

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061120\
 Data File : VV016837.D
 Acq On : 11 Jun 2020 19:16
 Operator : SY/MD
 Sample : L2914-07 25X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 12 01:34:22 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	357078	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	334468	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	170007	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	81981	32.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	65.08%
7) Chloroethane-d5	1.55	69	60577	40.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.14%
11) 1,1-Dichloroethene-d2	2.11	63	118000	27.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	55.78%#
21) 2-Butanone-d5	3.90	46	163284	87.56	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.56%
24) Chloroform-d	4.37	84	204365	39.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.78%
26) 1,2-Dichloroethane-d4	5.05	65	150504	43.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.38%
32) Benzene-d6	5.07	84	388852	40.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.66%
36) 1,2-Dichloropropane-d6	6.09	67	121648	40.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	80.96%
41) Toluene-d8	7.34	98	350999	39.67	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.34%#
43) trans-1,3-Dichloropropene-	7.64	79	60586	38.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.42%
47) 2-Hexanone-d5	8.11	63	101454	77.43	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	77.43%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	172081	43.25	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.50%
64) 1,2-Dichlorobenzene-d4	11.65	152	162754	44.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.72%

Target Compounds

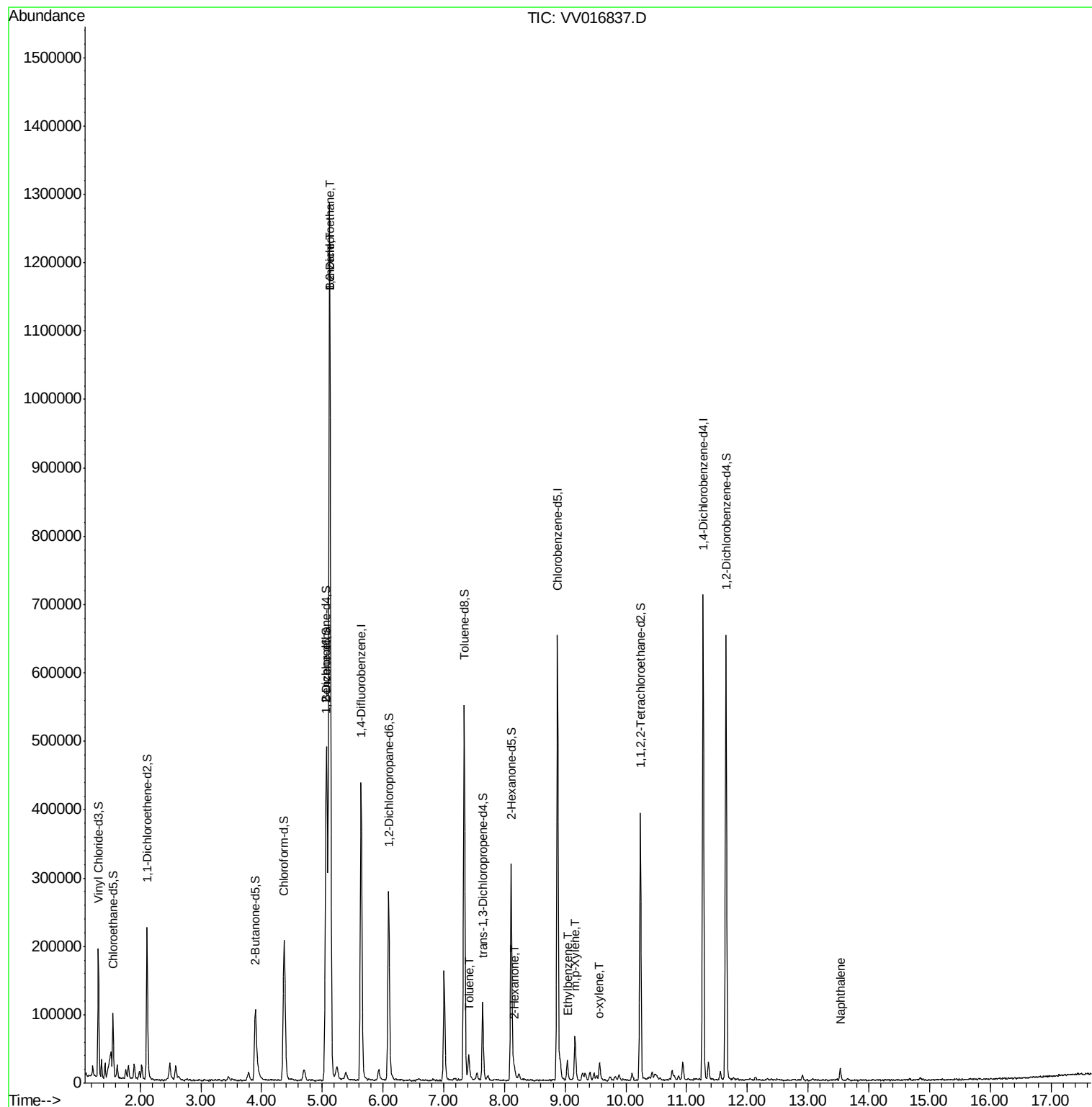
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
27) 1,2-Dichloroethane	5.12	62	10261	2.619	ug/L #	74
33) Benzene	5.12	78	1229055	124.198	ug/L	100
42) Toluene	7.41	91	25537	2.448	ug/L	100
48) 2-Hexanone	8.16	43	9935	3.514	ug/L #	77
52) Ethylbenzene	9.04	91	19307	1.671	ug/L	95
53) m,p-Xylene	9.16	106	17099	3.974	ug/L	99
54) o-xylene	9.57	106	6416	1.512	ug/L	95
69) Naphthalene	13.53	128	13049	1.232	ug/L	97

