

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061120\
 Data File : VV016838.D
 Acq On : 11 Jun 2020 19:40
 Operator : SY/MD
 Sample : L2914-08 25X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 12 01:34:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 12 01:27:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	367666	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	344059	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	169485	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	81550	31.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	62.86%
7) Chloroethane-d5	1.56	69	63835	41.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.02%
11) 1,1-Dichloroethene-d2	2.12	63	119799	27.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	55.00%#
21) 2-Butanone-d5	3.89	46	165549	86.22	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.22%
24) Chloroform-d	4.37	84	209323	39.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.36%
26) 1,2-Dichloroethane-d4	5.05	65	153020	42.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.30%
32) Benzene-d6	5.07	84	396686	40.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.00%
36) 1,2-Dichloropropane-d6	6.09	67	123365	39.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	79.80%
41) Toluene-d8	7.34	98	353550	38.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	77.70%#
43) trans-1,3-Dichloropropene-	7.64	79	61298	38.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.14%
47) 2-Hexanone-d5	8.11	63	102050	75.71	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	75.71%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	173343	42.35	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.70%
64) 1,2-Dichlorobenzene-d4	11.65	152	160704	44.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.86%

Target Compounds

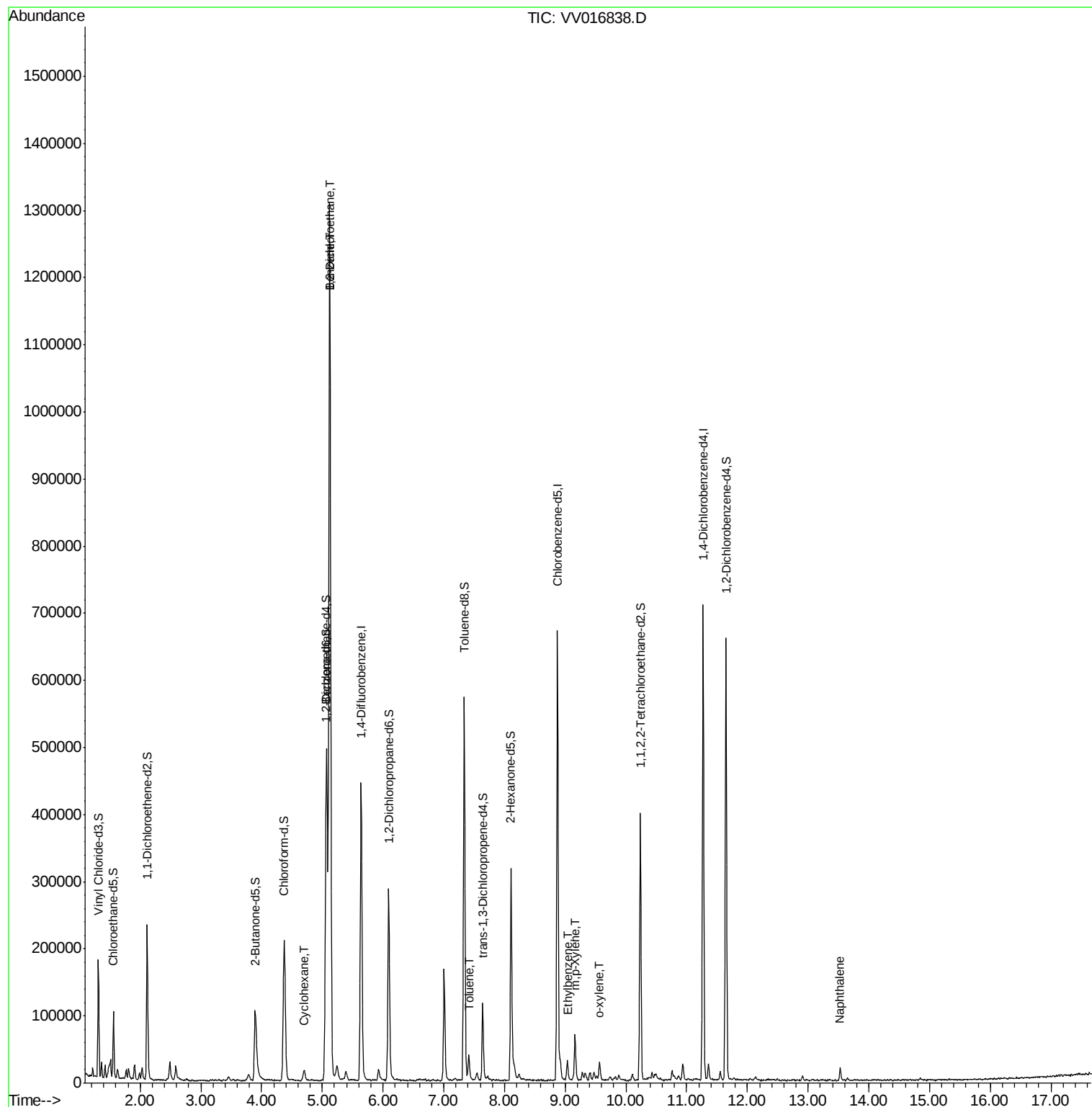
					Ovalue
27) 1,2-Dichloroethane	5.12	62	10727	2.659 ug/L	# 80
29) Cyclohexane	4.70	56	6893	1.612 ug/L	86
33) Benzene	5.12	78	1253300	123.117 ug/L	100
42) Toluene	7.41	91	26193	2.441 ug/L	97
52) Ethylbenzene	9.04	91	19125	1.609 ug/L	98
53) m,p-Xylene	9.16	106	17841	4.031 ug/L	95
54) o-xylene	9.57	106	6905	1.582 ug/L	100
69) Naphthalene	13.53	128	13381	1.267 ug/L	97

