

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061120\
 Data File : VV016862.D
 Acq On : 12 Jun 2020 05:31
 Operator : SY/MD
 Sample : L2915-07 500X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 12 06:02:06 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	359286	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	333910	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	156740	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	106718	42.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.18%
7) Chloroethane-d5	1.56	69	60780	39.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.90%
11) 1,1-Dichloroethene-d2	2.12	63	142986	33.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.18%
21) 2-Butanone-d5	3.90	46	164957	87.91	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.91%
24) Chloroform-d	4.37	84	220050	42.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.38%
26) 1,2-Dichloroethane-d4	5.05	65	163189	46.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.08%
32) Benzene-d6	5.07	84	436033	45.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.60%
36) 1,2-Dichloropropane-d6	6.09	67	134095	44.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.38%
41) Toluene-d8	7.34	98	397511	45.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.00%
43) trans-1,3-Dichloropropene-	7.64	79	62406	39.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.88%
47) 2-Hexanone-d5	8.11	63	95294	72.85	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	72.85%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	165712	41.72	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.44%
64) 1,2-Dichlorobenzene-d4	11.65	152	160464	47.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.94%

Target Compounds

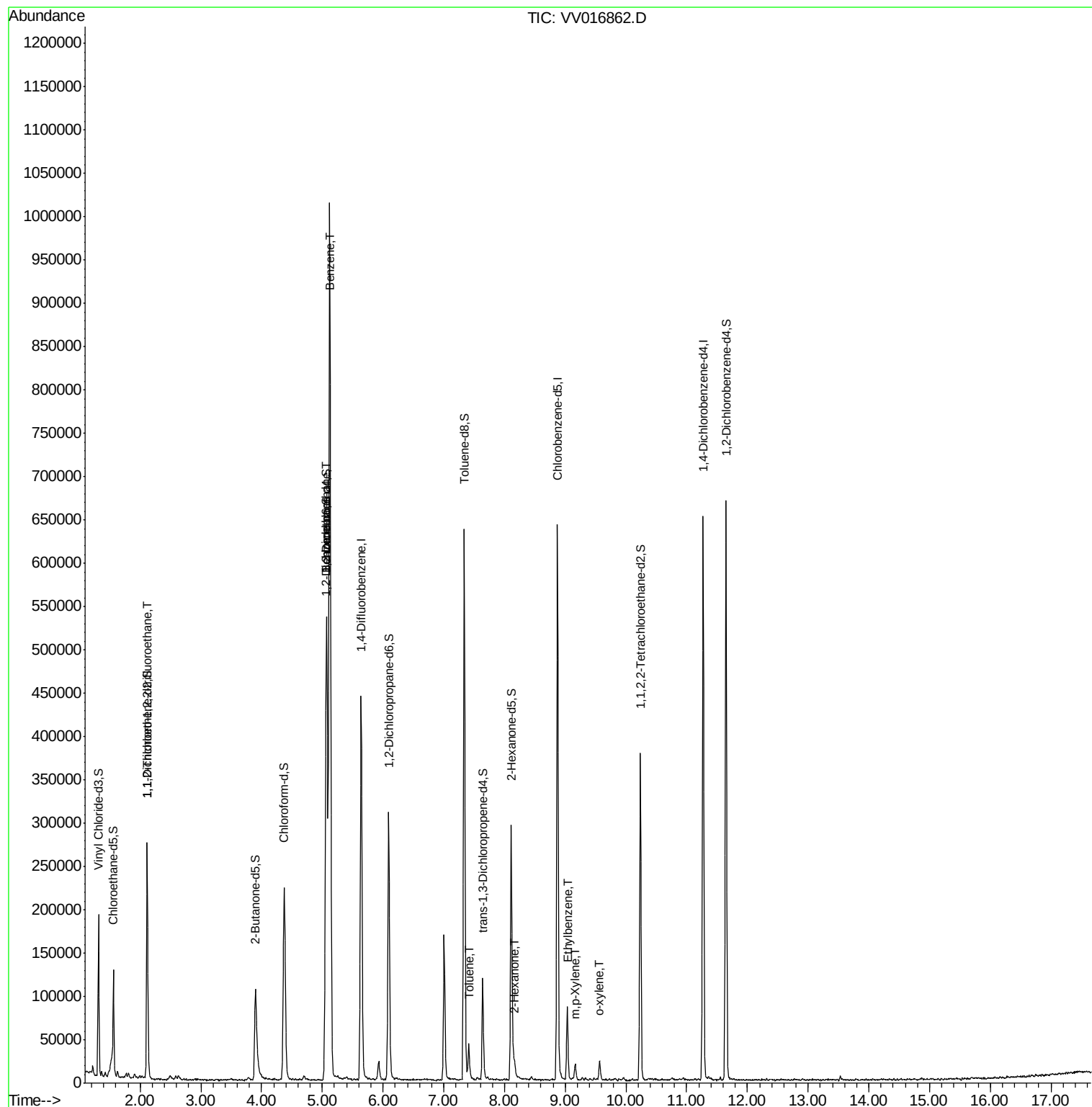
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	1359	0.711 ug/L #	20
27) 1,2-Dichloroethane	5.07	62	2954	0.749 ug/L	99
33) Benzene	5.12	78	966188	97.798 ug/L	100
42) Toluene	7.41	91	27179	2.610 ug/L	100
48) 2-Hexanone	8.16	43	9863	3.494 ug/L #	97
52) Ethylbenzene	9.04	91	55464	4.808 ug/L	97
53) m,p-Xylene	9.16	106	5124	1.193 ug/L	91
54) o-xylene	9.57	106	5838	1.378 ug/L	81

