

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060620\
 Data File : VV016634.D
 Acq On : 07 Jun 2020 10:55
 Operator : SY/MD
 Sample : L2861-12DL 40X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9E45DL

Quant Time: Jun 08 06:54:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jun 08 05:42:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	369309	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	342428	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	162229	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	108384	41.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.86%
7) Chloroethane-d5	1.57	69	74057	39.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.44%
11) 1,1-Dichloroethene-d2	2.12	63	145878	31.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.92%
21) 2-Butanone-d5	3.90	46	168279	100.61	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.61%
24) Chloroform-d	4.37	84	228177	46.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.96%
26) 1,2-Dichloroethane-d4	5.05	65	165114	50.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.46%
32) Benzene-d6	5.07	84	456537	49.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.54%
36) 1,2-Dichloropropane-d6	6.09	67	144493	50.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.12%
41) Toluene-d8	7.34	98	414391	49.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.48%
43) trans-1,3-Dichloropropene-	7.64	79	61600	44.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.46%
47) 2-Hexanone-d5	8.11	63	122783	100.31	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.31%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	178867	46.14	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.28%
64) 1,2-Dichlorobenzene-d4	11.65	152	160886	52.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.54%

Target Compounds

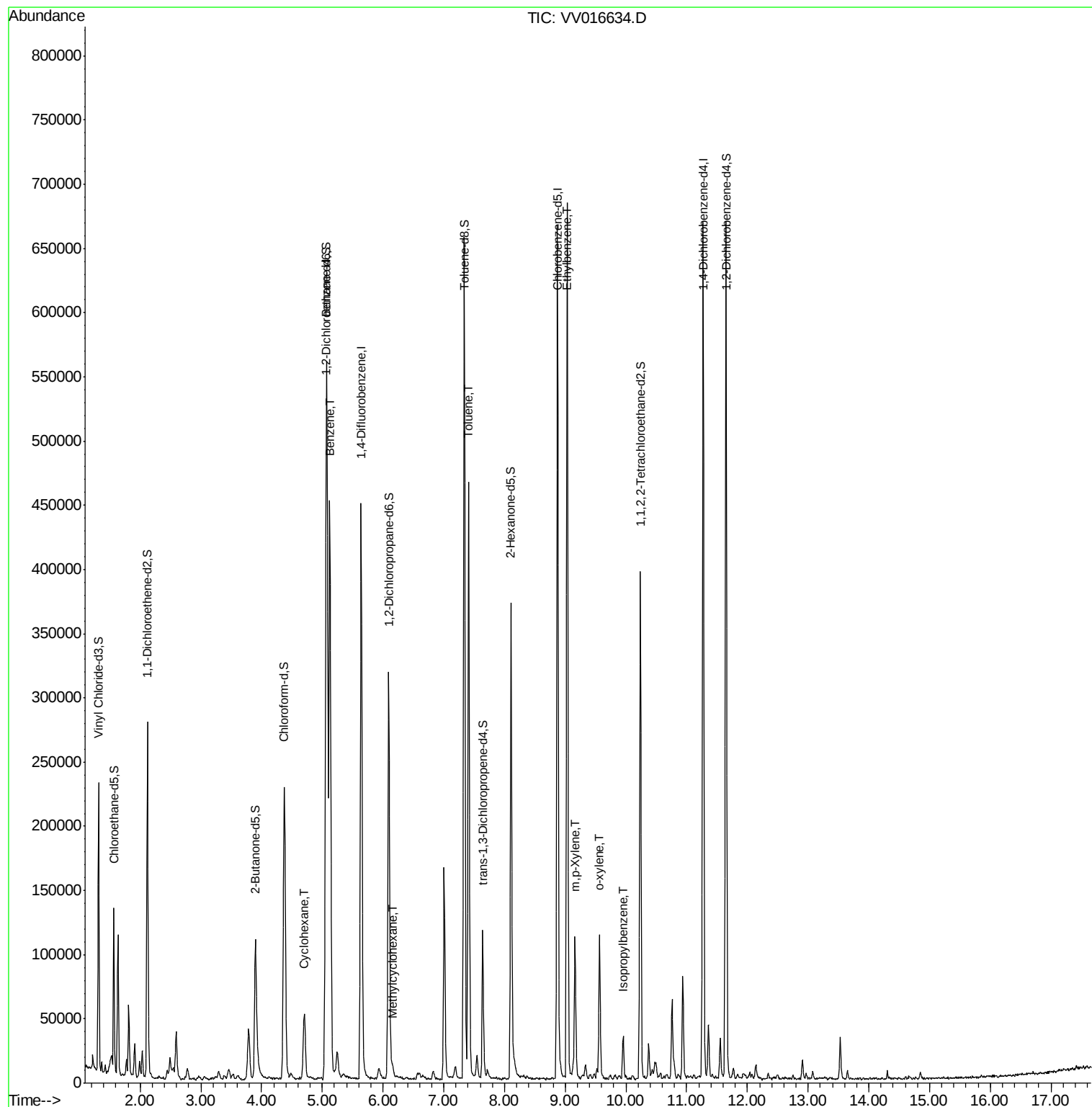
					Ovalue
29) Cyclohexane	4.70	56	27636	6.800 ug/L	99
33) Benzene	5.12	78	438034	43.496 ug/L	100
35) Methylcyclohexane	6.15	83	2709	0.714 ug/L #	84
42) Toluene	7.41	91	326392	30.586 ug/L	98
52) Ethylbenzene	9.03	91	458854	39.507 ug/L	100
53) m,p-Xylene	9.16	106	29071	6.638 ug/L	96
54) o-xylene	9.57	106	28656	6.756 ug/L	99
56) Isopropylbenzene	9.95	105	19495	1.770 ug/L	98

