

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060620\
 Data File : VV016633.D
 Acq On : 07 Jun 2020 10:31
 Operator : SY/MD
 Sample : L2861-11DL 40X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9E44DL

Quant Time: Jun 08 06:49:05 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	347268	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	320394	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	154160	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	103271	41.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.98%
7) Chloroethane-d5	1.56	69	71202	40.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.20%
11) 1,1-Dichloroethene-d2	2.12	63	137992	31.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.30%
21) 2-Butanone-d5	3.90	46	172755	109.84	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.84%
24) Chloroform-d	4.37	84	223212	48.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.72%
26) 1,2-Dichloroethane-d4	5.05	65	158524	51.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.58%
32) Benzene-d6	5.07	84	442827	51.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.20%
36) 1,2-Dichloropropane-d6	6.09	67	140701	52.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.22%
41) Toluene-d8	7.34	98	399278	51.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.46%
43) trans-1,3-Dichloropropene-	7.64	79	59273	45.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.96%
47) 2-Hexanone-d5	8.11	63	124906	109.06	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.06%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	180660	49.81	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.62%
64) 1,2-Dichlorobenzene-d4	11.65	152	158530	54.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.44%

Target Compounds

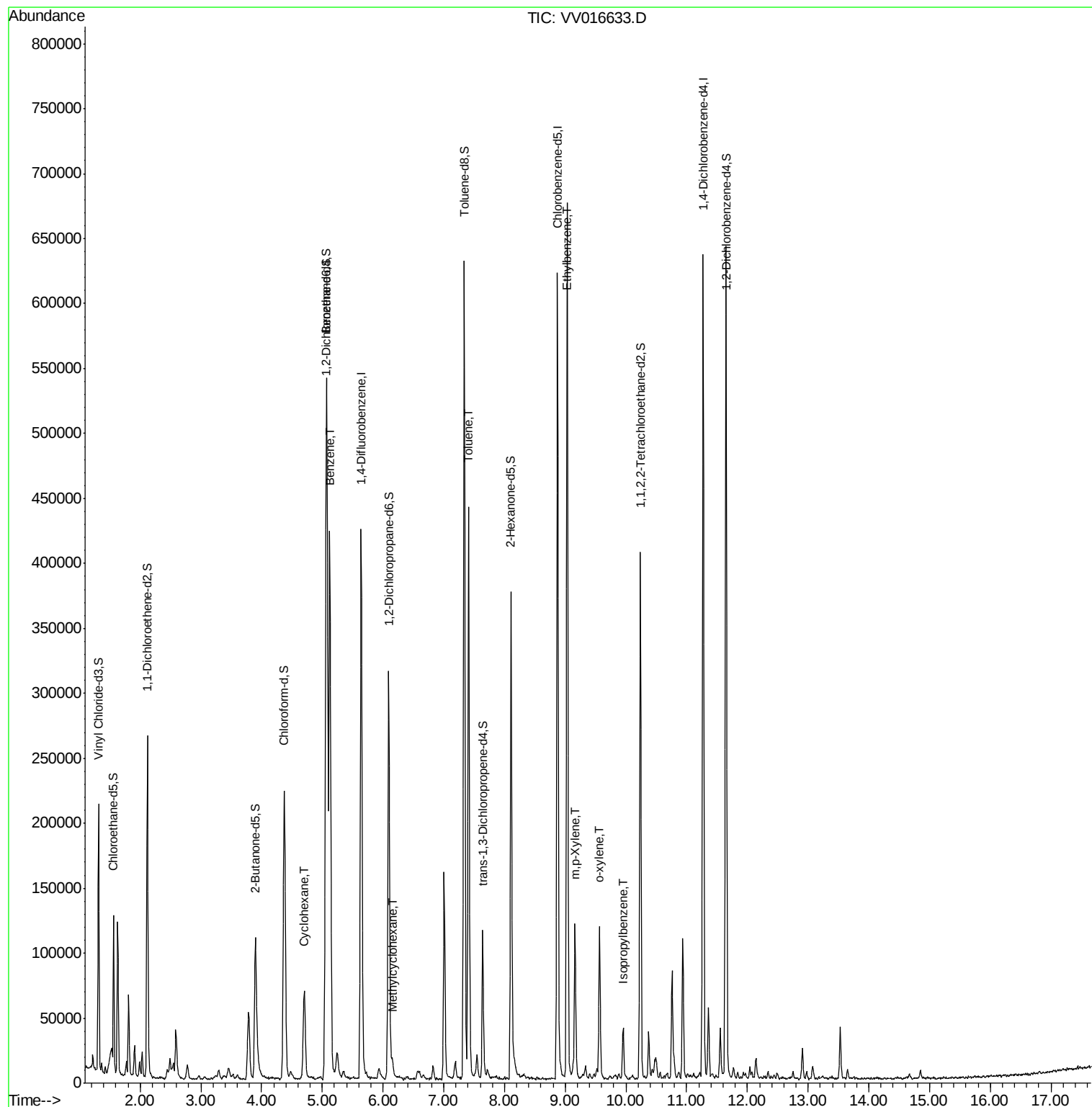
					Ovalue
29) Cyclohexane	4.70	56	35960	9.457 ug/L	99
33) Benzene	5.12	78	410106	43.523 ug/L	100
35) Methylcyclohexane	6.15	83	3614	1.018 ug/L #	81
42) Toluene	7.41	91	304218	30.468 ug/L	99
52) Ethylbenzene	9.03	91	456578	42.014 ug/L	98
53) m,p-Xylene	9.16	106	31592	7.710 ug/L	100
54) o-xylene	9.57	106	30444	7.671 ug/L	93
56) Isopropylbenzene	9.95	105	23916	2.320 ug/L	98

