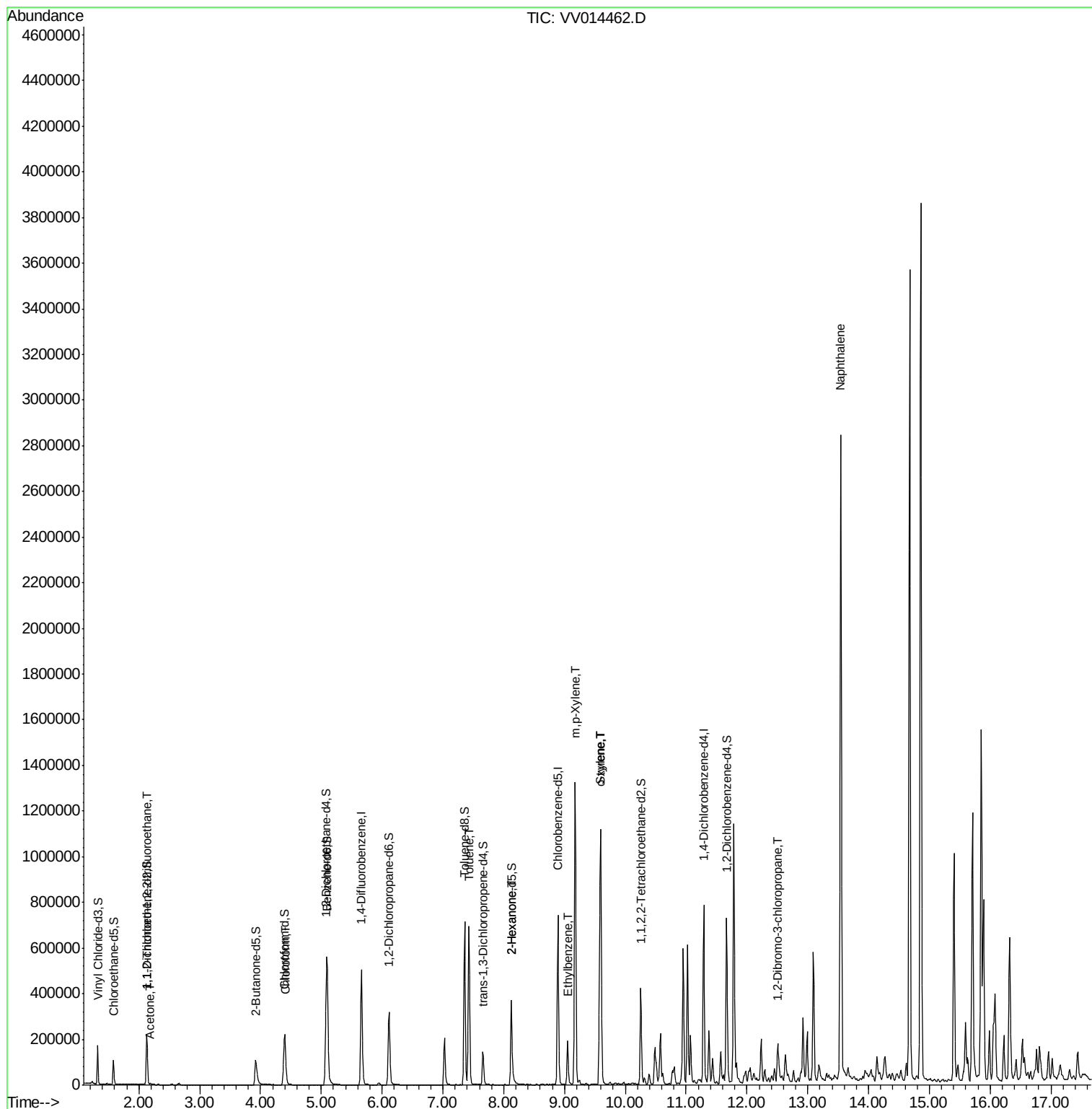
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	1316	0.796 ug/L #	19
13) Acetone	2.19	43	2061	1.480 ug/L	89
25) Chloroform	4.41	83	4074	0.769 ug/L #	65
42) Toluene	7.43	91	500084	39.955 ug/L	100
48) 2-Hexanone	8.12	43	16377	5.796 ug/L #	64
52) Ethylbenzene	9.05	91	136762	9.736 ug/L	98
53) m,p-Xylene	9.17	106	370201	70.575 ug/L	97
54) o-xylene	9.58	106	167523	32.231 ug/L	99
55) Styrene	9.60	104	436969	50.094 ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.52	75	2083	2.188 ug/L #	3
69) Naphthalene	13.54	128	2168104	184.663 ug/L	100

