

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061120\
 Data File : VV016836.D
 Acq On : 11 Jun 2020 18:52
 Operator : SY/MD
 Sample : L2914-06 25X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 12 01:34:06 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	367946	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	347952	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	174504	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	80419	30.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	61.94%
7) Chloroethane-d5	1.56	69	62222	39.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.88%
11) 1,1-Dichloroethene-d2	2.12	63	119464	27.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	54.80%#
21) 2-Butanone-d5	3.89	46	167291	87.06	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.06%
24) Chloroform-d	4.37	84	206900	39.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.38%
26) 1,2-Dichloroethane-d4	5.05	65	151736	42.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.52%
32) Benzene-d6	5.07	84	390819	38.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.92%
36) 1,2-Dichloropropane-d6	6.09	67	124846	39.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	79.86%
41) Toluene-d8	7.34	98	350647	38.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	76.20%#
43) trans-1,3-Dichloropropene-	7.64	79	59817	36.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.46%
47) 2-Hexanone-d5	8.11	63	99809	73.22	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	73.22%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	170636	41.23	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.46%
64) 1,2-Dichlorobenzene-d4	11.65	152	158428	42.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.08%

Target Compounds

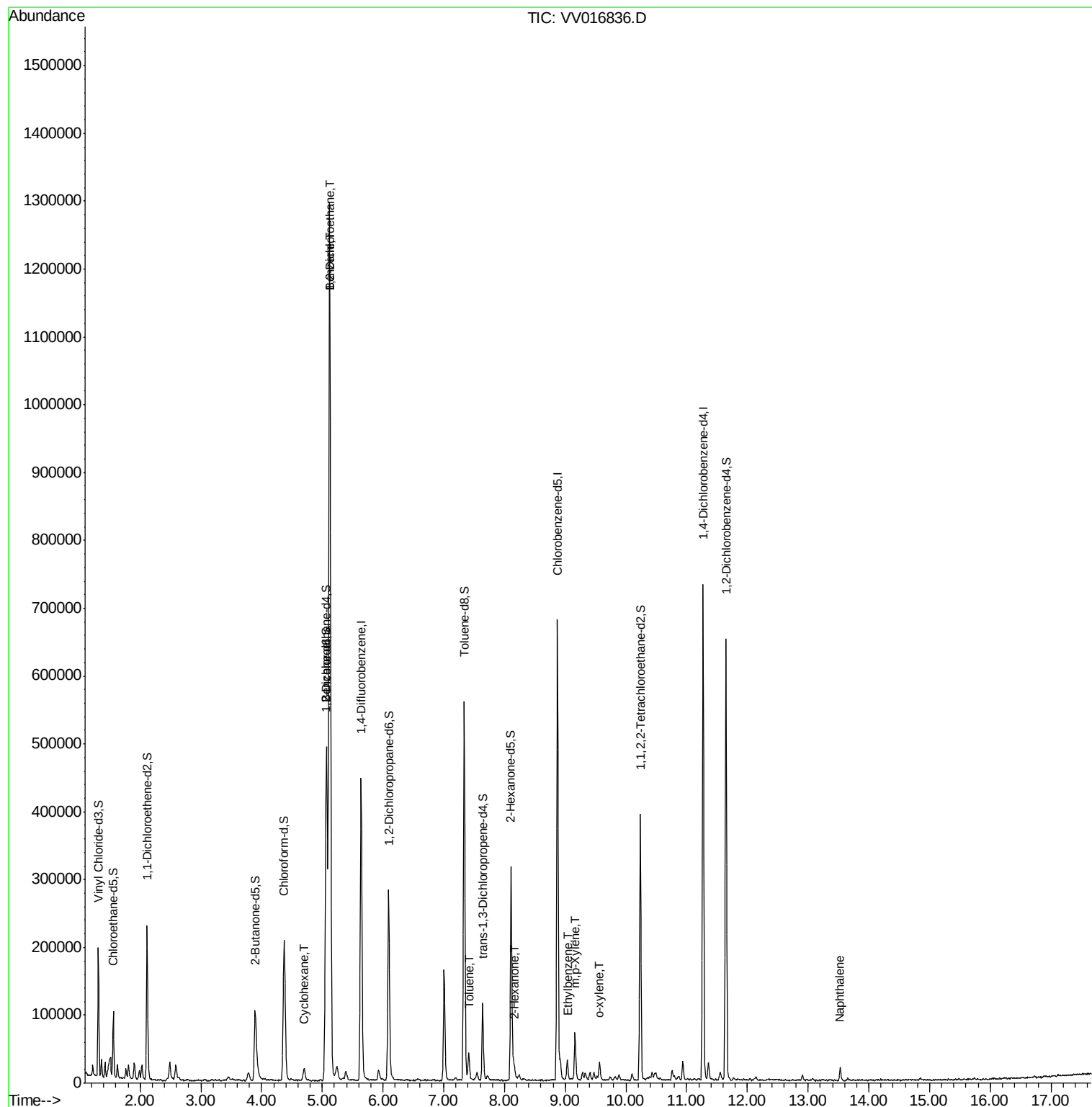
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
27) 1,2-Dichloroethane	5.12	62	14606	3.617	ug/L #	74
29) Cyclohexane	4.70	56	8784	2.032	ug/L	97
33) Benzene	5.12	78	1249224	121.344	ug/L	100
42) Toluene	7.41	91	27369	2.522	ug/L	97
48) 2-Hexanone	8.17	43	7679	2.611	ug/L #	97
52) Ethylbenzene	9.04	91	19391	1.613	ug/L	99
53) m,p-Xylene	9.16	106	17619	3.937	ug/L	93
54) o-xylene	9.57	106	6512	1.475	ug/L	85
69) Naphthalene	13.53	128	13233	1.217	ug/L	96

