

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061120\
 Data File : VV016860.D
 Acq On : 12 Jun 2020 04:44
 Operator : SY/MD
 Sample : L2915-05 500X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 12 06:01:41 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	351947	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	328345	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	159425	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	106596	42.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.84%
7) Chloroethane-d5	1.56	69	75962	50.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.96%
11) 1,1-Dichloroethene-d2	2.12	63	143753	34.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.94%
21) 2-Butanone-d5	3.90	46	166728	90.71	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.71%
24) Chloroform-d	4.37	84	223167	44.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.38%
26) 1,2-Dichloroethane-d4	5.05	65	163213	47.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.04%
32) Benzene-d6	5.07	84	440518	46.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.08%
36) 1,2-Dichloropropane-d6	6.09	67	133908	45.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.78%
41) Toluene-d8	7.34	98	395314	45.51	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.02%
43) trans-1,3-Dichloropropene-	7.64	79	64392	41.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.80%
47) 2-Hexanone-d5	8.11	63	95687	74.39	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	74.39%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	167285	42.83	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.66%
64) 1,2-Dichlorobenzene-d4	11.65	152	165306	48.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.18%

Target Compounds

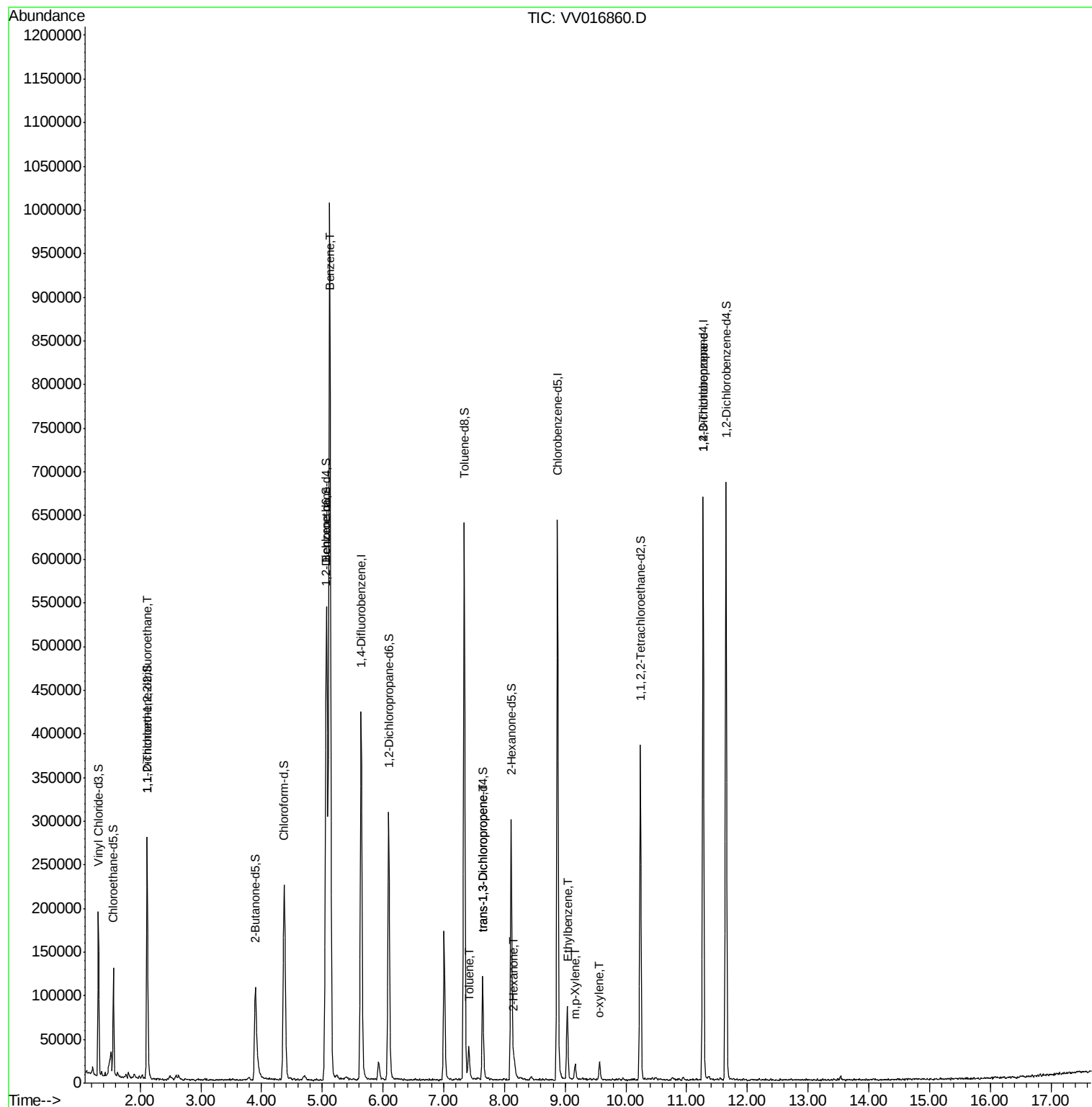
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1393	0.744 ug/L #	17
33) Benzene	5.12	78	954894	98.293 ug/L	100
42) Toluene	7.41	91	27454	2.681 ug/L	99
44) trans-1,3-Dichloropropene	7.64	75	3492	0.915 ug/L	86
48) 2-Hexanone	8.16	43	11508	4.146 ug/L #	47
52) Ethylbenzene	9.04	91	58232	5.134 ug/L	100
53) m,p-Xylene	9.16	106	5208	1.233 ug/L	90
54) o-xylene	9.57	106	5299	1.272 ug/L	89
59) 1,2,3-Trichloropropane	11.27	75	19050	6.077 ug/L	89