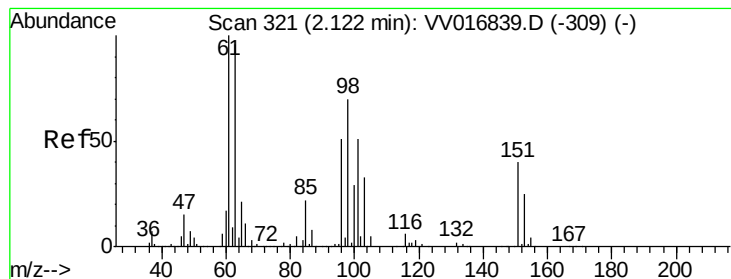
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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





#10

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

Concen: 0.711 ug/L

RT: 2.11 min Scan# 318

Delta R.T. -0.01 min

Lab File: VV016862.D

Acq: 12 Jun 2020 05:31

Instrument :

MSVOA_V

ClientSampleId :

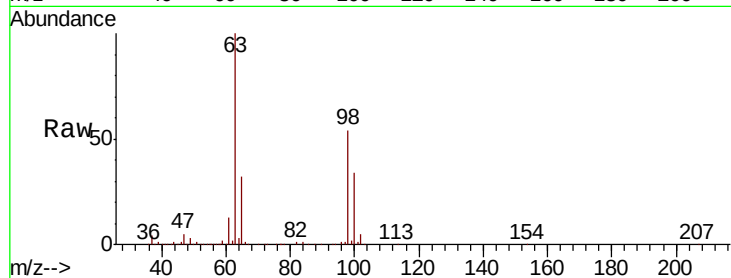
Tot Ion:101 Resp: 1359

Ion Ratio Lower Upper

101 100

85 4.0 35.5 53.3#

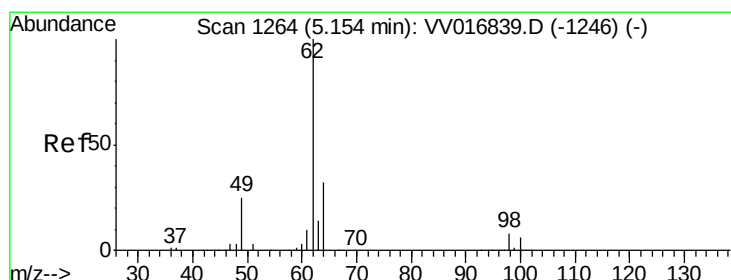
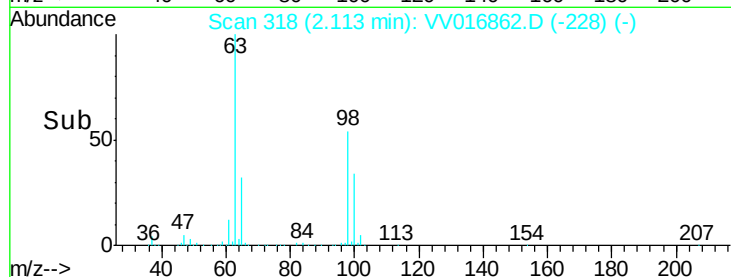
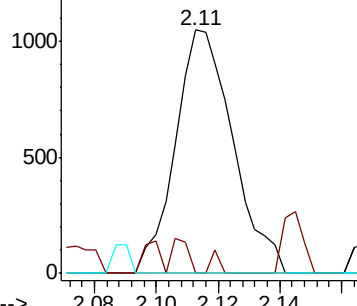
151 0.0 63.9 95.9#



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: 0.749 ug/L

RT: 5.07 min Scan# 1238

Delta R.T. -0.08 min

Lab File: VV016862.D

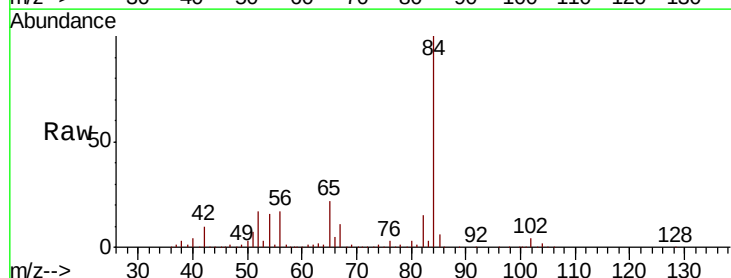
Acq: 12 Jun 2020 05:31

Tgt Ion: 62 Resp: 2954

Ion Ratio Lower Upper

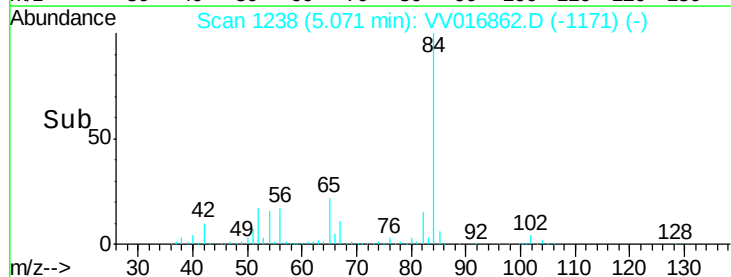
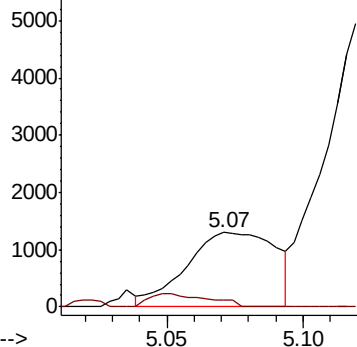
62 100

