

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100920\
 Data File : VV018782.D
 Acq On : 09 Oct 2020 00:14
 Operator : SY/MD
 Sample : L4239-08DL 500X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3N9DL

Quant Time: Oct 09 07:50:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 09 07:31:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	333032	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	320028	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	154713	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	134408	44.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.84%
7) Chloroethane-d5	1.58	69	112699	46.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.54%
11) 1,1-Dichloroethene-d2	2.12	63	203681	34.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.82%
21) 2-Butanone-d5	3.90	46	182320	98.13	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.13%
24) Chloroform-d	4.37	84	240021	44.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.92%
26) 1,2-Dichloroethane-d4	5.06	65	174437	48.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.40%
32) Benzene-d6	5.07	84	512602	49.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.54%
36) 1,2-Dichloropropane-d6	6.09	67	148038	44.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.16%
41) Toluene-d8	7.34	98	405797	44.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.78%
43) trans-1,3-Dichloropropene-	7.64	79	72112	43.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.86%
47) 2-Hexanone-d5	8.11	63	100722	85.57	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.57%
57) 1,1,1,2,2-Tetrachloroethane-	10.23	84	174668	45.21	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.42%
64) 1,2-Dichlorobenzene-d4	11.65	152	165065	48.21	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.42%

Target Compounds

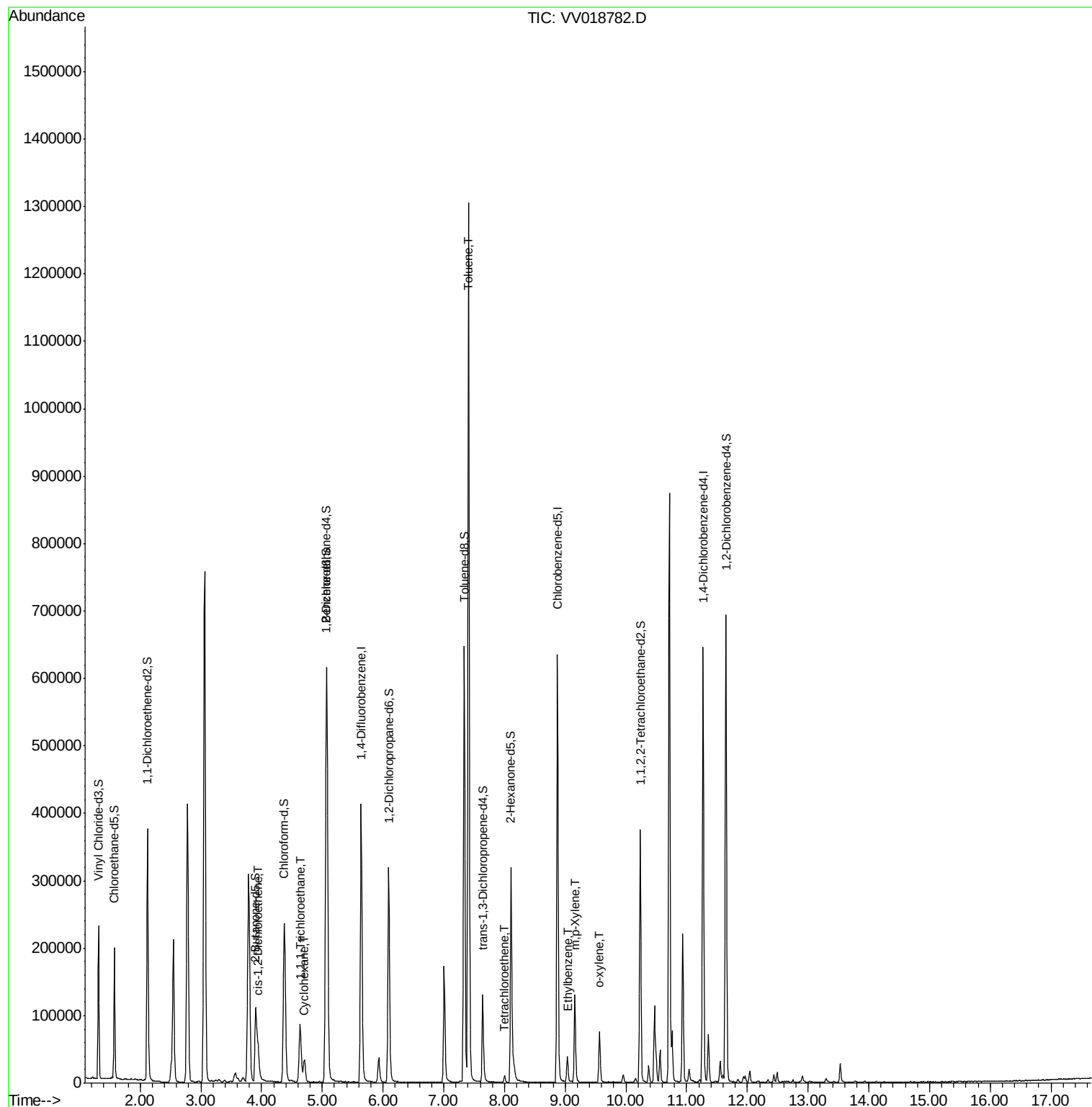
					Ovalue
20) cis-1,2-Dichloroethene	3.95	96	18706	7.275	ug/L 98
29) Cyclohexane	4.71	56	17476	4.509	ug/L 95
30) 1,1,1-Trichloroethane	4.63	97	68642	16.093	ug/L 100
42) Toluene	7.41	91	889599	85.303	ug/L 99
46) Tetrachloroethene	7.99	164	2236	1.044	ug/L 90
52) Ethylbenzene	9.04	91	27160	2.293	ug/L 98
53) m,p-Xylene	9.16	106	35294	8.119	ug/L 97
54) o-xylene	9.57	106	18883	4.574	ug/L 94

