

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061120\
 Data File : VV016861.D
 Acq On : 12 Jun 2020 05:07
 Operator : SY/MD
 Sample : L2915-06 500X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 12 06:01:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 12 05:55:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	367463	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	344232	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	160102	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	106928	41.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.48%
7) Chloroethane-d5	1.56	69	69861	44.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.80%
11) 1,1-Dichloroethene-d2	2.12	63	144796	33.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.52%
21) 2-Butanone-d5	3.90	46	164091	85.50	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.50%
24) Chloroform-d	4.37	84	226191	42.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.80%
26) 1,2-Dichloroethane-d4	5.05	65	162807	45.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.80%
32) Benzene-d6	5.07	84	438679	44.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.42%
36) 1,2-Dichloropropane-d6	6.09	67	134032	43.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.66%
41) Toluene-d8	7.34	98	400530	43.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.98%
43) trans-1,3-Dichloropropene-	7.64	79	63364	39.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.66%
47) 2-Hexanone-d5	8.11	63	95311	70.68	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	70.68%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	165280	40.36	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	80.72%
64) 1,2-Dichlorobenzene-d4	11.65	152	163043	47.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.44%

Target Compounds

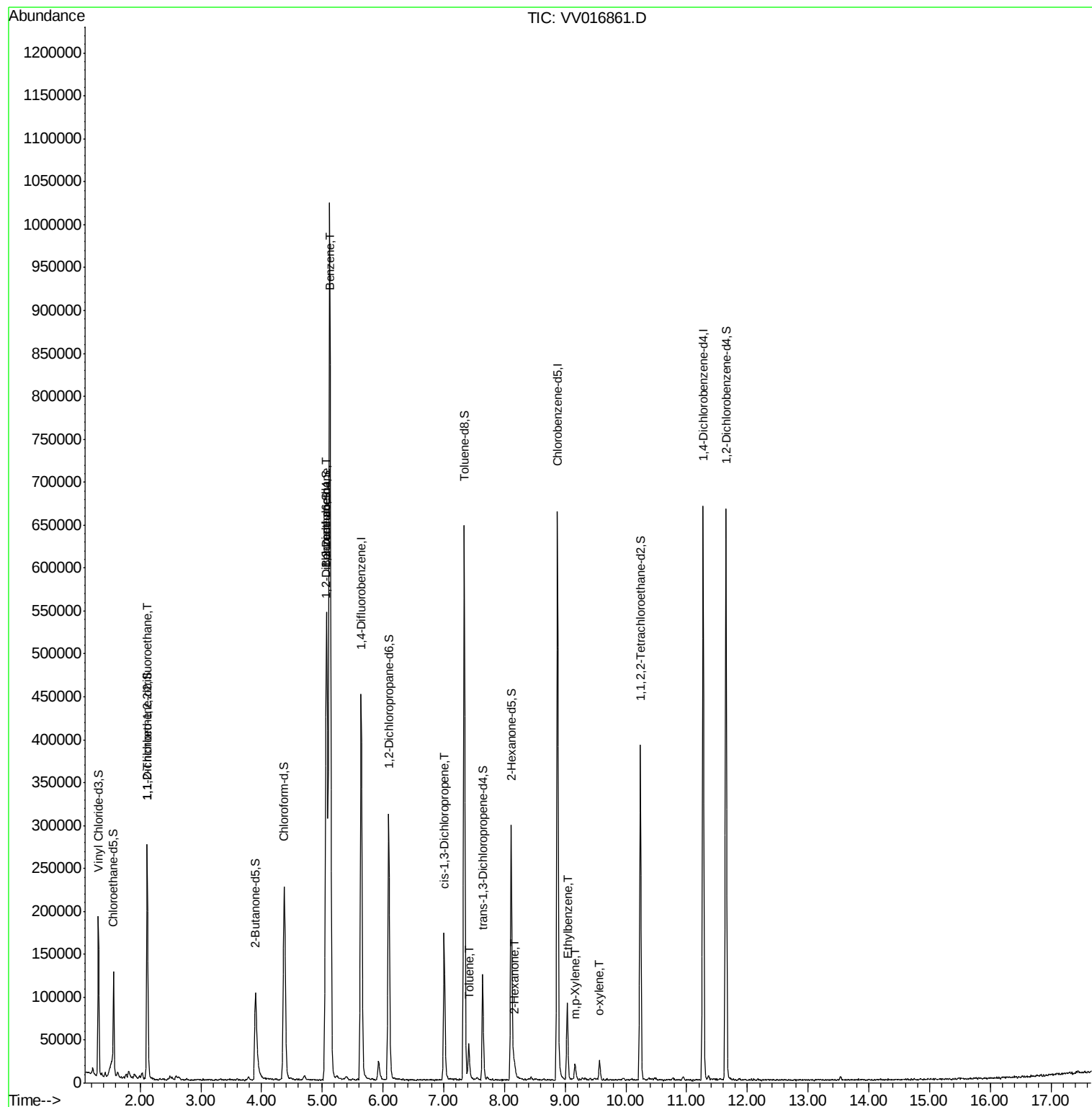
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1275	0.653 ug/L #	21
27) 1,2-Dichloroethane	5.07	62	2904	0.720 ug/L	99
33) Benzene	5.12	78	989026	97.108 ug/L	100
39) cis-1,3-Dichloropropene	7.01	75	4275	1.039 ug/L #	71
42) Toluene	7.41	91	30157	2.809 ug/L	99
48) 2-Hexanone	8.16	43	11589	3.982 ug/L #	85
52) Ethylbenzene	9.04	91	60242	5.066 ug/L	99
53) m,p-Xylene	9.16	106	5258	1.187 ug/L	84
54) o-xylene	9.56	106	5687	1.302 ug/L	88

