

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061120\
 Data File : VV016853.D
 Acq On : 12 Jun 2020 01:58
 Operator : SY/MD
 Sample : L2915-14 200X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 12 06:00:16 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	365100	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	340934	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	167194	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	106424	41.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.62%
7) Chloroethane-d5	1.56	69	71643	46.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.70%
11) 1,1-Dichloroethene-d2	2.12	63	143040	33.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.12%
21) 2-Butanone-d5	3.90	46	167080	87.63	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.63%
24) Chloroform-d	4.37	84	217078	41.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.88%
26) 1,2-Dichloroethane-d4	5.05	65	161745	45.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.78%
32) Benzene-d6	5.07	84	432611	44.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.04%
36) 1,2-Dichloropropane-d6	6.09	67	133798	43.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.34%
41) Toluene-d8	7.34	98	390886	43.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.68%
43) trans-1,3-Dichloropropene-	7.64	79	62771	39.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.68%
47) 2-Hexanone-d5	8.11	63	101904	76.30	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	76.30%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	167717	41.36	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.72%
64) 1,2-Dichlorobenzene-d4	11.65	152	161244	45.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.38%

Target Compounds

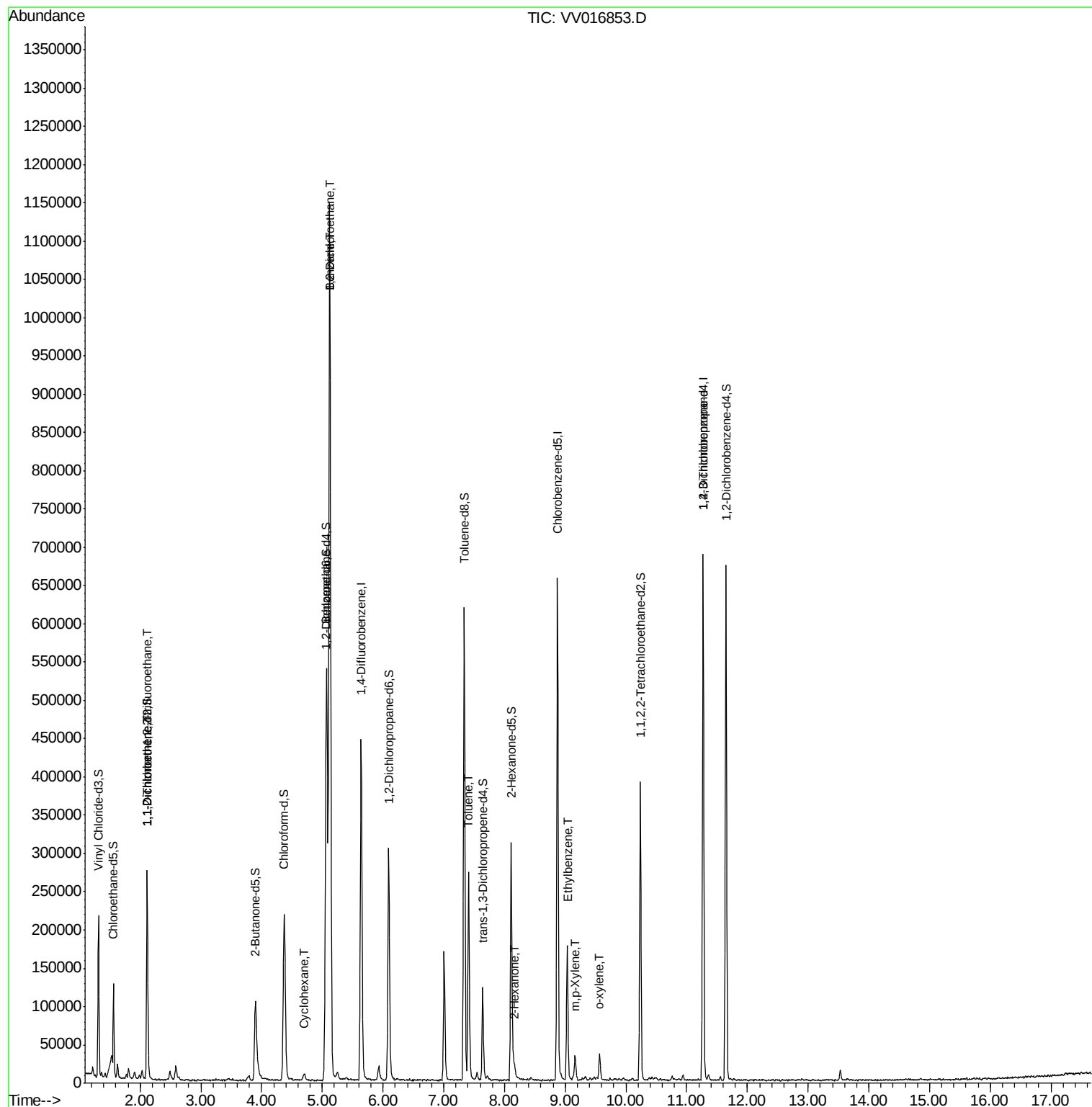
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1386	0.714 ug/L #	21
12) 1,1-Dichloroethene	2.11	96	1318	0.727 ug/L #	1
27) 1,2-Dichloroethane	5.12	62	9566	2.388 ug/L #	74
29) Cyclohexane	4.70	56	4484	1.058 ug/L #	88
33) Benzene	5.12	78	1092846	108.339 ug/L	100
42) Toluene	7.41	91	188685	17.744 ug/L	99
48) 2-Hexanone	8.17	43	8886	3.083 ug/L #	83
52) Ethylbenzene	9.04	91	117976	10.016 ug/L	99
53) m,p-Xylene	9.16	106	8315	1.896 ug/L	96
54) o-xylene	9.57	106	8706	2.013 ug/L	99
59) 1,2,3-Trichloropropane	11.27	75	19090	5.865 ug/L	91