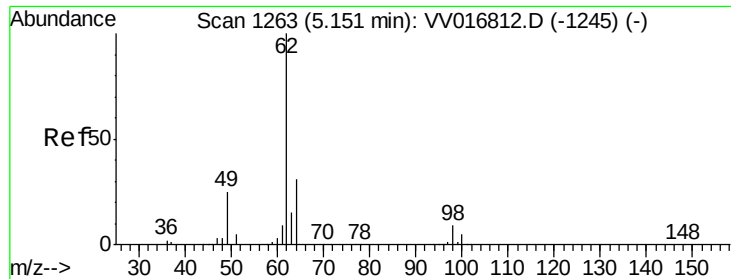
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 3.617 ug/L

RT: 5.12 min Scan# 1254

Delta R.T. -0.03 min

Lab File: VV016836.D

Acq: 11 Jun 2020 18:52

Instrument :

MSVOA_V

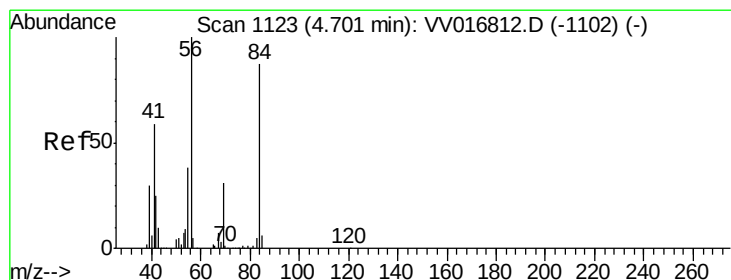
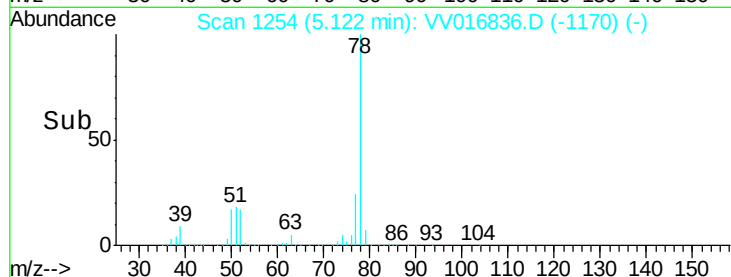
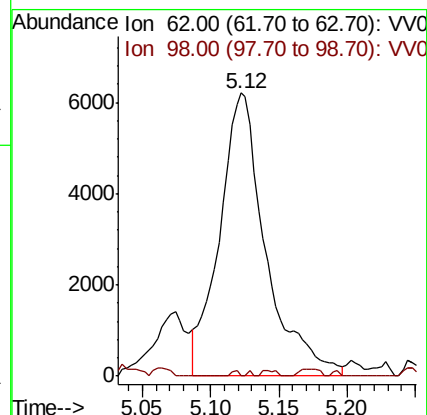
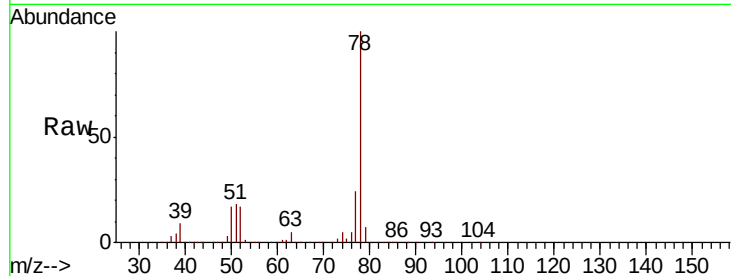