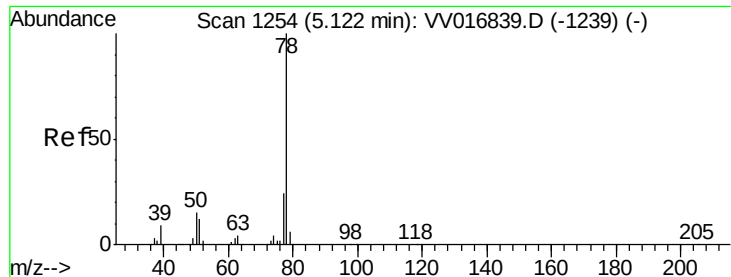
98 9.0 7.4 11.2



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

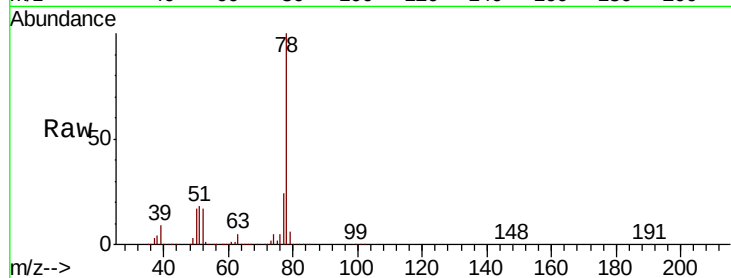




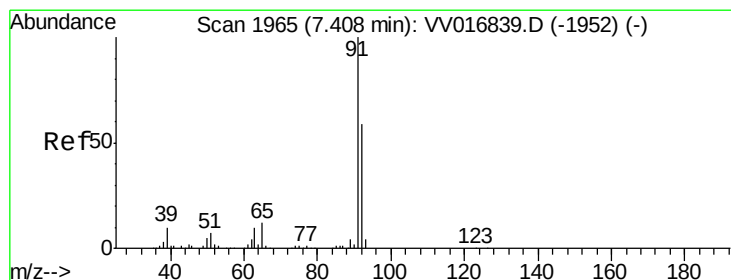
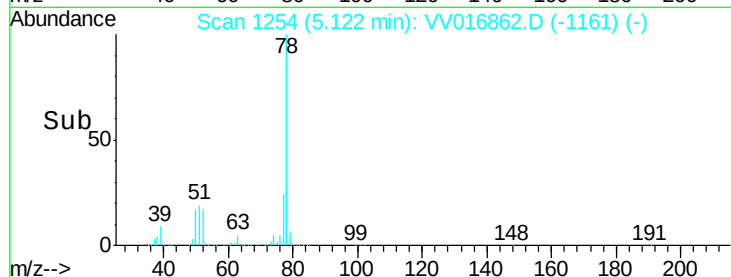
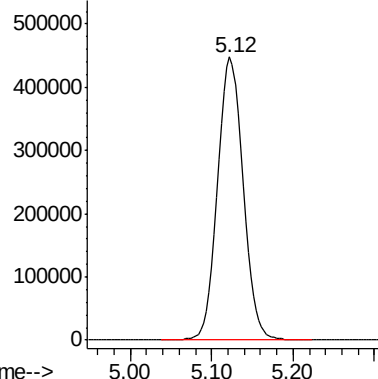
#33
Benzene
Concen: 97.798 ug/L
RT: 5.12 min Scan# 1254
Delta R.T. -0.00 min
Lab File: VV016862.D
Acq: 12 Jun 2020 05:31