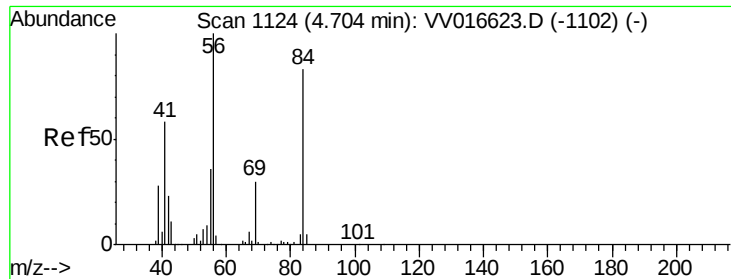
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jun 08 05:42:16 2020
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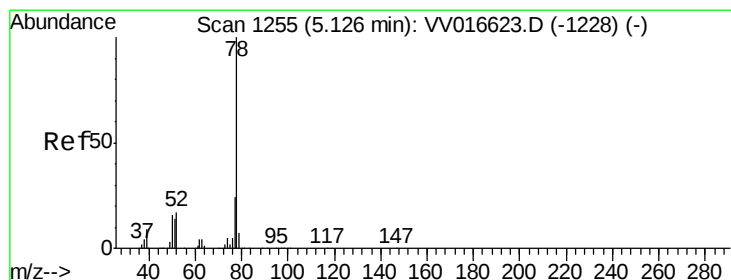
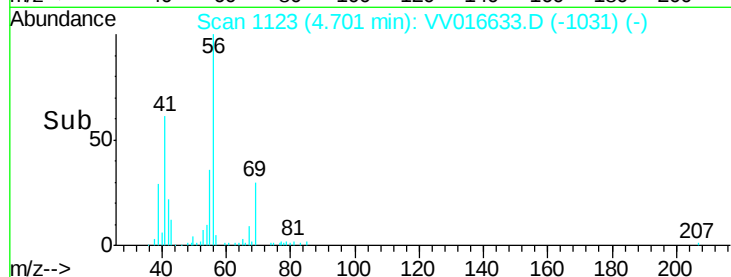
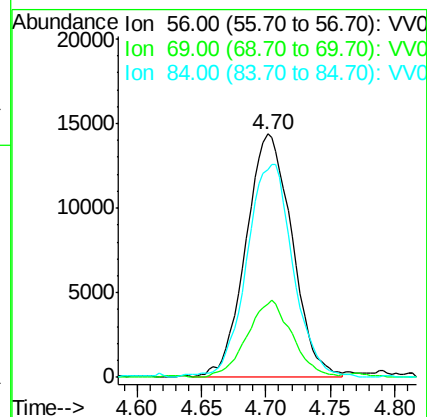
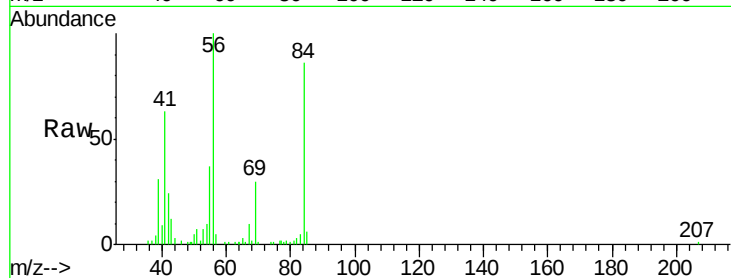