ClientSampleId :

Tot Ion: 62 Resp: 14606

Ion Ratio Lower Upper

62 100

98 0.0 7.4 11.2#



#29

Cyclohexane

Concen: 2.032 ug/L

RT: 4.70 min Scan# 1123

Delta R.T. -0.00 min

Lab File: VV016836.D

Acq: 11 Jun 2020 18:52

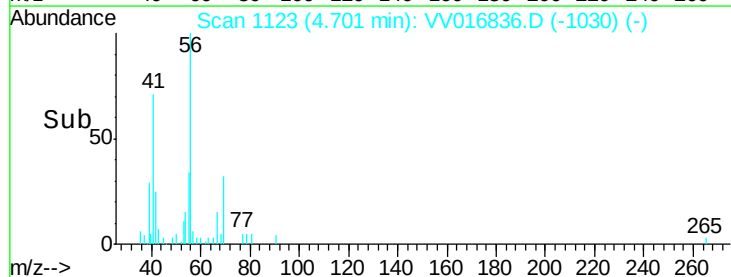
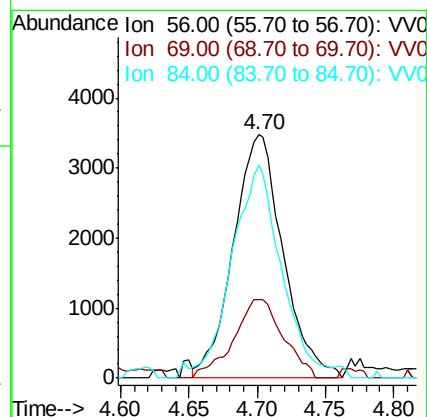
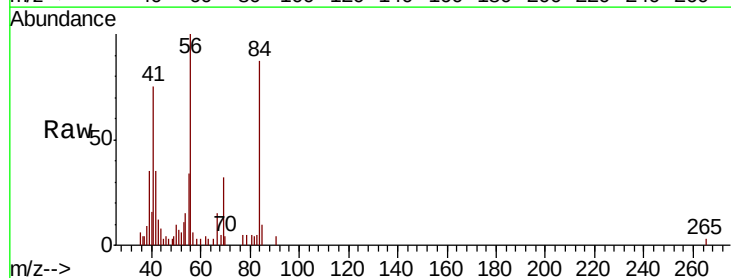
Tgt Ion: 56 Resp: 8784

