

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040220\
 Data File : VV015386.D
 Acq On : 02 Apr 2020 21:16
 Operator : SY/MD
 Sample : L2065-10 50X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 03 05:32:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM040120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 03 05:25:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	686055	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	657011	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	319301	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	200507	32.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	65.18%
7) Chloroethane-d5	1.58	69	183661	34.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	69.90%#
11) 1,1-Dichloroethene-d2	2.12	63	307962	28.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.02%#
21) 2-Butanone-d5	3.94	46	280253	85.72	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.72%
24) Chloroform-d	4.38	84	392343	38.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.26%
26) 1,2-Dichloroethane-d4	5.06	65	258899	40.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.86%
32) Benzene-d6	5.08	84	807666	39.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.84%
36) 1,2-Dichloropropane-d6	6.09	67	244559	40.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	81.98%
41) Toluene-d8	7.34	98	779016	40.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.52%
43) trans-1,3-Dichloropropene-	7.64	79	123659	37.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.04%
47) 2-Hexanone-d5	8.12	63	219189	80.45	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.45%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	360519	42.47	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.94%
64) 1,2-Dichlorobenzene-d4	11.65	152	302009	41.58	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.16%

Target Compounds

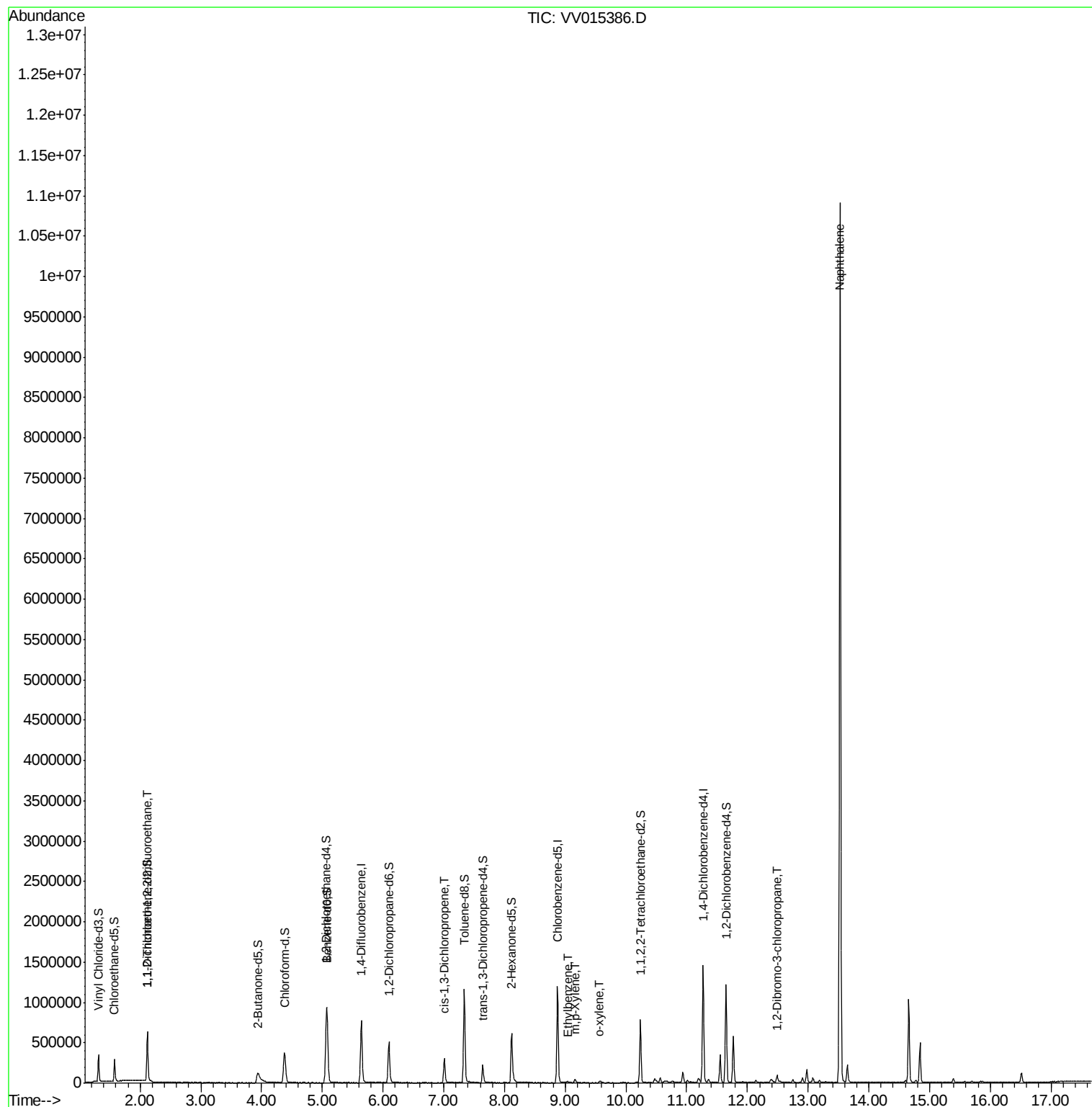
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	3345	0.646 ug/L #	36
39) cis-1,3-Dichloropropene	7.01	75	9632	1.201 ug/L	89
52) Ethylbenzene	9.04	91	14470	0.597 ug/L	93
53) m,p-Xylene	9.16	106	12677	1.357 ug/L	86
54) o-xylene	9.57	106	5109	0.546 ug/L	93
66) 1,2-Dibromo-3-chloropropan	12.49	75	2167	1.001 ug/L #	4
69) Naphthalene	13.53	128	8269723	332.415 ug/L	99