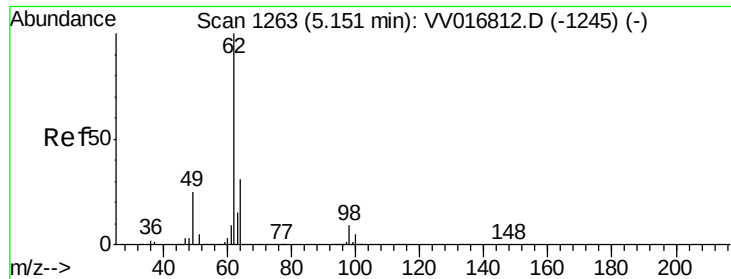
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

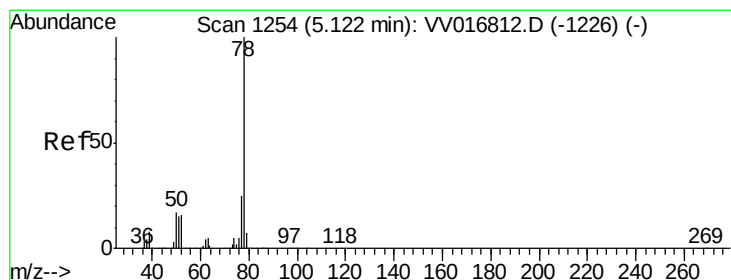
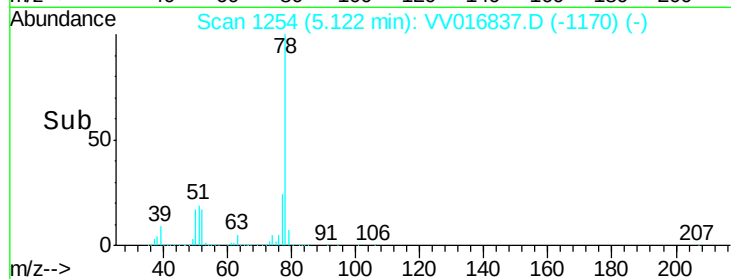
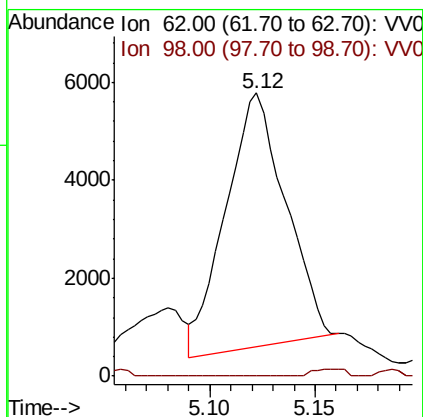
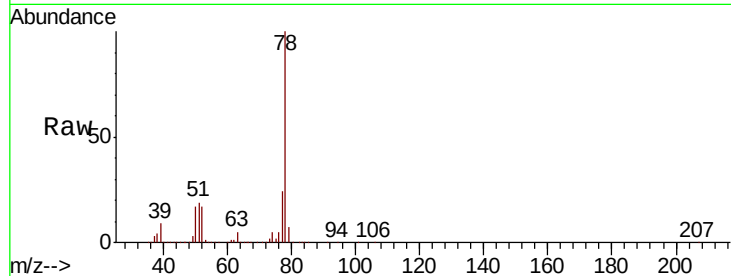