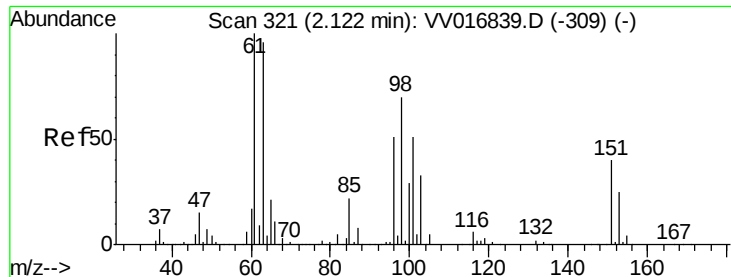
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.744 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.01 min

Lab File: VV016860.D

Acq: 12 Jun 2020 04:44

Instrument :

MSVOA_V

ClientSampleId :

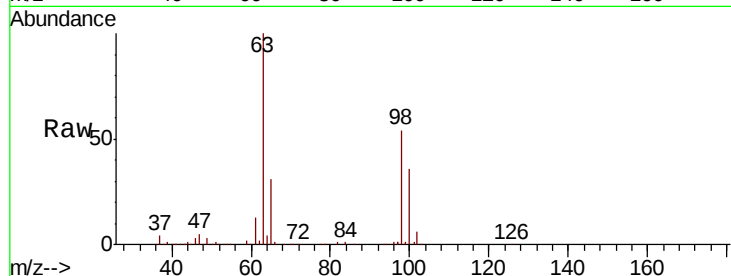
Tot Ion:101 Resp: 1393

Ion Ratio Lower Upper

101 100

85 0.0 35.5 53.3#

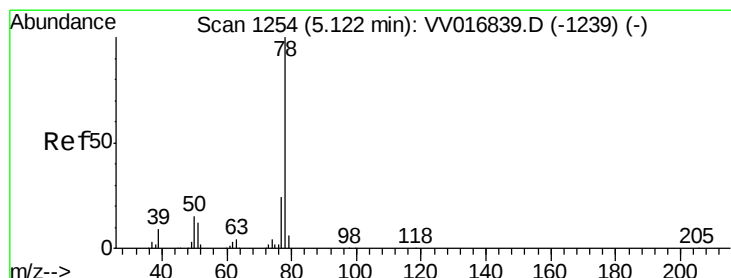
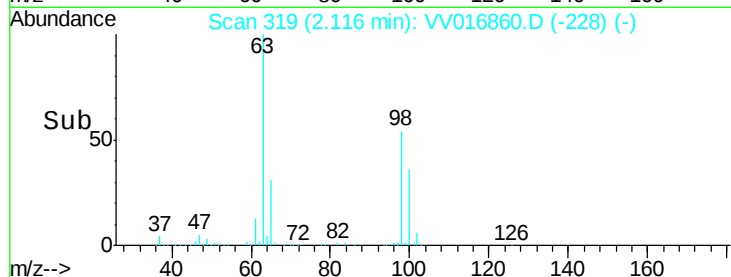
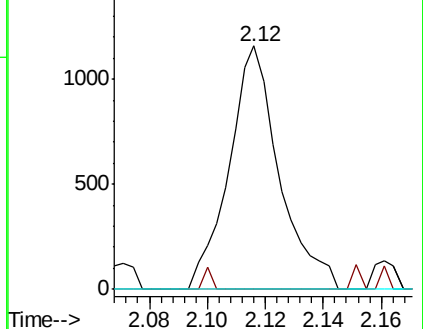
151 0.0 63.9 95.9#