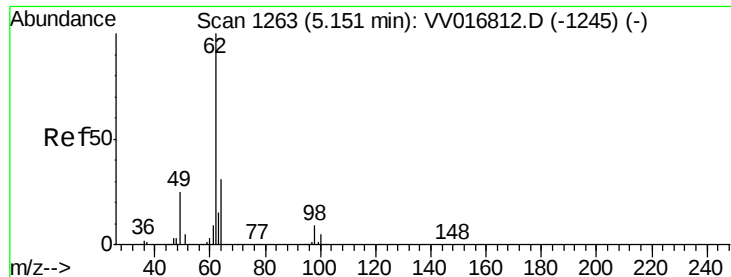
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Jun 12 01:27:40 2020
Response via : Initial Calibration





#27

1,2-Dichloroethane

Concen: 2.659 ug/L

RT: 5.12 min Scan# 1254

Delta R.T. -0.03 min

Lab File: VV016838.D

Acq: 11 Jun 2020 19:40

Instrument :

MSVOA_V

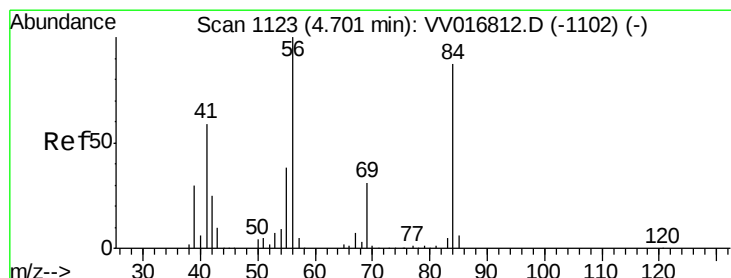
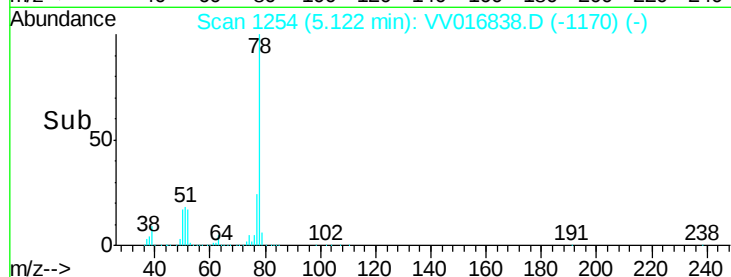
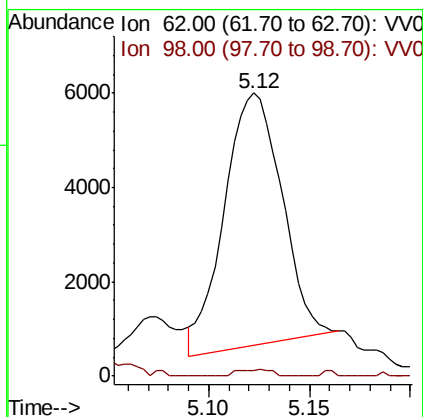
