

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061120\
 Data File : VV016859.D
 Acq On : 12 Jun 2020 04:20
 Operator : SY/MD
 Sample : L2915-04 500X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 12 06:01:28 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	362692	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	342236	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	157328	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	107548	42.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.04%
7) Chloroethane-d5	1.56	69	60246	39.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.46%
11) 1,1-Dichloroethene-d2	2.12	63	147385	34.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.60%
21) 2-Butanone-d5	3.90	46	167672	88.52	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.52%
24) Chloroform-d	4.37	84	223905	43.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.06%
26) 1,2-Dichloroethane-d4	5.05	65	165208	46.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.34%
32) Benzene-d6	5.07	84	443515	44.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.92%
36) 1,2-Dichloropropane-d6	6.09	67	136956	44.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.08%
41) Toluene-d8	7.34	98	400168	44.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.40%
43) trans-1,3-Dichloropropene-	7.64	79	66032	41.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.46%
47) 2-Hexanone-d5	8.11	63	96198	71.75	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	71.75%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	167861	41.23	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.46%
64) 1,2-Dichlorobenzene-d4	11.65	152	159052	47.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.74%

Target Compounds

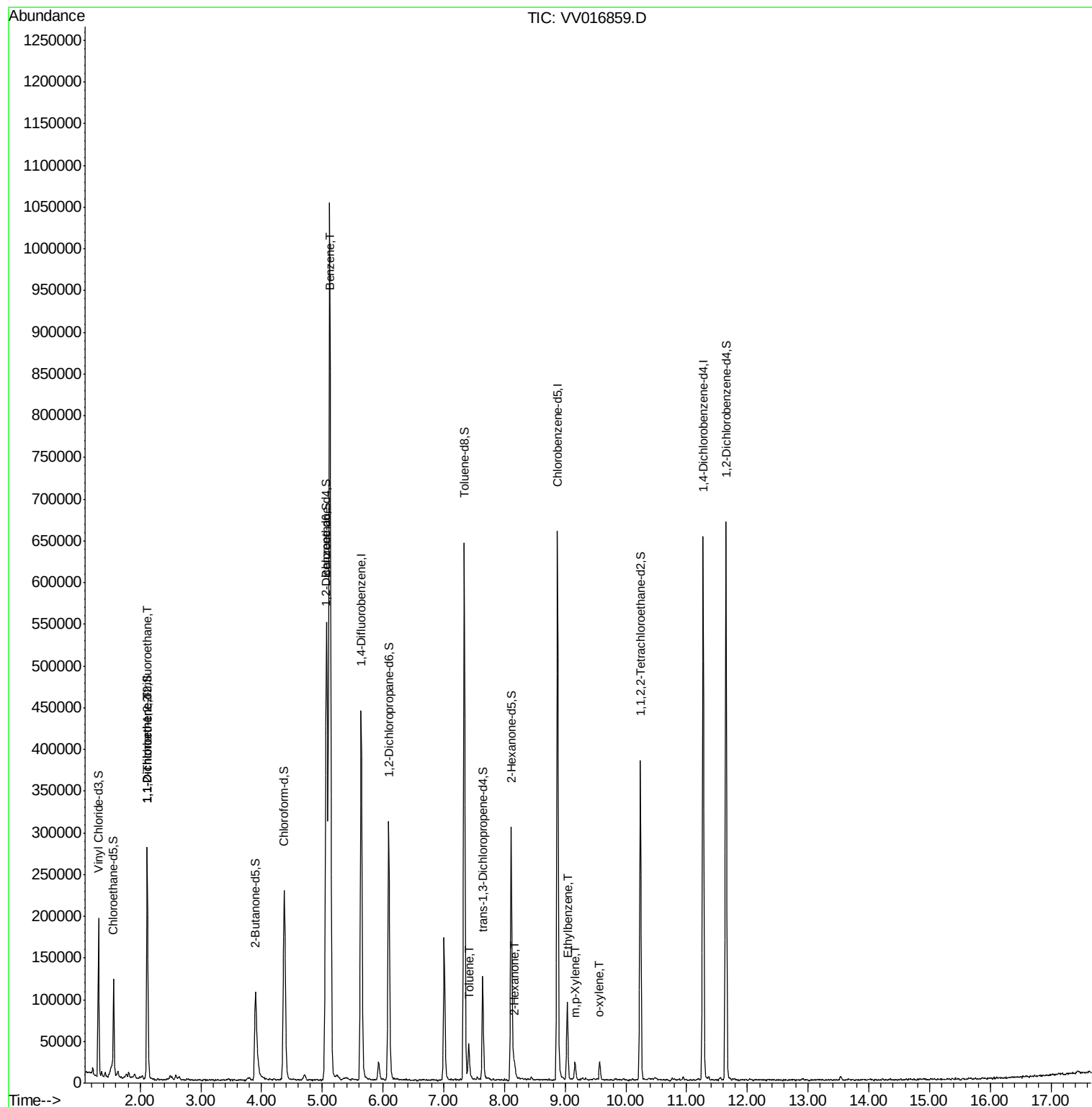
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1360	0.705	ug/L #	21
12) 1,1-Dichloroethene	2.12	96	1432	0.795	ug/L #	1
33) Benzene	5.12	78	1000223	98.780	ug/L	100
42) Toluene	7.41	91	29623	2.775	ug/L	94
48) 2-Hexanone	8.17	43	10521	3.636	ug/L #	87
52) Ethylbenzene	9.04	91	63018	5.330	ug/L	100
53) m,p-Xylene	9.16	106	5367	1.219	ug/L	95
54) o-xylene	9.57	106	5837	1.344	ug/L	86