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



#33

Benzene

Concen: 98.293 ug/L

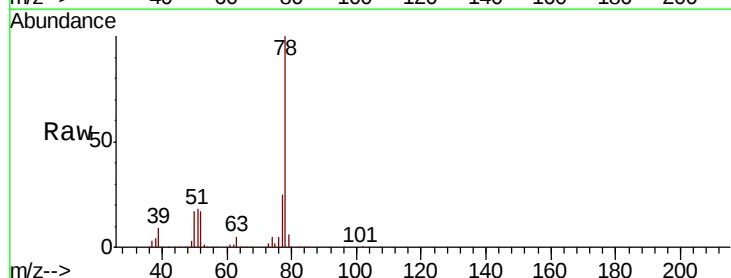
RT: 5.12 min Scan# 1254

Delta R.T. 0.00 min

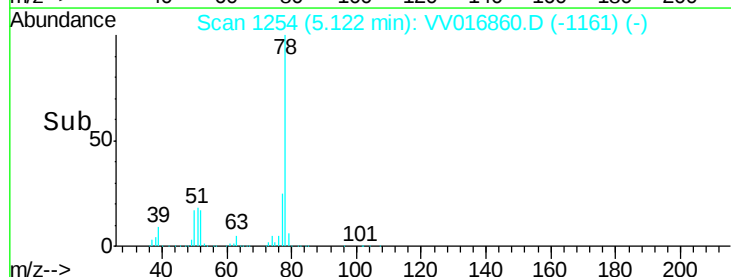
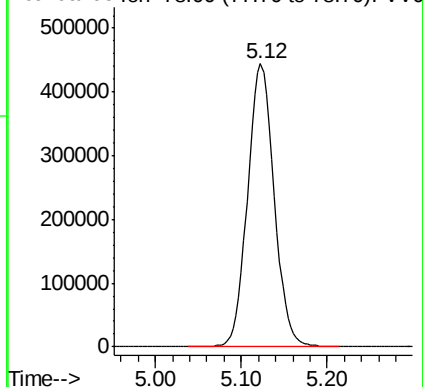
Lab File: VV016860.D

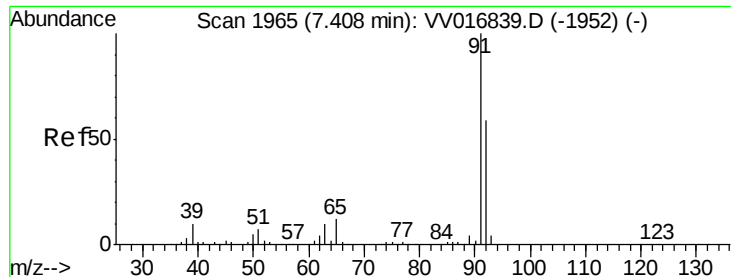
Acq: 12 Jun 2020 04:44

Tgt Ion: 78 Resp: 954894



Abundance Ion 78.00 (77.70 to 78.70): VV0





#42

Toluene

Concen: 2.681 ug/L

RT: 7.41 min Scan# 1967

Delta R.T. 0.01 min

Lab File: VV016860.D

Acq: 12 Jun 2020 04:44

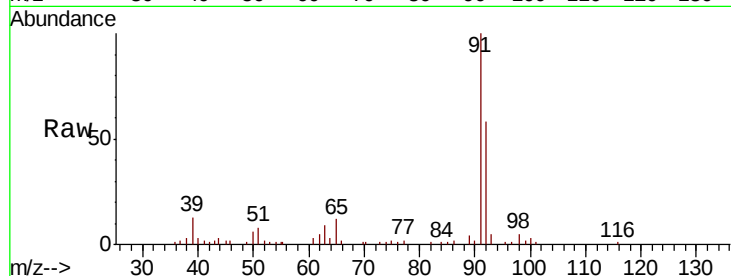
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 91 Resp: 27454