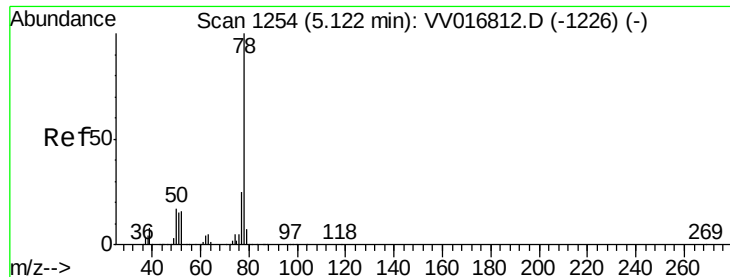
Ion Ratio Lower Upper

56 100

69 31.7 25.0 37.4

84 83.2 69.5 104.3





#33

Benzene

Concen: 121.344 ug/L

RT: 5.12 min Scan# 1254

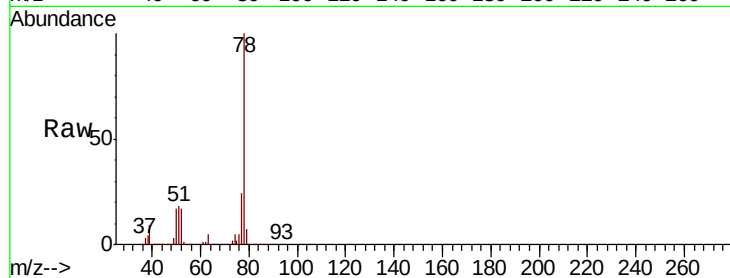
Delta R.T. -0.00 min

Lab File: VV016836.D

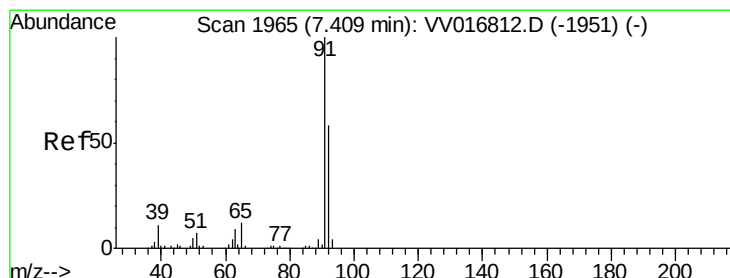
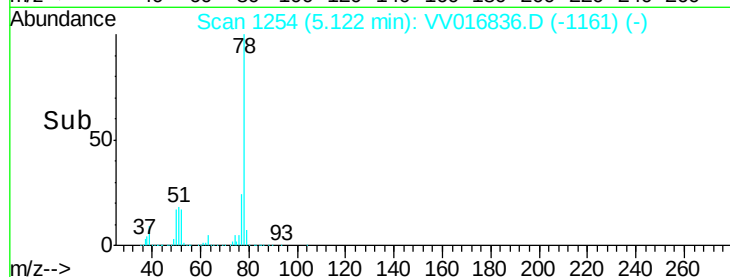
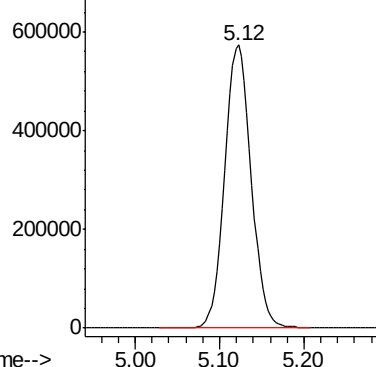
Acq: 11 Jun 2020 18:52