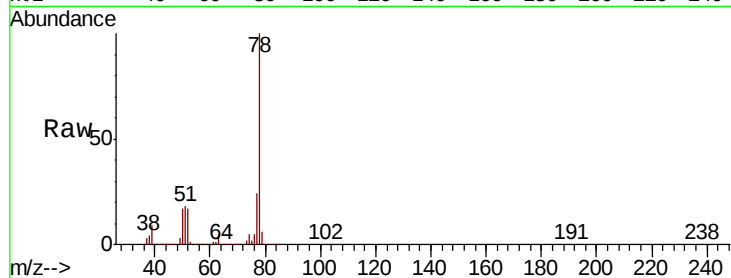
ClientSampleId :

Tot Ion: 62 Resp: 10727

Ion Ratio Lower Upper

62 100

98 2.2 7.4 11.2#



#29

Cyclohexane

Concen: 1.612 ug/L

RT: 4.70 min Scan# 1123

Delta R.T. -0.00 min

Lab File: VV016838.D

Acq: 11 Jun 2020 19:40

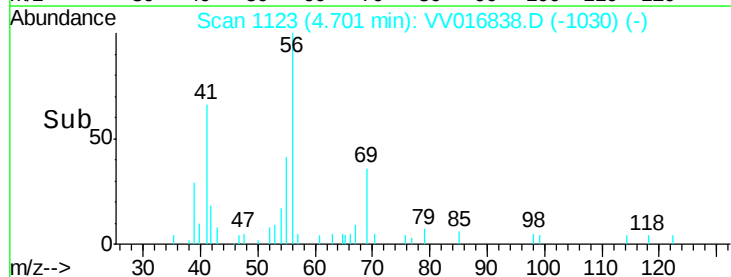
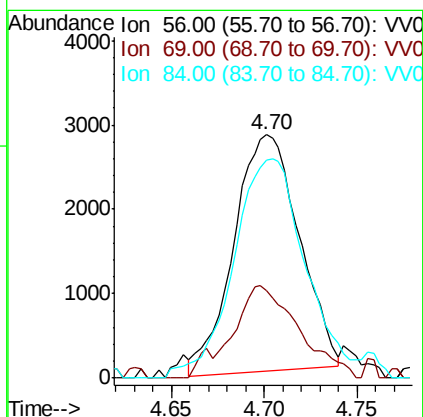
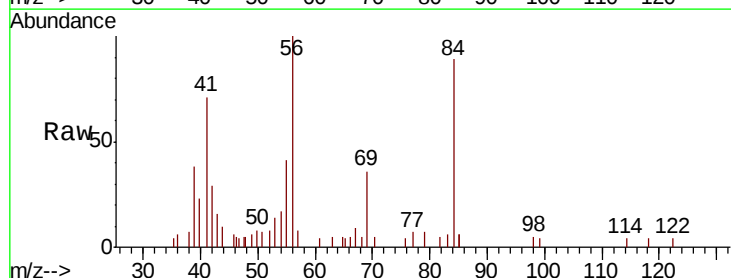
Tgt Ion: 56 Resp: 6893

