

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072420\
 Data File : VV017654.D
 Acq On : 24 Jul 2020 18:36
 Operator : SY/MD
 Sample : L3395-11DL2 1000X
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAY19DL2

Quant Time: Jul 25 02:38:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jul 25 00:05:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	165626	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	157834	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	83022	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	35971	4.55	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.00%
7) Chloroethane-d5	1.58	69	29890	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.80%
11) 1,1-Dichloroethene-d2	2.12	63	60623	3.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.40%
20) 2-Butanone-d5	3.95	46	80286	42.44	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.88%
24) Chloroform-d	4.37	84	91340	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
26) 1,2-Dichloroethane-d4	5.06	65	49041	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.40%
32) Benzene-d6	5.07	84	166472	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
36) 1,2-Dichloropropane-d6	6.10	67	45981	4.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.00%
41) Toluene-d8	7.34	98	157511	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
45) trans-1,3-Dichloropropene-	7.65	79	19960	4.55	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.00%
48) 2-Hexanone-d5	8.12	63	56035	41.25	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.50%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	30076	4.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.40%
65) 1,2-Dichlorobenzene-d4	11.65	152	64618	5.15	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.00%

Target Compounds

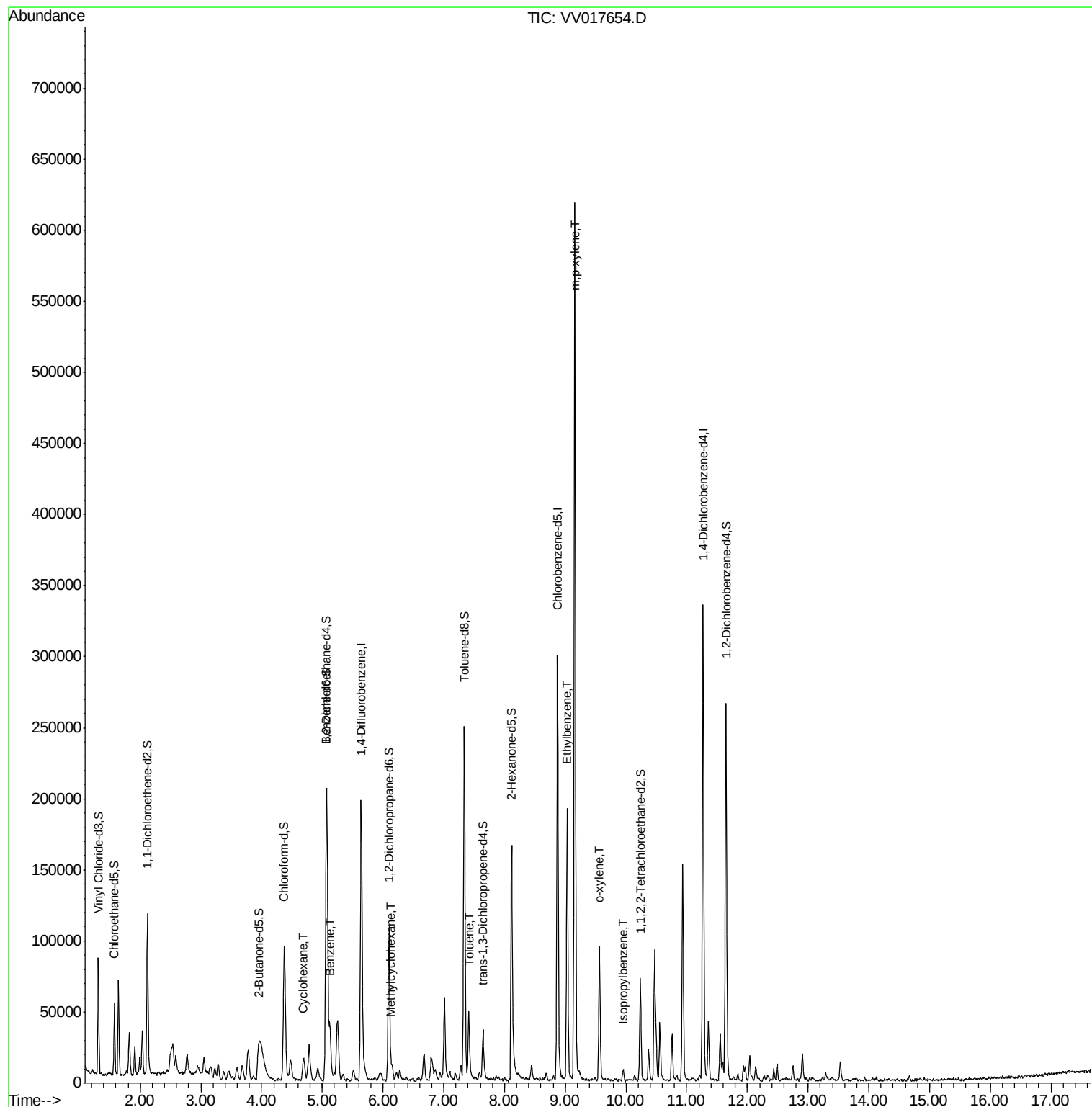
					Ovalue
30) Cyclohexane	4.69	56	6012	0.344 ug/L #	84
33) Benzene	5.12	78	37627	0.842 ug/L	100
35) Methylcyclohexane	6.14	83	3309	0.175 ug/L #	80
42) Toluene	7.41	91	34849	0.715 ug/L	97
54) Ethylbenzene	9.03	91	125884	2.307 ug/L	97
55) m,p-xylene	9.16	106	164920	8.025 ug/L	98
56) o-xylene	9.56	106	23270	1.167 ug/L	94
58) Isopropylbenzene	9.95	105	4944	0.090 ug/L	98