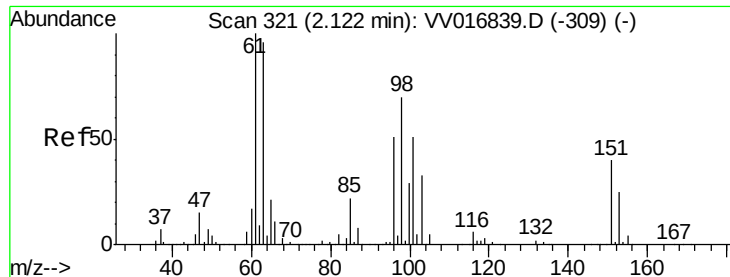
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.705 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.01 min

Lab File: VV016859.D

Acq: 12 Jun 2020 04:20

Instrument :

MSVOA_V

ClientSampleId :

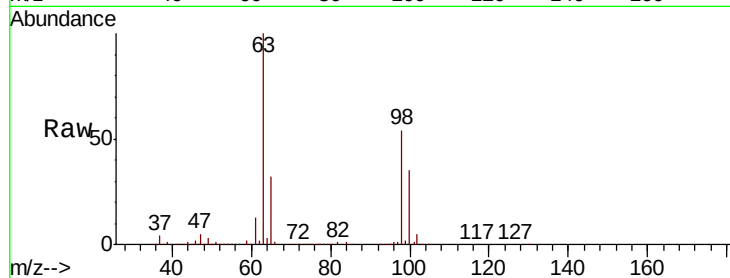
Tot Ion:101 Resp: 1360

Ion Ratio Lower Upper

101 100

85 5.9 35.5 53.3#

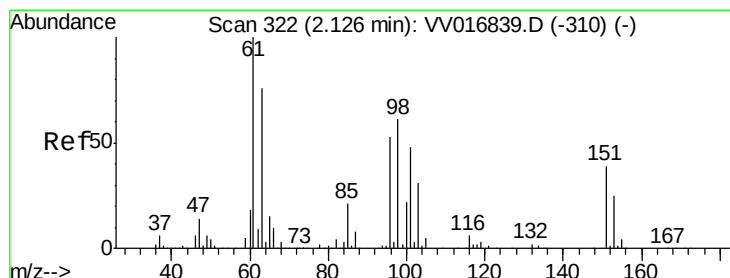
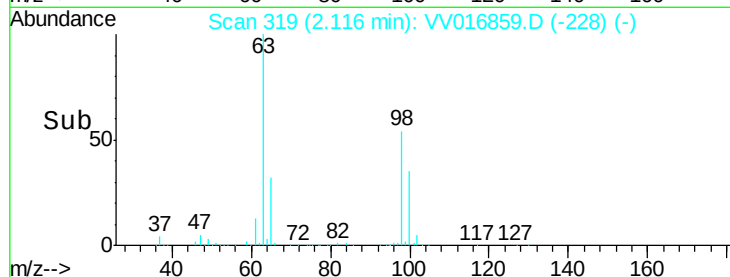
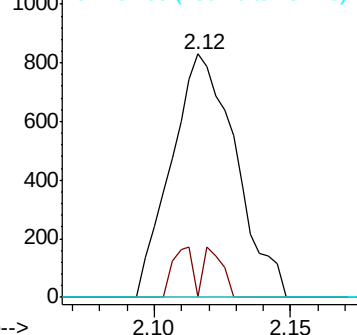
151 0.0 63.9 95.9#



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



#12

1,1-Dichloroethene

Concen: 0.795 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.01 min

Lab File: VV016859.D

Acq: 12 Jun 2020 04:20

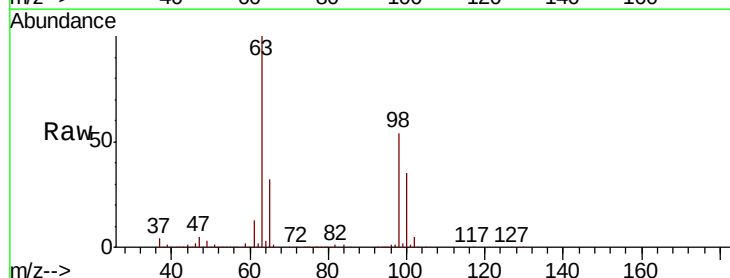
Tgt Ion: 96 Resp: 1432

Ion Ratio Lower Upper

96 100

61 1487.9 130.4 242.2#

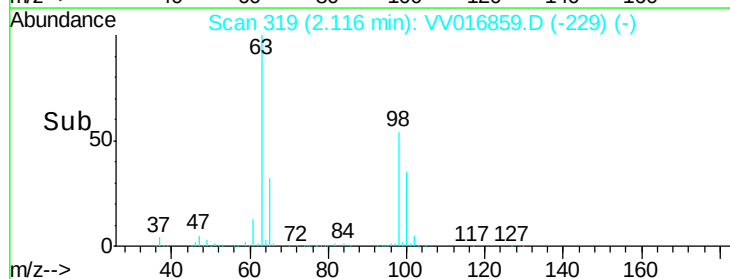
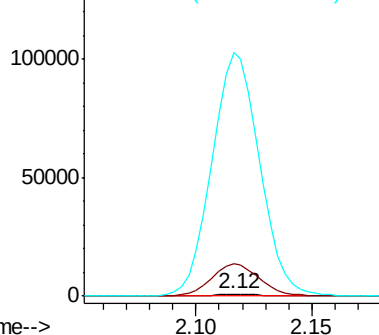
63 11201.7 103.3 191.9#