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 78 Resp: 966188

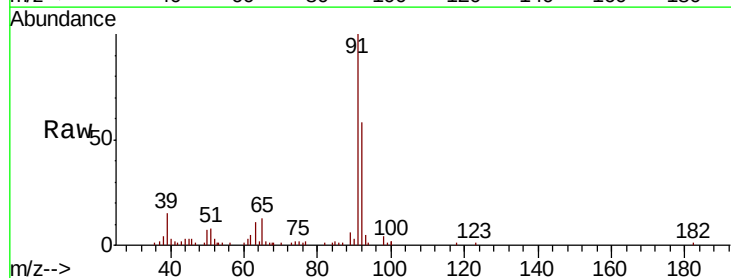


Abundance Ion 78.00 (77.70 to 78.70): VV0



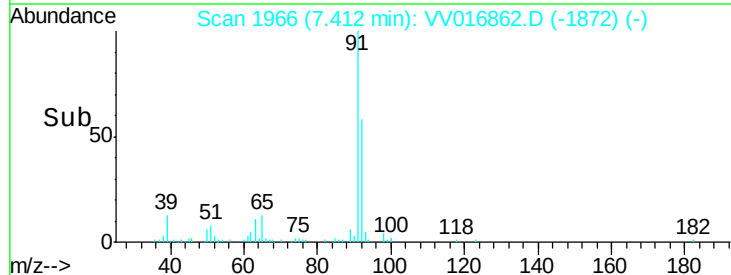
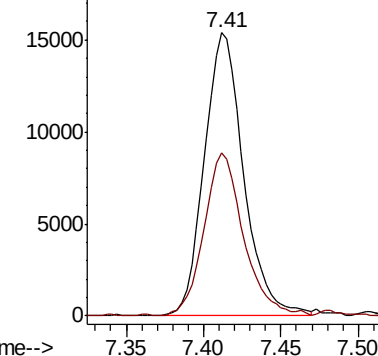
#42
Toluene
Concen: 2.610 ug/L
RT: 7.41 min Scan# 1966
Delta R.T. 0.00 min
Lab File: VV016862.D
Acq: 12 Jun 2020 05:31