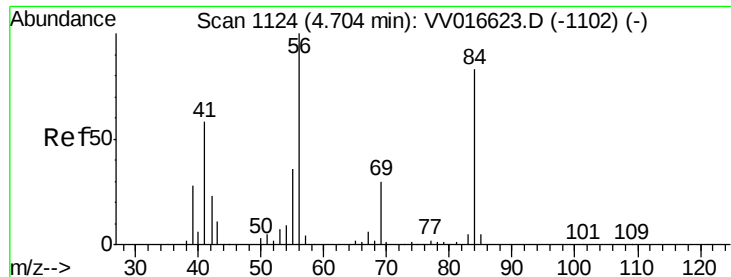
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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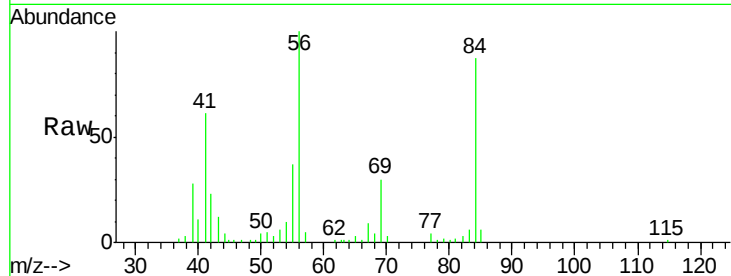




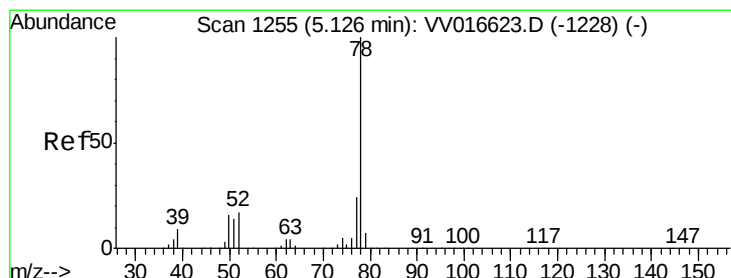
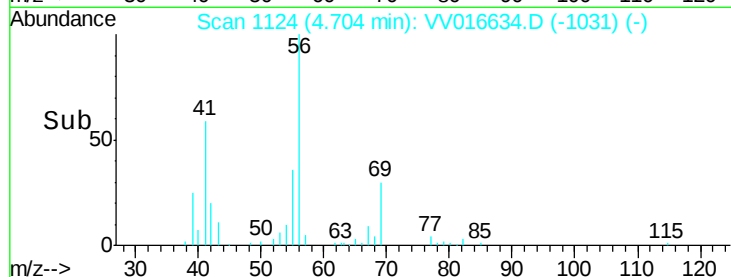
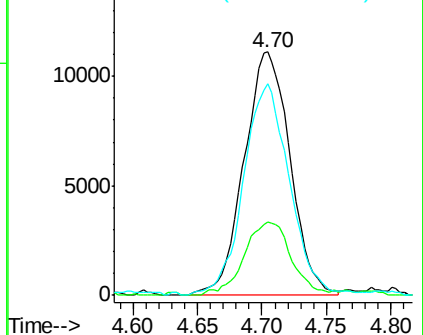
#29
Cyclohexane
Concen: 6.800 ug/L
RT: 4.70 min Scan# 1124
Delta R.T. -0.00 min
Lab File: VV016634.D
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MSVOA_V
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F9E45DL