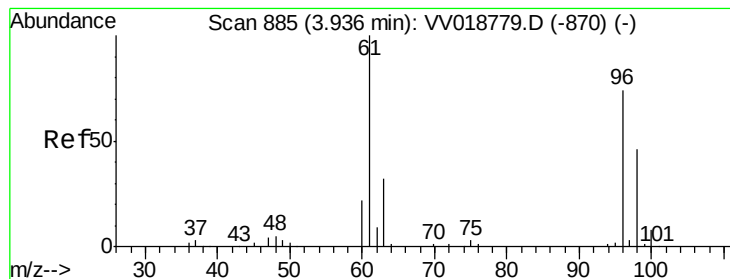
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Oct 09 07:31:27 2020
Response via : Initial Calibration





#20

cis-1,2-Dichloroethene

Concen: 7.275 ug/L

RT: 3.95 min Scan# 888

Delta R.T. 0.01 min

Lab File: VV018782.D

Acq: 09 Oct 2020 00:14

Instrument :

MSVOA_V

ClientSampleId :

BG3N9DL

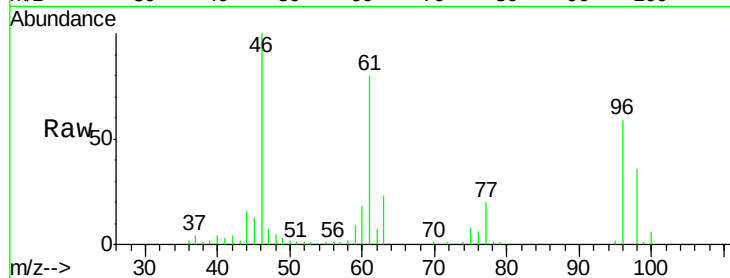
Tot Ion: 96 Resp: 18706

Ion Ratio Lower Upper

96 100

61 136.7 97.3 180.7

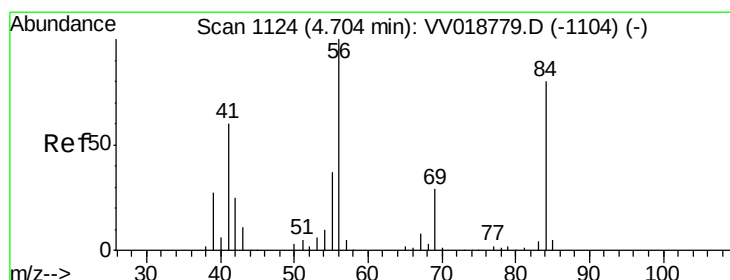
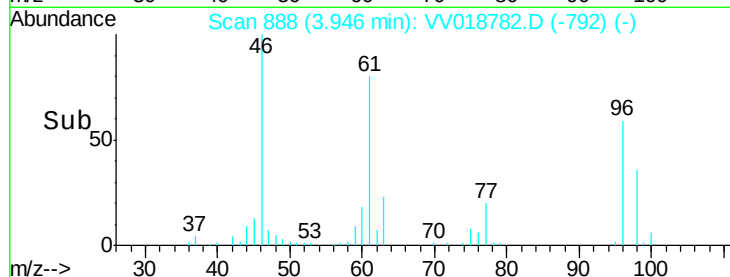
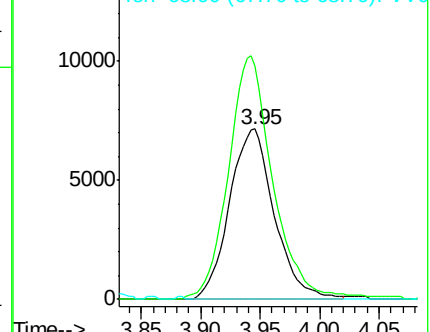
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 68.00 (67.70 to 68.70): VV0



#29

Cyclohexane

Concen: 4.509 ug/L

RT: 4.71 min Scan# 1125

Delta R.T. 0.00 min

Lab File: VV018782.D

Acq: 09 Oct 2020 00:14

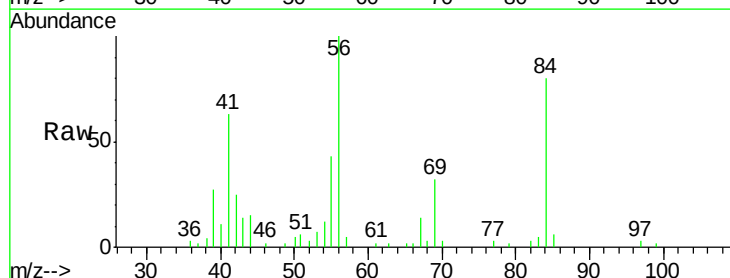
Tgt Ion: 56 Resp: 17476

Ion Ratio Lower Upper

56 100

69 30.2 23.1 34.7

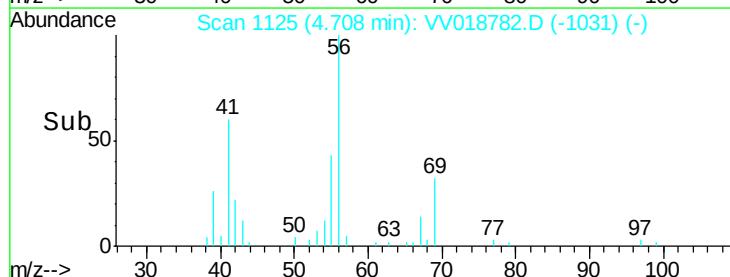
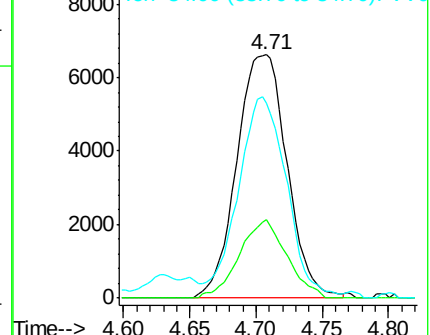
84 75.7 65.2 97.8

