

Data File : VV014464.D
Acq On : 31 Jan 2020 20:59
Operator : SY/MD
Sample : L1324-15 20X
Misc : 4.99g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAT70

Quant Time: Feb 01 02:41:17 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	431792	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	406452	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	201759	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	98023	40.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.76%
7) Chloroethane-d5	1.58	69	70286	47.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.28%
11) 1,1-Dichloroethene-d2	2.13	63	116023	36.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.48%
21) 2-Butanone-d5	3.92	46	173469	107.51	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.51%
24) Chloroform-d	4.40	84	236094	46.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.04%
26) 1,2-Dichloroethane-d4	5.08	65	151571	49.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.16%
32) Benzene-d6	5.10	84	503812	47.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.16%
36) 1,2-Dichloropropane-d6	6.11	67	160541	47.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.82%
41) Toluene-d8	7.35	98	477216	48.30	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.60%
43) trans-1,3-Dichloropropene-	7.66	79	82493	47.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.86%
47) 2-Hexanone-d5	8.13	63	148400	112.02	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.02%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	206726	47.39	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.78%
64) 1,2-Dichlorobenzene-d4	11.67	152	179160	48.21	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.42%

Target Compounds

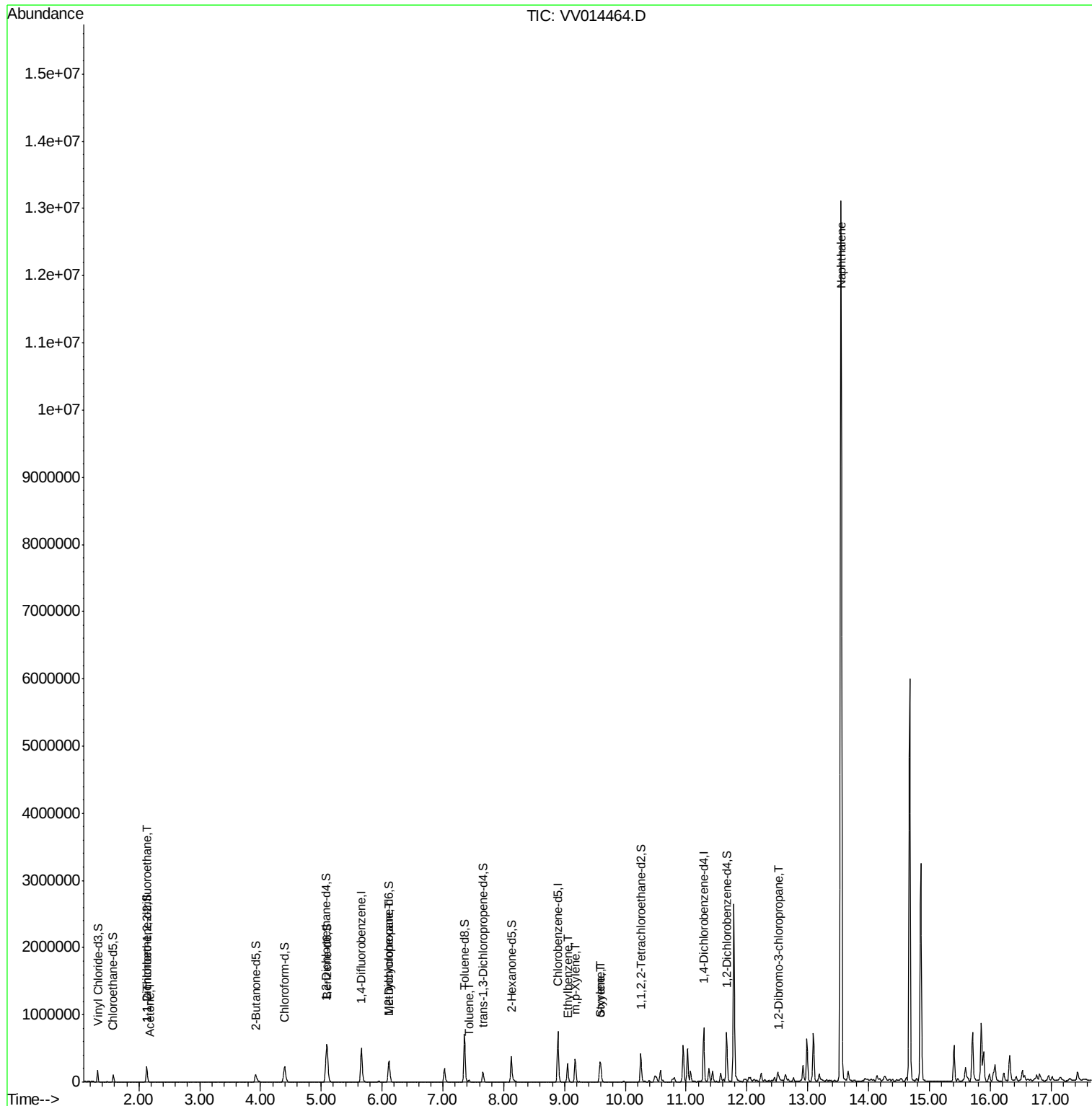
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1163	0.711	ug/L #	19
13) Acetone	2.19	43	2473	1.796	ug/L	96
35) Methylcyclohexane	6.11	83	38707	7.690	ug/L #	19
42) Toluene	7.43	91	18856	1.502	ug/L	98
52) Ethylbenzene	9.05	91	199547	14.162	ug/L	98
53) m,p-Xylene	9.18	106	96444	18.330	ug/L	98
54) o-xylene	9.58	106	64425	12.357	ug/L	97
55) Styrene	9.60	104	89167	10.191	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.52	75	1654	1.696	ug/L #	3
69) Naphthalene	13.55	128	10246916	852.032	ug/L	97