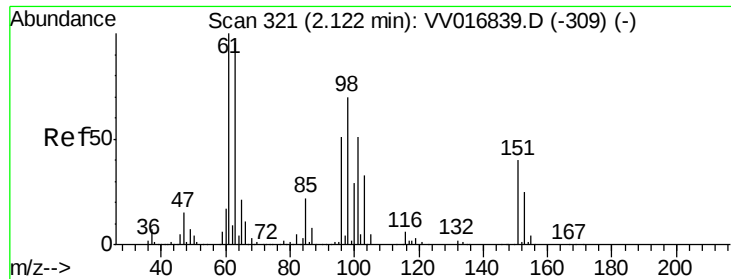
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Jun 12 05:55:11 2020
Response via : Initial Calibration





#10

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

Concen: 0.653 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.01 min

Lab File: VV016861.D

Acq: 12 Jun 2020 05:07

Instrument :

MSVOA_V

ClientSampleId :

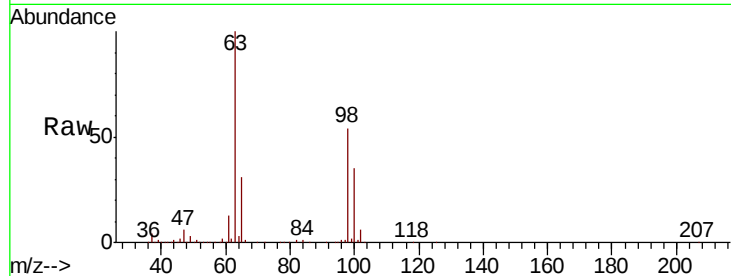
Tot Ion:101 Resp: 1275

Ion Ratio Lower Upper

101 100

85 6.9 35.5 53.3#