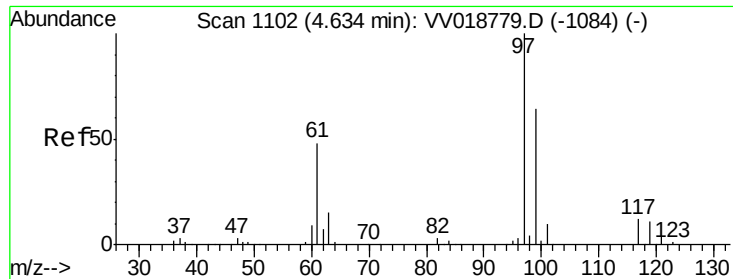


Abundance Ion 56.00 (55.70 to 56.70): VV0

Ion 69.00 (68.70 to 69.70): VV0

Ion 84.00 (83.70 to 84.70): VV0

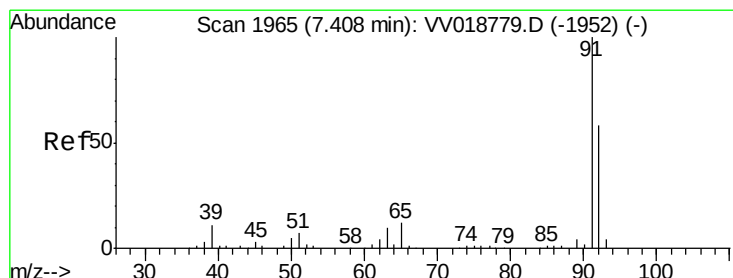
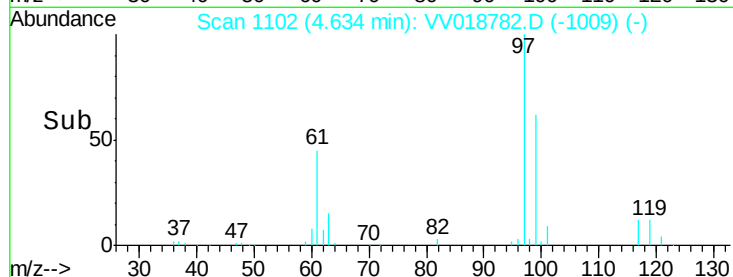
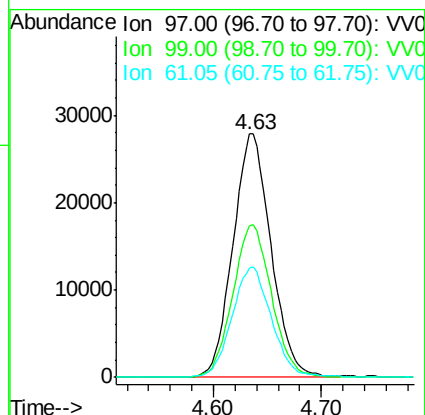
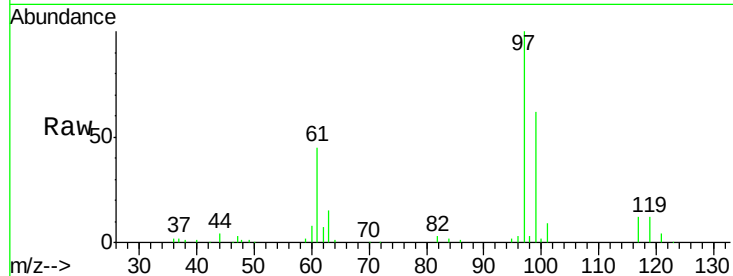




#30
 1,1,1-Trichloroethane
 Concen: 16.093 ug/L
 RT: 4.63 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: VV018782.D
 Acq: 09 Oct 2020 00:14