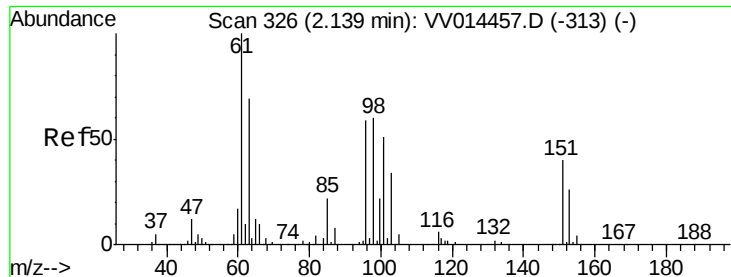
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.711 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

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Instrument :

MSVOA_V

ClientSampled :

GAT70

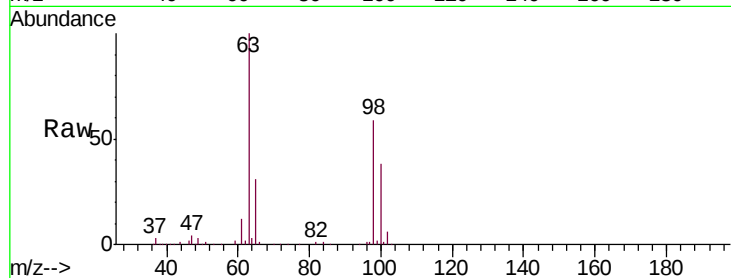
Tgt Ion:101 Resp: 1163

Ion Ratio Lower Upper

101 100

85 0.0 34.6 51.8#

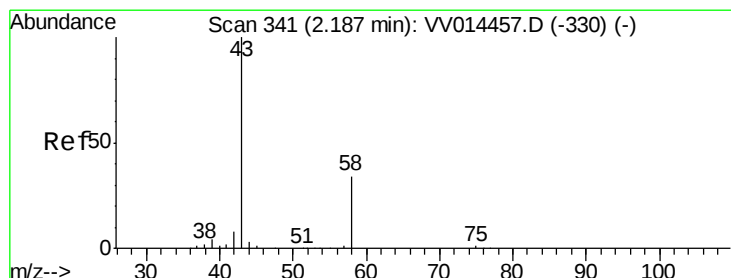
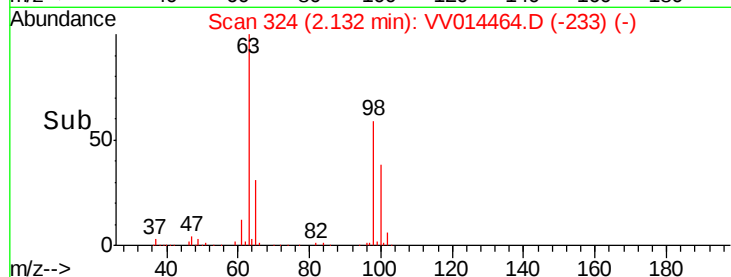
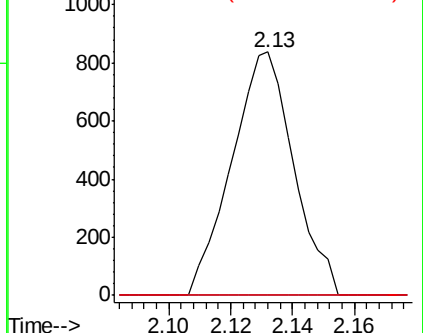
151 0.0 61.2 91.8#