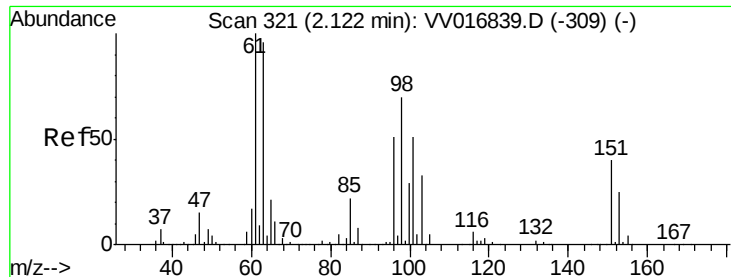
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 12 05:55:11 2020
Response via : Initial Calibration





#10

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

Concen: 0.714 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.00 min

Lab File: VV016853.D

Acq: 12 Jun 2020 01:58

Instrument :

MSVOA_V

ClientSampleId :

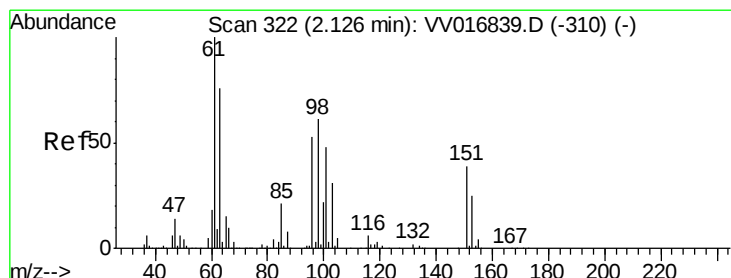
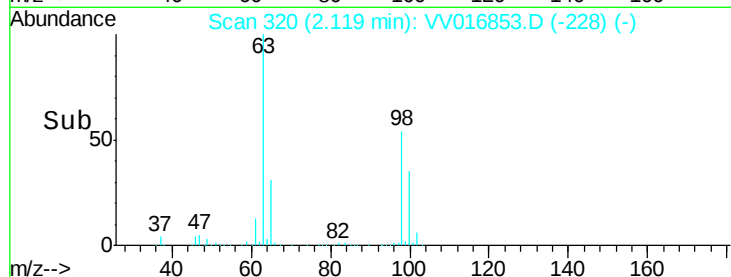
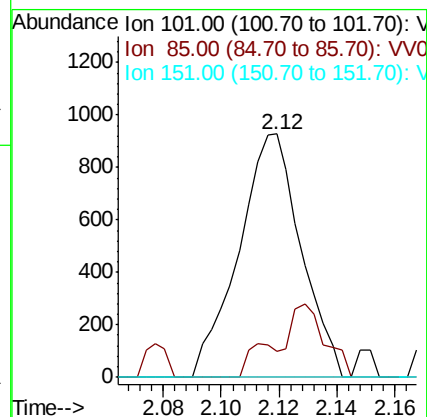
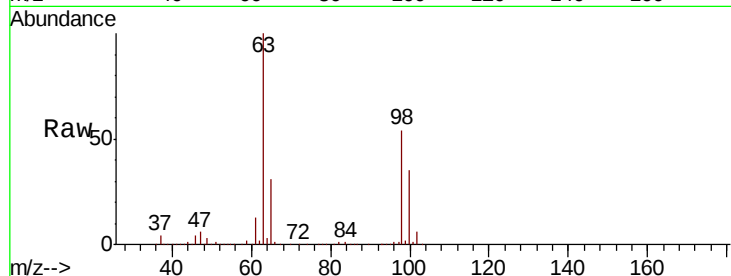
Tot Ion:101 Resp: 1386