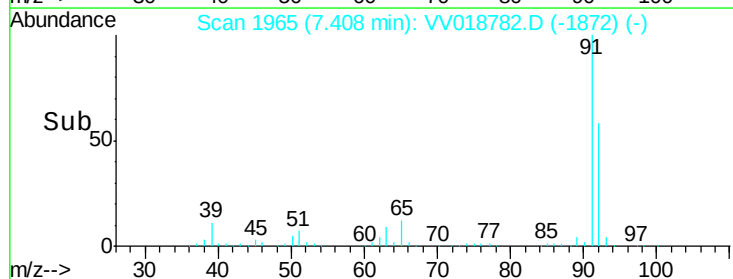
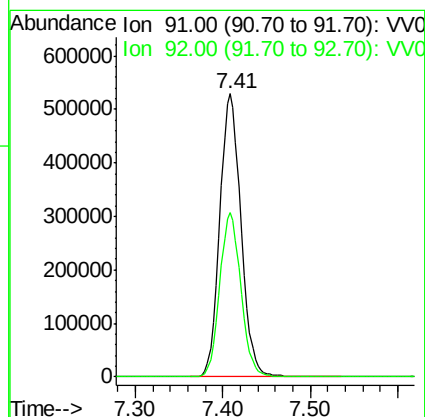
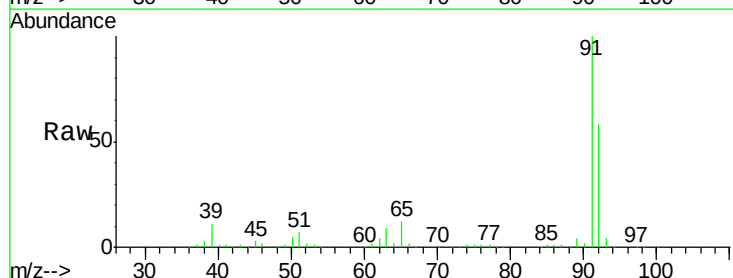
Instrument :
 MSVOA_V
 ClientSampled :
 BG3N9DL

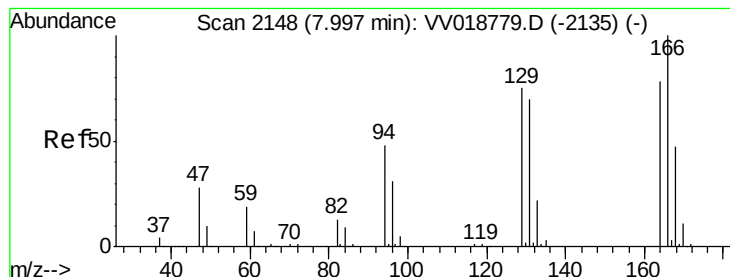
Tot Ion: 97 Resp: 68642
 Ion Ratio Lower Upper
 97 100
 99 63.6 51.0 76.4
 61 46.6 37.0 55.4



#42
 Toluene
 Concen: 85.303 ug/L
 RT: 7.41 min Scan# 1965
 Delta R.T. 0.00 min
 Lab File: VV018782.D
 Acq: 09 Oct 2020 00:14

Tgt Ion: 91 Resp: 889599
 Ion Ratio Lower Upper
 91 100
 92 58.0 39.8 74.0





#46

Tetrachloroethene

Concen: 1.044 ug/L

RT: 7.99 min Scan# 2147

Delta R.T. -0.00 min

Lab File: VV018782.D

Acq: 09 Oct 2020 00:14

Instrument :

MSVOA_V

ClientSampleId :