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: 1.796 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

Lab File: VV014464.D

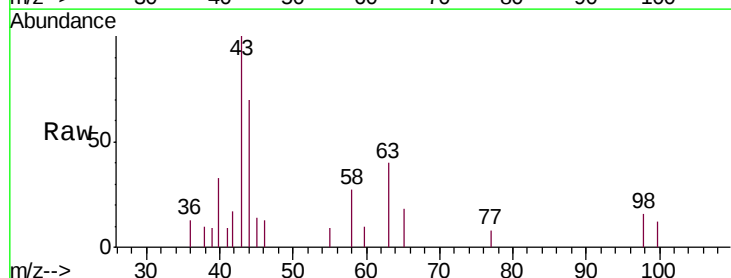
Acq: 31 Jan 2020 20:59

Tgt Ion: 43 Resp: 2473

Ion Ratio Lower Upper

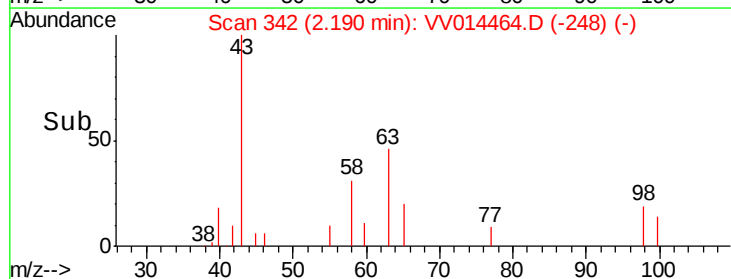
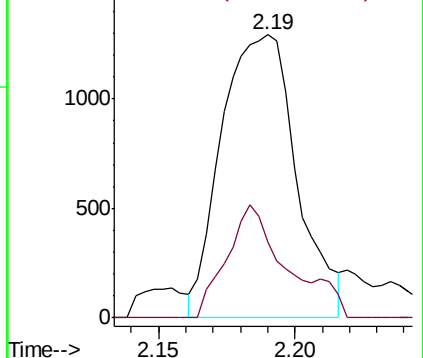
43 100

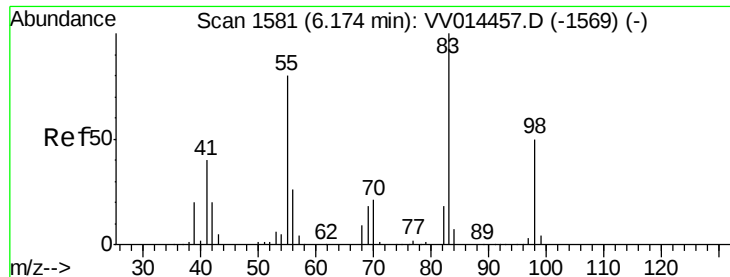
58 28.7 0.0 61.2



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0





#35

Methylcyclohexane

Concen: 7.690 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.06 min

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ClientSampleId :

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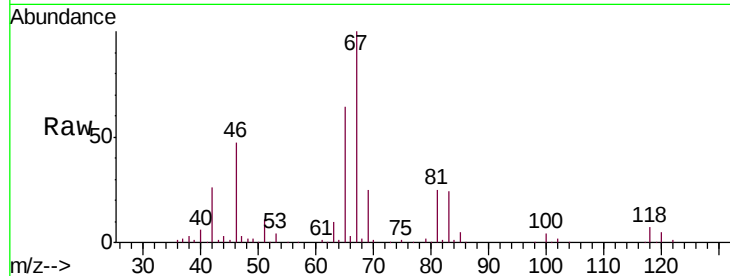
Tgt Ion: 83 Resp: 38707