#29
Cyclohexane
Concen: 9.457 ug/L
RT: 4.70 min Scan# 1123
Delta R.T. -0.00 min
Lab File: VV016633.D
Acq: 07 Jun 2020 10:31

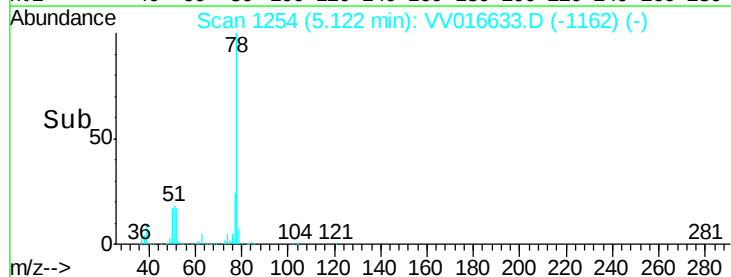
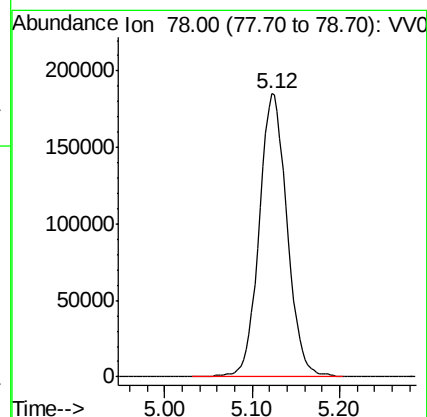
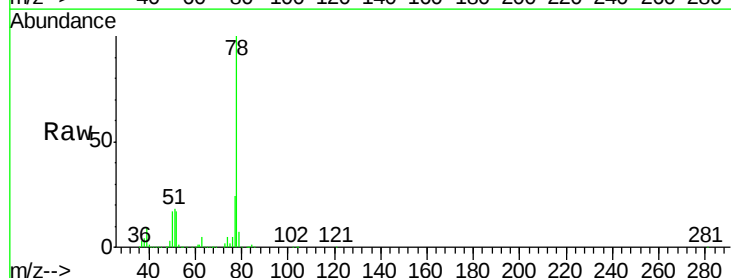
Instrument :
MSVOA_V
ClientSampleId :
F9E44DL

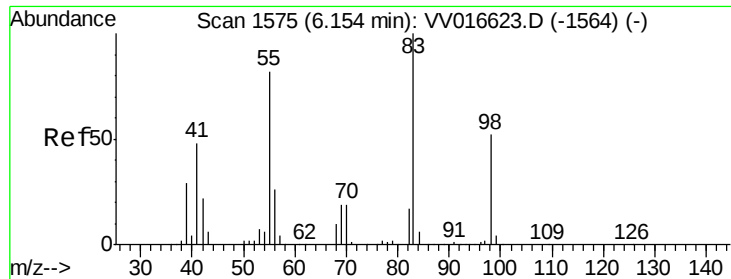
Tot Ion: 56 Resp: 35960
Ion Ratio Lower Upper
56 100
69 30.8 23.9 35.9
84 85.0 68.2 102.2