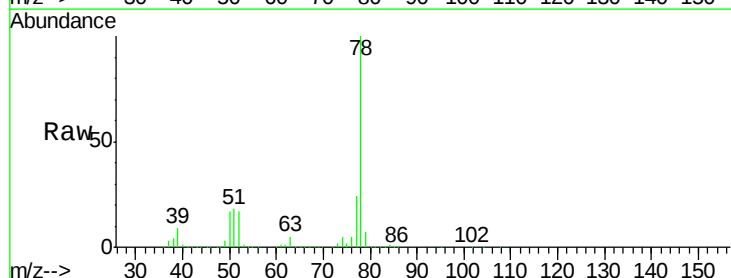
Tot Ion: 56 Resp: 27636
Ion Ratio Lower Upper
56 100
69 30.1 23.9 35.9
84 86.4 68.2 102.2



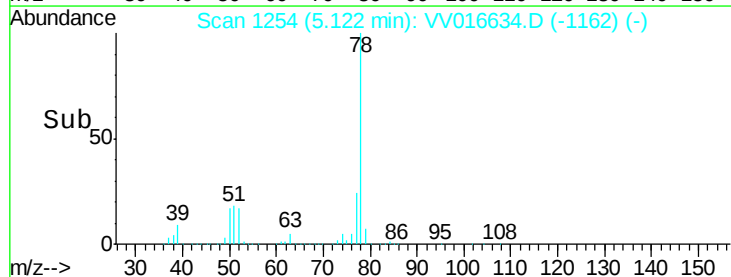
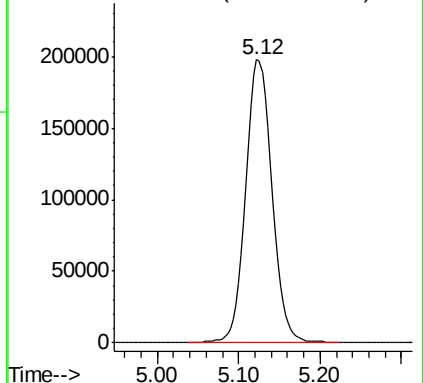
Abundance Ion 56.00 (55.70 to 56.70): VV0
Ion 69.00 (68.70 to 69.70): VV0
Ion 84.00 (83.70 to 84.70): VV0

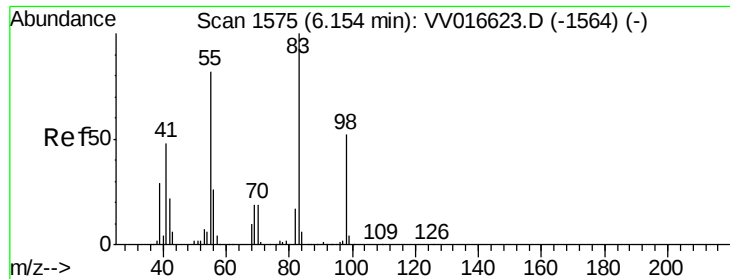


#33
Benzene
Concen: 43.496 ug/L
RT: 5.12 min Scan# 1254
Delta R.T. -0.00 min
Lab File: VV016634.D
Acq: 07 Jun 2020 10:55
Tgt Ion: 78 Resp: 438034