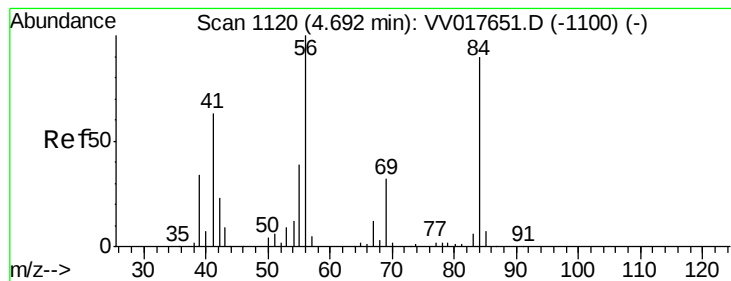
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jul 25 00:05:26 2020
Response via : Initial Calibration





#30

Cyclohexane

Concen: 0.344 ug/L

RT: 4.69 min Scan# 1120

Delta R.T. -0.00 min

Lab File: VV017654.D

Acq: 24 Jul 2020 18:36

Instrument :

MSVOA_V

ClientSampleId :

GAY19DL2

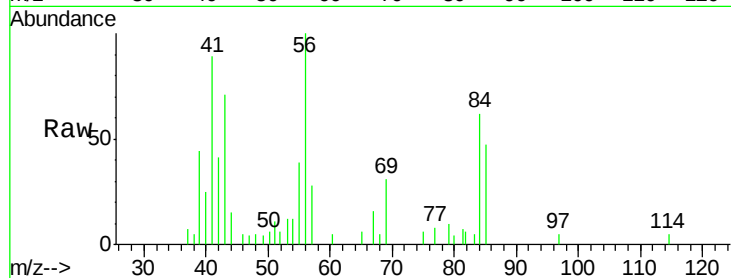
Tot Ion: 56 Resp: 6012

Ion Ratio Lower Upper

56 100

69 35.7 25.4 38.2

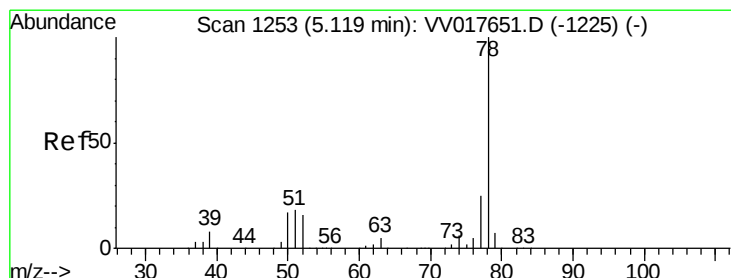
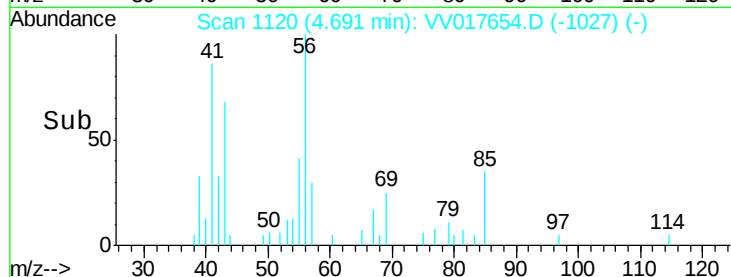
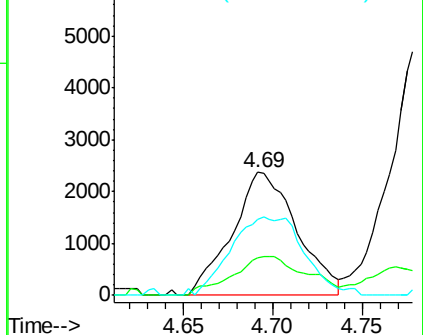
