

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062420\
 Data File : VV017103.D
 Acq On : 25 Jun 2020 04:41
 Operator : SY/MD
 Sample : L3102-07
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9L56

Quant Time: Jun 25 06:15:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jun 25 05:27:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	175672	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	167889	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	79576	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	36601	3.47	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.40%
7) Chloroethane-d5	1.58	69	31110	4.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.20%
11) 1,1-Dichloroethene-d2	2.13	63	59991	2.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.80%#
20) 2-Butanone-d5	3.94	46	119133	44.33	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.66%
24) Chloroform-d	4.38	84	98938	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.80%
26) 1,2-Dichloroethane-d4	5.06	65	54540	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.20%
32) Benzene-d6	5.08	84	183862	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.40%
36) 1,2-Dichloropropane-d6	6.09	67	56791	4.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.00%
41) Toluene-d8	7.34	98	166563	4.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.60%
45) trans-1,3-Dichloropropene-	7.65	79	21245	3.91	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.20%
48) 2-Hexanone-d5	8.11	63	83678	40.44	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.88%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	40831	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.20%
65) 1,2-Dichlorobenzene-d4	11.65	152	68208	4.64	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.80%

Target Compounds

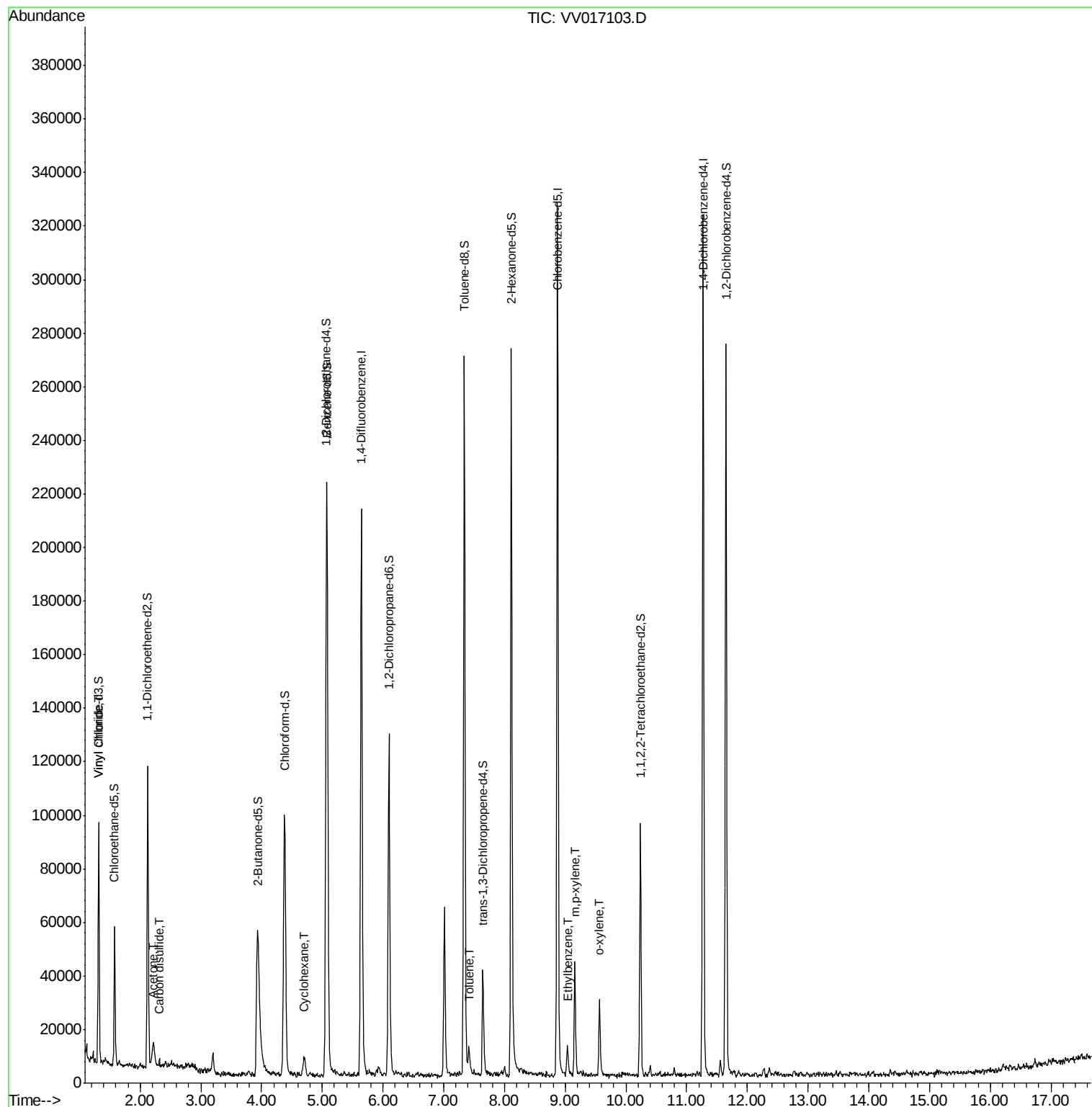
					Ovalue
5) Vinyl chloride	1.32	62	19339	1.678	ug/L 96
13) Acetone	2.22	43	15053	11.082	ug/L 75
14) Carbon disulfide	2.32	76	3571	0.141	ug/L # 84
30) Cyclohexane	4.70	56	3381	0.177	ug/L # 48
42) Toluene	7.41	91	6193	0.121	ug/L 99
54) Ethylbenzene	9.04	91	6572	0.120	ug/L 100
55) m,p-xylene	9.16	106	10703	0.500	ug/L 87
56) o-xylene	9.57	106	7478	0.374	ug/L 91