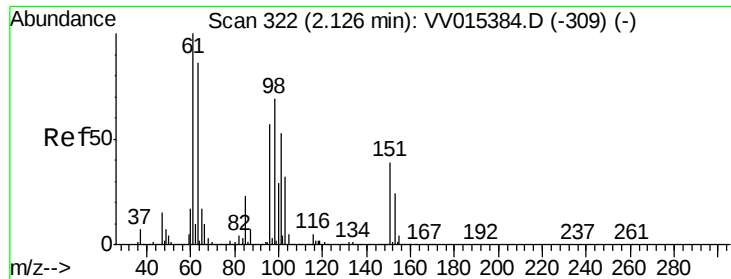
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_V
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Quant Time: Apr 03 05:32:31 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM040120WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 03 05:25:49 2020
Response via : Initial Calibration





#10

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

Concen: 0.646 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV015386.D

Acq: 02 Apr 2020 21:16

Instrument :

MSVOA_V

ClientSampleId :

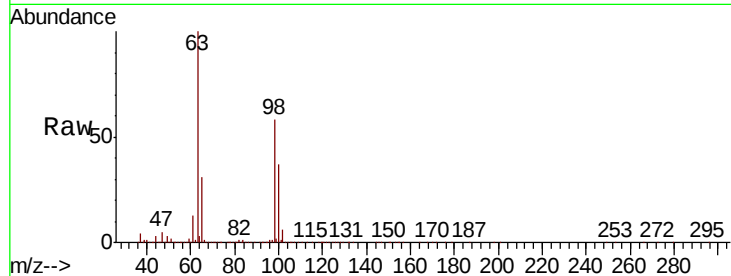
Tot Ion:101 Resp: 3345

Ion Ratio Lower Upper

101 100

85 7.5 36.1 54.1#

151 15.6 58.2 87.4#

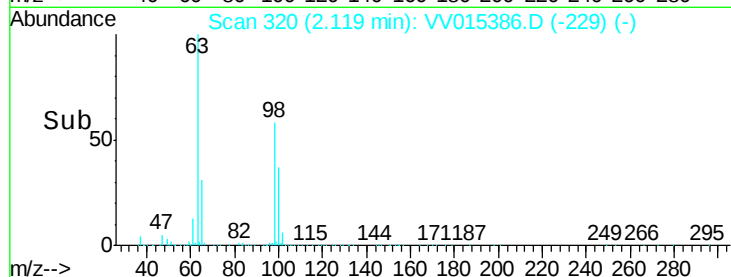


Abundance Ion 101.00 (100.70 to 101.70): VV015386.D (-229) (-)