Ion Ratio Lower Upper

83 100

55 0.4 60.4 90.6#

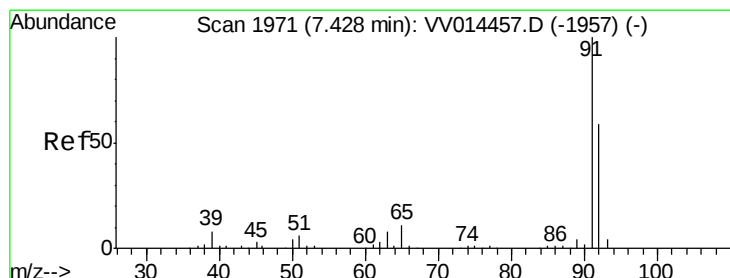
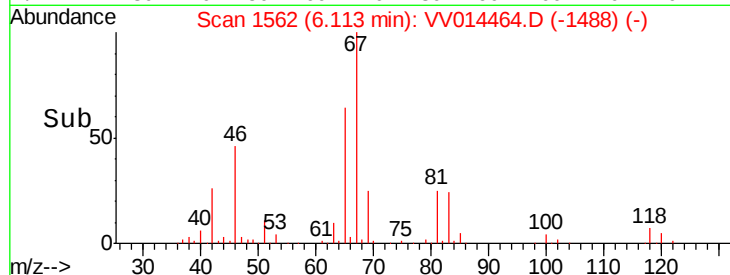
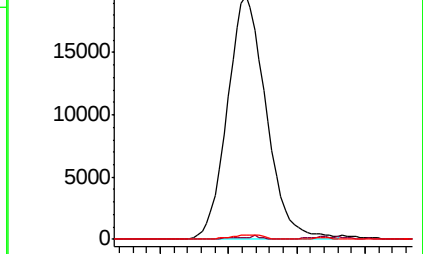
98 1.5 39.2 58.8#



Abundance Ion 83.00 (82.70 to 83.70): VV014457.D (-1569) (-)

Ion 55.00 (54.70 to 55.70): VV014457.D (-1569) (-)

Ion 98.00 (97.70 to 98.70): VV014457.D (-1569) (-)



#42

Toluene

Concen: 1.502 ug/L

RT: 7.43 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VV014464.D

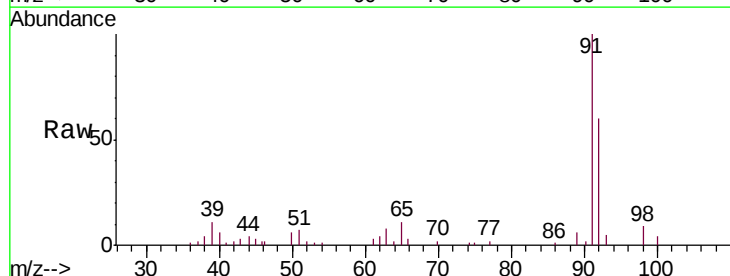
Acq: 31 Jan 2020 20:59

Tgt Ion: 91 Resp: 18856

Ion Ratio Lower Upper

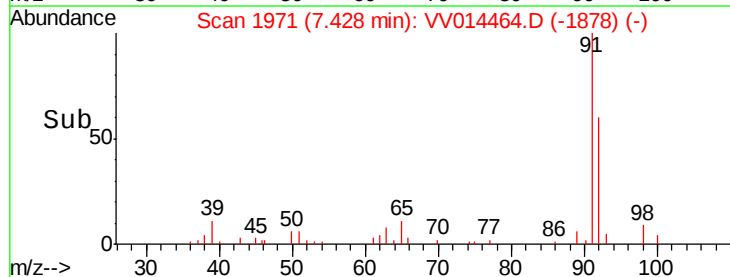
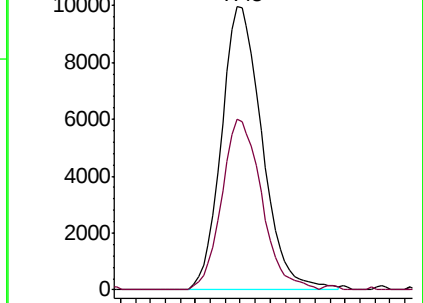
91 100