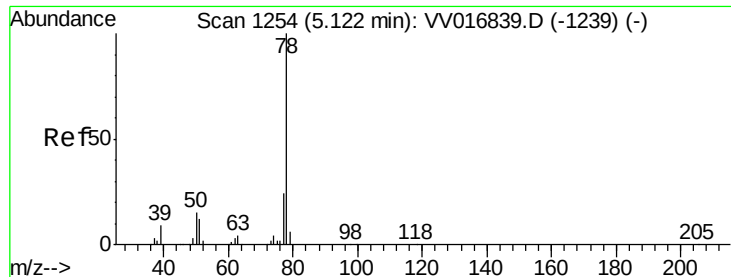


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#33

Benzene

Concen: 98.780 ug/L

RT: 5.12 min Scan# 1254

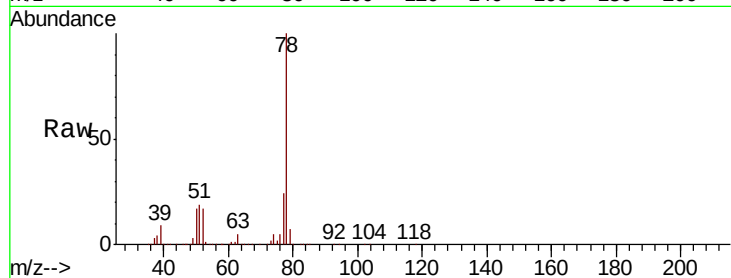
Delta R.T. 0.00 min

Lab File: VV016859.D

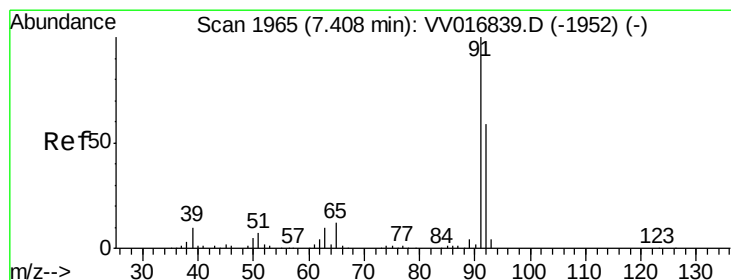
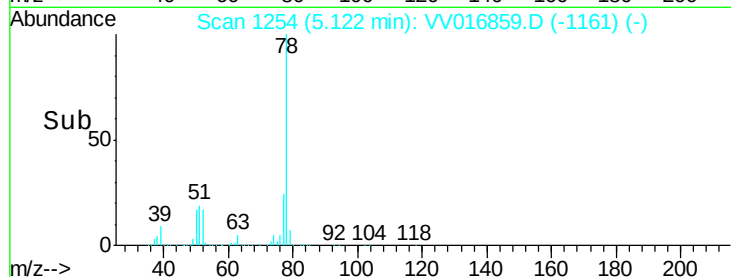
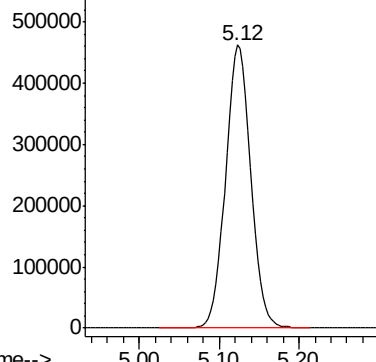
Acq: 12 Jun 2020 04:20