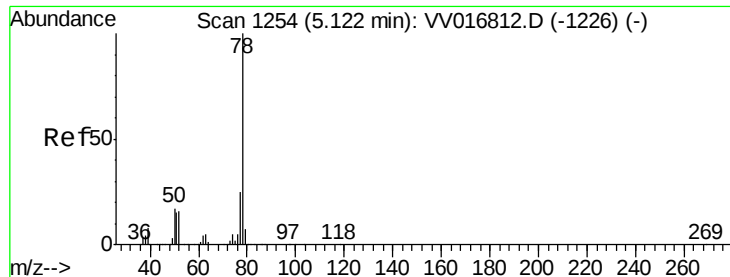
Ion Ratio Lower Upper

56 100

69 37.3 25.0 37.4

84 101.2 69.5 104.3





#33

Benzene

Concen: 123.117 ug/L

RT: 5.12 min Scan# 1254

Delta R.T. -0.00 min

Lab File: VV016838.D

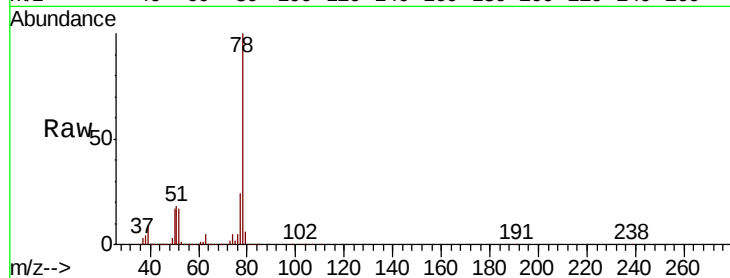
Acq: 11 Jun 2020 19:40

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 78 Resp: 1253300



Abundance Ion 78.00 (77.70 to 78.70): VV0

5.12

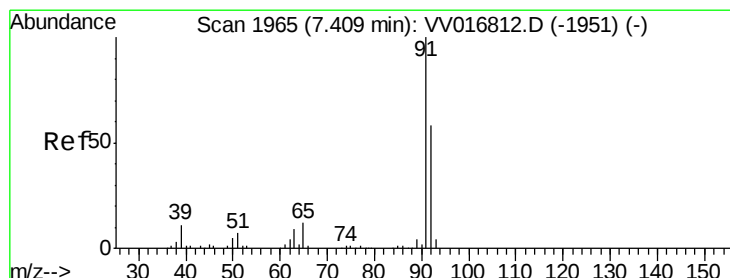
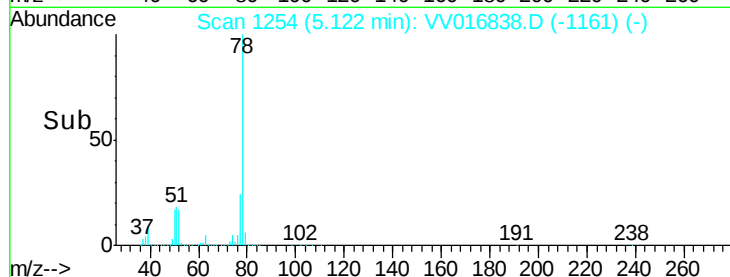
600000