#33
Benzene
Concen: 43.523 ug/L
RT: 5.12 min Scan# 1254
Delta R.T. -0.00 min
Lab File: VV016633.D
Acq: 07 Jun 2020 10:31

Tgt Ion: 78 Resp: 410106

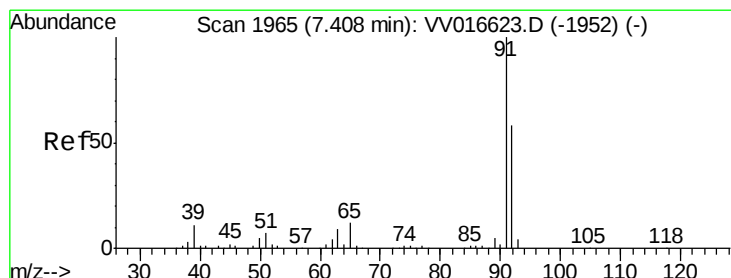
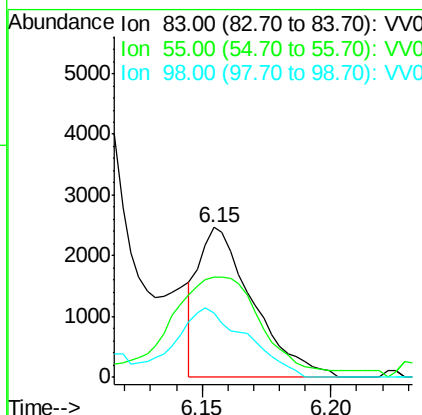
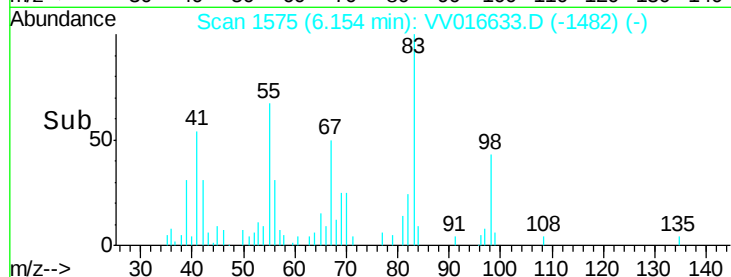
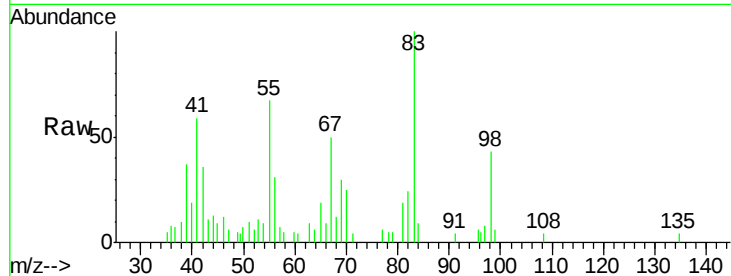




#35
Methvlcvclohexane
Concen: 1.018 ug/L
RT: 6.15 min Scan# 1575
Delta R.T. 0.00 min
Lab File: VV016633.D
Acq: 07 Jun 2020 10:31