Ion Ratio Lower Upper

91 100

92 58.4 40.4 75.0



Abundance Ion 91.00 (90.70 to 91.70): VV016860.D (-1872) (-)

Ion 92.00 (91.70 to 92.70): VV016860.D (-1872) (-)

7.41

15000

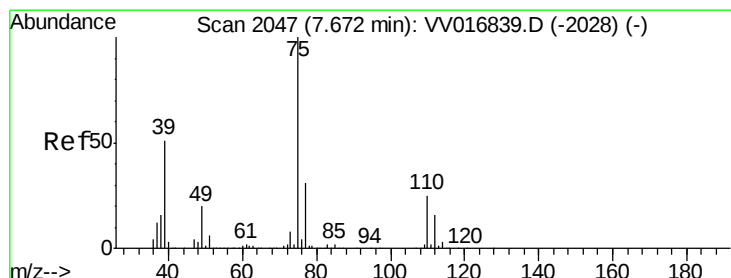
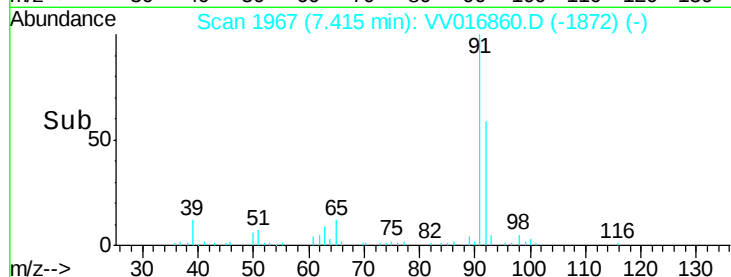
10000

5000

0

Time-->

7.35 7.40 7.45 7.50



#44

trans-1,3-Dichloropropene

Concen: 0.915 ug/L

RT: 7.64 min Scan# 2038

Delta R.T. -0.03 min

Lab File: VV016860.D

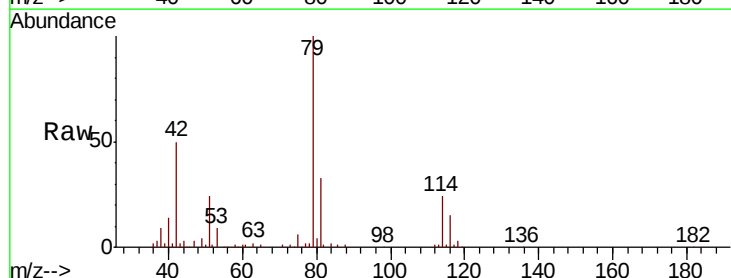
Acq: 12 Jun 2020 04:44

Tgt Ion: 75 Resp: 3492

Ion Ratio Lower Upper

75 100

77 38.5 21.7 40.3



Abundance Ion 75.00 (74.70 to 75.70): VV016860.D (-1954) (-)

Ion 77.00 (76.70 to 77.70): VV016860.D (-1954) (-)