Abundance Ion 78.00 (77.70 to 78.70): VV0

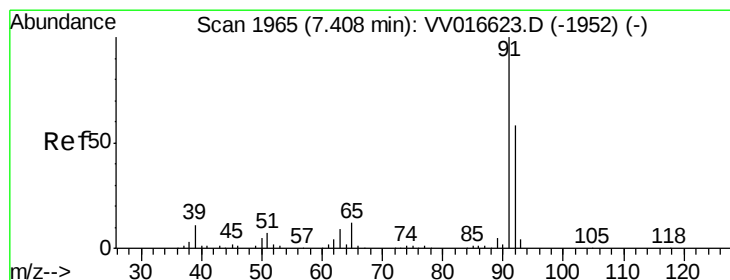
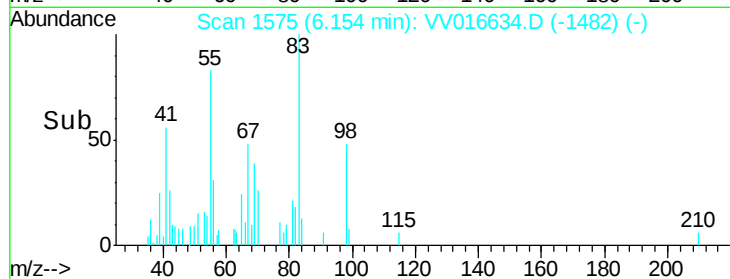
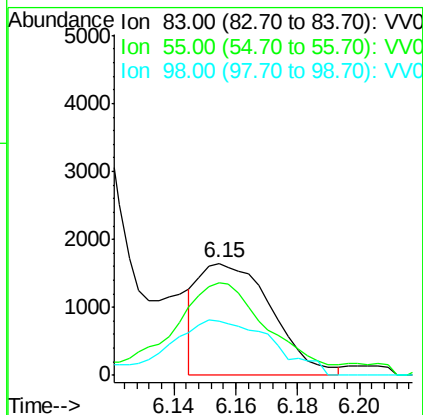
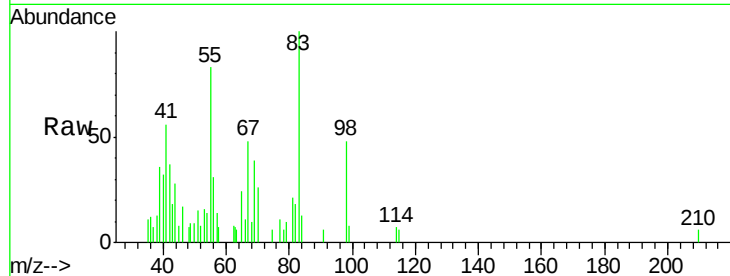




#35
Methvlcvclohexane
Concen: 0.714 ug/L
RT: 6.15 min Scan# 1575
Delta R.T. -0.00 min
Lab File: VV016634.D
Acq: 07 Jun 2020 10:55