Ion Ratio Lower Upper

101 100

85 6.3 35.5 53.3#

151 0.0 63.9 95.9#



#12

1,1-Dichloroethene

Concen: 0.727 ug/L

RT: 2.11 min Scan# 318

Delta R.T. -0.01 min

Lab File: VV016853.D

Acq: 12 Jun 2020 01:58

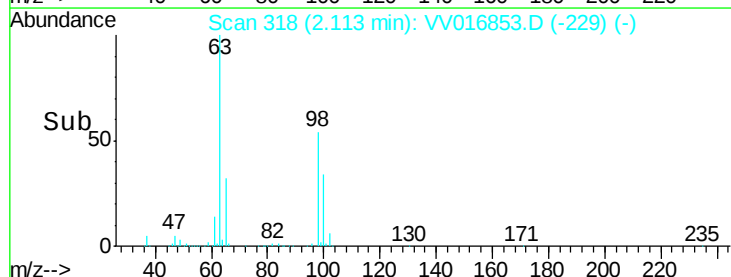
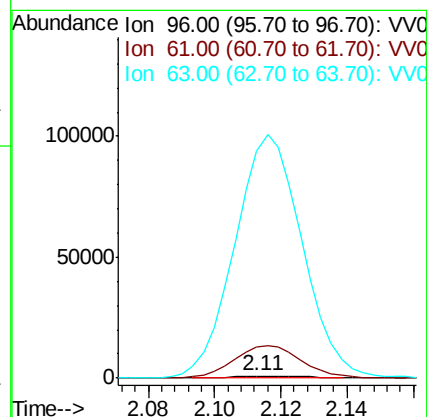
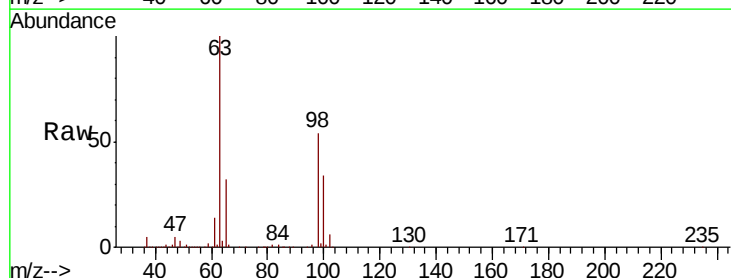
Tgt Ion: 96 Resp: 1318