#27
 1,2-Dichloroethane
 Concen: 2.619 ug/L
 RT: 5.12 min Scan# 1254
 Delta R.T. -0.03 min
 Lab File: VV016837.D
 Acq: 11 Jun 2020 19:16

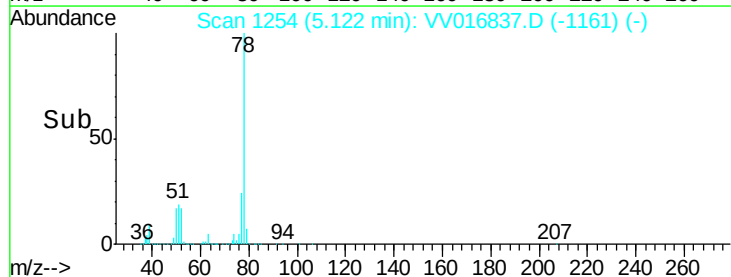
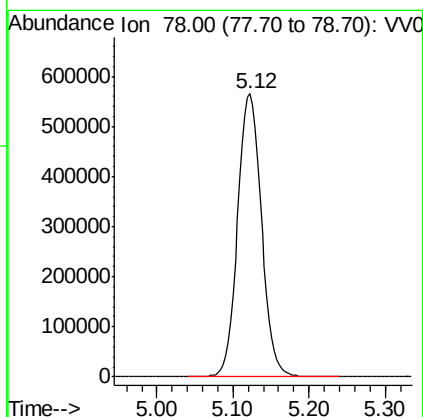
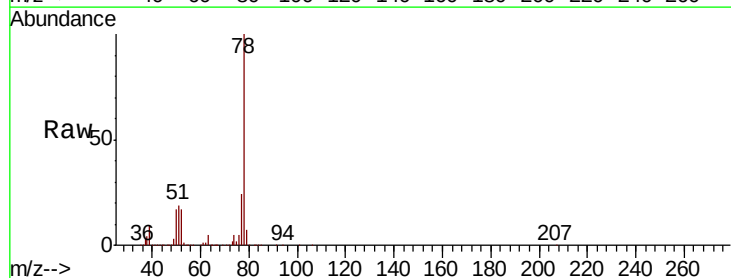
Instrument :
 MSVOA_V
 ClientSampleId :

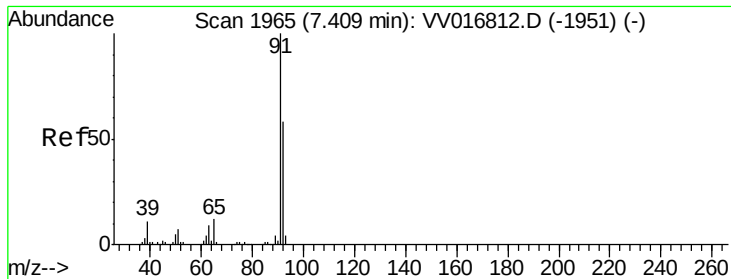
Tot Ion: 62 Resp: 10261
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.4 11.2#



#33
 Benzene
 Concen: 124.198 ug/L
 RT: 5.12 min Scan# 1254
 Delta R.T. -0.00 min
 Lab File: VV016837.D
 Acq: 11 Jun 2020 19:16