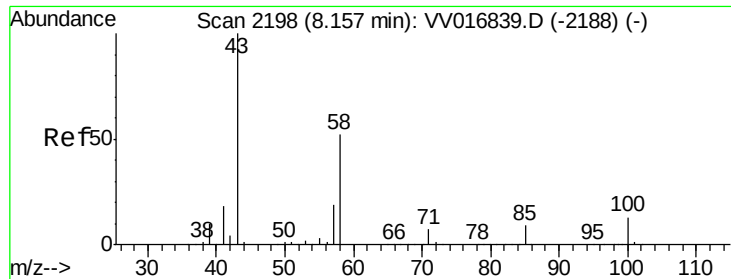
Tgt Ion: 91 Resp: 27179
Ion Ratio Lower Upper
91 100
92 57.6 40.4 75.0



Abundance Ion 91.00 (90.70 to 91.70): VV0

Ion 92.00 (91.70 to 92.70): VV0

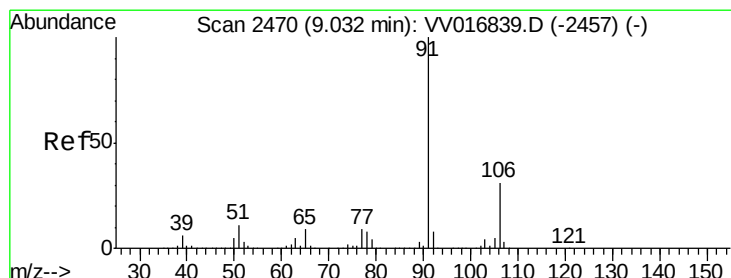
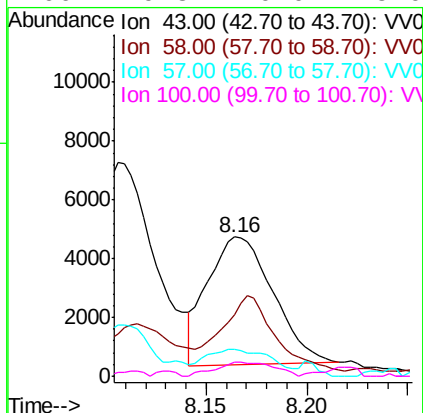
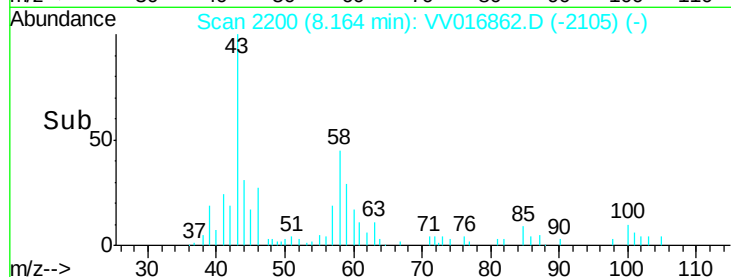
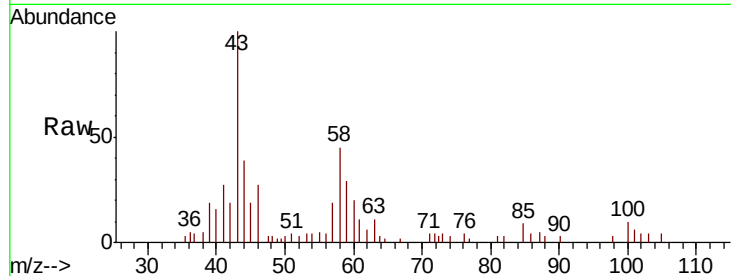