400000

200000

0

Time-->



#42

Toluene

Concen: 2.441 ug/L

RT: 7.41 min Scan# 1966

Delta R.T. 0.00 min

Lab File: VV016838.D

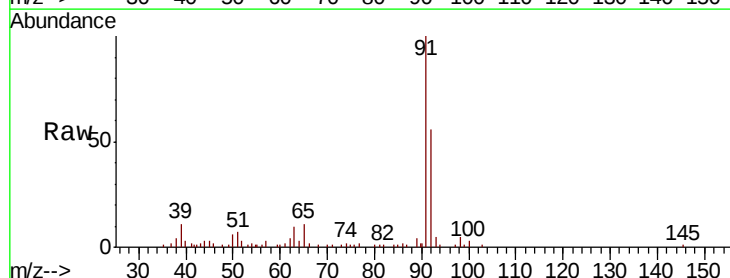
Acq: 11 Jun 2020 19:40

Tgt Ion: 91 Resp: 26193

Ion Ratio Lower Upper

91 100

92 55.7 40.4 75.0



Abundance Ion 91.00 (90.70 to 91.70): VV0

Ion 92.00 (91.70 to 92.70): VV0

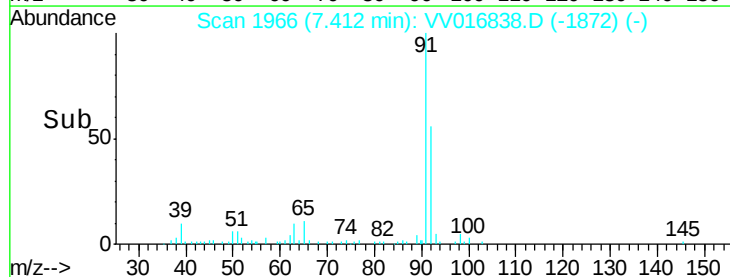
15000

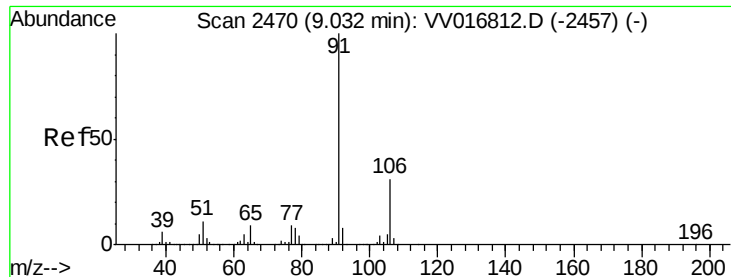
10000

5000

0

Time-->





#52

Ethylbenzene

Concen: 1.609 ug/L

RT: 9.04 min Scan# 2471

Delta R.T. 0.00 min

Lab File: VV016838.D

Acq: 11 Jun 2020 19:40

Instrument :

MSVOA_V

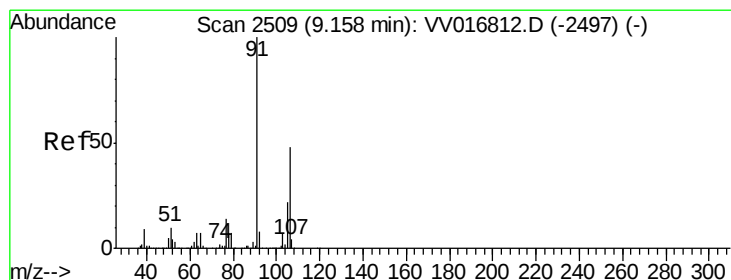
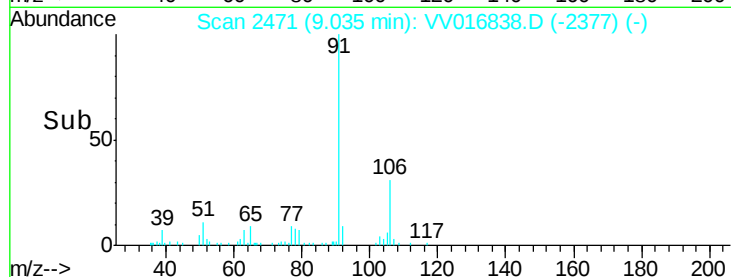
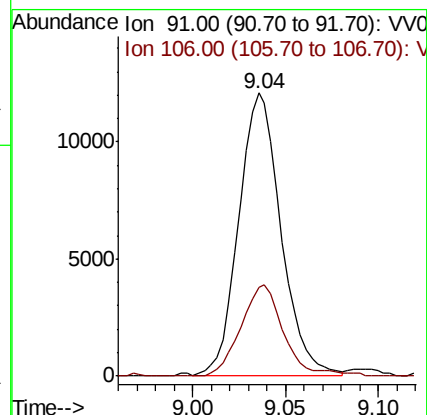
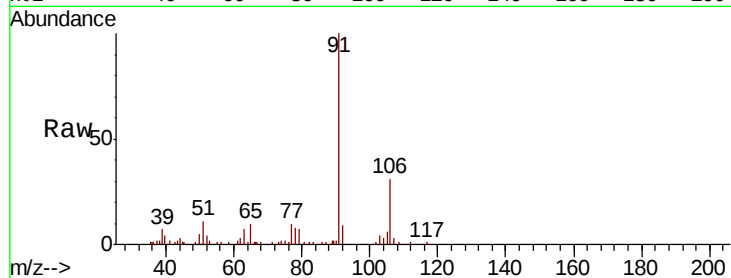
ClientSampleId :