84 72.4 73.0 109.4#



Abundance Ion 56.10 (55.80 to 56.80): VV017654.D (-1100) (-)

Ion 69.15 (68.85 to 69.85): VV017654.D (-1100) (-)

Ion 84.15 (83.85 to 84.85): VV017654.D (-1100) (-)



#33

Benzene

Concen: 0.842 ug/L

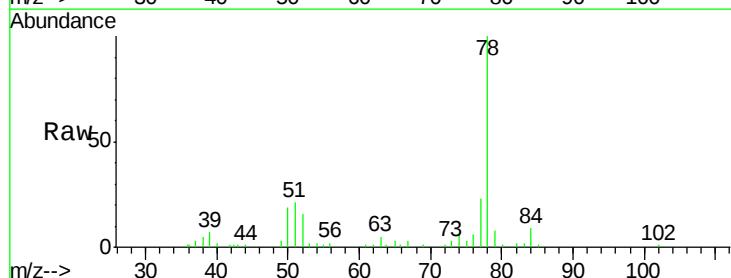
RT: 5.12 min Scan# 1254

Delta R.T. 0.00 min

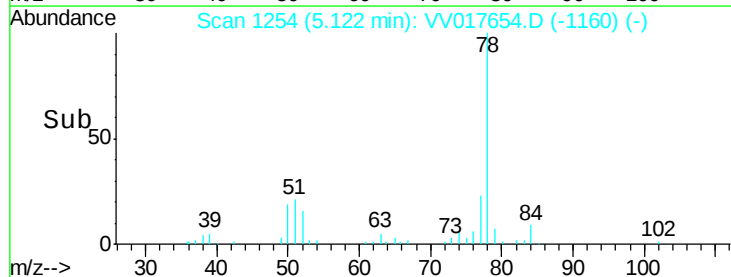
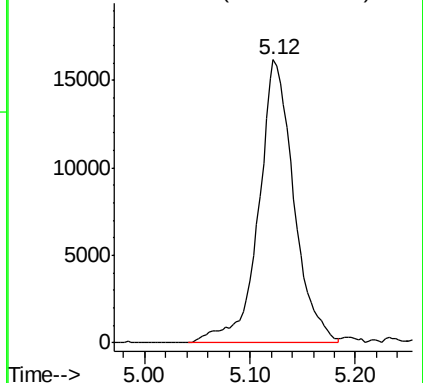
Lab File: VV017654.D

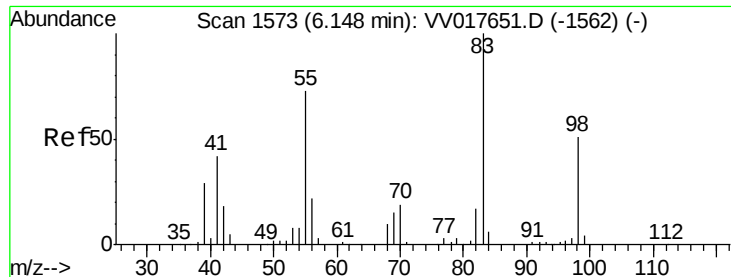
Acq: 24 Jul 2020 18:36

Tgt Ion: 78 Resp: 37627



Abundance Ion 78.10 (77.80 to 78.80): VV017654.D (-1225) (-)