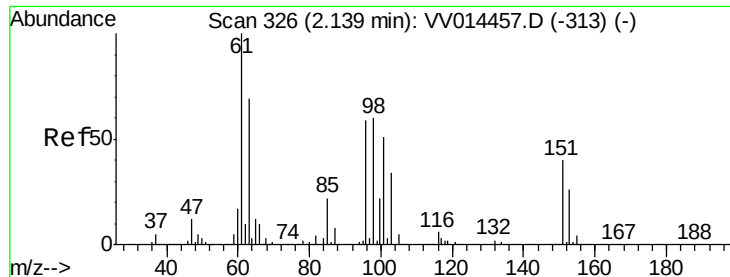
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.796 ug/L

RT: 2.14 min Scan# 325

Delta R.T. -0.00 min

Lab File: VV014462.D

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Instrument :

MSVOA_V

ClientSampled :

GAT61

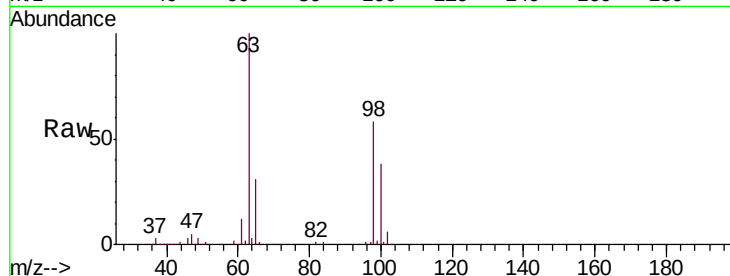
Tgt Ion: 101 Resp: 1316

Ion Ratio Lower Upper

101 100

85 0.0 34.6 51.8#

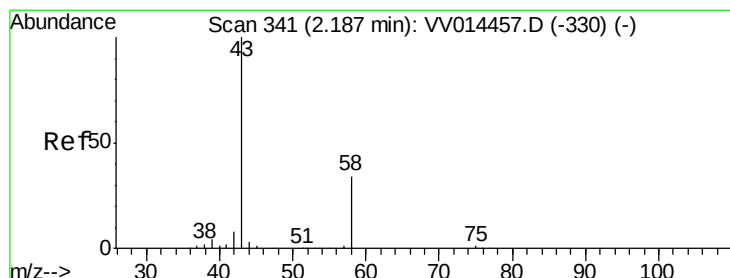
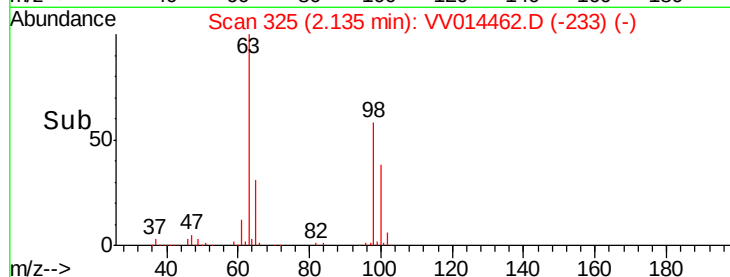
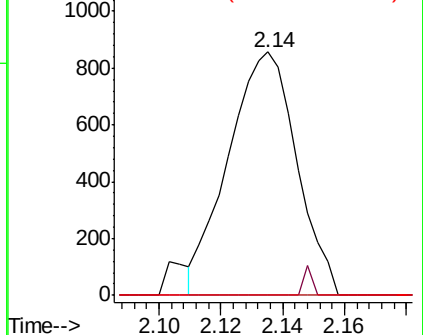
151 0.0 61.2 91.8#



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: 1.480 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.00 min

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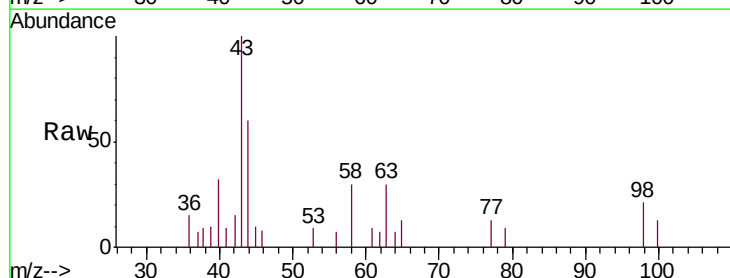
Acq: 31 Jan 2020 20:11