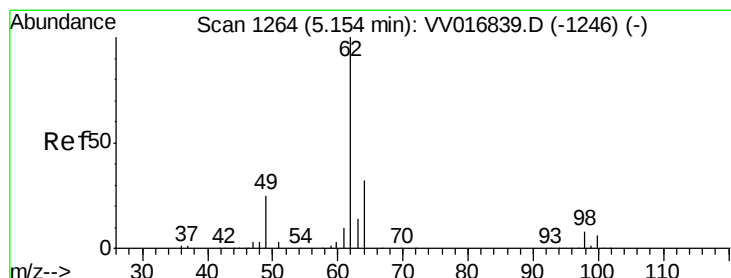
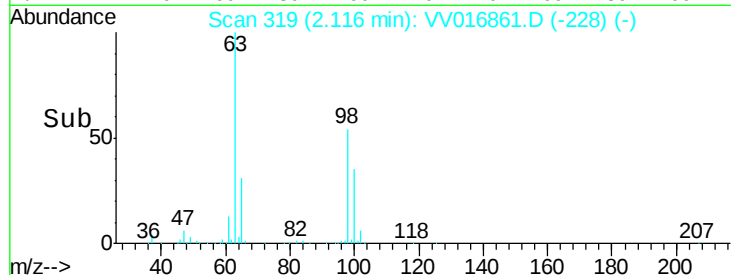
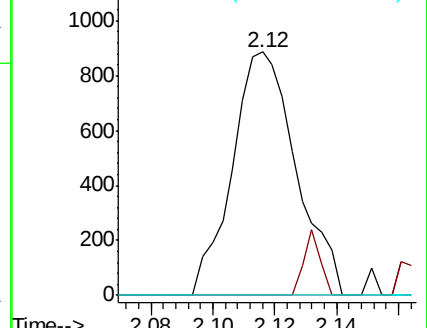
151 0.0 63.9 95.9#



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



#27

1,2-Dichloroethane

Concen: 0.720 ug/L

RT: 5.07 min Scan# 1238

Delta R.T. -0.08 min

Lab File: VV016861.D

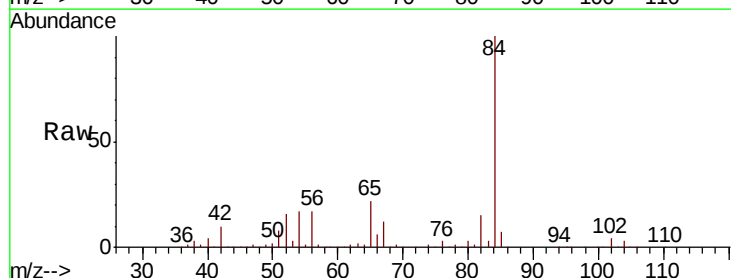
Acq: 12 Jun 2020 05:07

Tgt Ion: 62 Resp: 2904

Ion Ratio Lower Upper

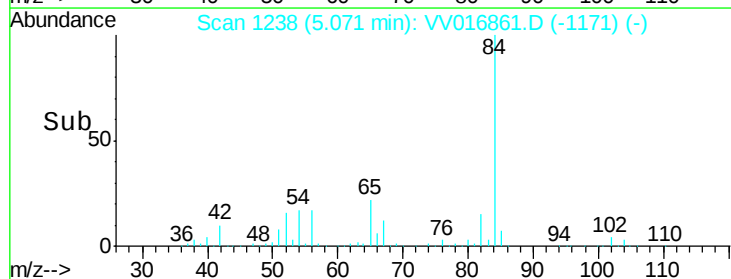
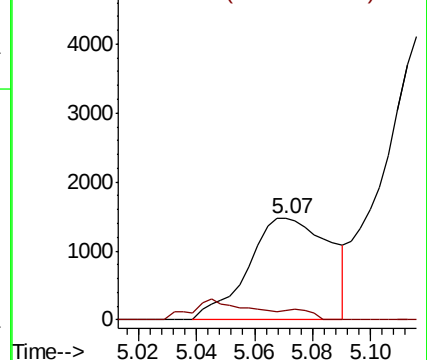
62 100