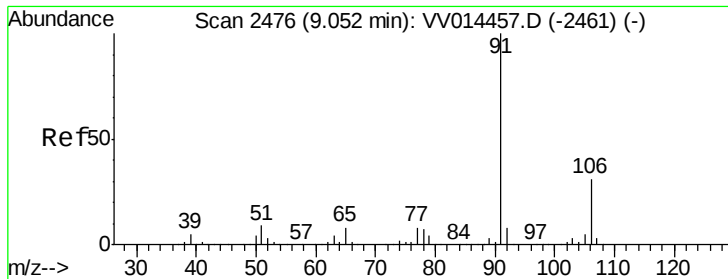
92 60.4 41.0 76.2



Abundance Ion 91.00 (90.70 to 91.70): VV014457.D (-1957) (-)

Ion 92.00 (91.70 to 92.70): VV014457.D (-1957) (-)





#52

Ethylbenzene

Concen: 14.162 ug/L

RT: 9.05 min Scan# 2476

Delta R.T. -0.00 min

Lab File: VV014464.D

Acq: 31 Jan 2020 20:59

Instrument :

MSVOA_V

ClientSampleID :

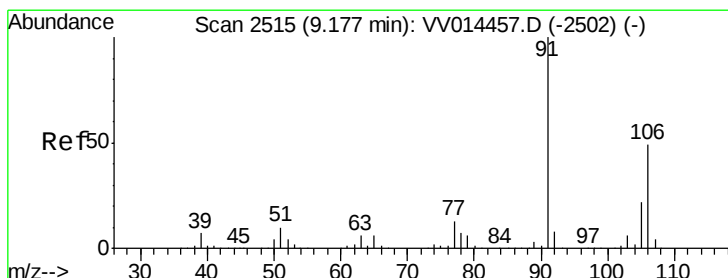
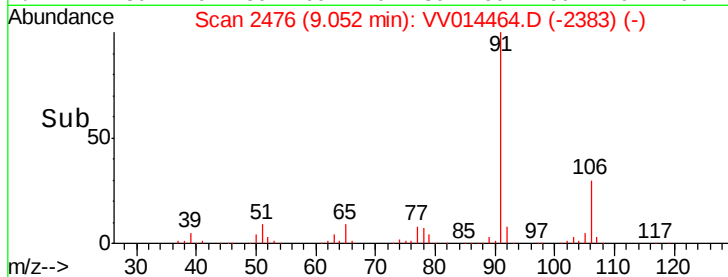
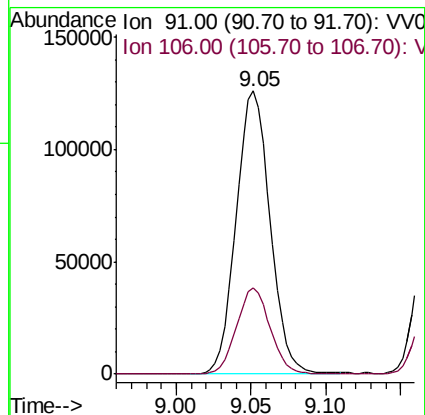
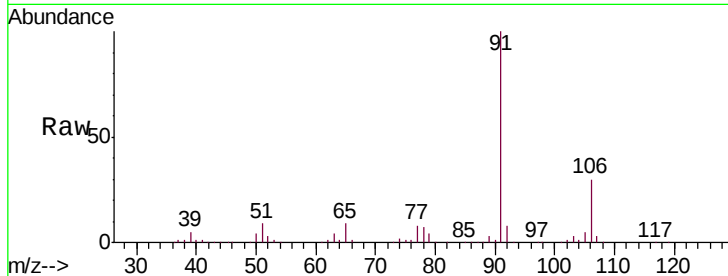
GAT70