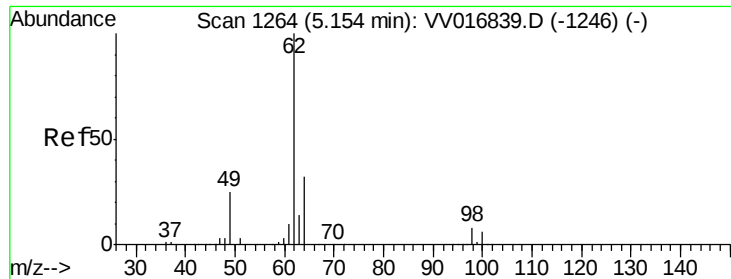
Ion Ratio Lower Upper

96 100

61 1490.7 130.4 242.2#

63 10930.5 103.3 191.9#





#27

1,2-Dichloroethane

Concen: 2.388 ug/L

RT: 5.12 min Scan# 1254

Delta R.T. -0.03 min

Lab File: VV016853.D

Acq: 12 Jun 2020 01:58

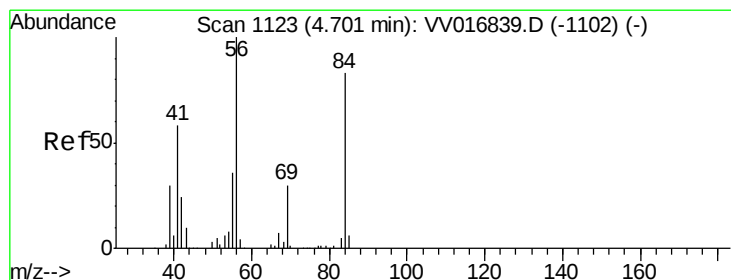
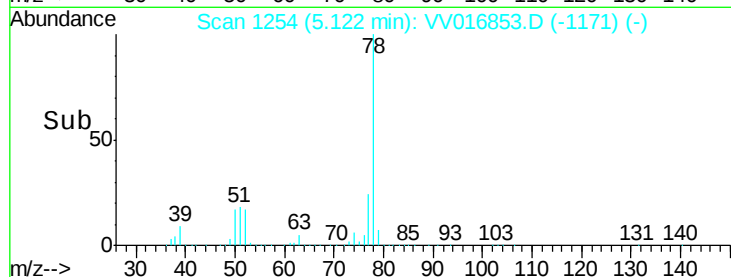
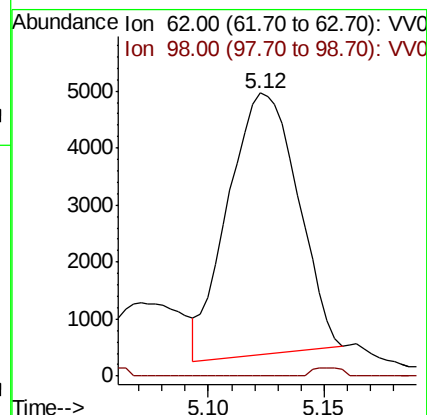
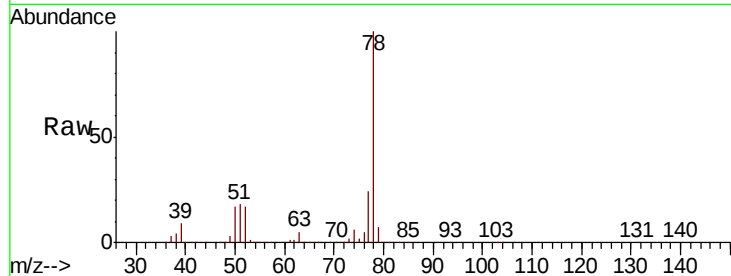
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 62 Resp: 9566

Ion Ratio Lower Upper

62 100

98 0.0 7.4 11.2#



#29

Cyclohexane

Concen: 1.058 ug/L

RT: 4.70 min Scan# 1124

Delta R.T. 0.00 min

Lab File: VV016853.D

Acq: 12 Jun 2020 01:58

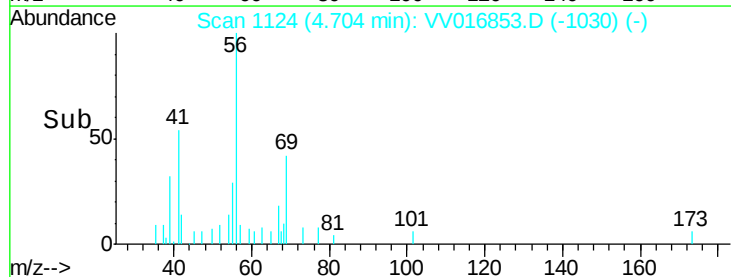
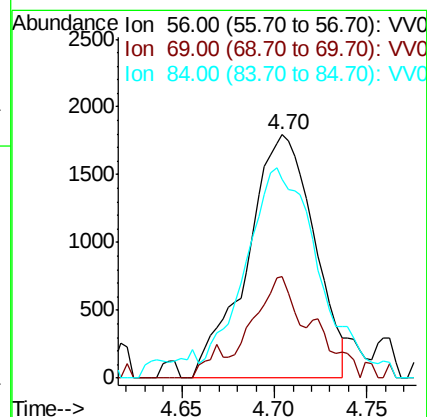
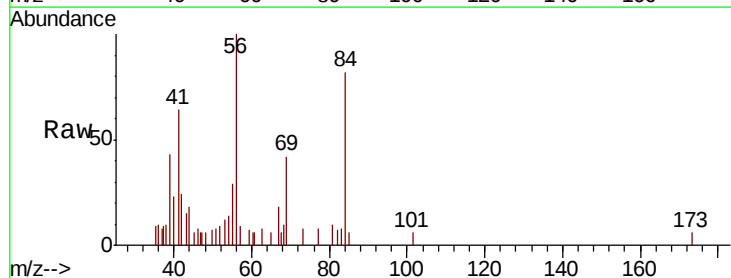
Tgt Ion: 56 Resp: 4484