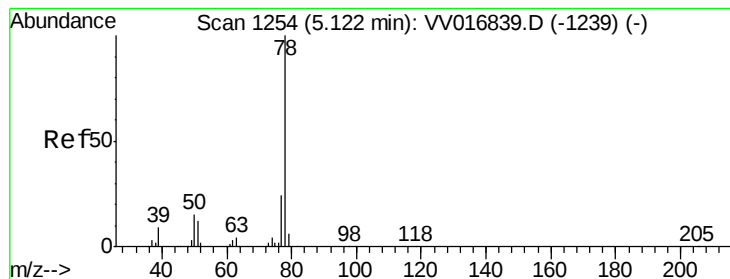
98 9.7 7.4 11.2



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.00 (97.70 to 98.70): VV0





#33

Benzene

Concen: 97.108 ug/L

RT: 5.12 min Scan# 1254

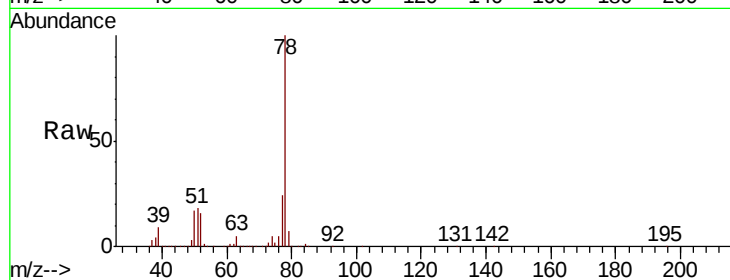
Delta R.T. 0.00 min

Lab File: VV016861.D

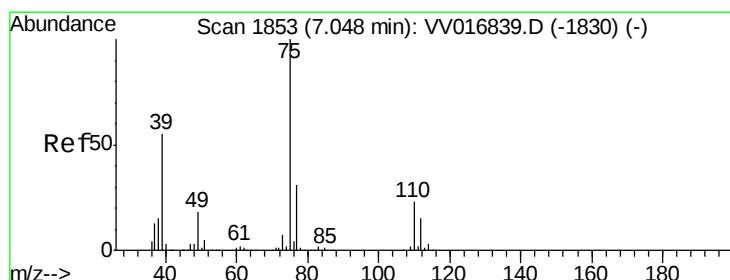
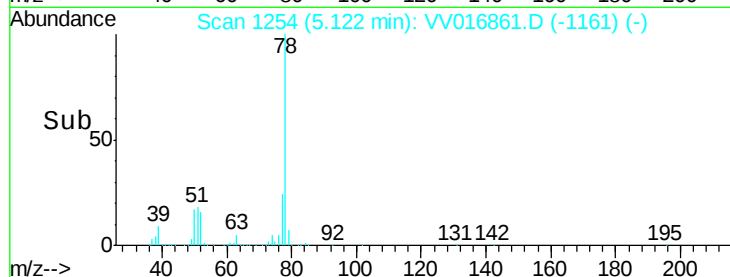
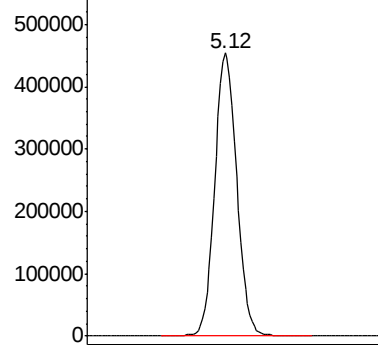
Acq: 12 Jun 2020 05:07