Tgt Ion: 91 Resp: 199547

Ion Ratio Lower Upper

91 100

106 30.4 21.8 40.6



#53

m,p-Xylene

Concen: 18.330 ug/L

RT: 9.18 min Scan# 2515

Delta R.T. -0.00 min

Lab File: VV014464.D

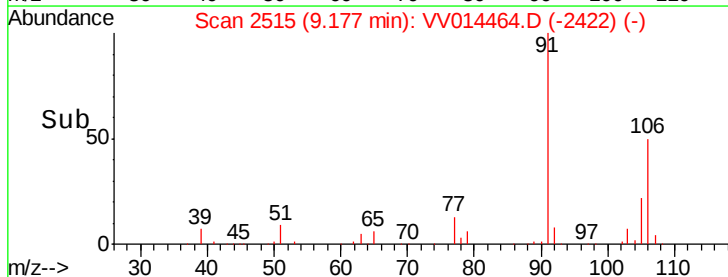
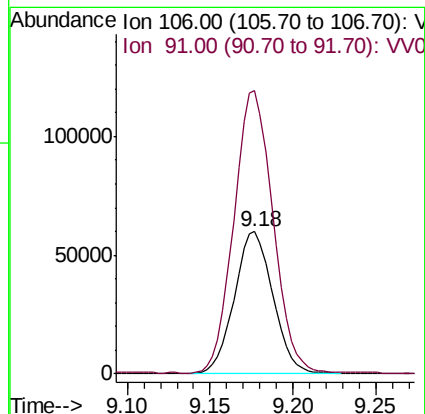
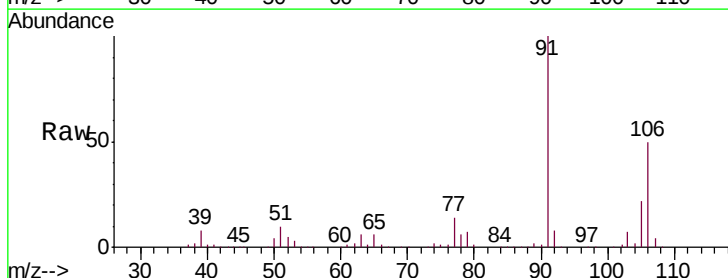
Acq: 31 Jan 2020 20:59