Tgt Ion: 78 Resp: 1229055





#42

Toluene

Concen: 2.448 ug/L

RT: 7.41 min Scan# 1966

Delta R.T. 0.00 min

Lab File: VV016837.D

Acq: 11 Jun 2020 19:16

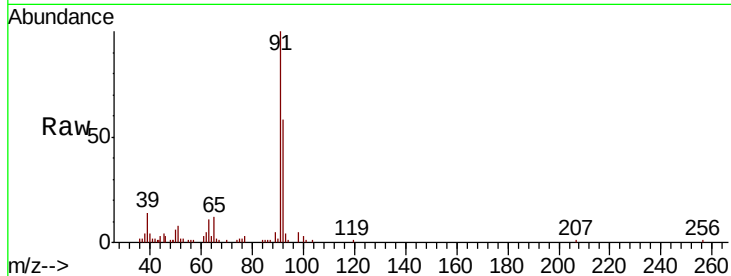
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 91 Resp: 25537

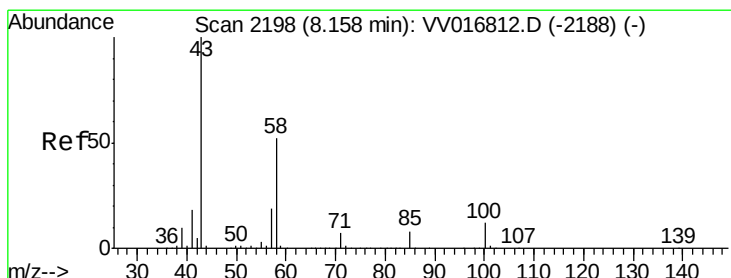
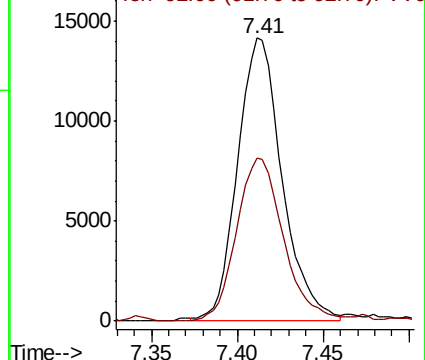
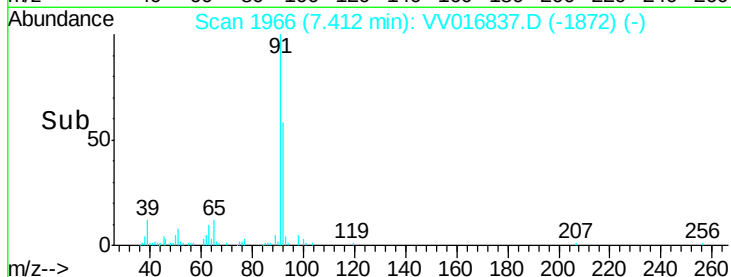
Ion Ratio Lower Upper

91 100

92 57.5 40.4 75.0



Abundance Ion 91.00 (90.70 to 91.70): VV016837.D (-1872) (-)