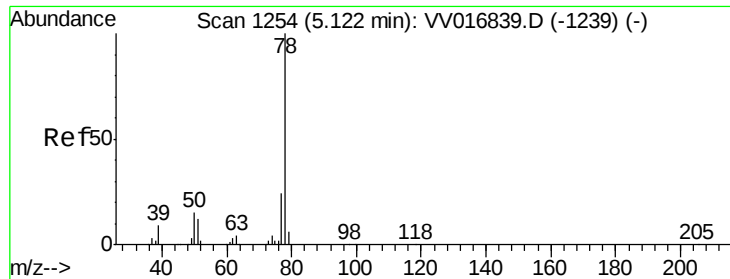
Ion Ratio Lower Upper

56 100

69 22.4 25.0 37.4#

84 77.3 69.5 104.3





#33

Benzene

Concen: 108.339 ug/L

RT: 5.12 min Scan# 1254

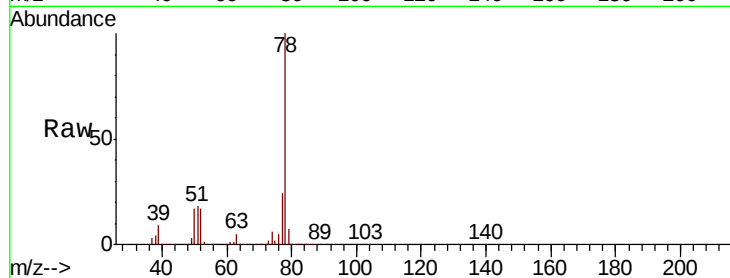
Delta R.T. 0.00 min

Lab File: VV016853.D

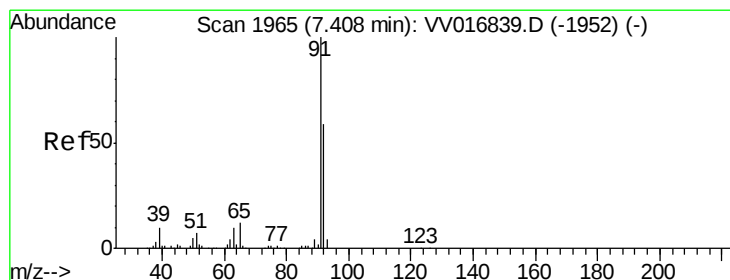
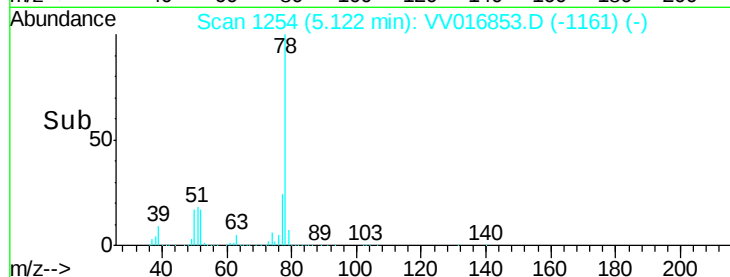
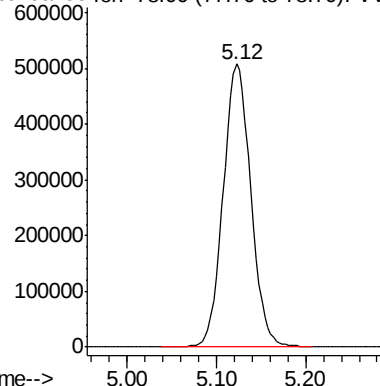
Acq: 12 Jun 2020 01:58