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 78 Resp: 1249224



Abundance Ion 78.00 (77.70 to 78.70): VV0



#42

Toluene

Concen: 2.522 ug/L

RT: 7.41 min Scan# 1966

Delta R.T. 0.00 min

Lab File: VV016836.D

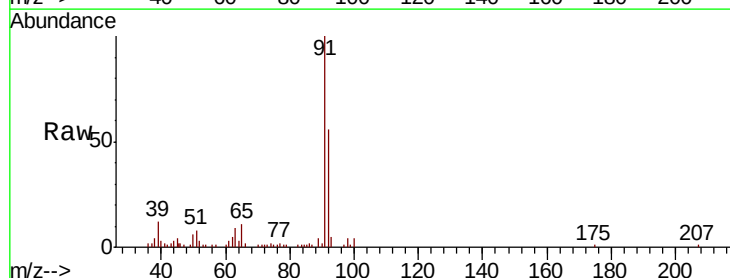
Acq: 11 Jun 2020 18:52

Tgt Ion: 91 Resp: 27369

Ion Ratio Lower Upper

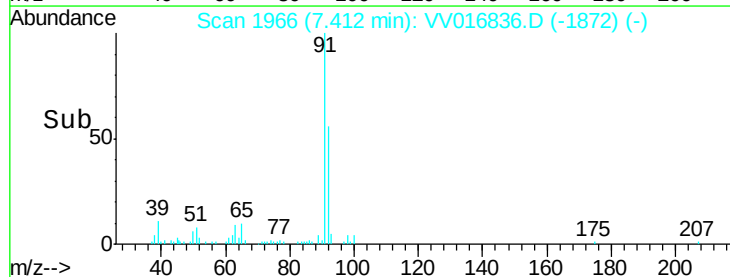
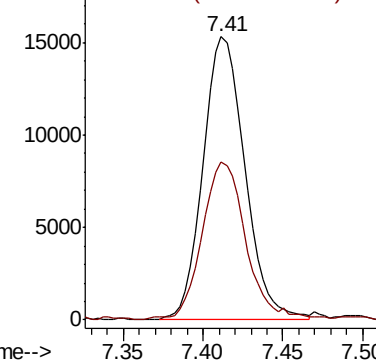
91 100