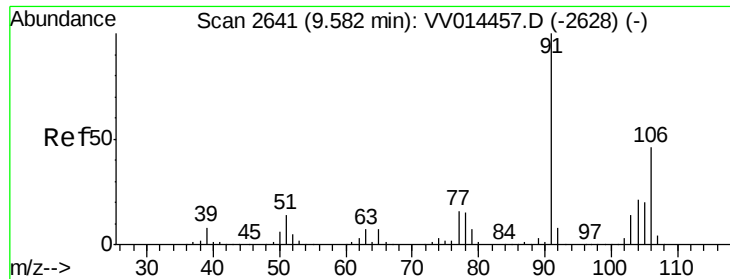
Tgt Ion: 106 Resp: 96444

Ion Ratio Lower Upper

106 100

91 198.7 140.9 261.7

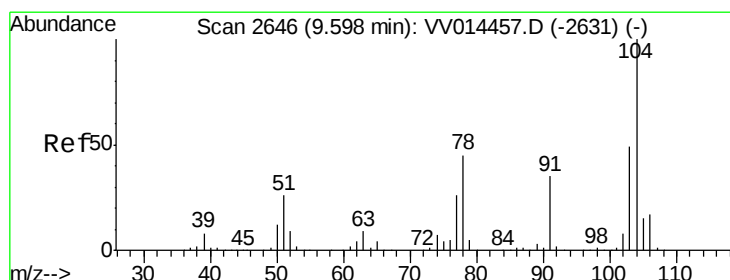
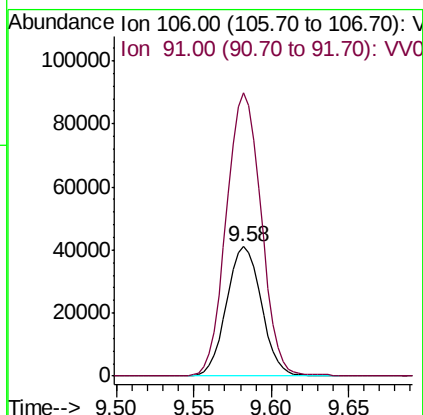
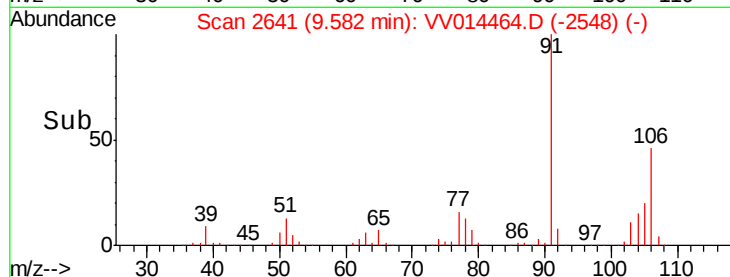
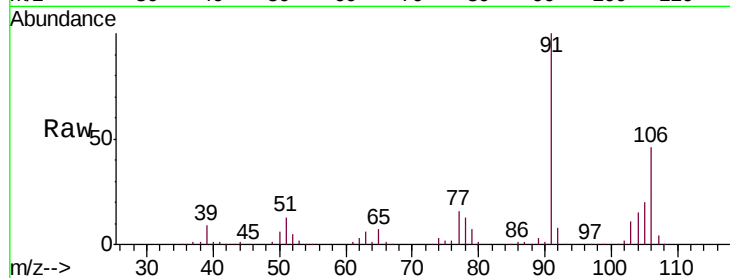




#54
o-xylene
Concen: 12.357 ug/L
RT: 9.58 min Scan# 2641
Delta R.T. -0.00 min
Lab File: VV014464.D
Acq: 31 Jan 2020 20:59

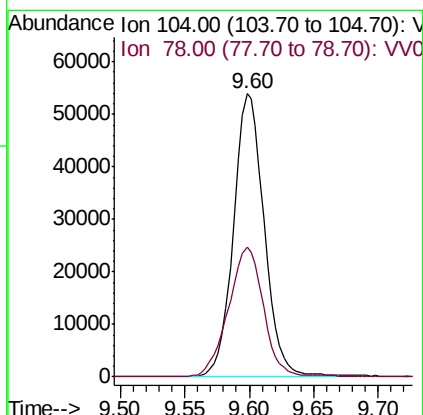
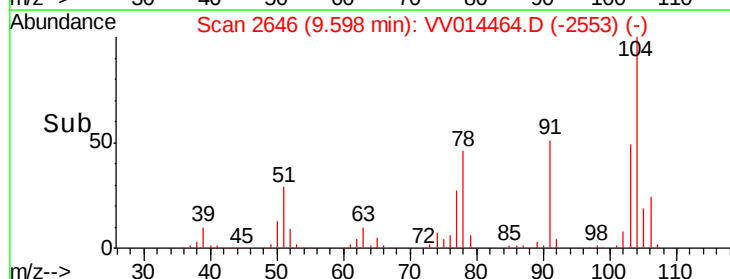
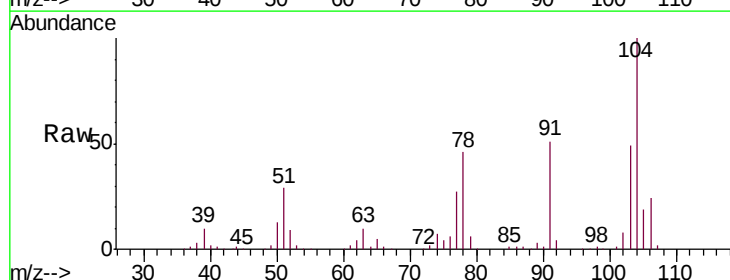
Instrument :
MSVOA_V
ClientSampled :
GAT70

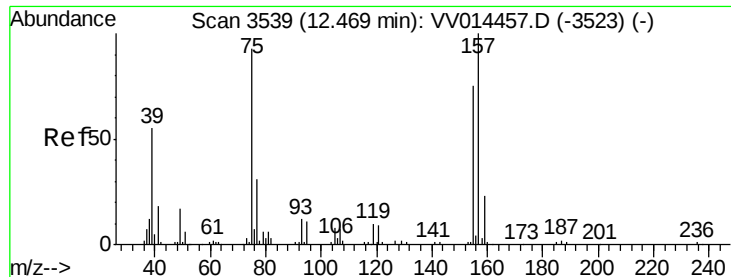
Tgt Ion:106 Resp: 64425
Ion Ratio Lower Upper
106 100
91 218.9 150.4 279.2