Tot Ion: 91 Resp: 19125

Ion Ratio Lower Upper

91 100

106 31.3 21.1 39.1



#53

m,p-Xylene

Concen: 4.031 ug/L

RT: 9.16 min Scan# 2510

Delta R.T. 0.00 min

Lab File: VV016838.D

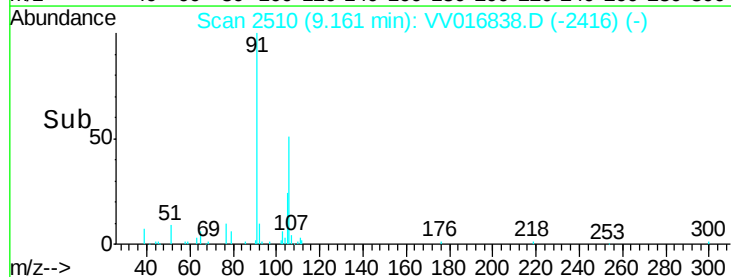
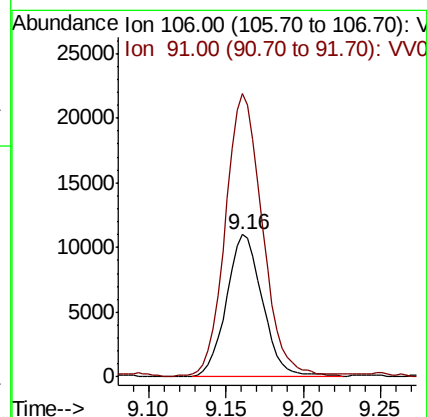
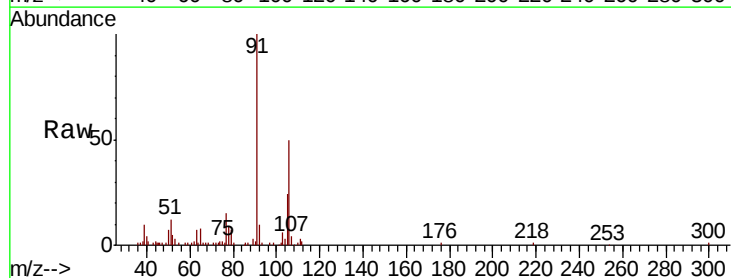
Acq: 11 Jun 2020 19:40