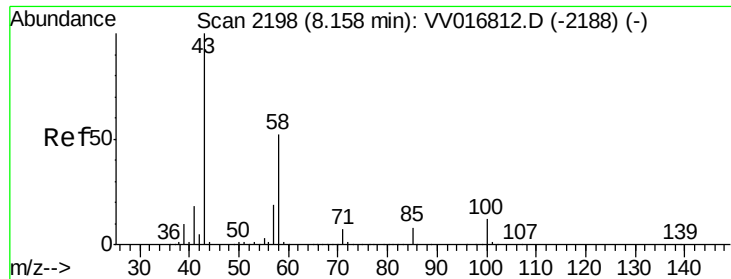
92 55.7 40.4 75.0



Abundance Ion 91.00 (90.70 to 91.70): VV0

Ion 92.00 (91.70 to 92.70): VV0

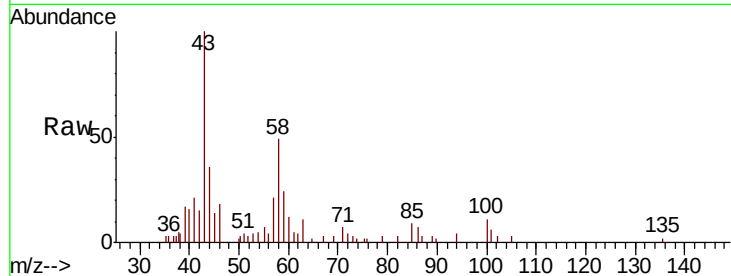




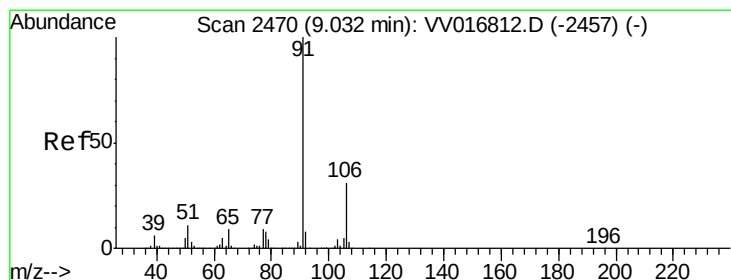
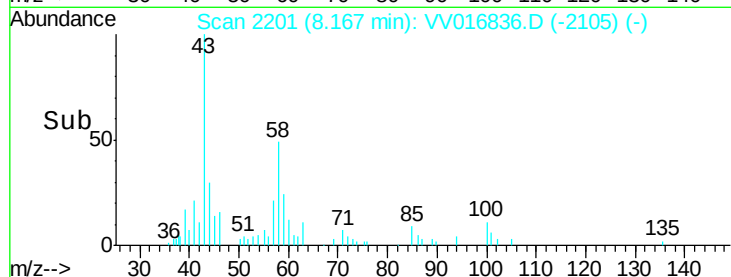
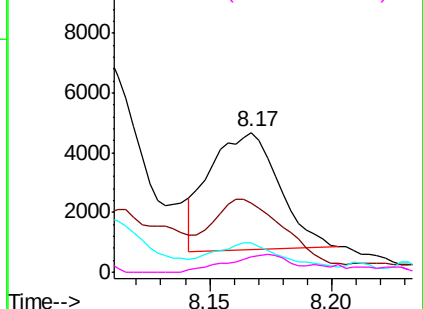
#48
2-Hexanone
Concen: 2.611 ug/L
RT: 8.17 min Scan# 2201
Delta R.T. 0.01 min
Lab File: VV016836.D
Acq: 11 Jun 2020 18:52

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 7679
Ion Ratio Lower Upper
43 100
58 54.4 43.1 64.7
57 23.4 15.3 22.9#
100 13.2 10.0 15.0

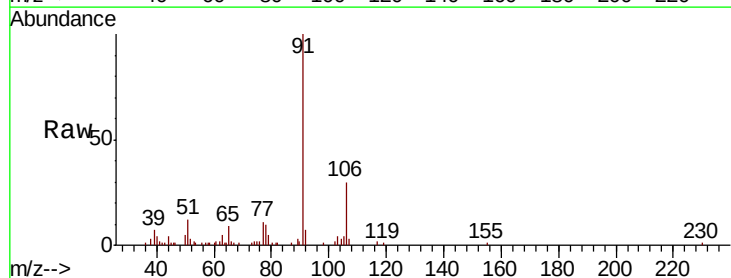


Abundance Ion 43.00 (42.70 to 43.70): VV0
Ion 58.00 (57.70 to 58.70): VV0
Ion 57.00 (56.70 to 57.70): VV0
Ion 100.00 (99.70 to 100.70): VV0

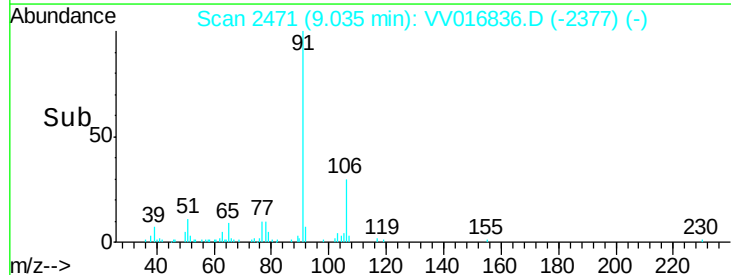
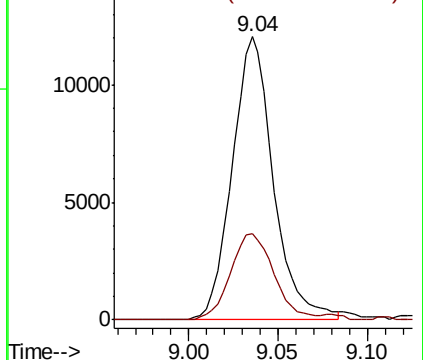