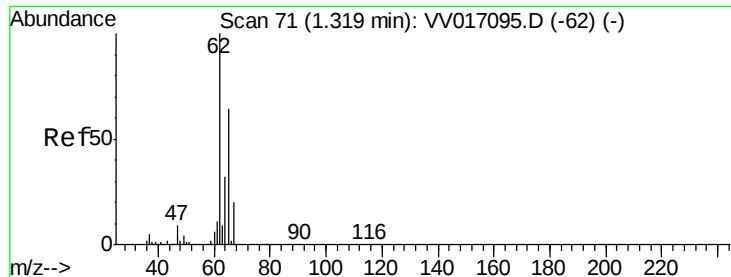
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.678 ug/L

RT: 1.32 min Scan# 72

Delta R.T. 0.00 min

Lab File: VV017103.D

Acq: 25 Jun 2020 04:41

Instrument :

MSVOA_V

ClientSampleId :

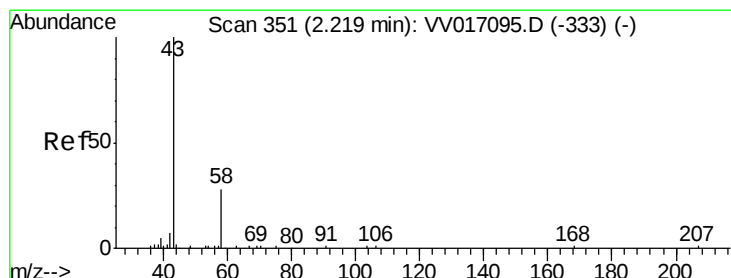
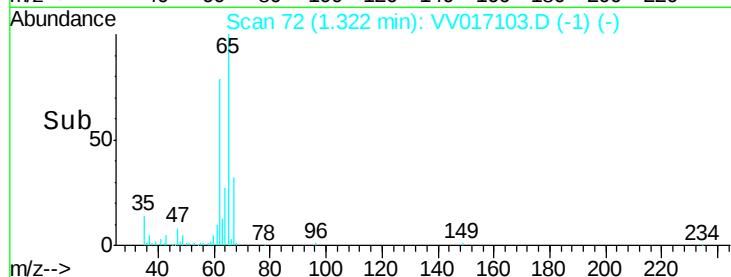
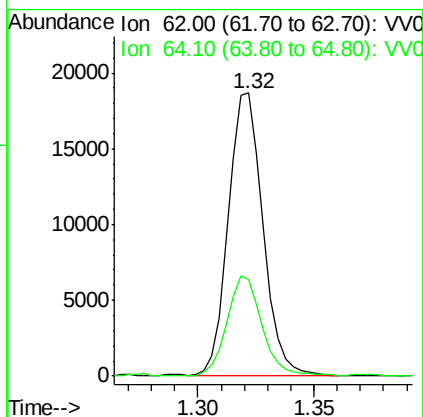
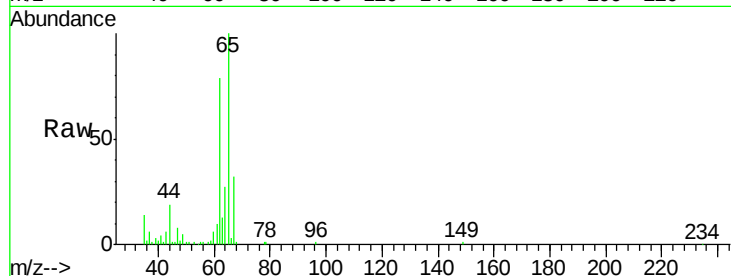
F9L56