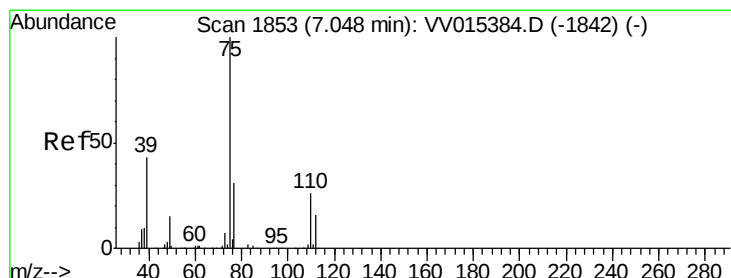
Ion 85.00 (84.70 to 85.70): VV015386.D (-229) (-)

Ion 151.00 (150.70 to 151.70): VV015386.D (-229) (-)

Time-->



Time-->



#39

cis-1,3-Dichloropropene

Concen: 1.201 ug/L

RT: 7.01 min Scan# 1841

Delta R.T. -0.04 min

Lab File: VV015386.D

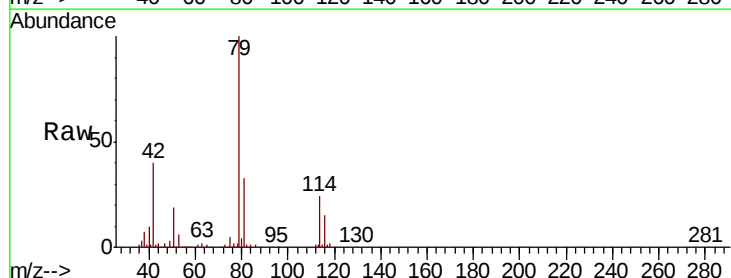
Acq: 02 Apr 2020 21:16

Tgt Ion: 75 Resp: 9632

Ion Ratio Lower Upper

75 100

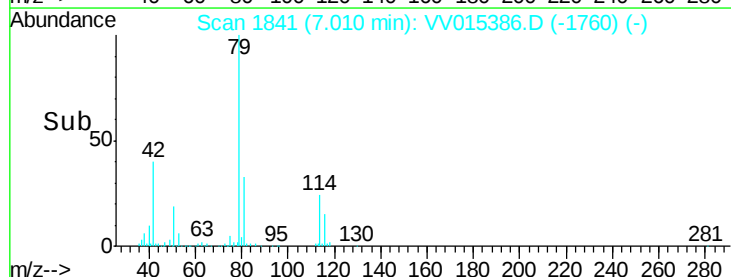
77 38.1 22.5 41.9



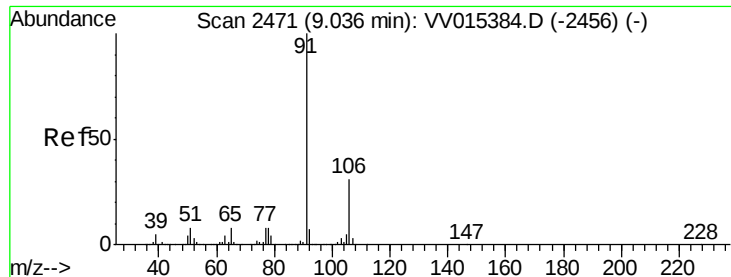
Abundance Ion 75.00 (74.70 to 75.70): VV015386.D (-1760) (-)

Ion 77.00 (76.70 to 77.70): VV015386.D (-1760) (-)

Time-->



Time-->



#52

Ethylbenzene

Concen: 0.597 ug/L

RT: 9.04 min Scan# 2472

Delta R.T. 0.00 min

Lab File: VV015386.D

Acq: 02 Apr 2020 21:16

Instrument :