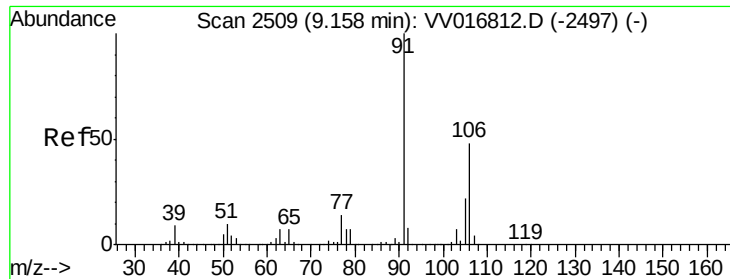
#52
Ethylbenzene
Concen: 1.613 ug/L
RT: 9.04 min Scan# 2471
Delta R.T. 0.00 min
Lab File: VV016836.D
Acq: 11 Jun 2020 18:52

Tgt Ion: 91 Resp: 19391
Ion Ratio Lower Upper
91 100
106 30.5 21.1 39.1



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

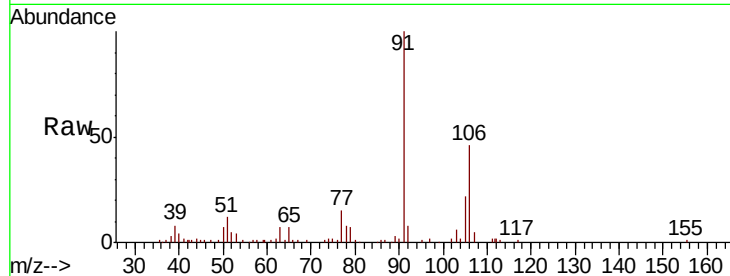




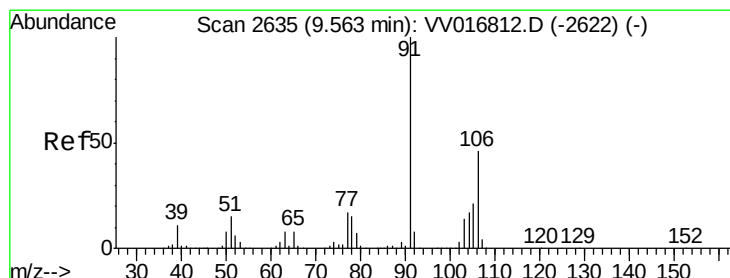
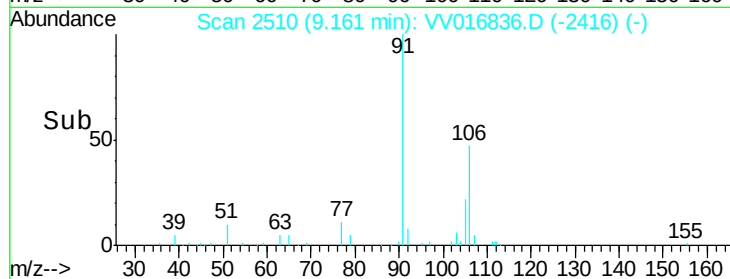
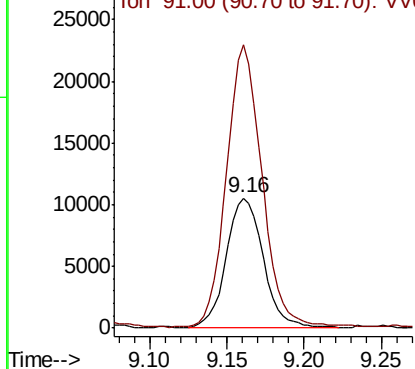
#53
m,p-Xylene
Concen: 3.937 ug/L
RT: 9.16 min Scan# 2510
Delta R.T. 0.00 min
Lab File: VV016836.D
Acq: 11 Jun 2020 18:52

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:106 Resp: 17619
Ion Ratio Lower Upper
106 100
91 217.4 144.6 268.6