Tgt Ion: 43 Resp: 2061

Ion Ratio Lower Upper

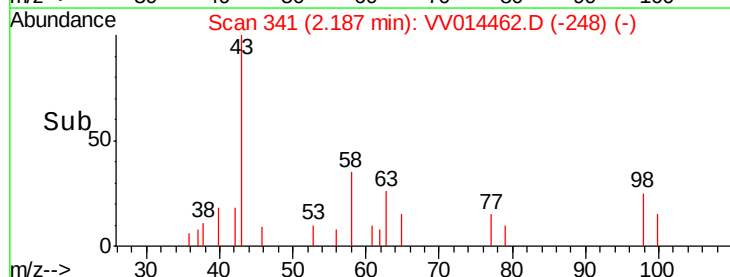
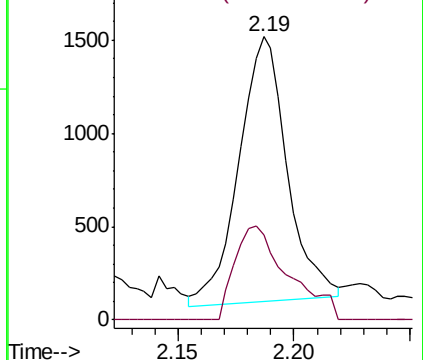
43 100

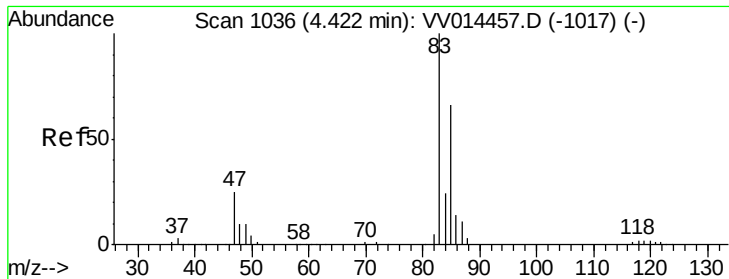
58 36.6 0.0 61.2



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

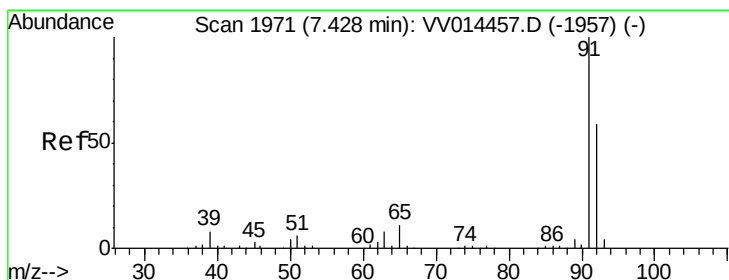
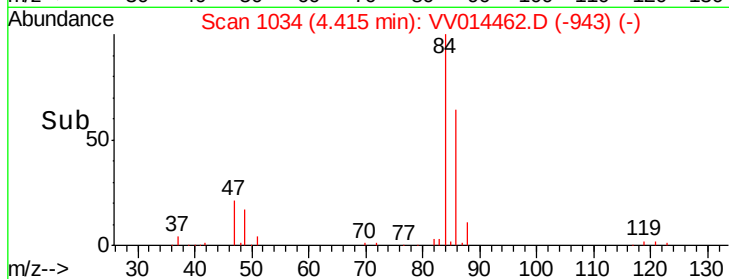
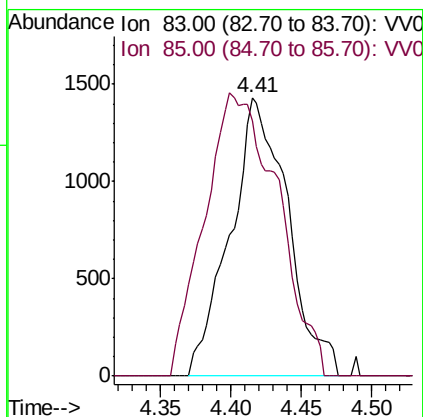
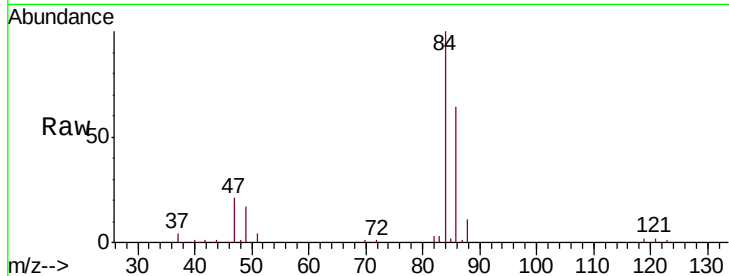