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 78 Resp: 1000223



Abundance Ion 78.00 (77.70 to 78.70): VV0



#42

Toluene

Concen: 2.775 ug/L

RT: 7.41 min Scan# 1966

Delta R.T. 0.00 min

Lab File: VV016859.D

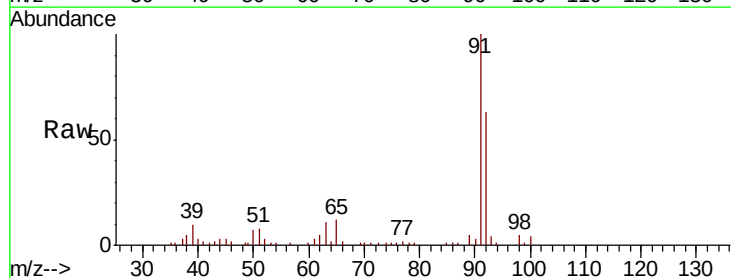
Acq: 12 Jun 2020 04:20

Tgt Ion: 91 Resp: 29623

Ion Ratio Lower Upper

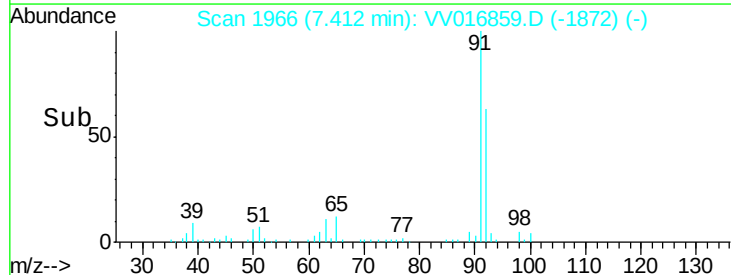