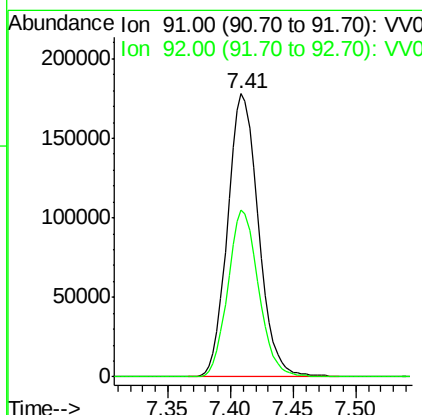
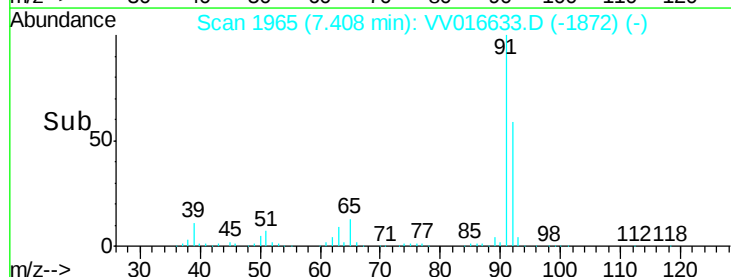
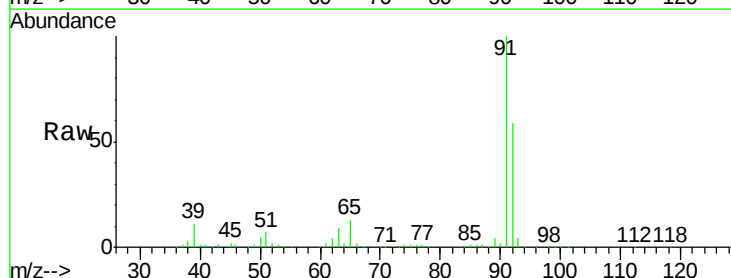
Instrument :
MSVOA_V
ClientSampleId :
F9E44DL

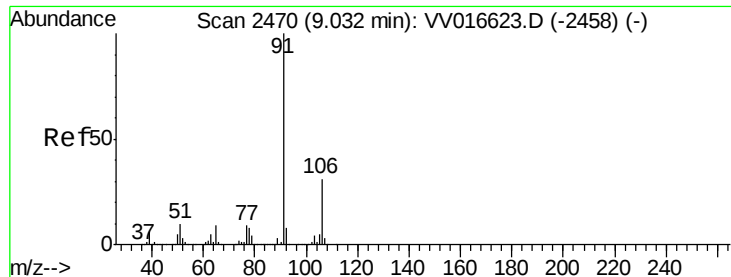
Tot Ion: 83 Resp: 3614
Ion Ratio Lower Upper
83 100
55 96.5 63.4 95.0#
98 62.3 39.4 59.0#



#42
Toluene
Concen: 30.468 ug/L
RT: 7.41 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VV016633.D
Acq: 07 Jun 2020 10:31

Tgt Ion: 91 Resp: 304218
Ion Ratio Lower Upper
91 100
92 58.9 40.9 75.9

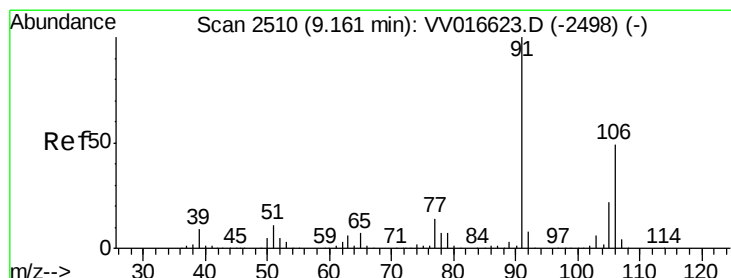
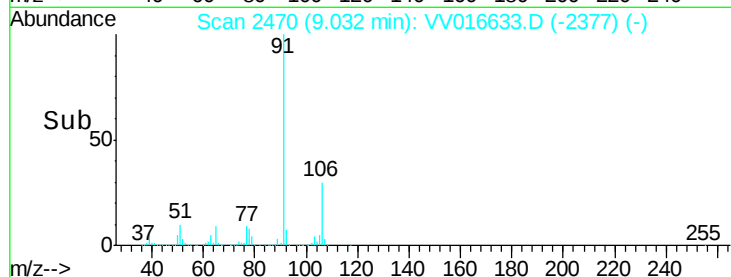
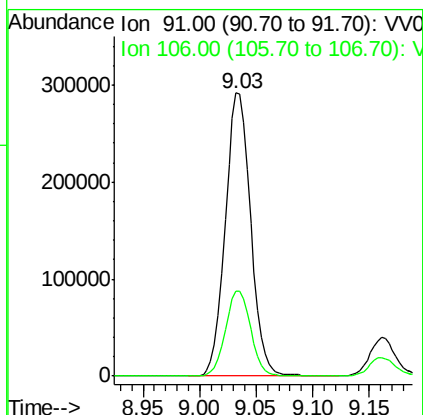
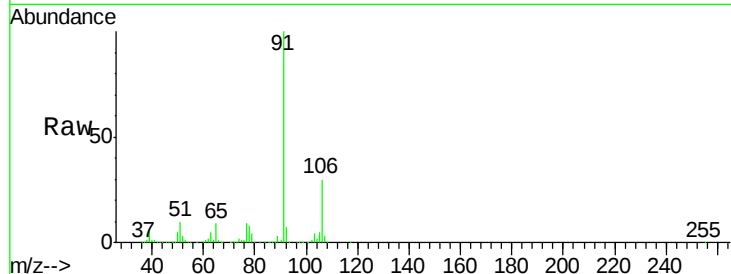