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 78 Resp: 989026



Abundance Ion 78.00 (77.70 to 78.70): VV0



#39

cis-1,3-Dichloropropene

Concen: 1.039 ug/L

RT: 7.01 min Scan# 1840

Delta R.T. -0.04 min

Lab File: VV016861.D

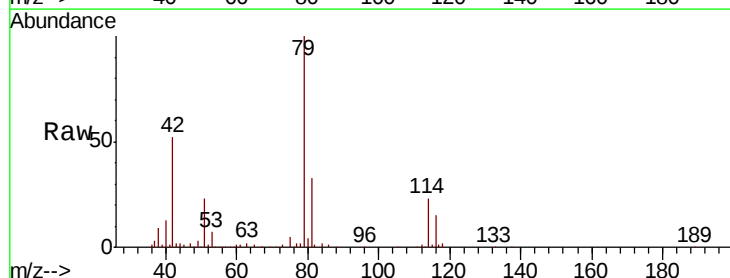
Acq: 12 Jun 2020 05:07

Tgt Ion: 75 Resp: 4275

Ion Ratio Lower Upper

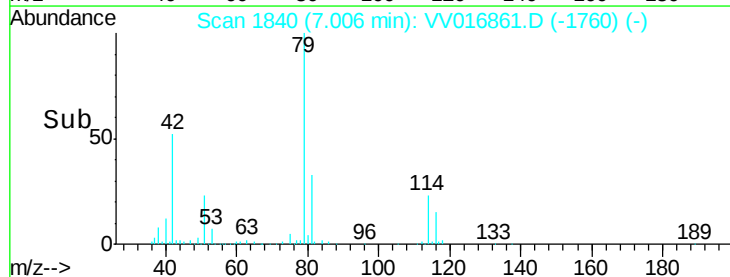
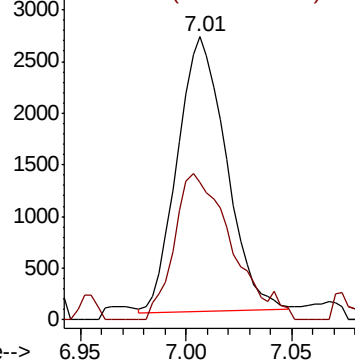
75 100

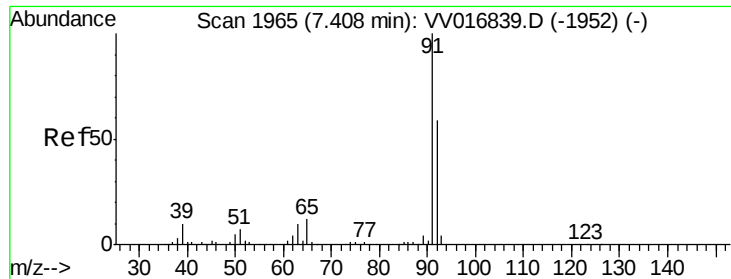
77 48.4 22.7 42.1#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0





#42

Toluene

Concen: 2.809 ug/L

RT: 7.41 min Scan# 1966

Delta R.T. 0.00 min

Lab File: VV016861.D

Acq: 12 Jun 2020 05:07

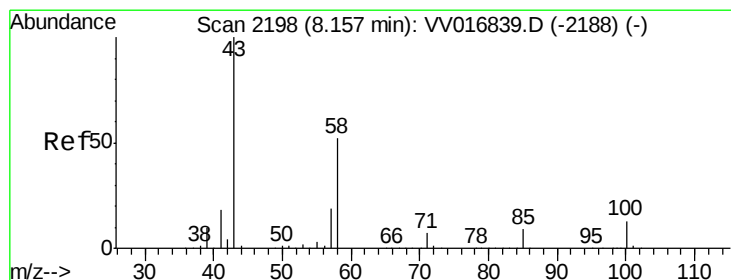
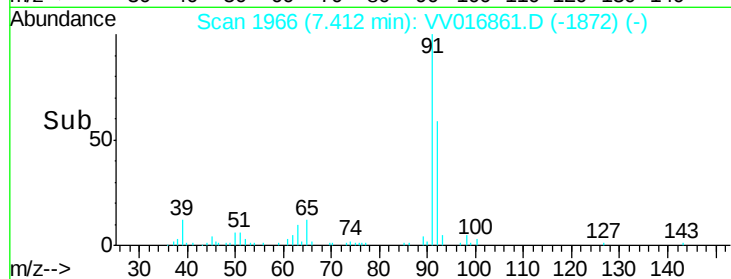
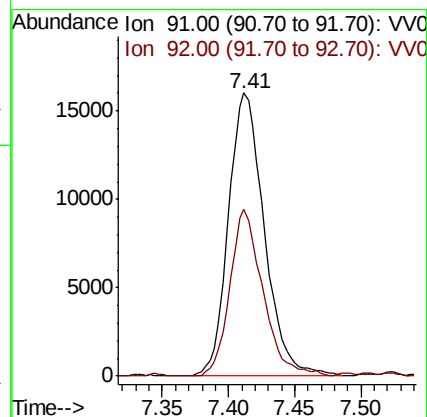
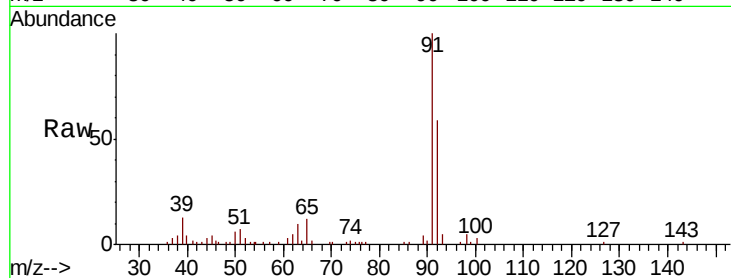
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 91 Resp: 30157