BG3N9DL

Tot Ion:164 Resp: 2236

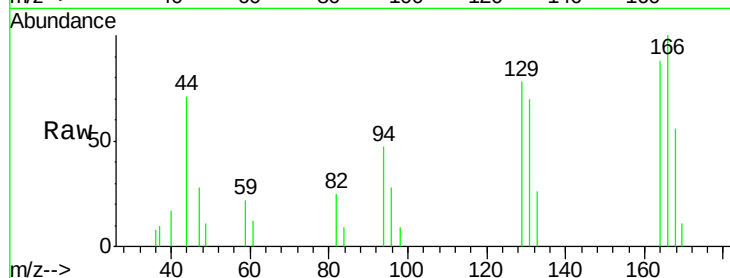
Ion Ratio Lower Upper

164 100

129 87.8 64.6 120.0

131 79.5 63.6 118.0

166 113.1 88.3 164.1

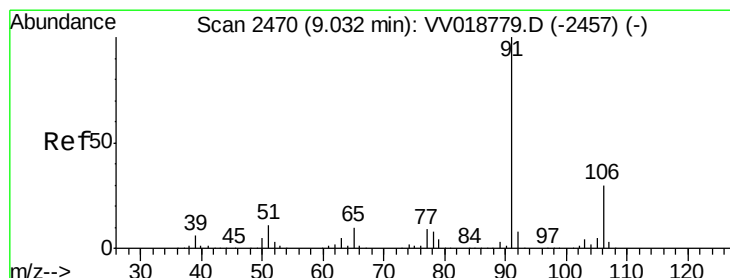
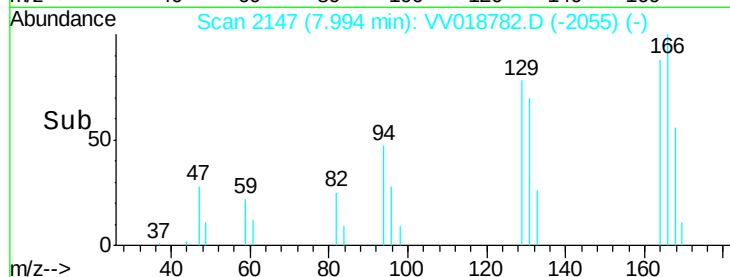
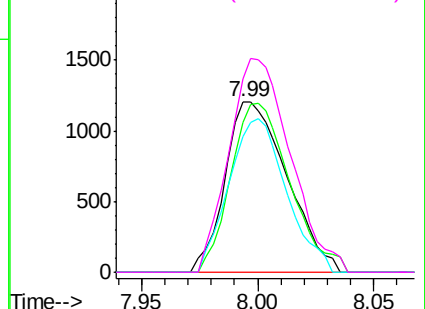


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#52

Ethylbenzene

Concen: 2.293 ug/L

RT: 9.04 min Scan# 2471

Delta R.T. 0.00 min

Lab File: VV018782.D