#55
Styrene
Concen: 10.191 ug/L
RT: 9.60 min Scan# 2646
Delta R.T. -0.00 min
Lab File: VV014464.D
Acq: 31 Jan 2020 20:59

Tgt Ion:104 Resp: 89167
Ion Ratio Lower Upper
104 100
78 45.7 31.3 58.1

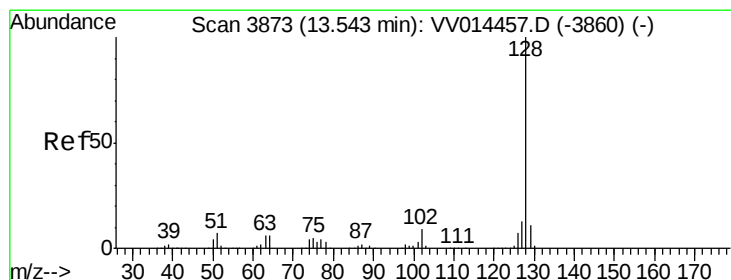
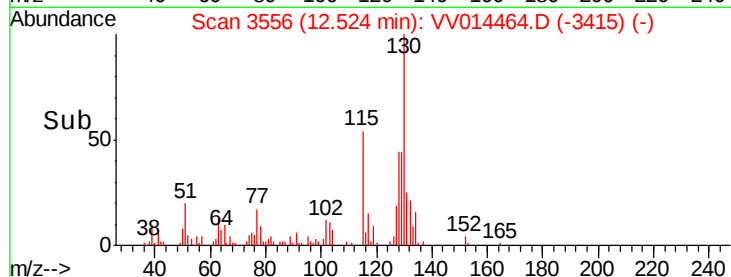
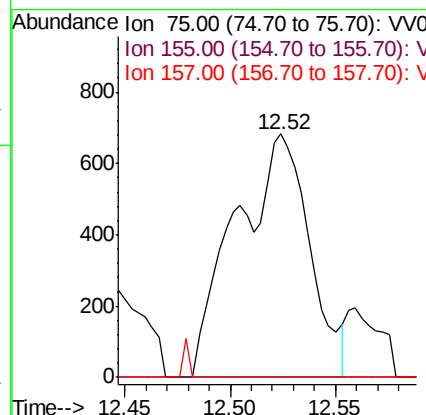
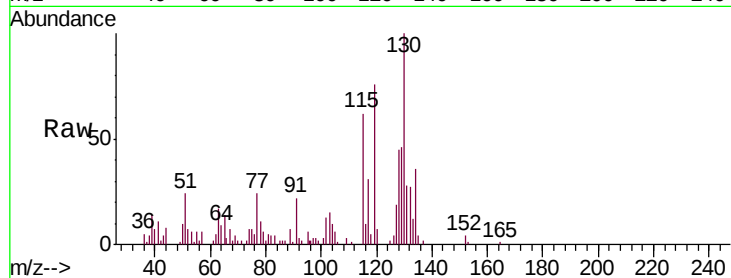




#66
 1,2-Dibromo-3-chloropropane
 Concen: 1.696 ug/L
 RT: 12.52 min Scan# 3556
 Delta R.T. 0.05 min
 Lab File: VV014464.D
 Acq: 31 Jan 2020 20:59

Instrument :
 MSVOA_V
 ClientSampled :
 GAT70

Tgt Ion: 75 Resp: 1654
 Ion Ratio Lower Upper
 75 100
 155 0.0 64.2 96.2#
 157 0.0 83.4 125.2#



#69
 Naphthalene
 Concen: 852.032 ug/L
 RT: 13.55 min Scan# 3874
 Delta R.T. 0.00 min
 Lab File: VV014464.D
 Acq: 31 Jan 2020 20:59

Tgt Ion: 128 Resp: 10246916
 Ion Ratio Lower Upper
 128 100
 127 13.8 10.2 15.4
 129 11.8 8.6 13.0