Ion Ratio Lower Upper

91 100

92 58.8 40.4 75.0



#48

2-Hexanone

Concen: 3.982 ug/L

RT: 8.16 min Scan# 2200

Delta R.T. 0.01 min

Lab File: VV016861.D

Acq: 12 Jun 2020 05:07

Tgt Ion: 43 Resp: 11589

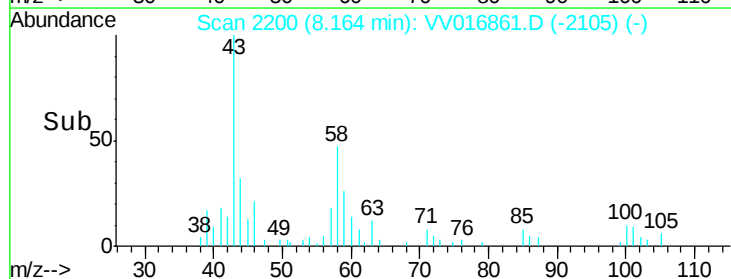
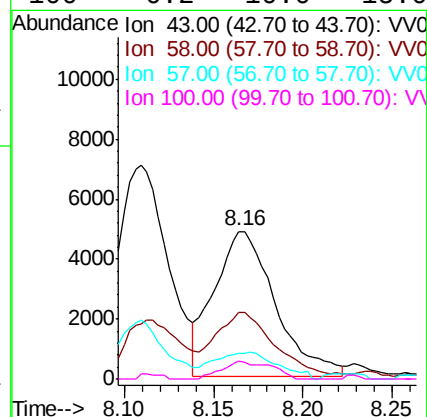
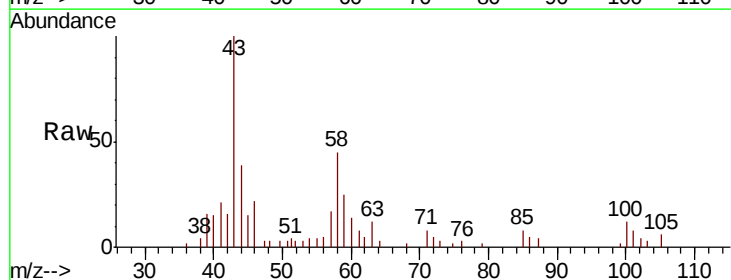
Ion Ratio Lower Upper

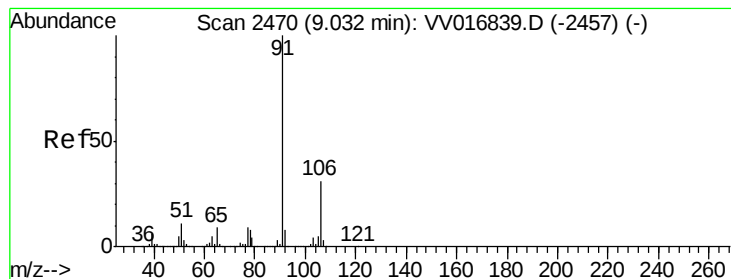
43 100

58 41.5 43.1 64.7#

57 14.8 15.3 22.9#

100 6.2 10.0 15.0#





#52

Ethylbenzene

Concen: 5.066 ug/L

RT: 9.04 min Scan# 2471

Delta R.T. 0.00 min

Lab File: VV016861.D

Acq: 12 Jun 2020 05:07

Instrument :