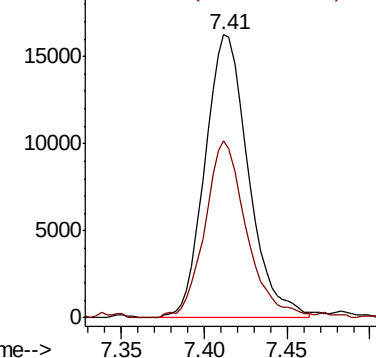
91 100

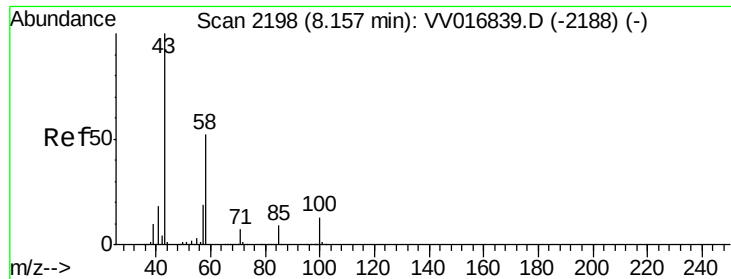
92 62.5 40.4 75.0



Abundance Ion 91.00 (90.70 to 91.70): VV0

Ion 92.00 (91.70 to 92.70): VV0

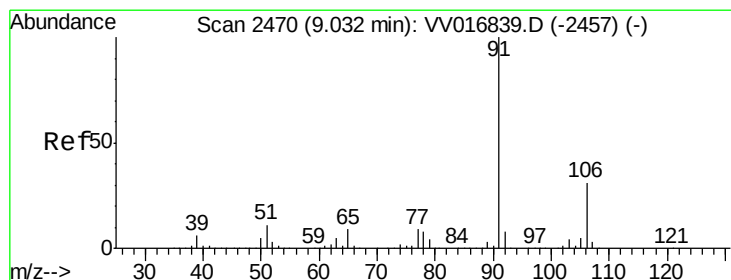
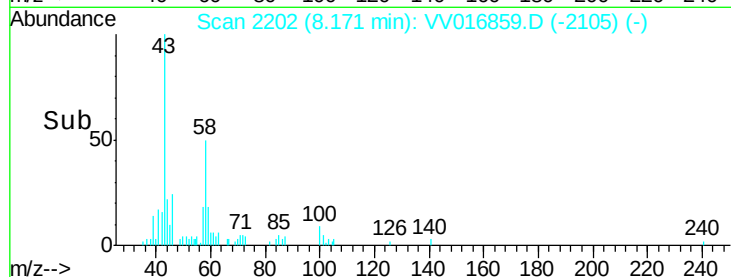
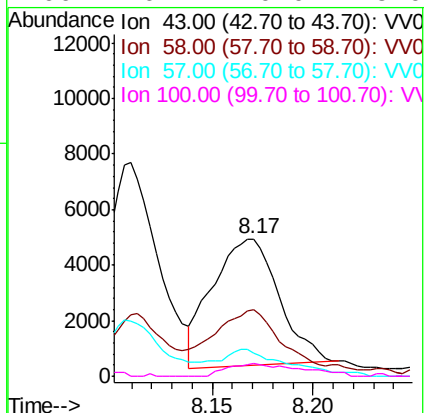
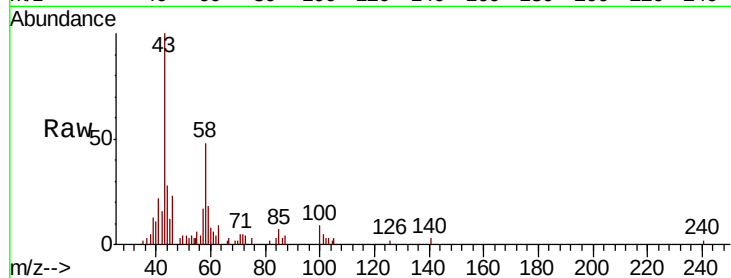