7.64

2000

1500

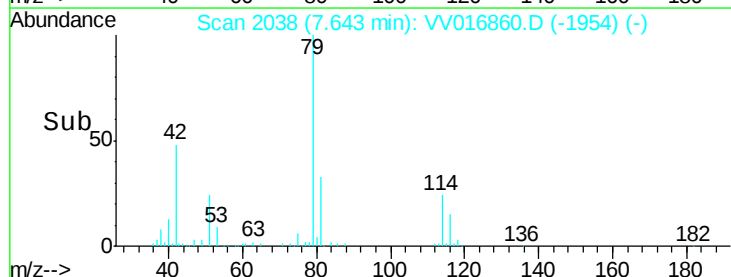
1000

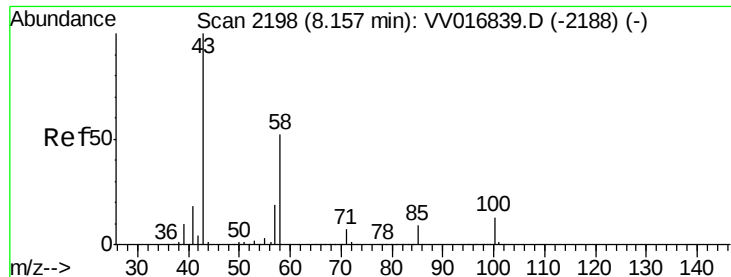
500

0

Time-->

7.60 7.65 7.70

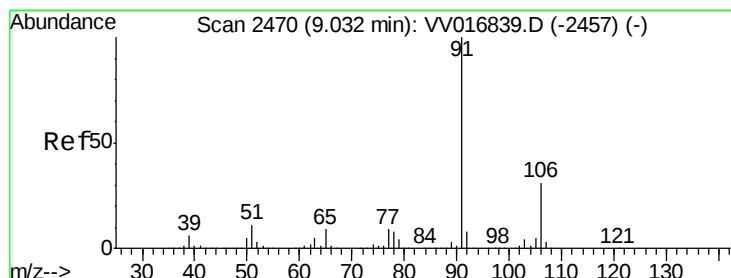
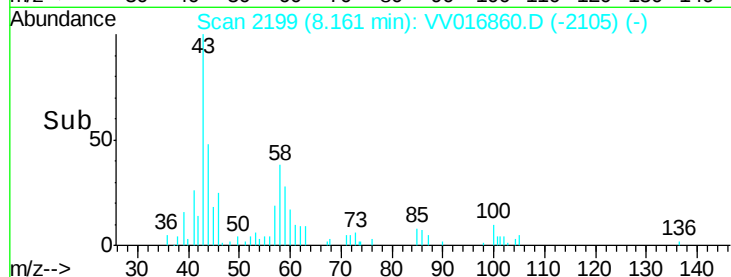
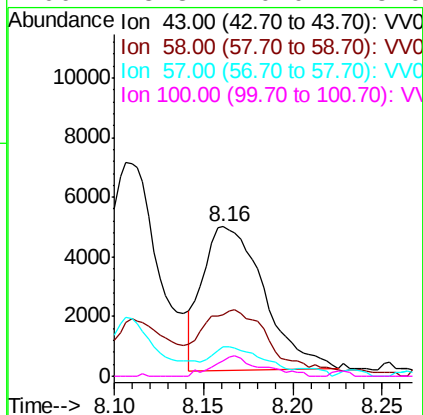
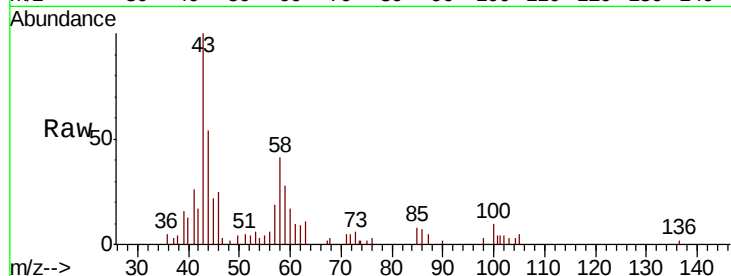




#48
2-Hexanone
Concen: 4.146 ug/L
RT: 8.16 min Scan# 2199
Delta R.T. 0.00 min
Lab File: VV016860.D
Acq: 12 Jun 2020 04:44

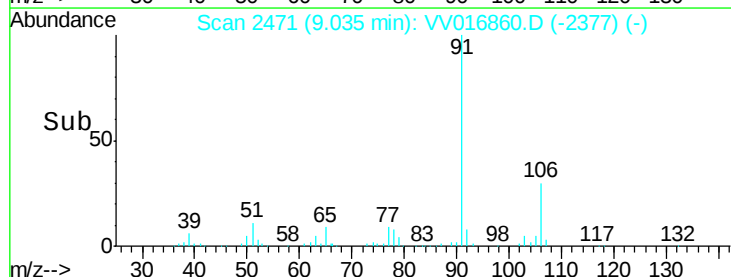
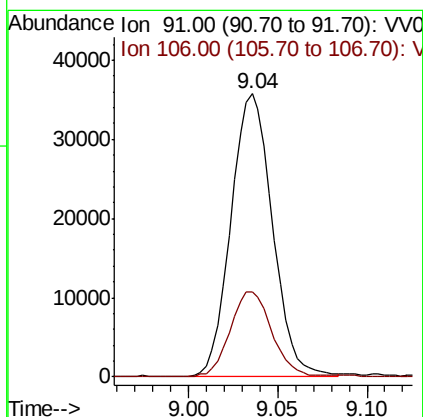
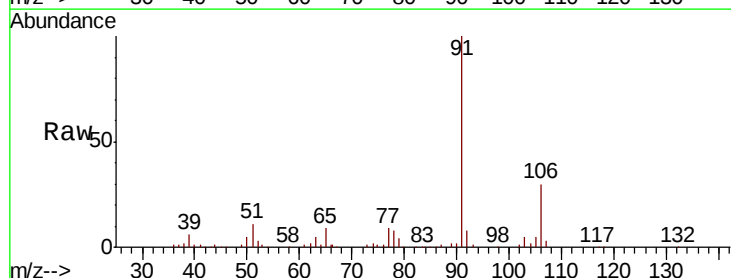
Instrument :
MSVOA_V
ClientSampled :