MSVOA_V

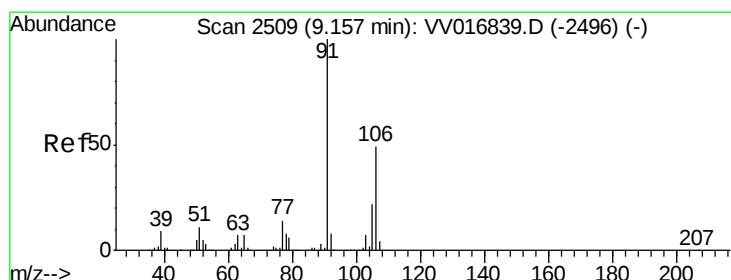
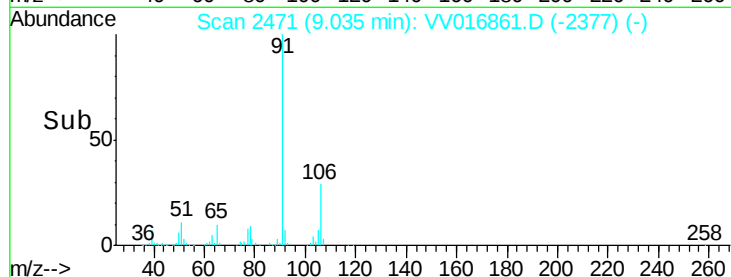
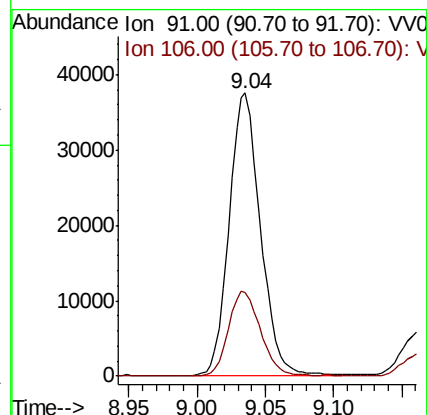
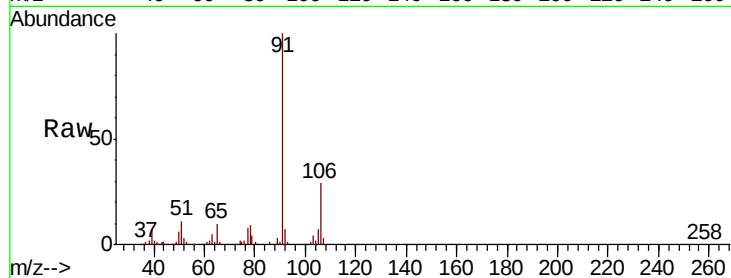
ClientSampleId :