#48
2-Hexanone
Concen: 3.636 ug/L
RT: 8.17 min Scan# 2202
Delta R.T. 0.01 min
Lab File: VV016859.D
Acq: 12 Jun 2020 04:20

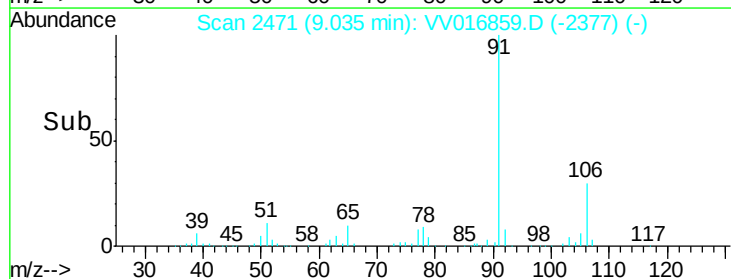
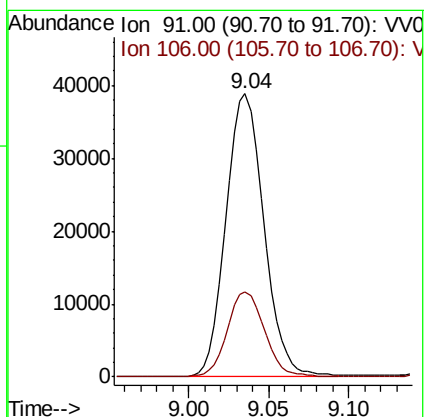
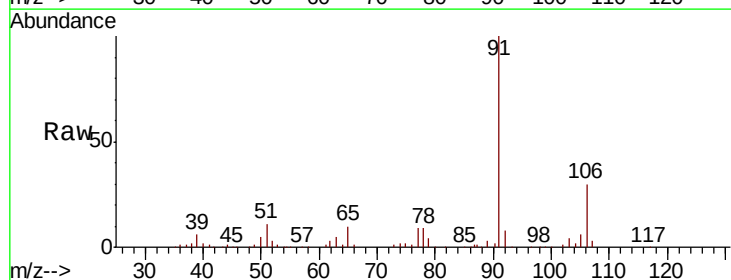
Instrument :
MSVOA_V
ClientSampleId :

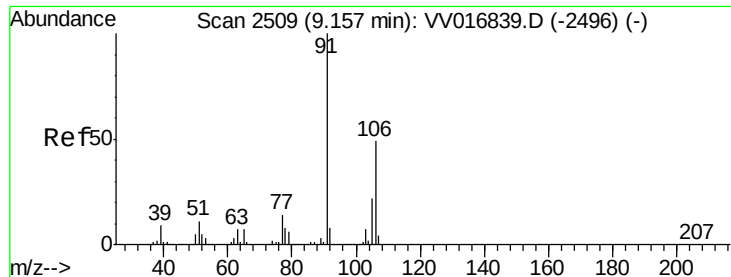
Tot Ion: 43 Resp: 10521
Ion Ratio Lower Upper
43 100
58 43.5 43.1 64.7
57 15.4 15.3 22.9
100 6.4 10.0 15.0#



#52
Ethylbenzene
Concen: 5.330 ug/L
RT: 9.04 min Scan# 2471
Delta R.T. 0.00 min
Lab File: VV016859.D
Acq: 12 Jun 2020 04:20