#48
2-Hexanone
Concen: 3.494 ug/L
RT: 8.16 min Scan# 2200
Delta R.T. 0.01 min
Lab File: VV016862.D
Acq: 12 Jun 2020 05:31

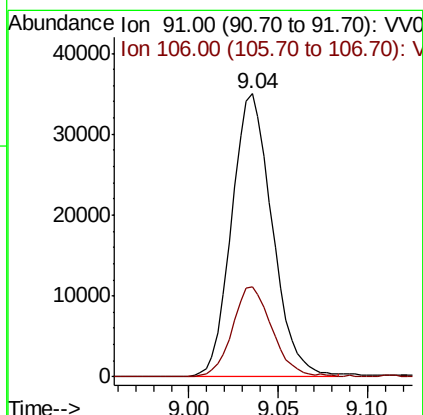
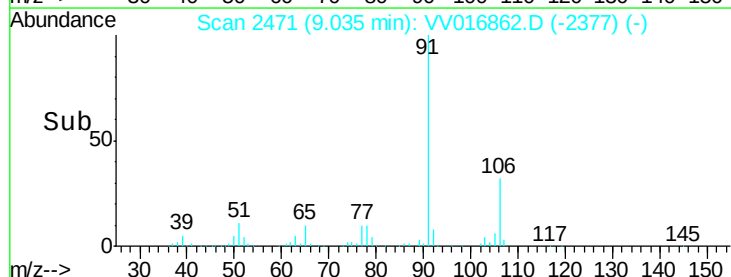
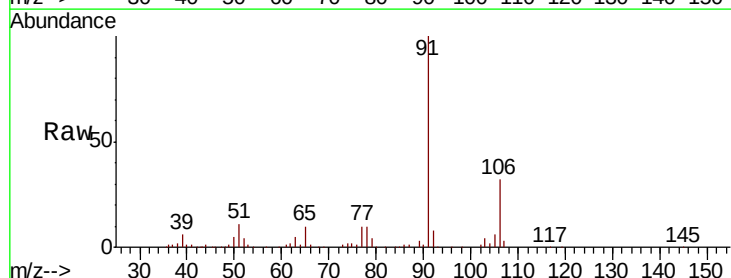
Instrument :
MSVOA_V
ClientSampled :

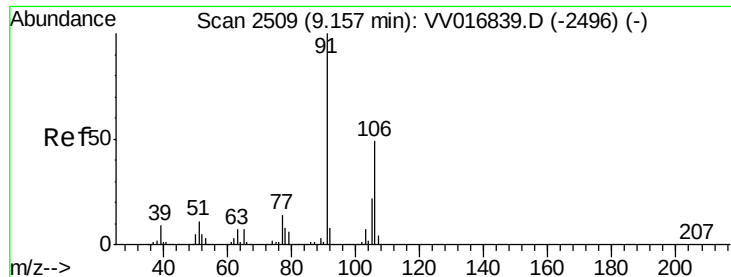
Tot Ion: 43 Resp: 9863
Ion Ratio Lower Upper
43 100
58 55.5 43.1 64.7
57 21.0 15.3 22.9
100 9.8 10.0 15.0#



#52
Ethylbenzene
Concen: 4.808 ug/L
RT: 9.04 min Scan# 2471
Delta R.T. 0.00 min
Lab File: VV016862.D
Acq: 12 Jun 2020 05:31