#48

2-Hexanone

Concen: 3.514 ug/L

RT: 8.16 min Scan# 2200

Delta R.T. 0.01 min

Lab File: VV016837.D

Acq: 11 Jun 2020 19:16

Tgt Ion: 43 Resp: 9935

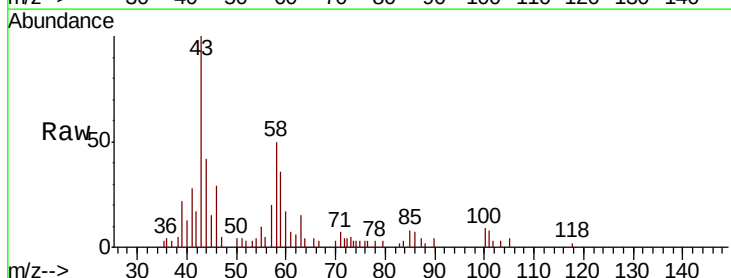
Ion Ratio Lower Upper

43 100

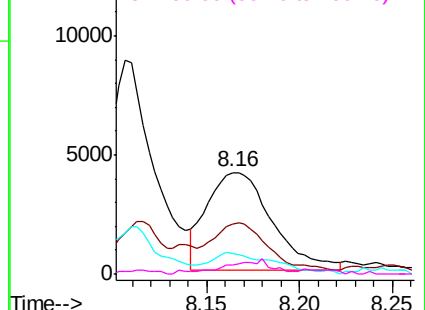
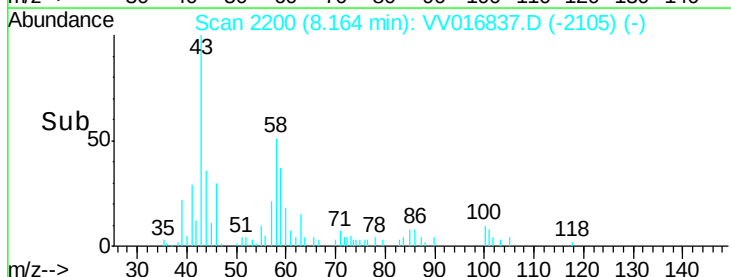
58 38.3 43.1 64.7#

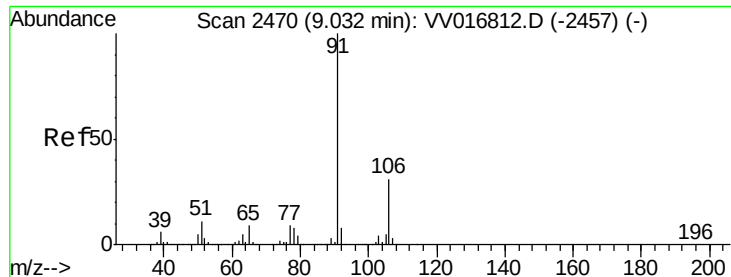
57 6.1 15.3 22.9#

100 4.5 10.0 15.0#



Abundance Ion 43.00 (42.70 to 43.70): VV016837.D (-2105) (-)





#52

Ethylbenzene

Concen: 1.671 ug/L

RT: 9.04 min Scan# 2471

Delta R.T. 0.00 min

Lab File: VV016837.D

Acq: 11 Jun 2020 19:16

Instrument :

MSVOA_V

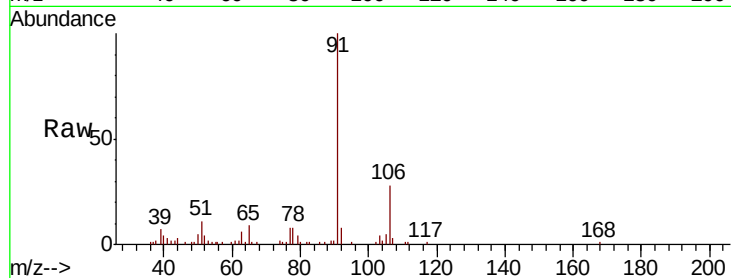
ClientSampled :

Tot Ion: 91 Resp: 19307

Ion Ratio Lower Upper

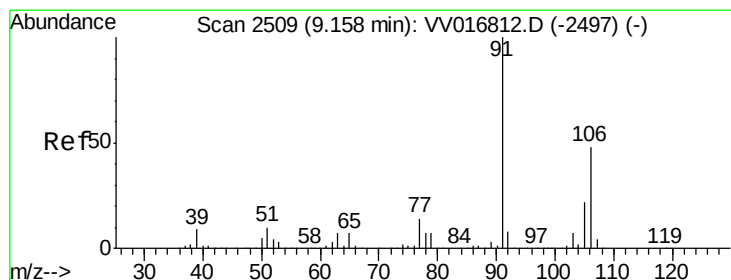
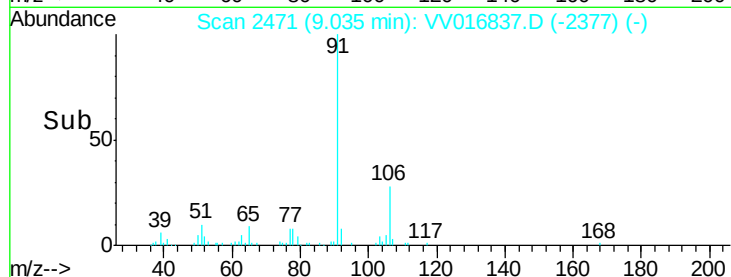
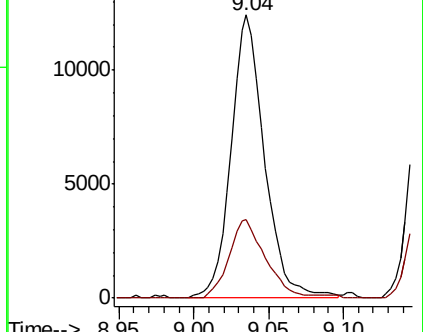
91 100