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 78 Resp: 1092846



Abundance Ion 78.00 (77.70 to 78.70): VV0



#42

Toluene

Concen: 17.744 ug/L

RT: 7.41 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VV016853.D

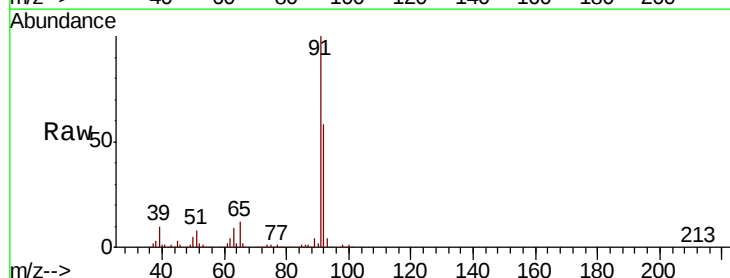
Acq: 12 Jun 2020 01:58

Tgt Ion: 91 Resp: 188685

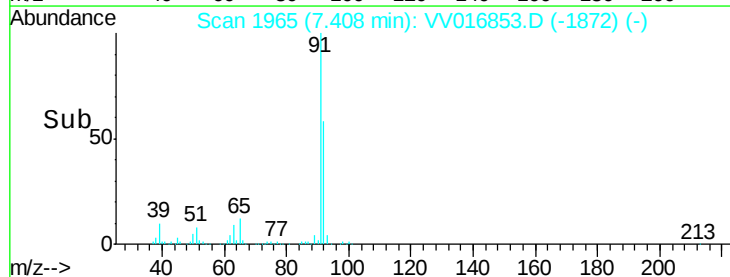
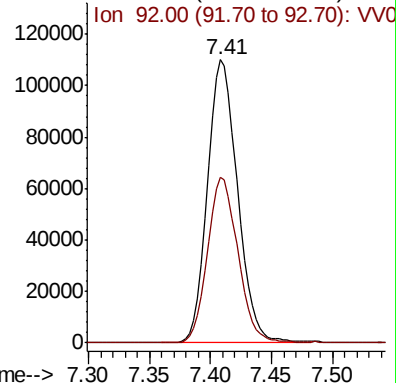
Ion Ratio Lower Upper

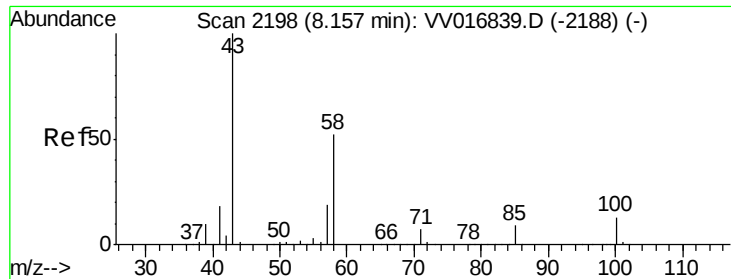
91 100

92 58.5 40.4 75.0



Abundance Ion 91.00 (90.70 to 91.70): VV0

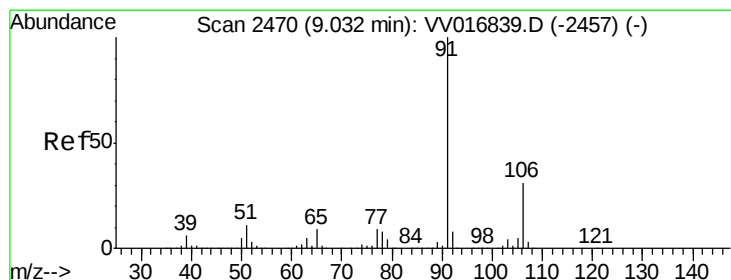
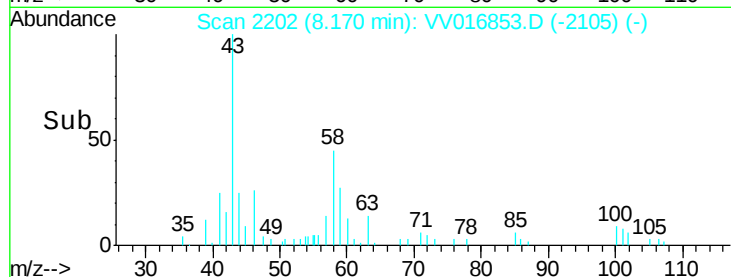
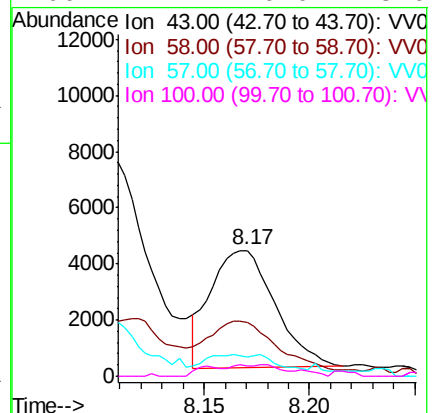
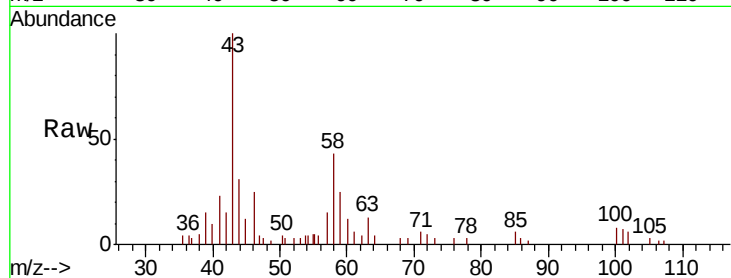




#48
2-Hexanone
Concen: 3.083 ug/L
RT: 8.17 min Scan# 2202
Delta R.T. 0.01 min
Lab File: VV016853.D
Acq: 12 Jun 2020 01:58