#52
Ethylbenzene
Concen: 42.014 ug/L
RT: 9.03 min Scan# 2470
Delta R.T. 0.00 min
Lab File: VV016633.D
Acq: 07 Jun 2020 10:31

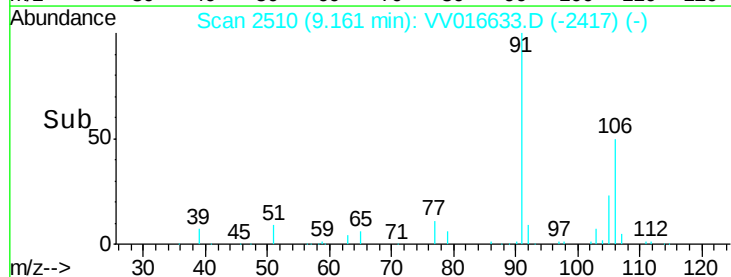
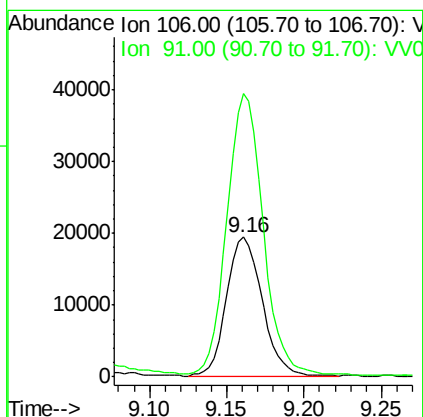
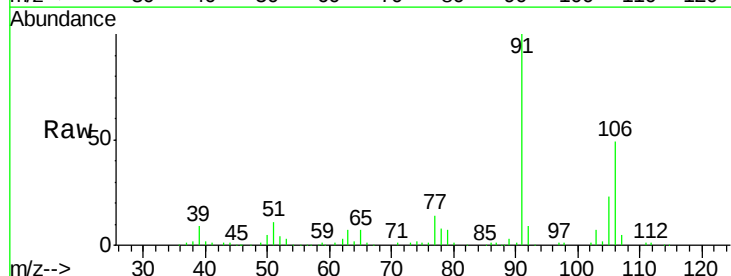
Instrument :
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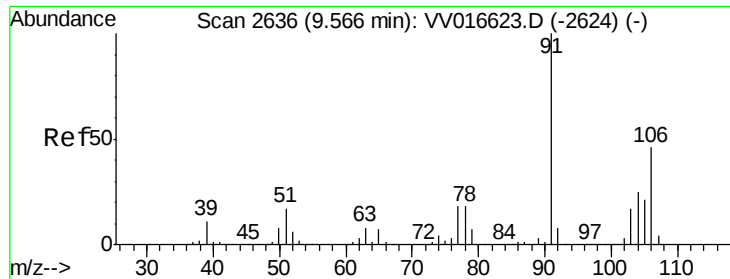
Tot Ion: 91 Resp: 456578
Ion Ratio Lower Upper
91 100
106 30.1 21.8 40.4



#53
m,p-Xylene
Concen: 7.710 ug/L
RT: 9.16 min Scan# 2510
Delta R.T. 0.00 min
Lab File: VV016633.D
Acq: 07 Jun 2020 10:31