#25
Chloroform
Concen: 0.769 ug/L
RT: 4.41 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VV014462.D
Acq: 31 Jan 2020 20:11

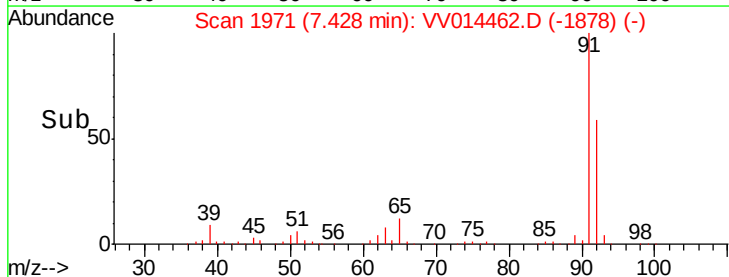
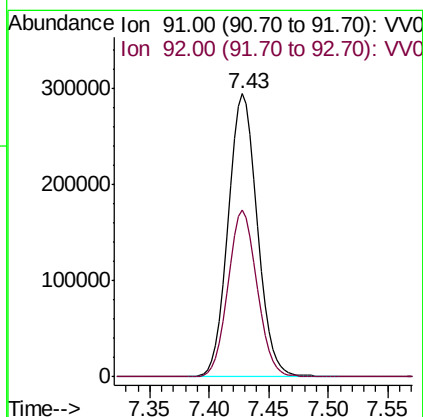
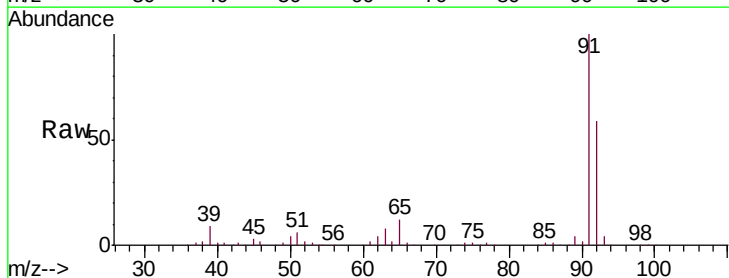
Instrument :
MSVOA_V
ClientSampleId :
GAT61

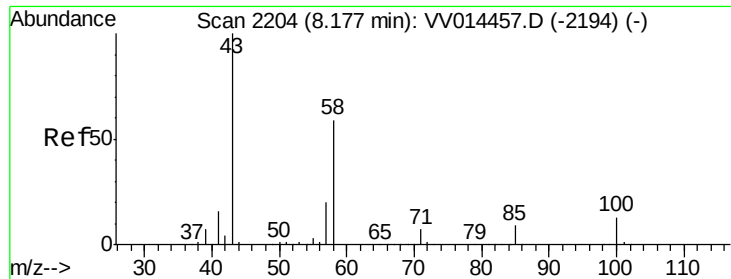
Tgt Ion: 83 Resp: 4074
Ion Ratio Lower Upper
83 100
85 91.5 45.1 83.7#



#42
Toluene
Concen: 39.955 ug/L
RT: 7.43 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VV014462.D
Acq: 31 Jan 2020 20:11