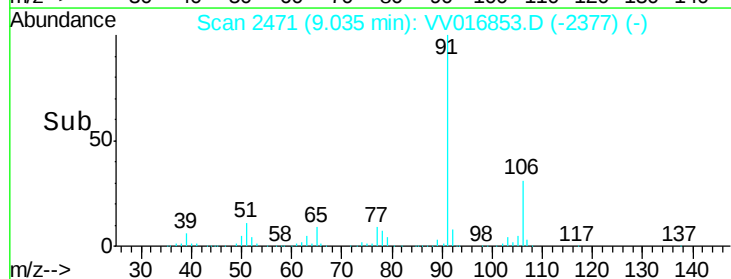
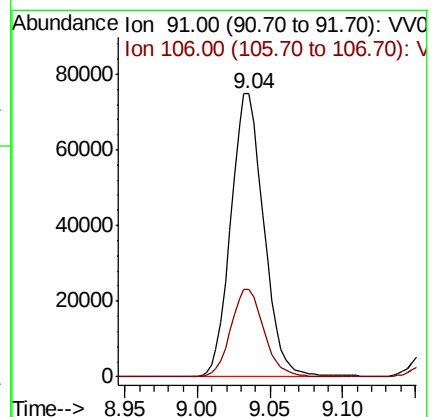
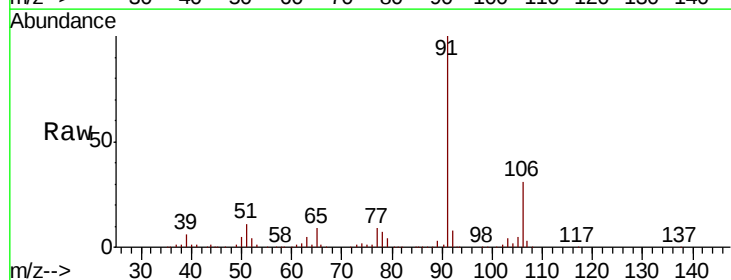
Instrument :
MSVOA_V
ClientSampled :

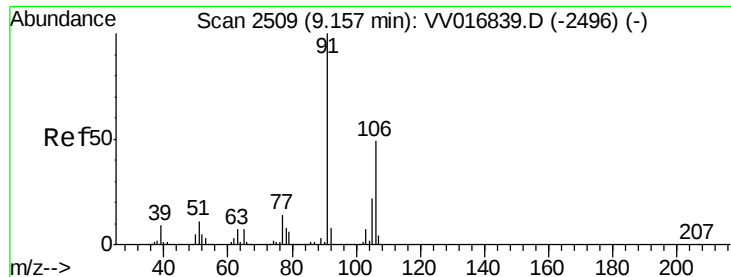
Tot Ion: 43 Resp: 8886
Ion Ratio Lower Upper
43 100
58 50.1 43.1 64.7
57 0.0 15.3 22.9#
100 1.2 10.0 15.0#



#52
Ethylbenzene
Concen: 10.016 ug/L
RT: 9.04 min Scan# 2471
Delta R.T. 0.00 min
Lab File: VV016853.D
Acq: 12 Jun 2020 01:58

Tgt Ion: 91 Resp: 117976
Ion Ratio Lower Upper
91 100
106 30.8 21.1 39.1





#53

m,p-Xylene

Concen: 1.896 ug/L

RT: 9.16 min Scan# 2511

Delta R.T. 0.01 min

Lab File: VV016853.D

Acq: 12 Jun 2020 01:58

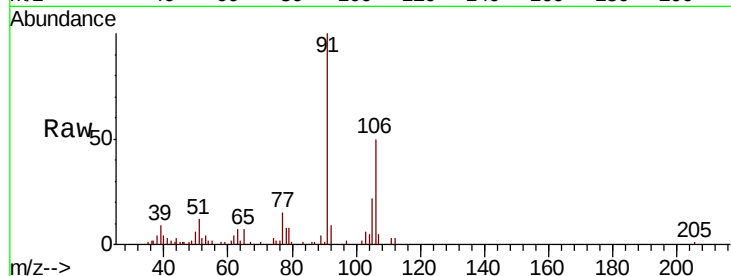
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:106 Resp: 8315