Tgt Ion: 91 Resp: 63018
Ion Ratio Lower Upper
91 100
106 30.2 21.1 39.1





#53

m,p-Xylene

Concen: 1.219 ug/L

RT: 9.16 min Scan# 2510

Delta R.T. 0.00 min

Lab File: VV016859.D

Acq: 12 Jun 2020 04:20

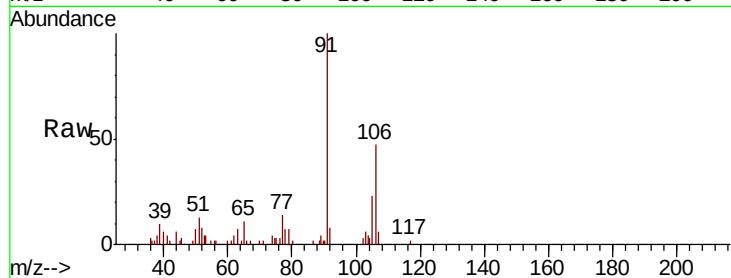
Instrument :
MSVOA_V
ClientSampled :

Tot Ion:106 Resp: 5367

Ion Ratio Lower Upper

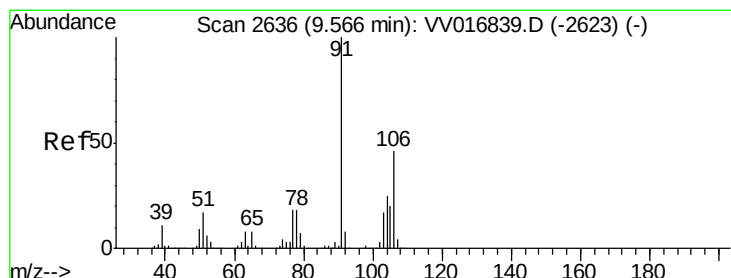
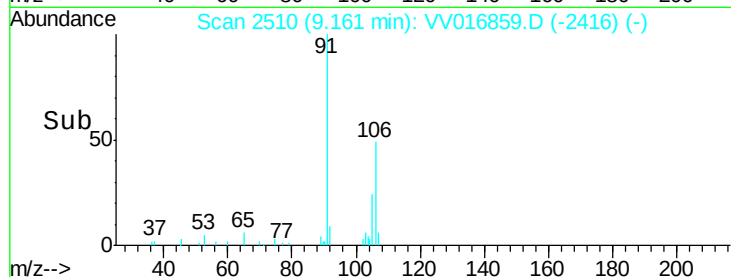
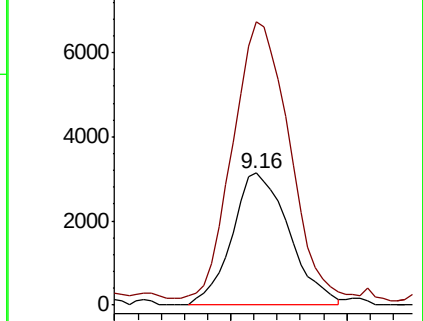
106 100

91 214.2 144.6 268.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0



#54

o-xylene

Concen: 1.344 ug/L

RT: 9.57 min Scan# 2636

Delta R.T. 0.00 min

Lab File: VV016859.D

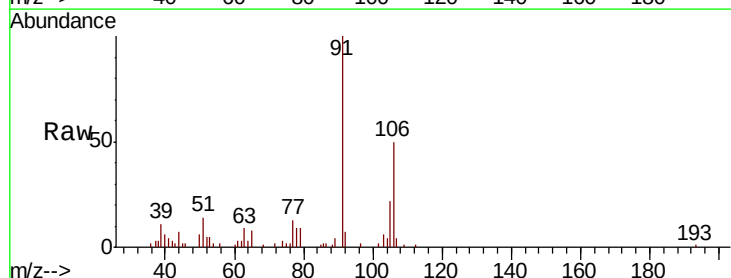
Acq: 12 Jun 2020 04:20

Tgt Ion:106 Resp: 5837

Ion Ratio Lower Upper

106 100

91 199.4 155.9 289.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0