Tot Ion: 62 Resp: 19339

Ion Ratio Lower Upper

62 100

64 34.3 22.5 41.7



#13

Acetone

Concen: 11.082 ug/L

RT: 2.22 min Scan# 351

Delta R.T. -0.00 min

Lab File: VV017103.D

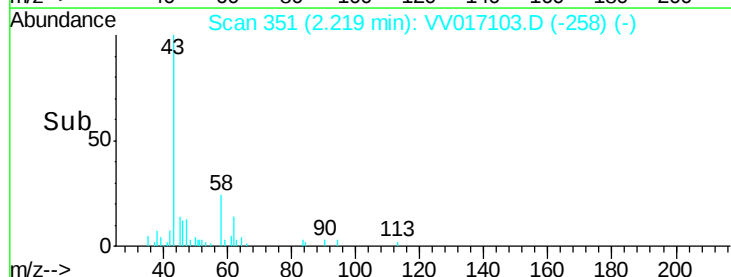
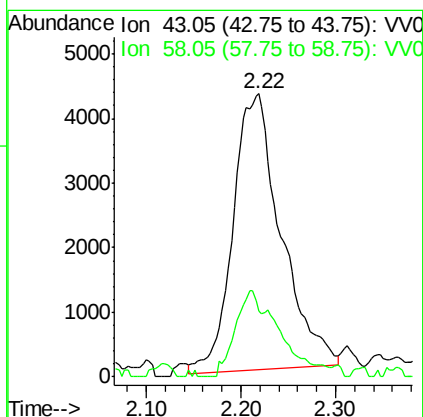
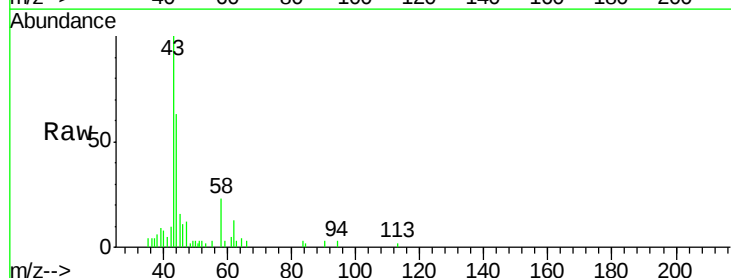
Acq: 25 Jun 2020 04:41