Tgt Ion: 91 Resp: 500084
Ion Ratio Lower Upper
91 100
92 58.9 41.0 76.2

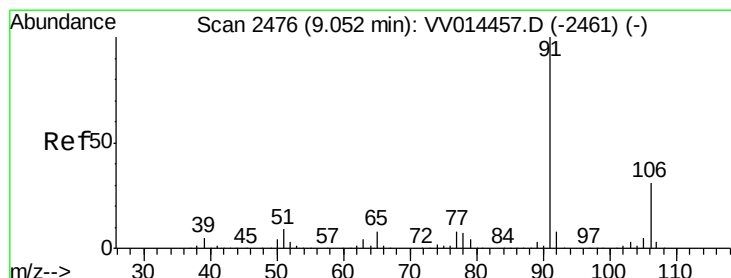
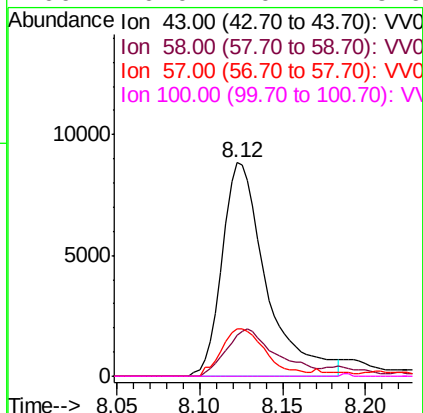
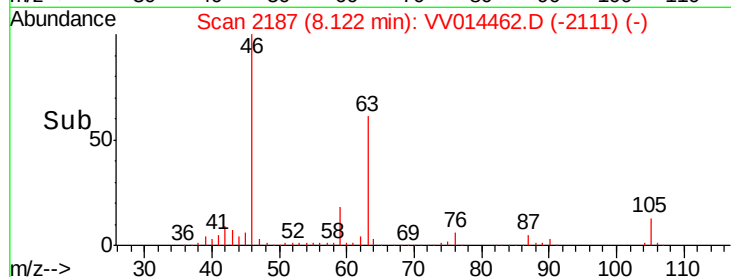
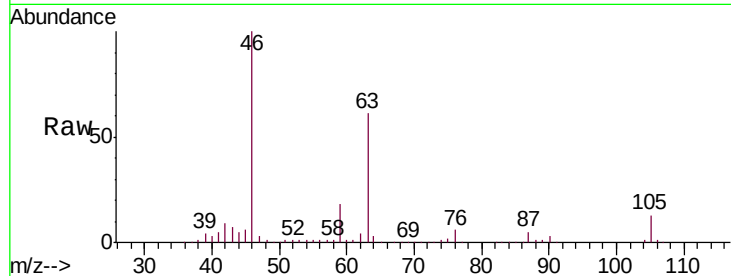




#48
2-Hexanone
Concen: 5.796 ug/L
RT: 8.12 min Scan# 2187
Delta R.T. -0.05 min
Lab File: VV014462.D
Acq: 31 Jan 2020 20:11

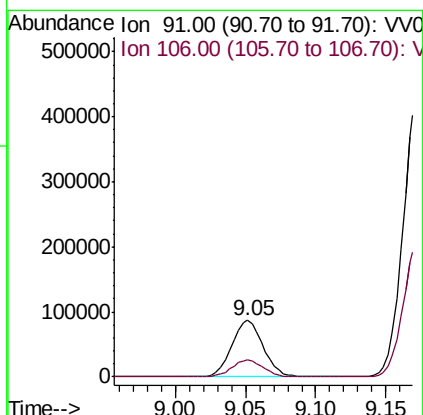
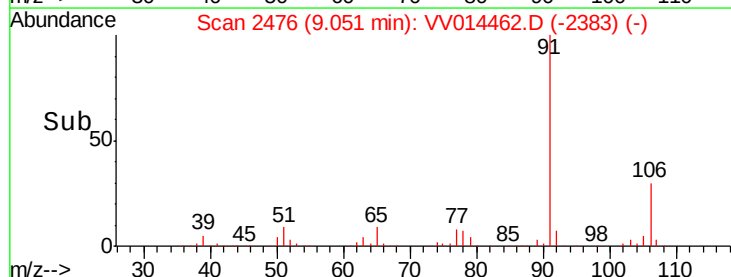
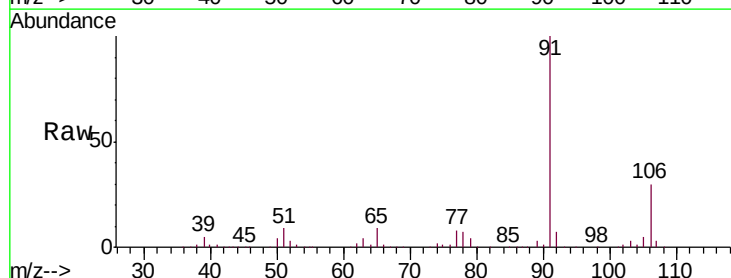
Instrument :
MSVOA_V
ClientSampled :
GAT61