Tgt Ion: 106 Resp: 31592
Ion Ratio Lower Upper
106 100
91 202.8 142.5 264.6

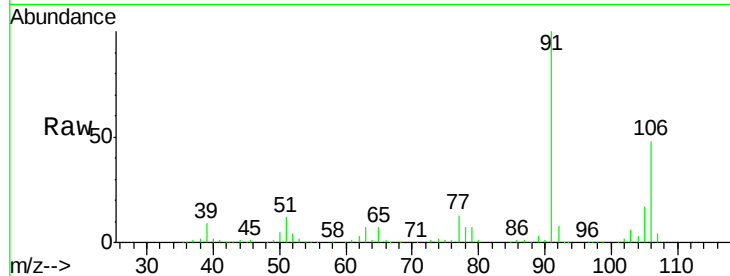




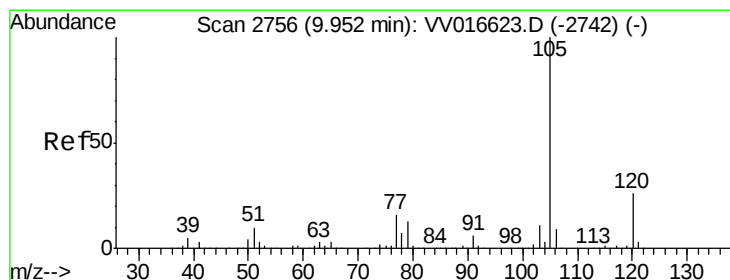
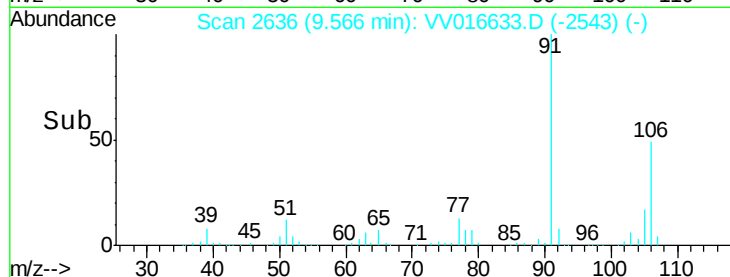
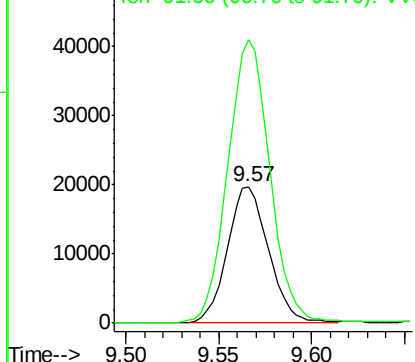
#54
o-xylene
Concen: 7.671 ug/L
RT: 9.57 min Scan# 2636
Delta R.T. 0.00 min
Lab File: VV016633.D
Acq: 07 Jun 2020 10:31

Instrument :
MSVOA_V
ClientSampled :
F9E44DL

Tot Ion:106 Resp: 30444
Ion Ratio Lower Upper
106 100
91 206.9 152.5 283.1

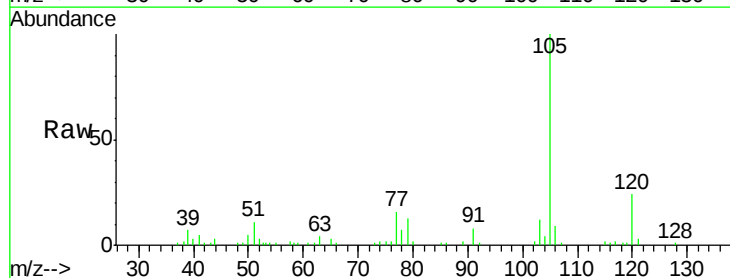


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VV0



#56
Isopropylbenzene
Concen: 2.320 ug/L
RT: 9.95 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VV016633.D
Acq: 07 Jun 2020 10:31

Tgt Ion:105 Resp: 23916
Ion Ratio Lower Upper
105 100
120 26.1 21.0 31.6
77 17.7 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