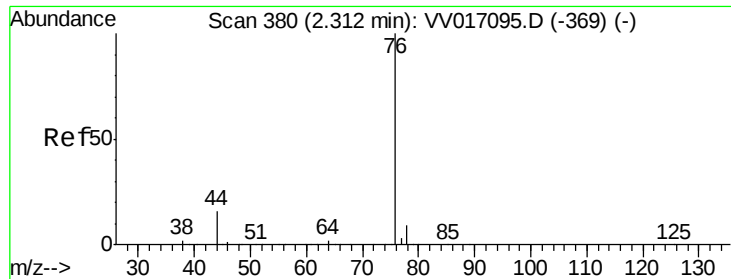
Tgt Ion: 43 Resp: 15053

Ion Ratio Lower Upper

43 100

58 16.0 0.0 58.4





#14

Carbon disulfide

Concen: 0.141 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.00 min

Lab File: VV017103.D

Acq: 25 Jun 2020 04:41

Instrument :

MSVOA_V

ClientSampleId :

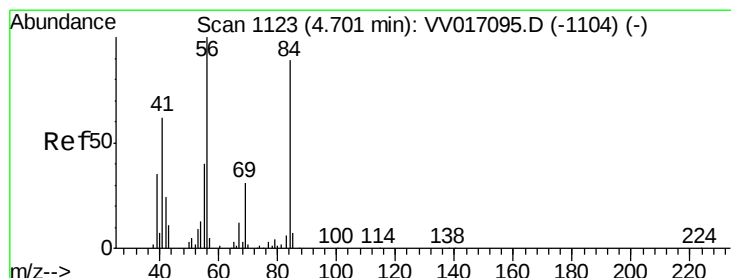
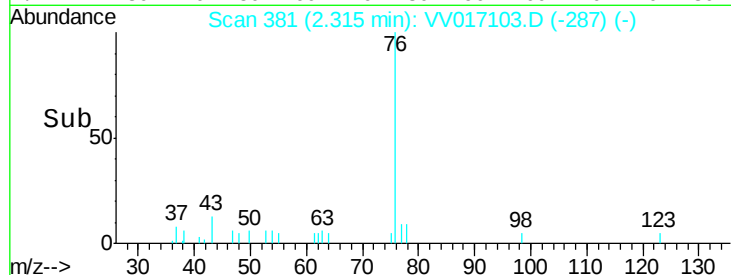
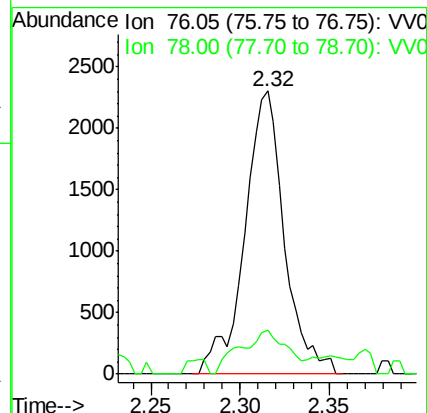
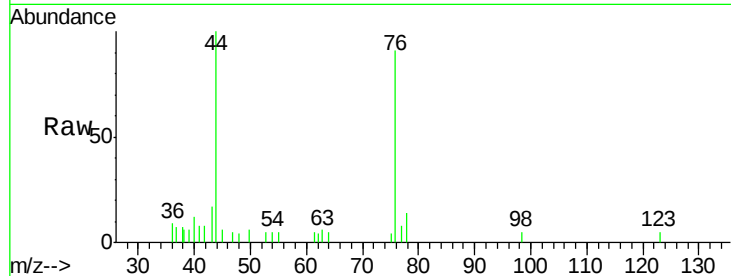
F9L56