MSVOA_V

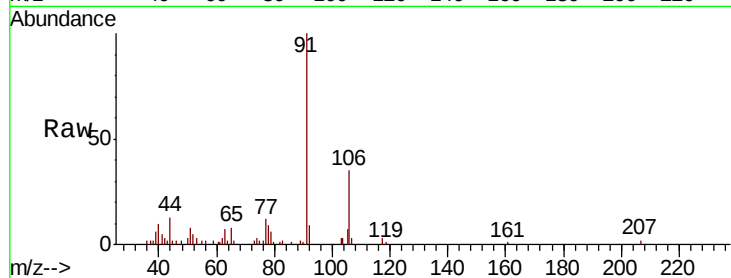
ClientSampleId :

Tot Ion: 91 Resp: 14470

Ion Ratio Lower Upper

91 100

106 34.8 21.8 40.6



Abundance Ion 91.00 (90.70 to 91.70): VV015384.D (-2456) (-)

Ion 106.00 (105.70 to 106.70): VV015384.D (-2456) (-)

9.04

8000

6000

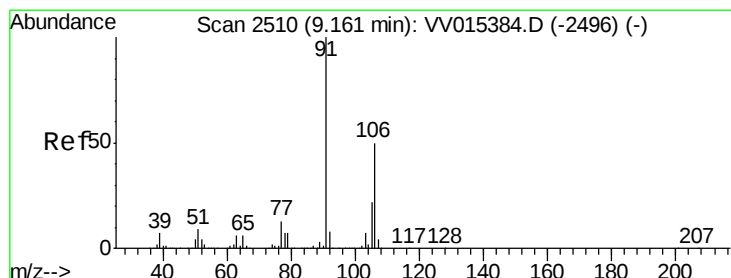
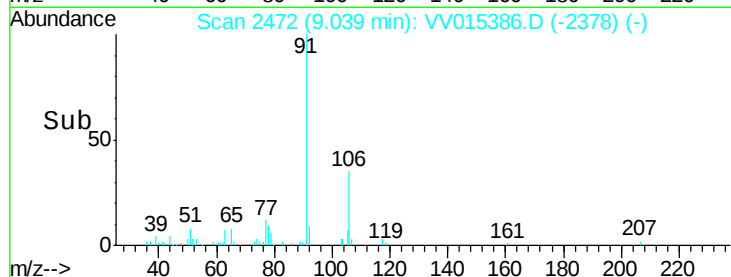
4000

2000

0

Time-->

9.00 9.05 9.10



#53

m,p-Xylene

Concen: 1.357 ug/L

RT: 9.16 min Scan# 2510

Delta R.T. -0.00 min

Lab File: VV015386.D

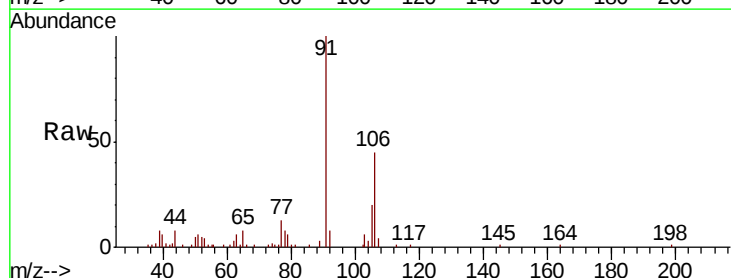
Acq: 02 Apr 2020 21:16

Tgt Ion: 106 Resp: 12677

Ion Ratio Lower Upper

106 100

91 220.8 139.7 259.5



Abundance Ion 106.00 (105.70 to 106.70): VV015384.D (-2496) (-)

Ion 91.00 (90.70 to 91.70): VV015384.D (-2496) (-)