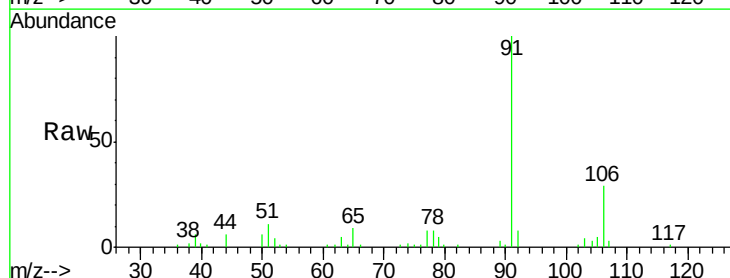
Acq: 09 Oct 2020 00:14

Tgt Ion: 91 Resp: 27160

Ion Ratio Lower Upper

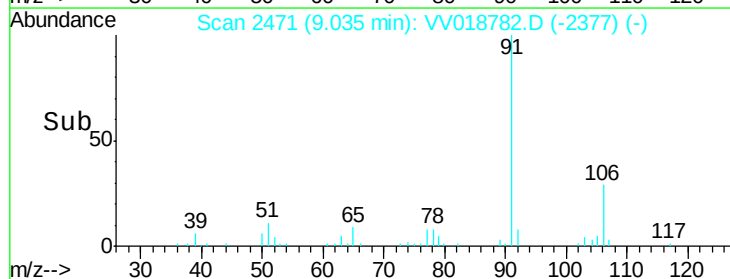
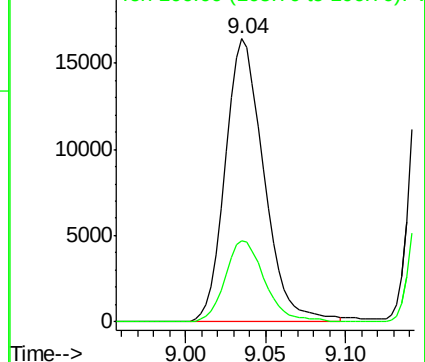
91 100

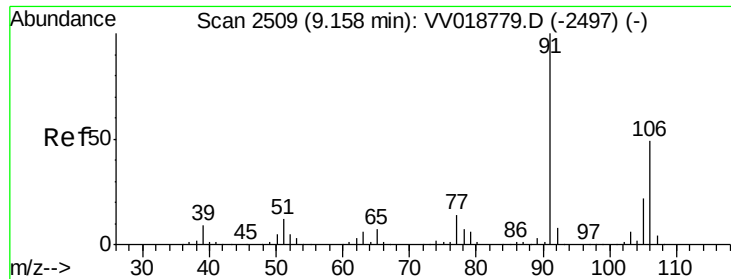
106 28.8 20.9 38.9



Abundance Ion 91.00 (90.70 to 91.70): VV0

Ion 106.00 (105.70 to 106.70): V





#53

m,p-Xylene

Concen: 8.119 ug/L

RT: 9.16 min Scan# 2510

Delta R.T. 0.00 min

Lab File: VV018782.D

Acq: 09 Oct 2020 00:14

Instrument :