Tot Ion: 76 Resp: 3571

Ion Ratio Lower Upper

76 100

78 15.6 7.7 11.5#



#30

Cyclohexane

Concen: 0.177 ug/L

RT: 4.70 min Scan# 1122

Delta R.T. -0.00 min

Lab File: VV017103.D

Acq: 25 Jun 2020 04:41

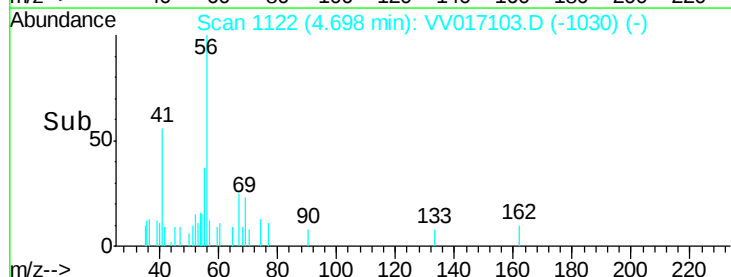
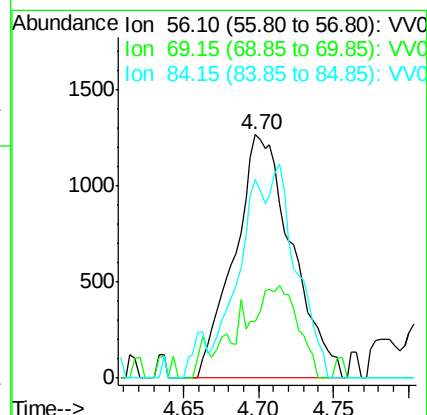
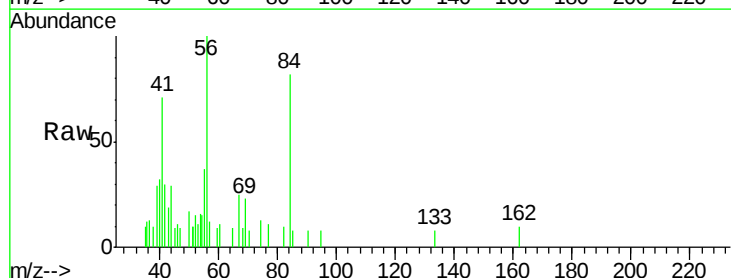
Tgt Ion: 56 Resp: 3381

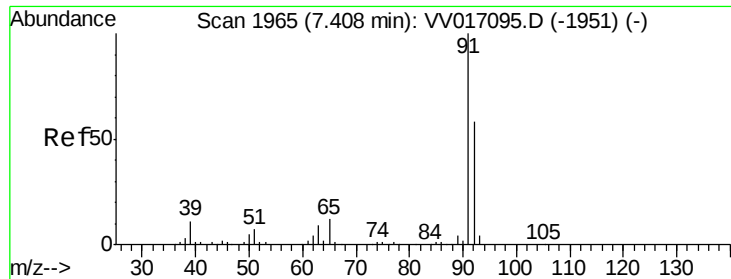
Ion Ratio Lower Upper

56 100

69 10.9 24.4 36.6#

84 33.7 69.9 104.9#





#42

Toluene

Concen: 0.121 ug/L

RT: 7.41 min Scan# 1967

Delta R.T. 0.01 min

Lab File: VV017103.D

Acq: 25 Jun 2020 04:41

Instrument :

MSVOA_V

ClientSampled :