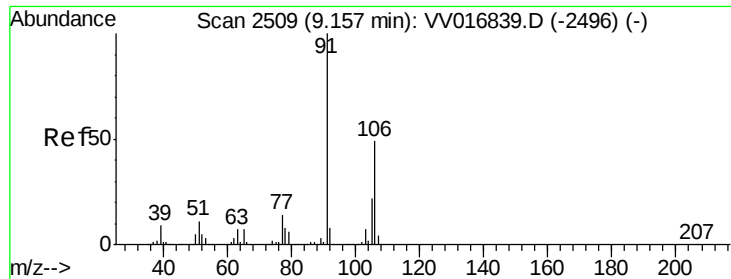
Tot Ion: 43 Resp: 11508
Ion Ratio Lower Upper
43 100
58 0.0 43.1 64.7#
57 12.6 15.3 22.9#
100 5.8 10.0 15.0#



#52
Ethylbenzene
Concen: 5.134 ug/L
RT: 9.04 min Scan# 2471
Delta R.T. 0.00 min
Lab File: VV016860.D
Acq: 12 Jun 2020 04:44

Tgt Ion: 91 Resp: 58232
Ion Ratio Lower Upper
91 100
106 30.2 21.1 39.1





#53

m,p-Xylene

Concen: 1.233 ug/L

RT: 9.16 min Scan# 2511

Delta R.T. 0.01 min

Lab File: VV016860.D

Acq: 12 Jun 2020 04:44

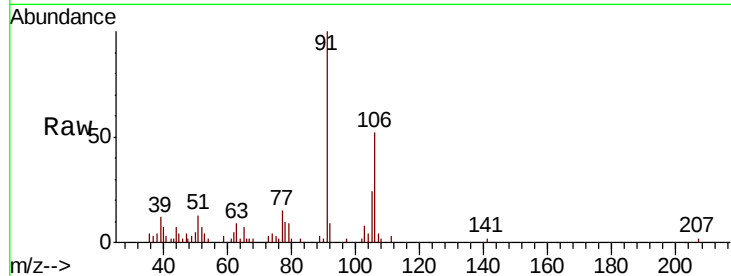
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:106 Resp: 5208

Ion Ratio Lower Upper

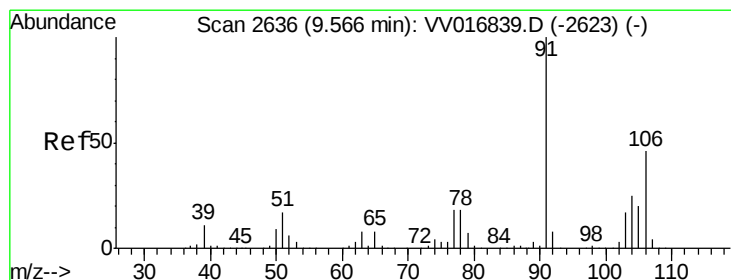
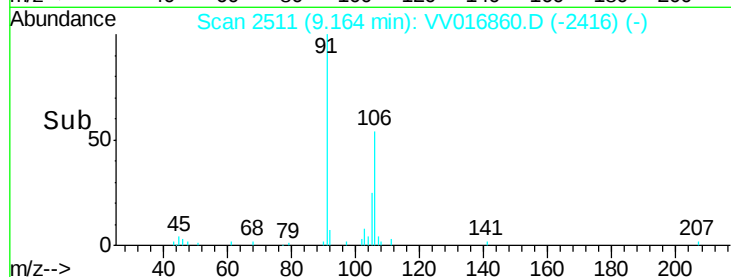
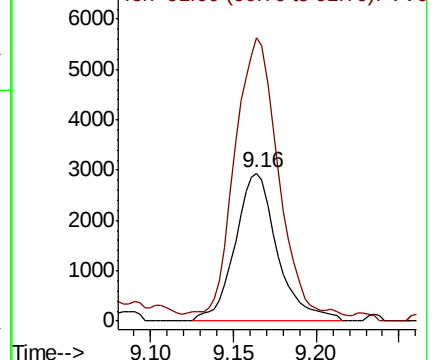
106 100