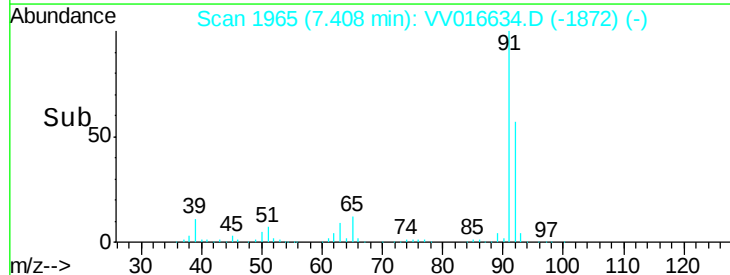
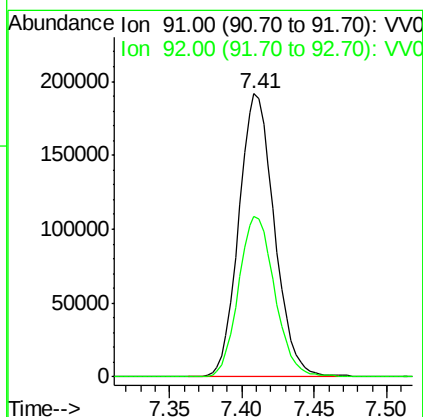
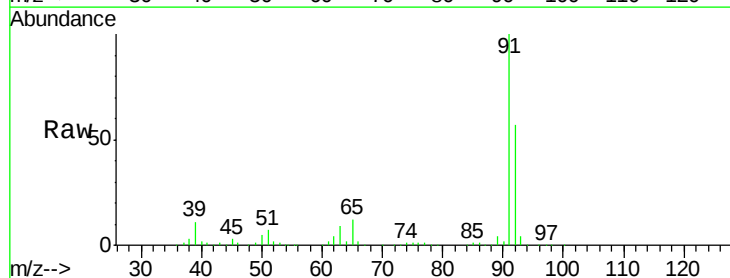
Instrument :
MSVOA_V
ClientSampleId :
F9E45DL

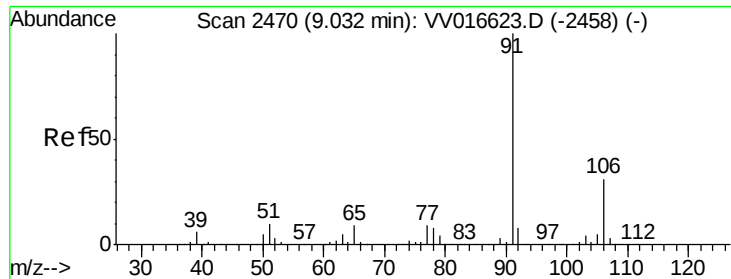
Tot Ion: 83 Resp: 2709
Ion Ratio Lower Upper
83 100
55 100.4 63.4 95.0#
98 51.0 39.4 59.0



#42
Toluene
Concen: 30.586 ug/L
RT: 7.41 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VV016634.D
Acq: 07 Jun 2020 10:55

Tgt Ion: 91 Resp: 326392
Ion Ratio Lower Upper
91 100
92 56.8 40.9 75.9

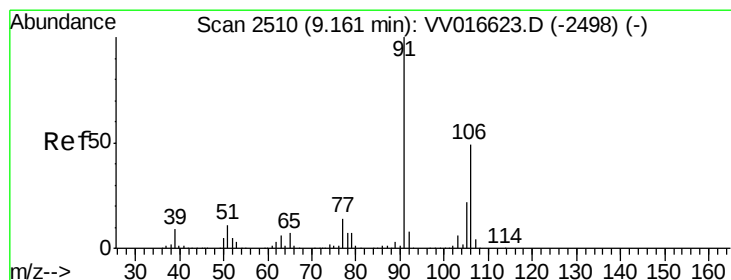
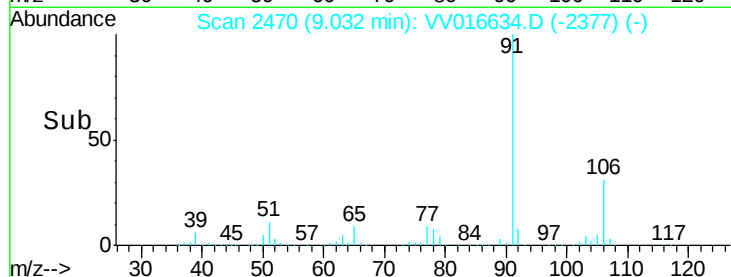
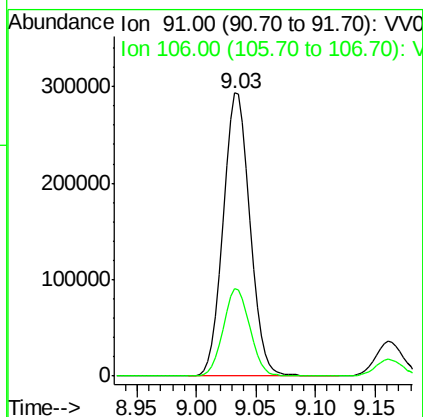
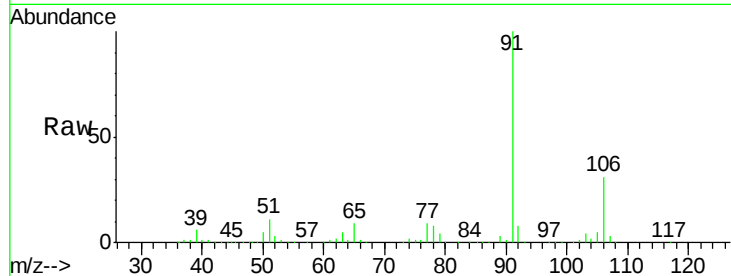