Tot Ion: 91 Resp: 60242

Ion Ratio Lower Upper

91 100

106 29.5 21.1 39.1



#53

m,p-Xylene

Concen: 1.187 ug/L

RT: 9.16 min Scan# 2511

Delta R.T. 0.01 min

Lab File: VV016861.D

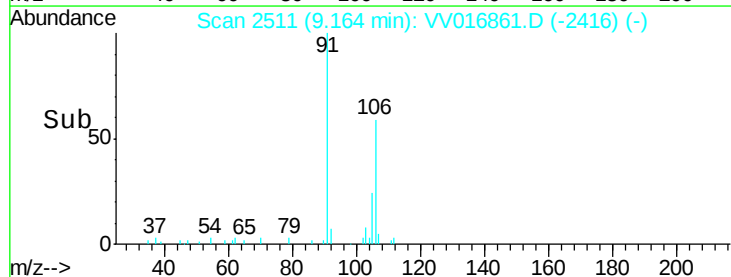
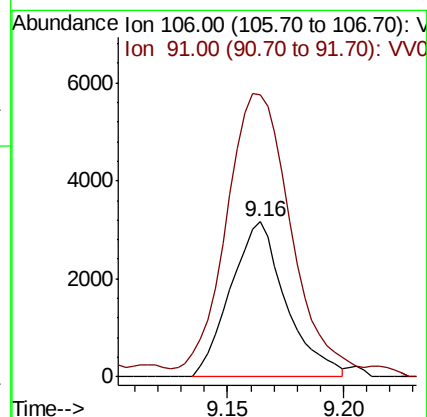
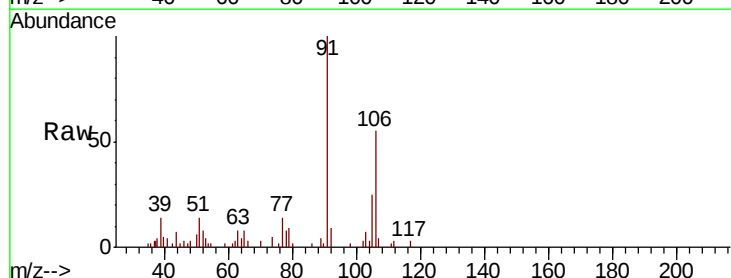
Acq: 12 Jun 2020 05:07

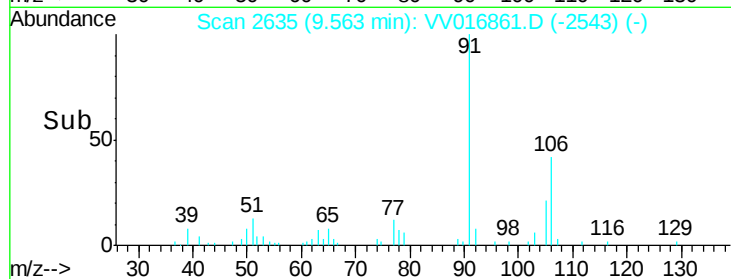
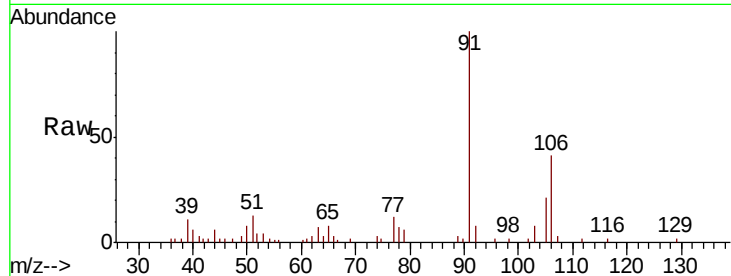
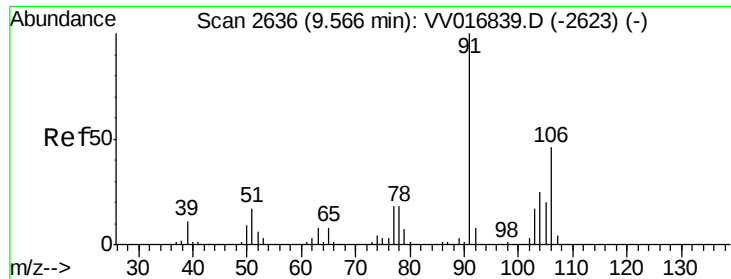
Tgt Ion: 106 Resp: 5258

Ion Ratio Lower Upper

106 100

91 182.4 144.6 268.6





#54
o-xylene
Concen: 1.302 ug/L
RT: 9.56 min Scan# 2635
Delta R.T. -0.00 min
Lab File: VV016861.D
Acq: 12 Jun 2020 05:07

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:106 Resp: 5687
Ion Ratio Lower Upper
106 100
91 242.3 155.9 289.5