9.16

15000

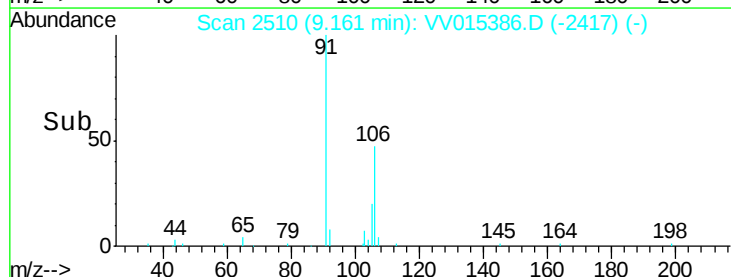
10000

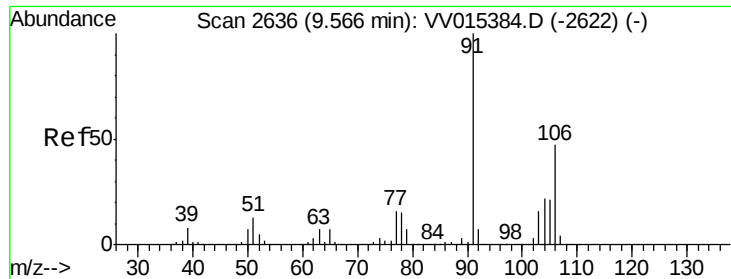
5000

0

Time-->

9.10 9.15 9.20 9.25





#54

o-xylene

Concen: 0.546 ug/L

RT: 9.57 min Scan# 2637

Delta R.T. 0.00 min

Lab File: VV015386.D

Acq: 02 Apr 2020 21:16

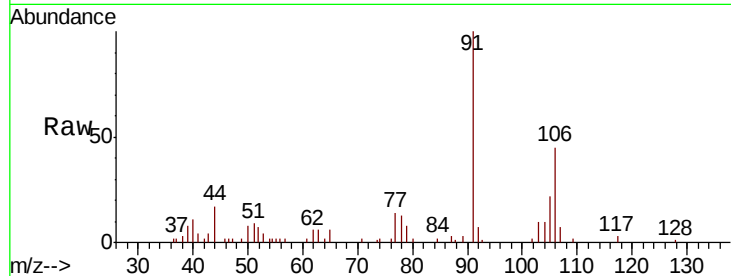
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:106 Resp: 5109

Ion Ratio Lower Upper

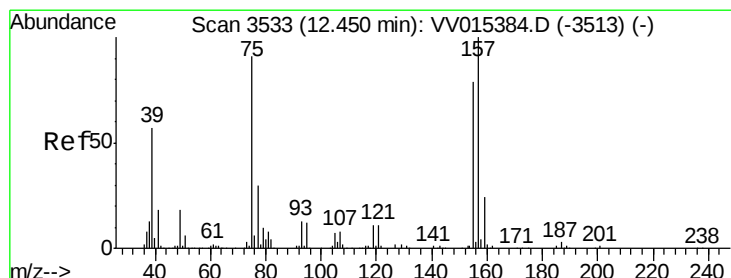
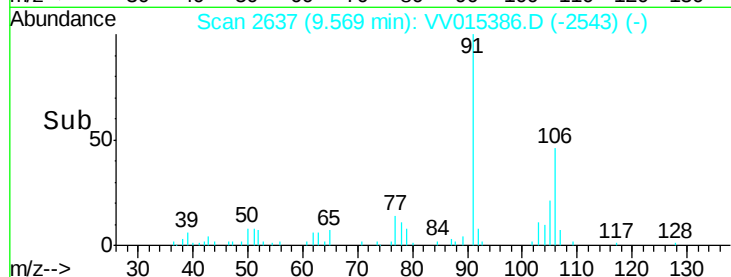
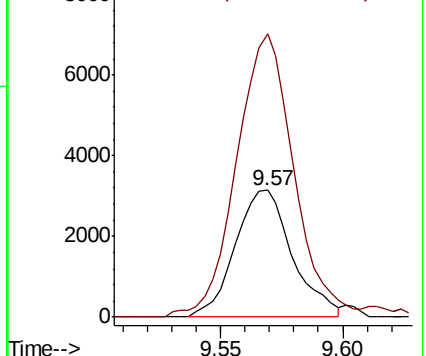
106 100