Tgt Ion: 91 Resp: 55464
Ion Ratio Lower Upper
91 100
106 31.9 21.1 39.1





#53

m,p-Xylene

Concen: 1.193 ug/L

RT: 9.16 min Scan# 2511

Delta R.T. 0.01 min

Lab File: VV016862.D

Acq: 12 Jun 2020 05:31

Instrument :

MSVOA_V

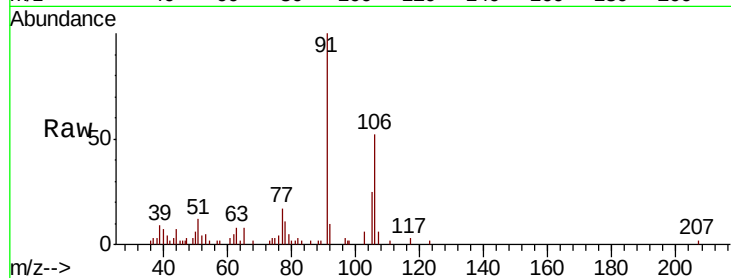
ClientSampled :

Tot Ion:106 Resp: 5124

Ion Ratio Lower Upper

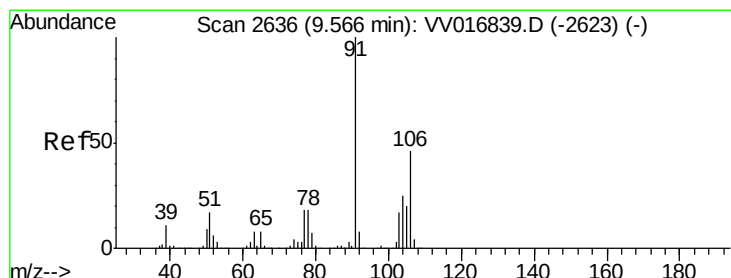
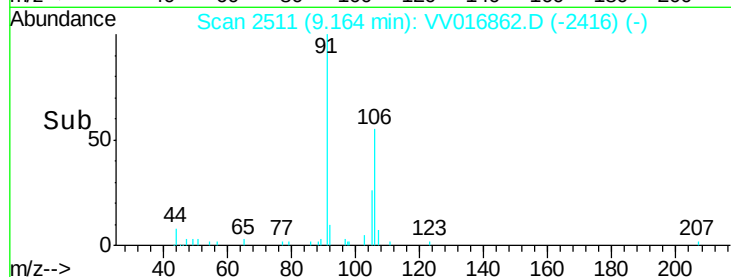
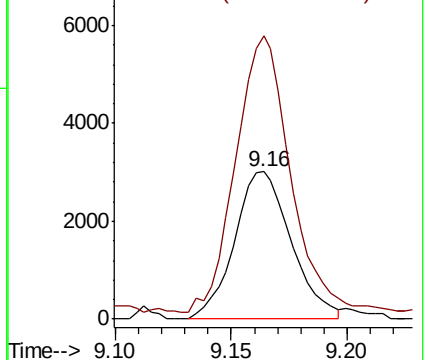
106 100

91 192.0 144.6 268.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0



#54

o-xylene

Concen: 1.378 ug/L

RT: 9.57 min Scan# 2636

Delta R.T. -0.00 min

Lab File: VV016862.D

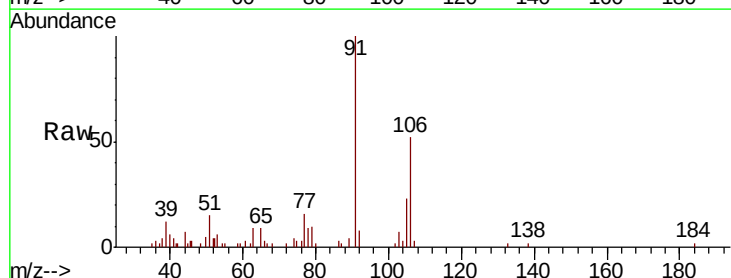
Acq: 12 Jun 2020 05:31

Tgt Ion:106 Resp: 5838

Ion Ratio Lower Upper

106 100

91 192.4 155.9 289.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0