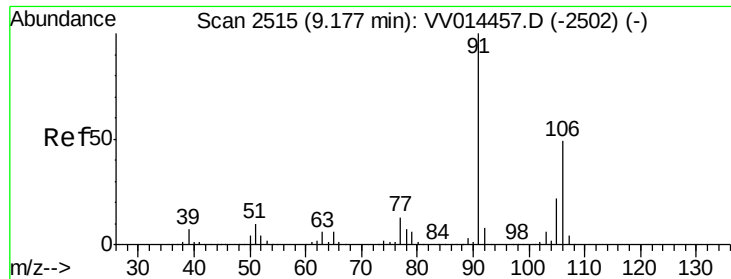
Tgt Ion:	43	Resp:	16377
Ion	Ratio	Lower	Upper
43	100		
58	25.3	48.0	72.0#
57	22.4	15.0	22.6
100	0.0	10.4	15.6#



#52
Ethylbenzene
Concen: 9.736 ug/L
RT: 9.05 min Scan# 2476
Delta R.T. -0.00 min
Lab File: VV014462.D
Acq: 31 Jan 2020 20:11

Tgt Ion:	91	Resp:	136762
Ion	Ratio	Lower	Upper
91	100		
106	30.1	21.8	40.6

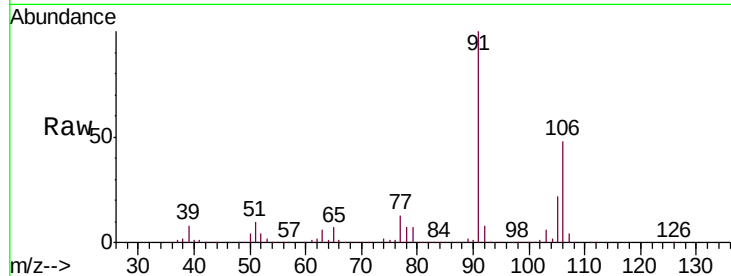




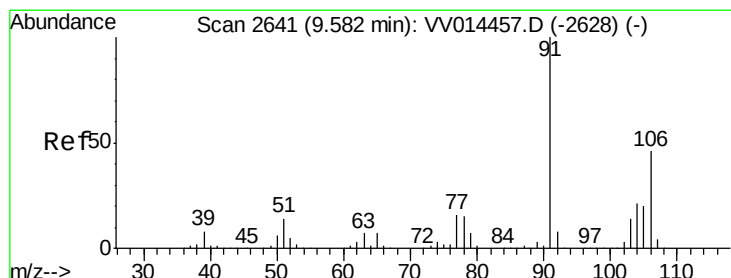
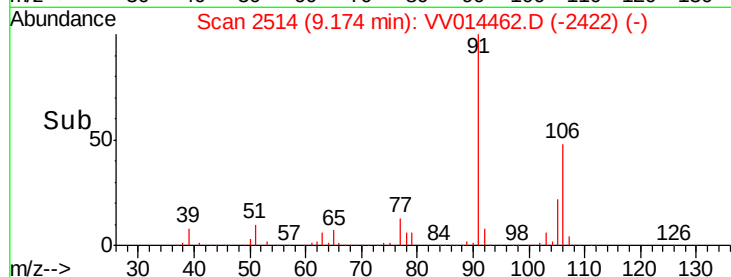
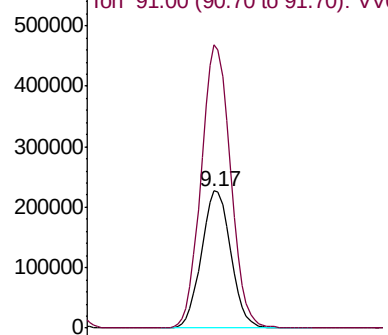
#53
m,p-Xylene
Concen: 70.575 ug/L
RT: 9.17 min Scan# 2514
Delta R.T. -0.00 min
Lab File: VV014462.D
Acq: 31 Jan 2020 20:11