91 223.1 148.0 274.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0



#66

1,2-Dibromo-3-chloropropane

Concen: 1.001 ug/L

RT: 12.49 min Scan# 3544

Delta R.T. 0.04 min

Lab File: VV015386.D

Acq: 02 Apr 2020 21:16

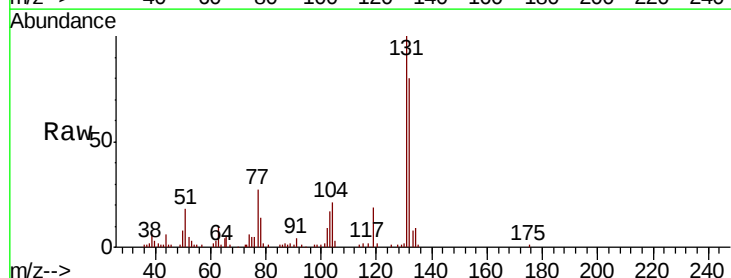
Tgt Ion: 75 Resp: 2167

Ion Ratio Lower Upper

75 100

155 0.0 64.5 96.7#

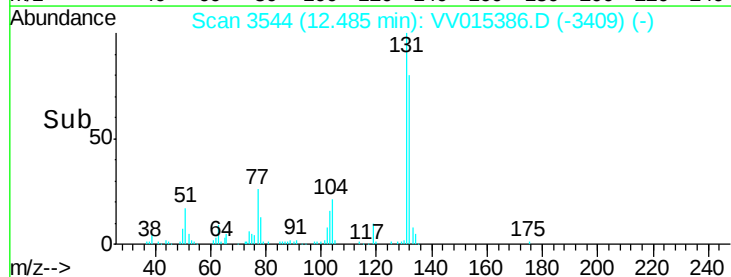
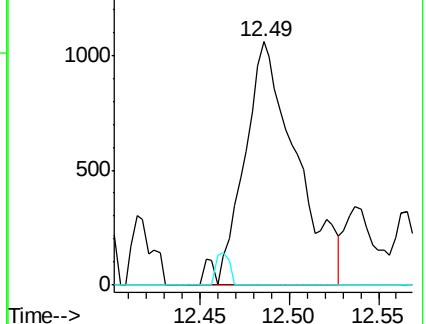
157 0.0 79.8 119.6#

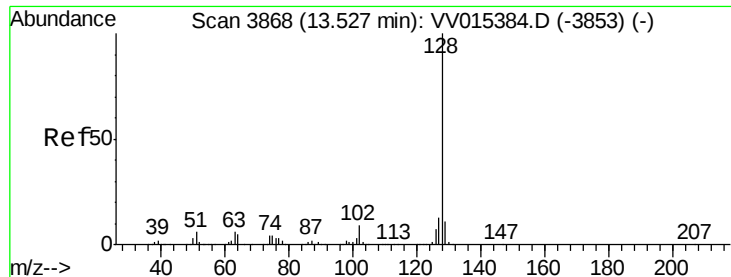


Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V





#69

Naphthalene

Concen: 332.415 ug/L

RT: 13.53 min Scan# 3868

Delta R.T. -0.00 min

Lab File: VV015386.D

Acq: 02 Apr 2020 21:16

Instrument :

MSVOA_V

ClientSampleId :

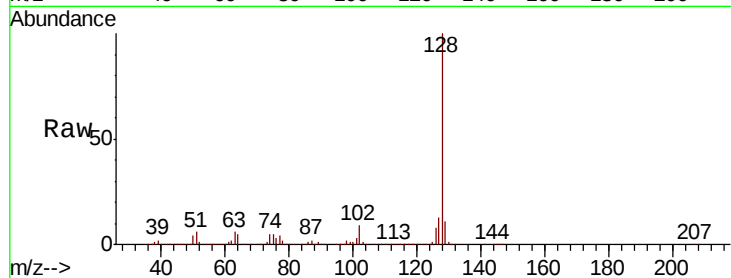
Tot Ion:128 Resp: 8269723

Ion Ratio Lower Upper

128 100

127 13.3 10.3 15.5

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