106 27.6 21.1 39.1



Abundance Ion 91.00 (90.70 to 91.70): VV016812.D (-2457) (-)

Ion 106.00 (105.70 to 106.70): VV016812.D (-2457) (-)



#53

m,p-Xylene

Concen: 3.974 ug/L

RT: 9.16 min Scan# 2510

Delta R.T. 0.00 min

Lab File: VV016837.D

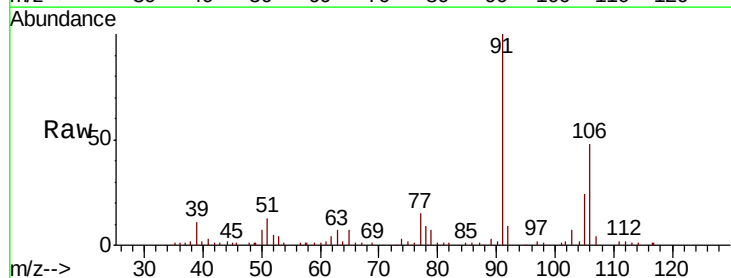
Acq: 11 Jun 2020 19:16

Tgt Ion: 106 Resp: 17099

Ion Ratio Lower Upper

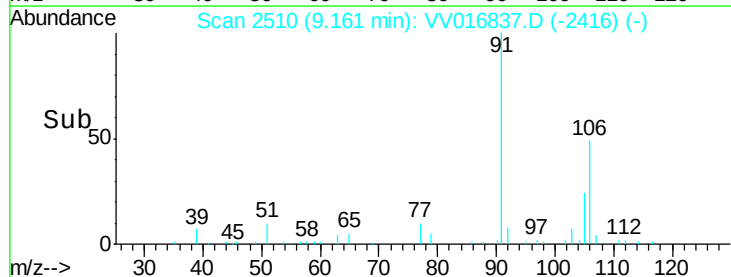
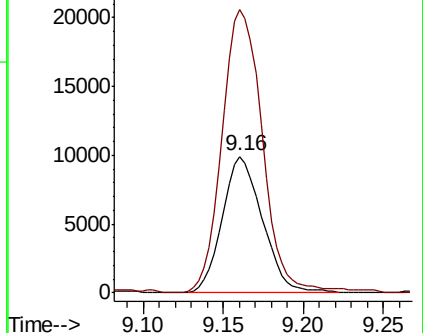
106 100

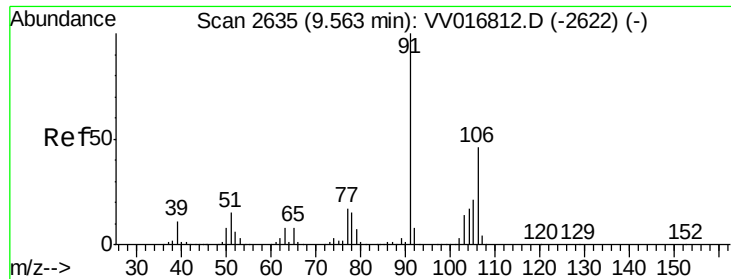
91 207.5 144.6 268.6



Abundance Ion 106.00 (105.70 to 106.70): VV016812.D (-2497) (-)