MSVOA_V

ClientSampleID :

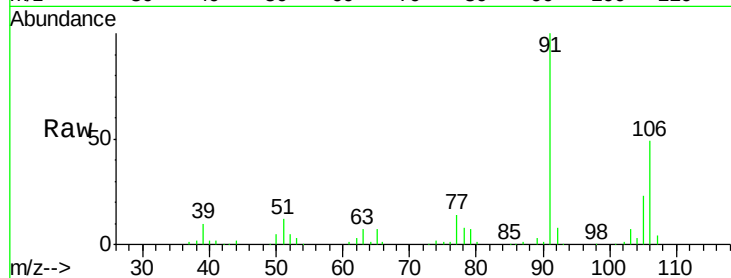
BG3N9DL

Tot Ion:106 Resp: 35294

Ion Ratio Lower Upper

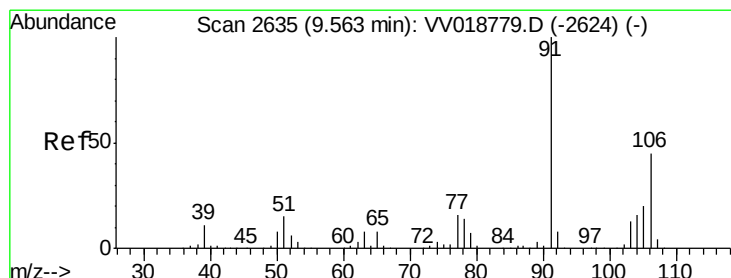
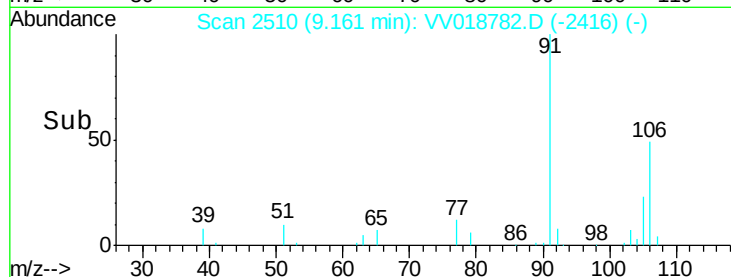
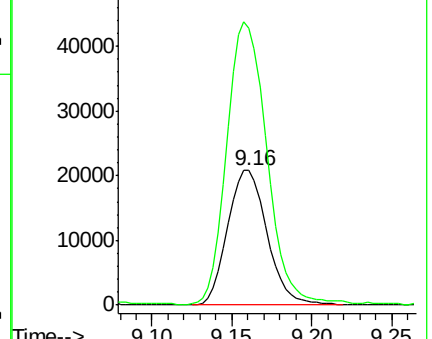
106 100

91 206.1 147.1 273.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0



#54

o-xylene

Concen: 4.574 ug/L

RT: 9.57 min Scan# 2636

Delta R.T. 0.00 min

Lab File: VV018782.D

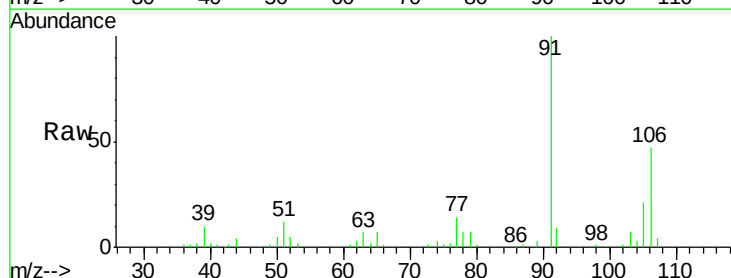
Acq: 09 Oct 2020 00:14

Tgt Ion:106 Resp: 18883

Ion Ratio Lower Upper

106 100

91 214.1 156.8 291.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0