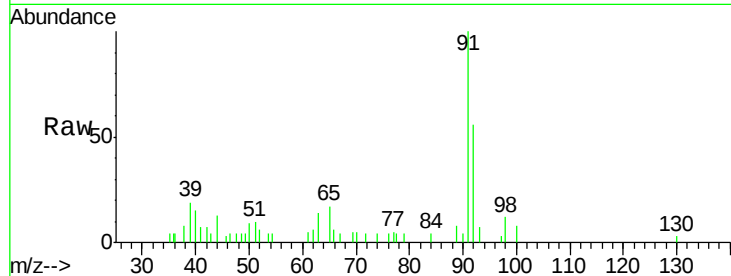
F9L56

Tot Ion: 91 Resp: 6193

Ion Ratio Lower Upper

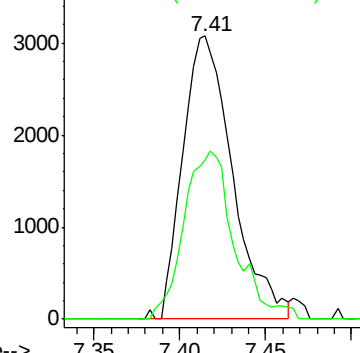
91 100

92 56.2 39.9 74.1

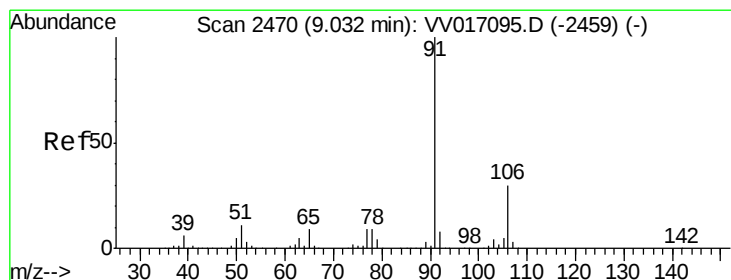
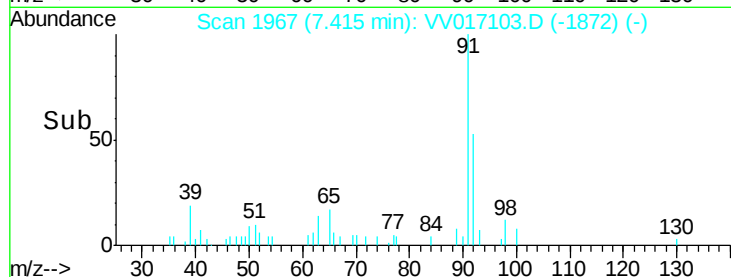


Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0



Time-->



#54

Ethylbenzene

Concen: 0.120 ug/L

RT: 9.04 min Scan# 2471

Delta R.T. 0.00 min

Lab File: VV017103.D

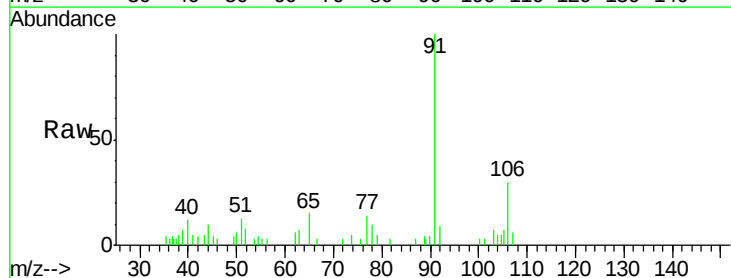
Acq: 25 Jun 2020 04:41

Tgt Ion: 91 Resp: 6572

Ion Ratio Lower Upper

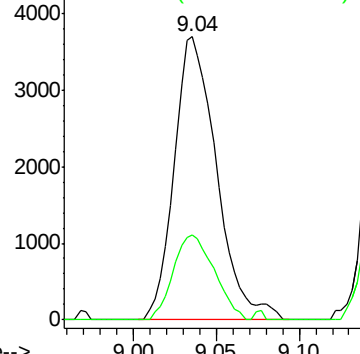
91 100

106 30.1 21.1 39.1

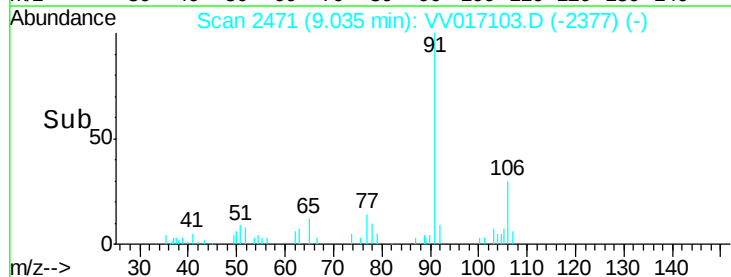


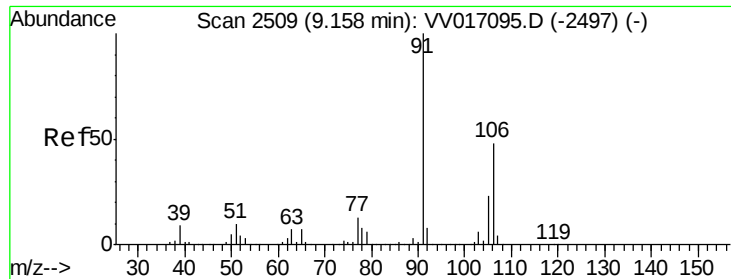
Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 106.15 (105.85 to 106.85): V