Ion 91.00 (90.70 to 91.70): VV016812.D (-2497) (-)

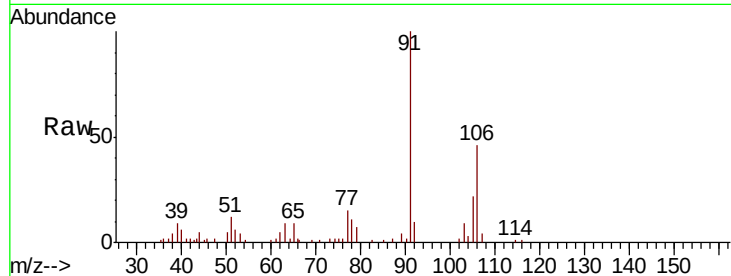




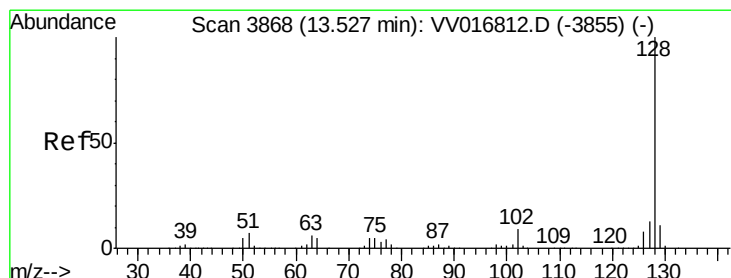
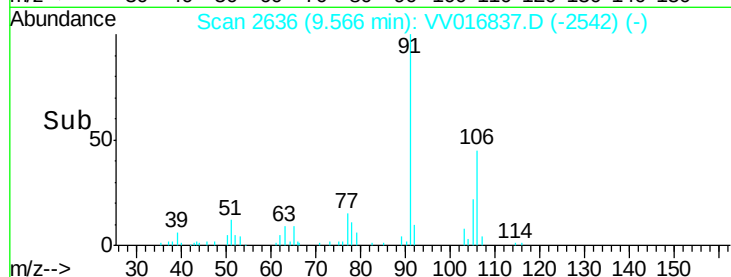
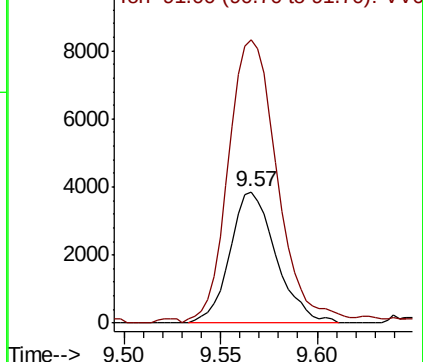
#54
o-xylene
Concen: 1.512 ug/L
RT: 9.57 min Scan# 2636
Delta R.T. 0.00 min
Lab File: VV016837.D
Acq: 11 Jun 2020 19:16

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:106 Resp: 6416
Ion Ratio Lower Upper
106 100
91 215.4 155.9 289.5

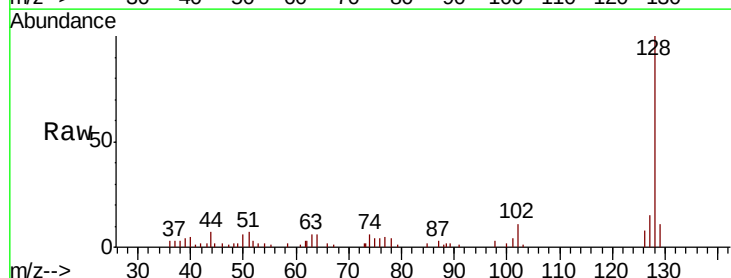


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VV0



#69
Naphthalene
Concen: 1.232 ug/L
RT: 13.53 min Scan# 3869
Delta R.T. 0.00 min
Lab File: VV016837.D
Acq: 11 Jun 2020 19:16

Tgt Ion:128 Resp: 13049
Ion Ratio Lower Upper
128 100
127 14.3 10.5 15.7
129 9.6 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