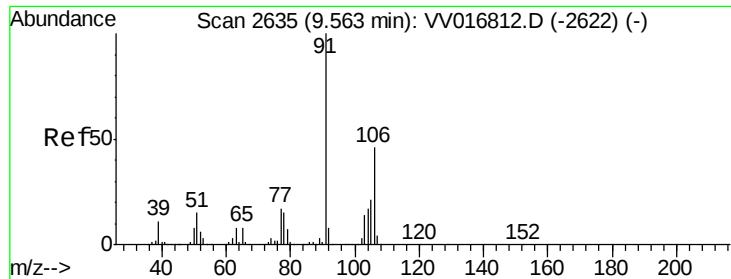
Tgt Ion: 106 Resp: 17841

Ion Ratio Lower Upper

106 100

91 199.0 144.6 268.6





#54

o-xylene

Concen: 1.582 ug/L

RT: 9.57 min Scan# 2636

Delta R.T. 0.00 min

Lab File: VV016838.D

Acq: 11 Jun 2020 19:40

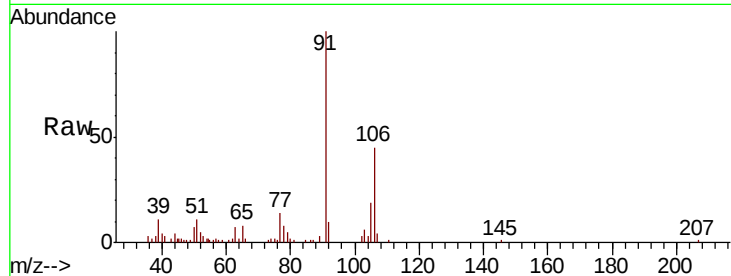
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:106 Resp: 6905

Ion Ratio Lower Upper

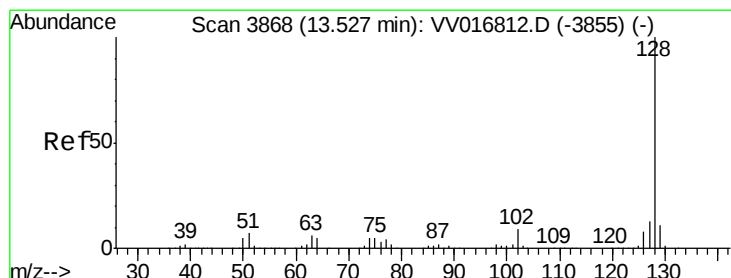
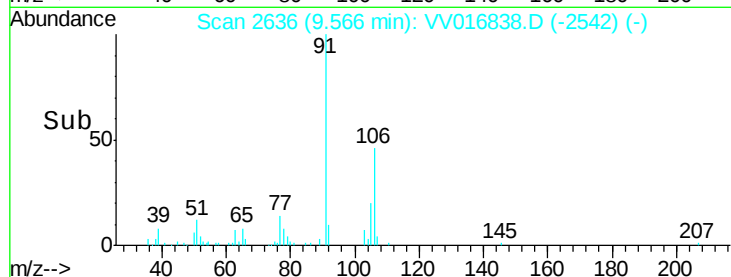
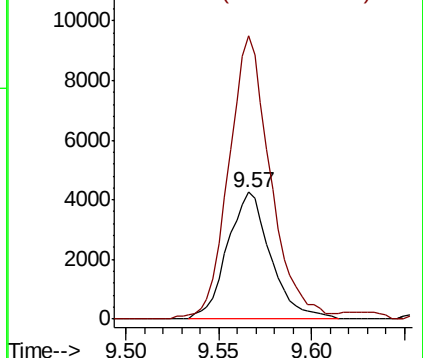
106 100

91 223.1 155.9 289.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0



#69

Naphthalene

Concen: 1.267 ug/L

RT: 13.53 min Scan# 3869

Delta R.T. 0.00 min

Lab File: VV016838.D

Acq: 11 Jun 2020 19:40

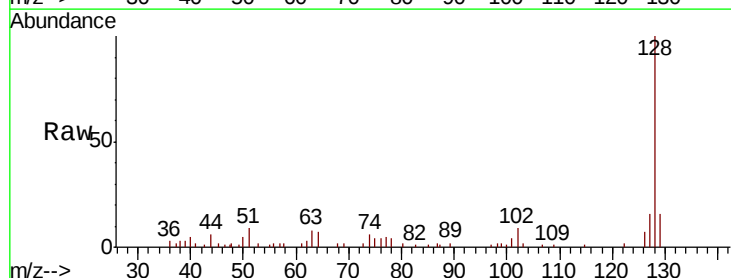
Tgt Ion:128 Resp: 13381

Ion Ratio Lower Upper

128 100

127 13.9 10.5 15.7

129 12.4 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