#52
Ethylbenzene
Concen: 39.507 ug/L
RT: 9.03 min Scan# 2470
Delta R.T. -0.00 min
Lab File: VV016634.D
Acq: 07 Jun 2020 10:55

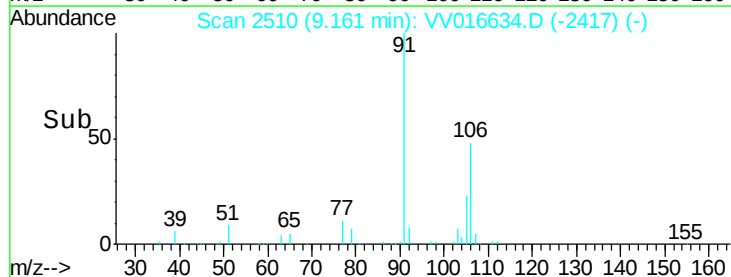
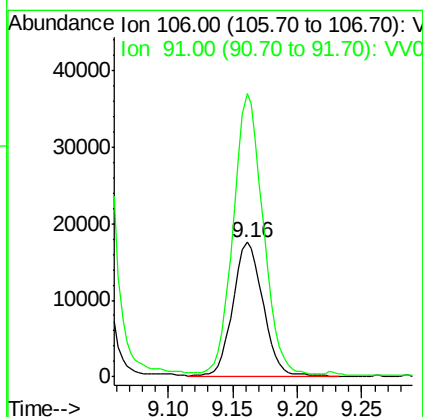
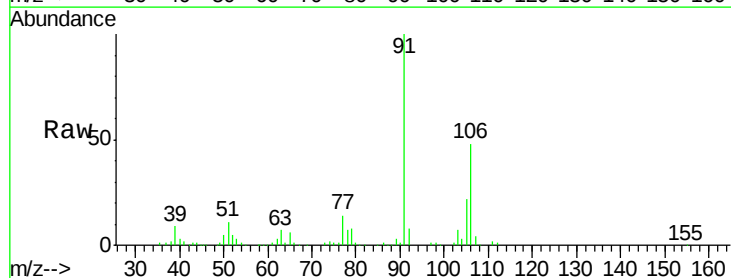
Instrument :
MSVOA_V
ClientSampleId :
F9E45DL

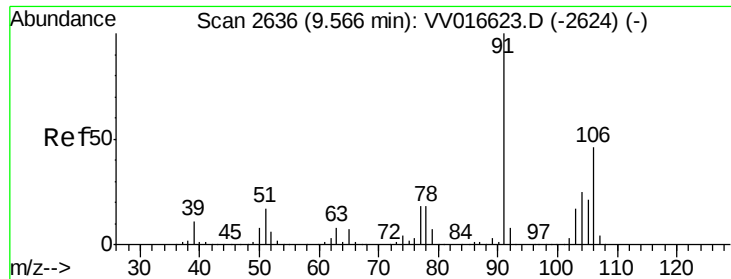
Tot Ion: 91 Resp: 458854
Ion Ratio Lower Upper
91 100
106 30.9 21.8 40.4



#53
m,p-Xylene
Concen: 6.638 ug/L
RT: 9.16 min Scan# 2510
Delta R.T. -0.00 min
Lab File: VV016634.D
Acq: 07 Jun 2020 10:55