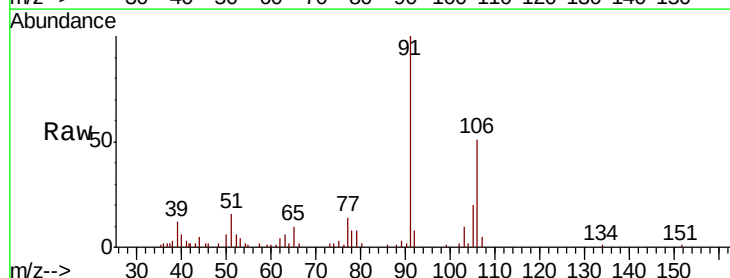


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VV0

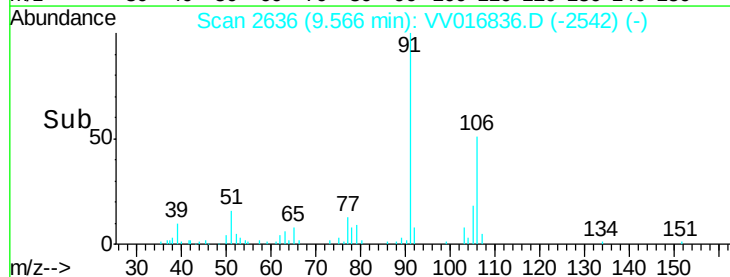
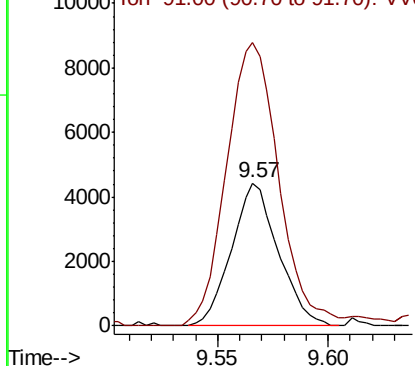


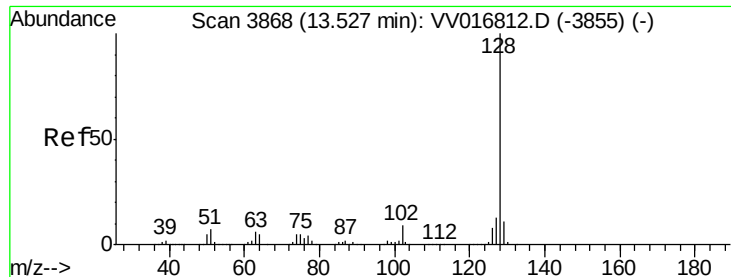
#54
o-xylene
Concen: 1.475 ug/L
RT: 9.57 min Scan# 2636
Delta R.T. 0.00 min
Lab File: VV016836.D
Acq: 11 Jun 2020 18:52

Tgt Ion:106 Resp: 6512
Ion Ratio Lower Upper
106 100
91 197.6 155.9 289.5



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





#69

Naphthalene

Concen: 1.217 ug/L

RT: 13.53 min Scan# 3868

Delta R.T. -0.00 min

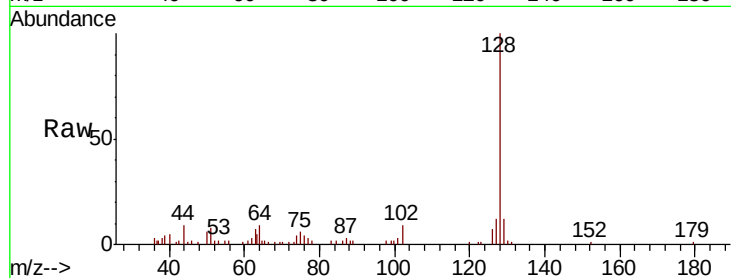
Lab File: VV016836.D

Acq: 11 Jun 2020 18:52

Instrument :

MSVOA_V

ClientSampleId :



Tot Ion:128 Resp: 13233

Ion Ratio Lower Upper

128 100

127 15.0 10.5 15.7

129 11.8 8.7 13.1