Time-->





#55

m,p-xylene

Concen: 0.500 ug/L

RT: 9.16 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VV017103.D

Acq: 25 Jun 2020 04:41

Instrument :

MSVOA_V

ClientSampleId :

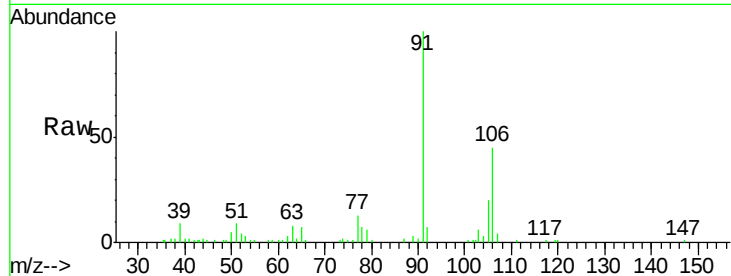
F9L56

Tot Ion:106 Resp: 10703

Ion Ratio Lower Upper

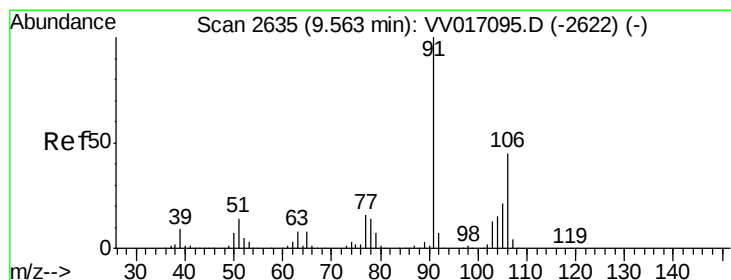
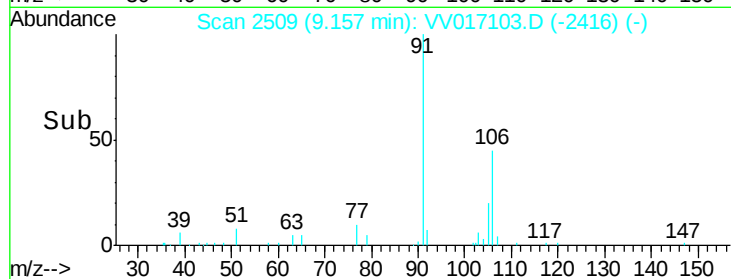
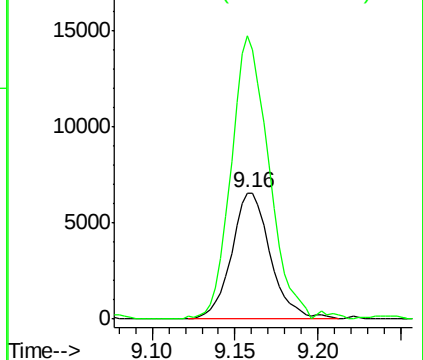
106 100

91 224.3 142.7 264.9



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0



#56

o-xylene

Concen: 0.374 ug/L

RT: 9.57 min Scan# 2636

Delta R.T. 0.00 min

Lab File: VV017103.D

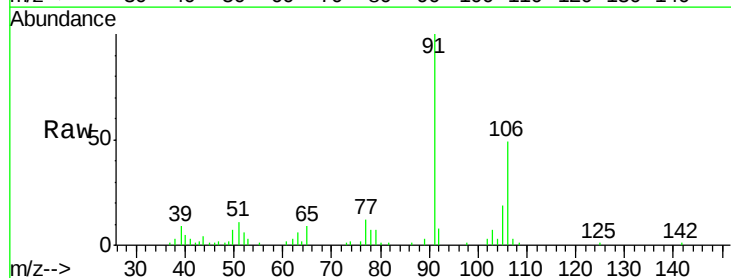
Acq: 25 Jun 2020 04:41

Tgt Ion:106 Resp: 7478

Ion Ratio Lower Upper

106 100

91 205.1 153.6 285.2



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0