Ion Ratio Lower Upper

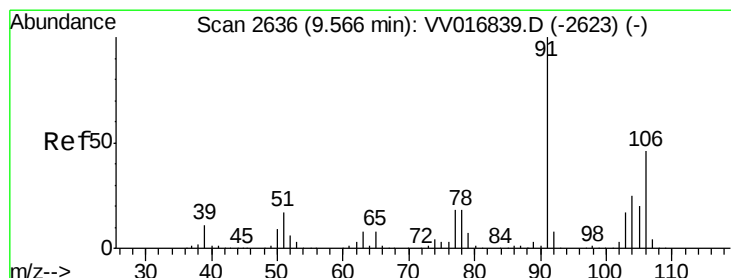
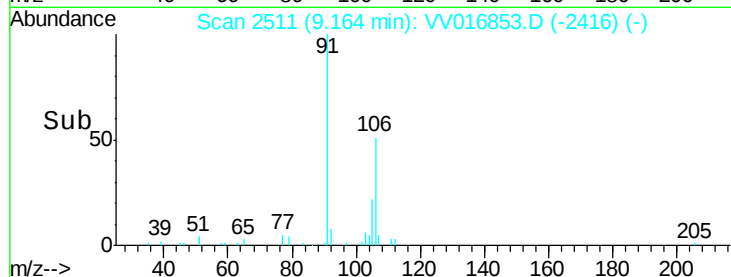
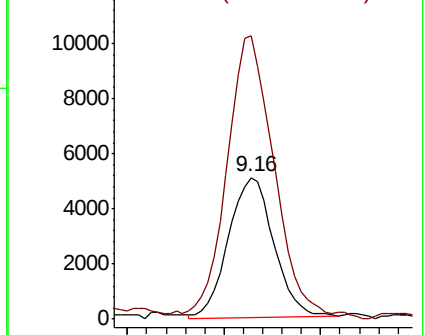
106 100

91 200.1 144.6 268.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0



#54

o-xylene

Concen: 2.013 ug/L

RT: 9.57 min Scan# 2636

Delta R.T. 0.00 min

Lab File: VV016853.D

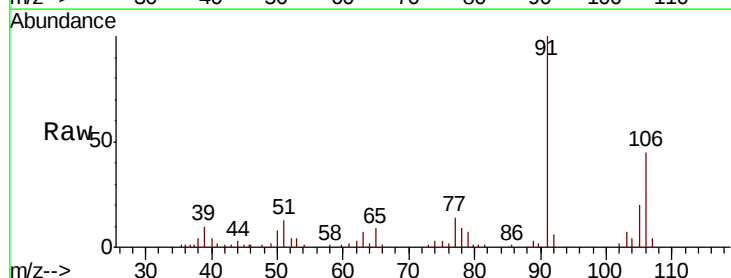
Acq: 12 Jun 2020 01:58

Tgt Ion:106 Resp: 8706

Ion Ratio Lower Upper

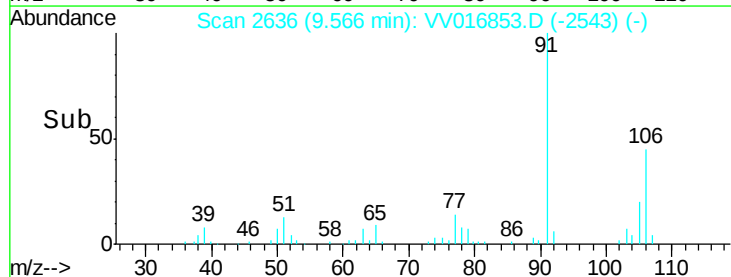
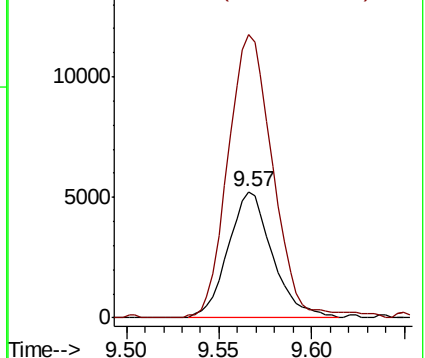
106 100

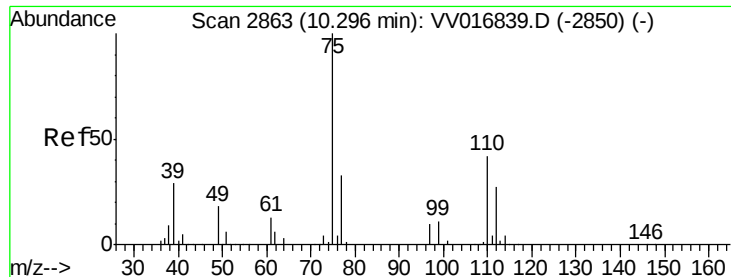
91 224.0 155.9 289.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0





#59
 1,2,3-Trichloropropane
 Concen: 5.865 ug/L
 RT: 11.27 min Scan# 3166
 Delta R.T. 0.97 min
 Lab File: VV016853.D
 Acq: 12 Jun 2020 01:58

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 75 Resp: 19090
 Ion Ratio Lower Upper
 75 100
 77 37.9 26.1 39.1