91 191.1 144.6 268.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0



#54

o-xylene

Concen: 1.272 ug/L

RT: 9.57 min Scan# 2636

Delta R.T. 0.00 min

Lab File: VV016860.D

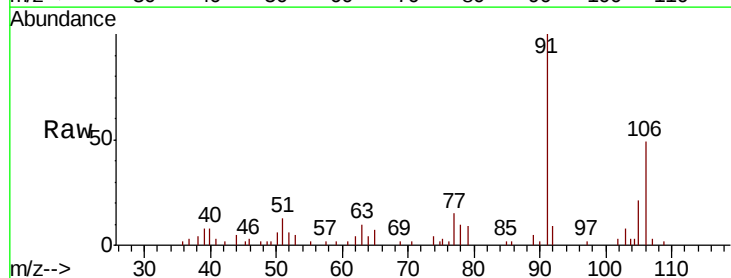
Acq: 12 Jun 2020 04:44

Tgt Ion:106 Resp: 5299

Ion Ratio Lower Upper

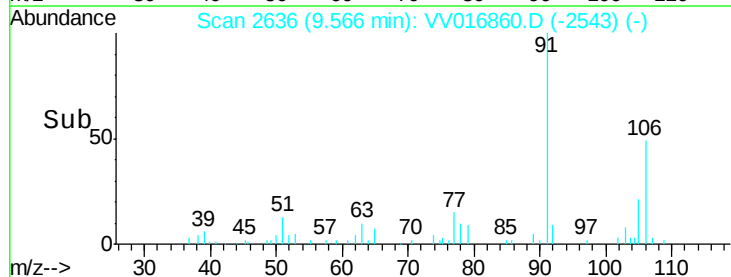
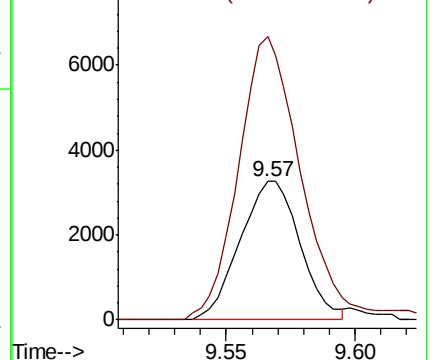
106 100

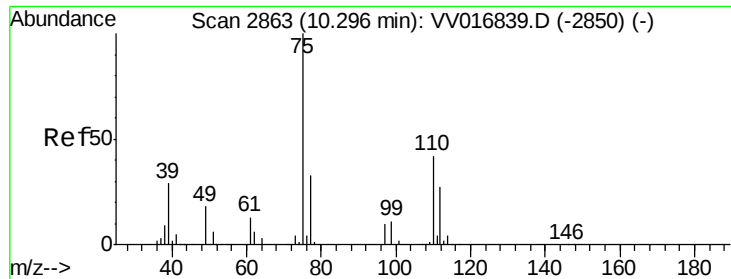
91 204.3 155.9 289.5



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: 6.077 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.97 min

Lab File: VV016860.D

Acq: 12 Jun 2020 04:44

Instrument :

MSVOA_V

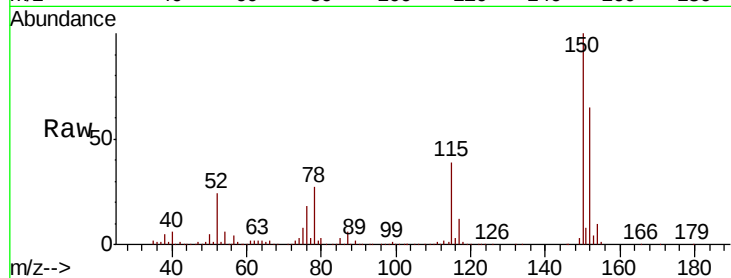
ClientSampleId :

Tot Ion: 75 Resp: 19050

Ion Ratio Lower Upper

75 100

77 38.9 26.1 39.1



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