Instrument :
MSVOA_V
ClientSampleId :
GAT61

Tgt Ion:106 Resp: 370201
Ion Ratio Lower Upper
106 100
91 206.4 140.9 261.7

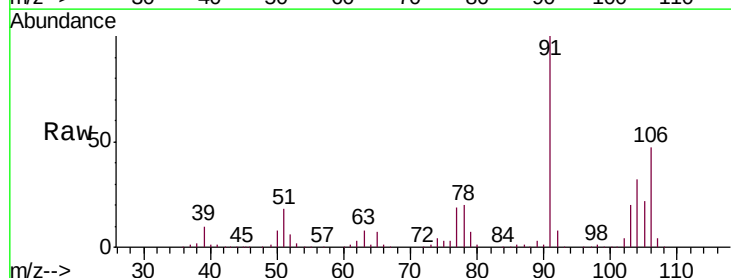


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VV0

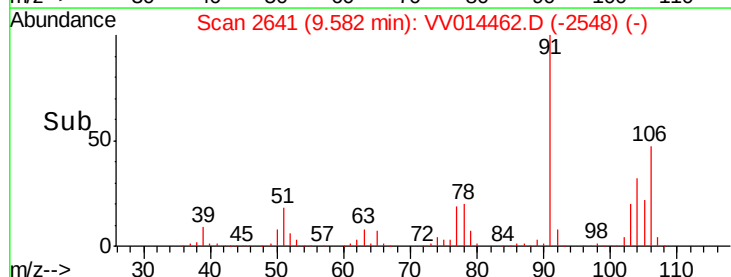
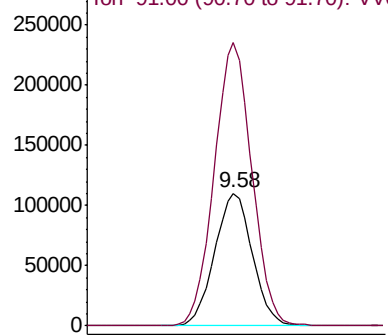


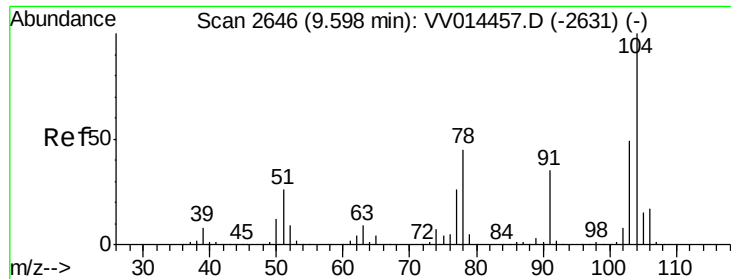
#54
o-xylene
Concen: 32.231 ug/L
RT: 9.58 min Scan# 2641
Delta R.T. -0.00 min
Lab File: VV014462.D
Acq: 31 Jan 2020 20:11

Tgt Ion:106 Resp: 167523
Ion Ratio Lower Upper
106 100
91 213.1 150.4 279.2



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





#55

Styrene

Concen: 50.094 ug/L

RT: 9.60 min Scan# 2646

Delta R.T. -0.00 min

Lab File: VV014462.D

Acq: 31 Jan 2020 20:11

Instrument :

MSVOA_V

ClientSampleId :

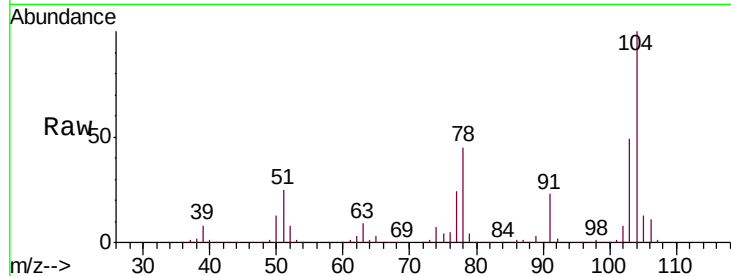
GAT61

Tgt Ion:104 Resp: 436969

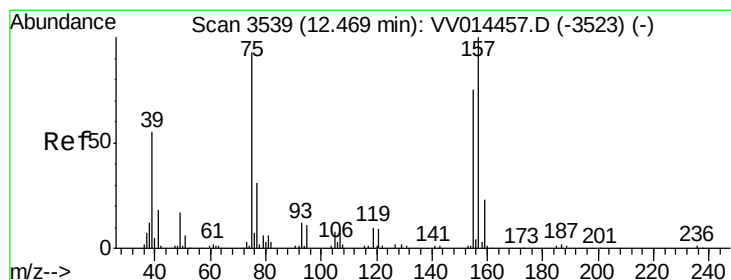
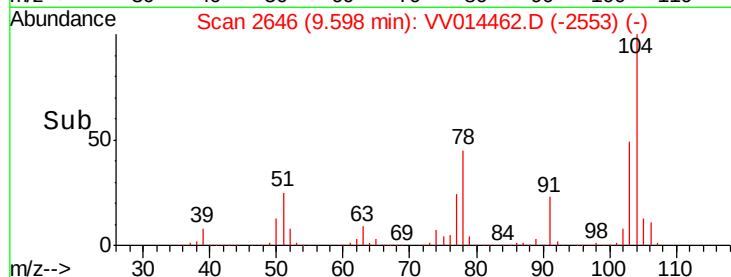
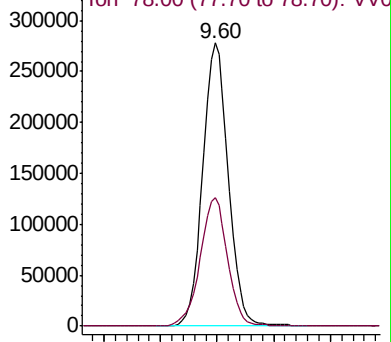
Ion Ratio Lower Upper