Tgt Ion: 106 Resp: 29071
Ion Ratio Lower Upper
106 100
91 210.0 142.5 264.6





#54

o-xylene

Concen: 6.756 ug/L

RT: 9.57 min Scan# 2636

Delta R.T. -0.00 min

Lab File: VV016634.D

Acq: 07 Jun 2020 10:55

Instrument :

MSVOA_V

ClientSampleId :

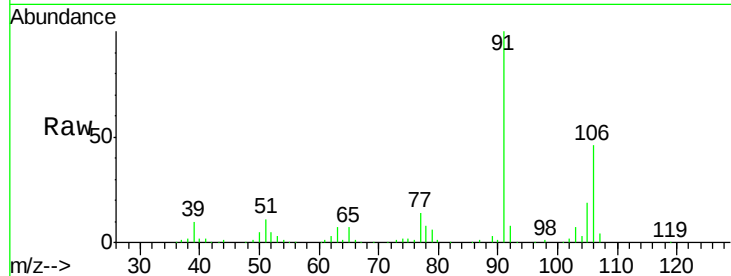
F9E45DL

Tot Ion:106 Resp: 28656

Ion Ratio Lower Upper

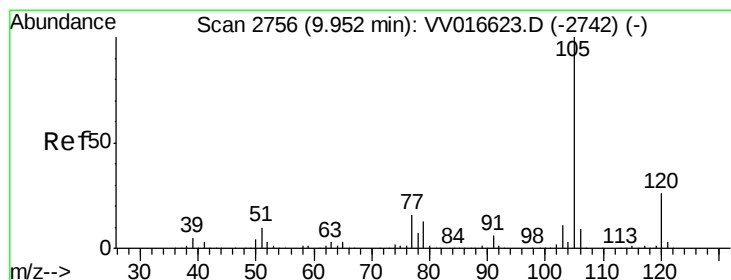
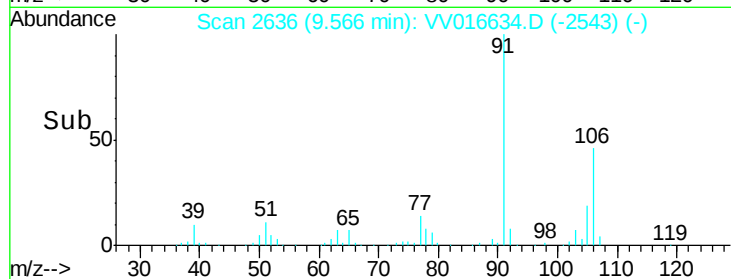
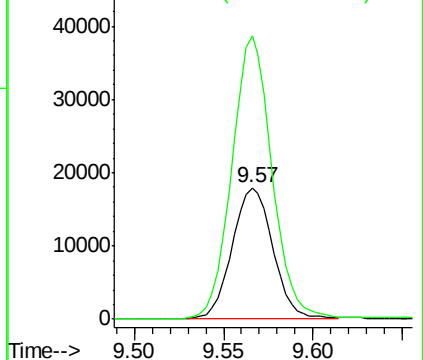
106 100

91 215.9 152.5 283.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0



#56

Isopropylbenzene

Concen: 1.770 ug/L

RT: 9.95 min Scan# 2757

Delta R.T. 0.00 min

Lab File: VV016634.D

Acq: 07 Jun 2020 10:55

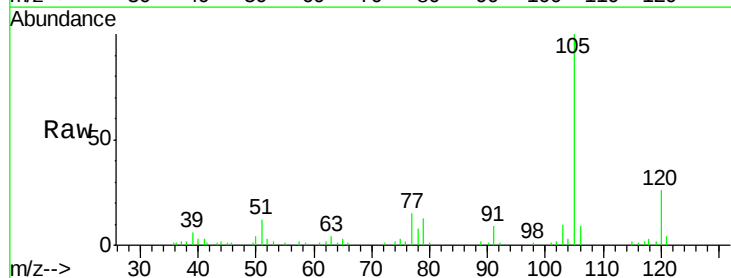
Tgt Ion:105 Resp: 19495

Ion Ratio Lower Upper

105 100

120 26.4 21.0 31.6

77 18.2 13.0 19.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): VV0