104 100

78 45.4 31.3 58.1



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



#66

1,2-Dibromo-3-chloropropane

Concen: 2.188 ug/L

RT: 12.52 min Scan# 3555

Delta R.T. 0.05 min

Lab File: VV014462.D

Acq: 31 Jan 2020 20:11

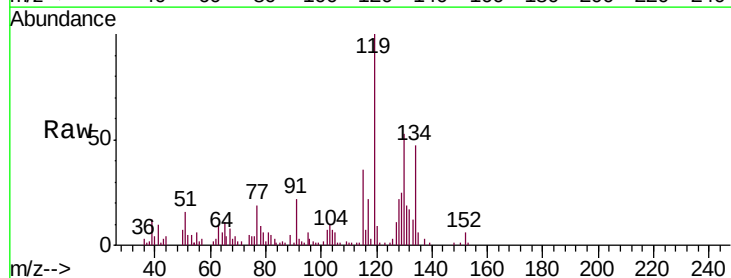
Tgt Ion: 75 Resp: 2083

Ion Ratio Lower Upper

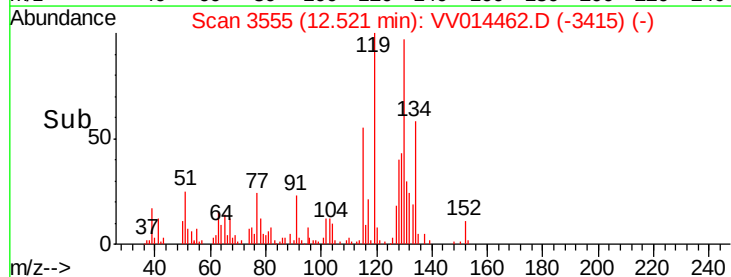
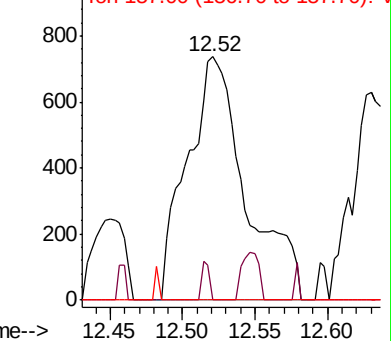
75 100

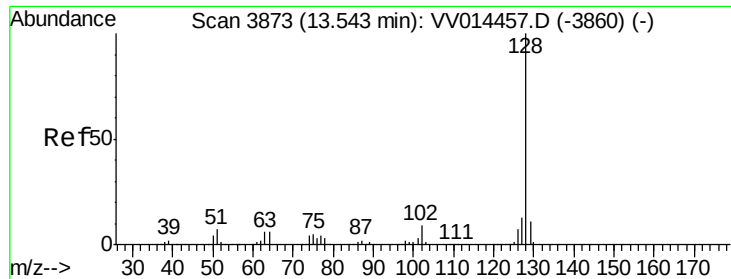
155 0.0 64.2 96.2#

157 0.0 83.4 125.2#



Abundance Ion 75.00 (74.70 to 75.70): VV014457.D (-3523) (-)





#69

Naphthalene

Concen: 184.663 ug/L

RT: 13.54 min Scan# 3873

Delta R.T. -0.00 min

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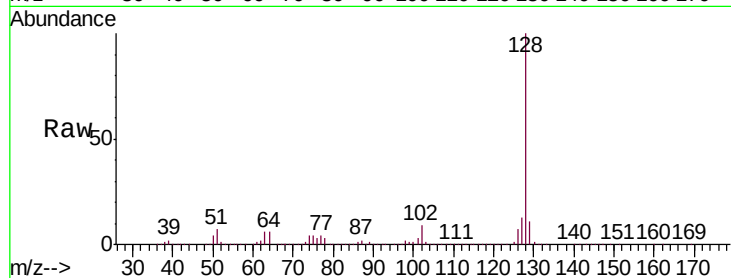
Tgt Ion:128 Resp: 2168104

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

129 10.9 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