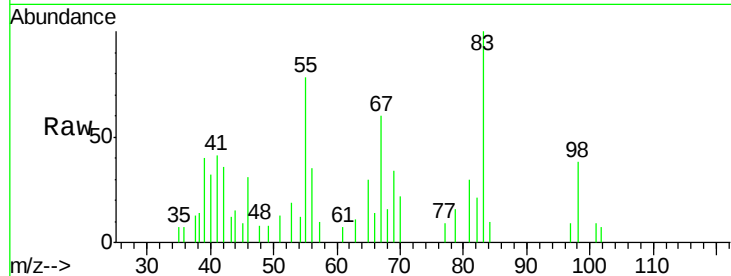




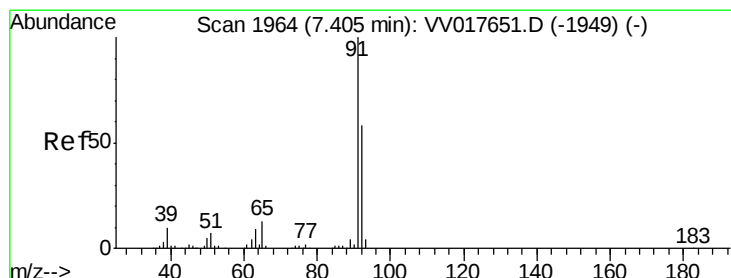
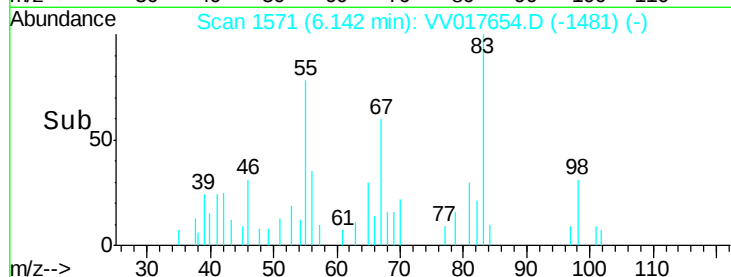
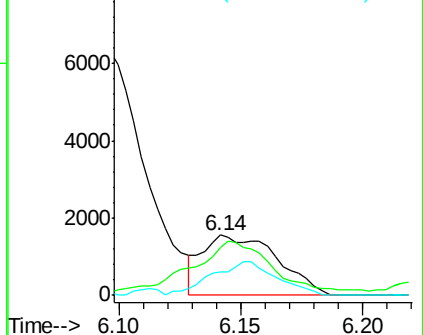
#35
Methvlcvclohexane
Concen: 0.175 ug/L
RT: 6.14 min Scan# 1571
Delta R.T. -0.01 min
Lab File: VV017654.D
Acq: 24 Jul 2020 18:36

Instrument :
MSVOA_V
ClientSampleId :
GAY19DL2

Tot Ion: 83 Resp: 3309
Ion Ratio Lower Upper
83 100
55 105.7 61.8 92.8#
98 49.0 39.0 58.6

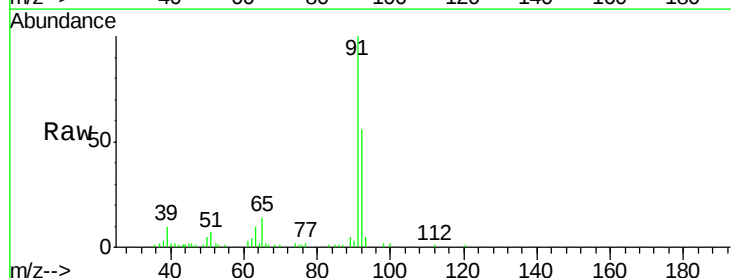


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

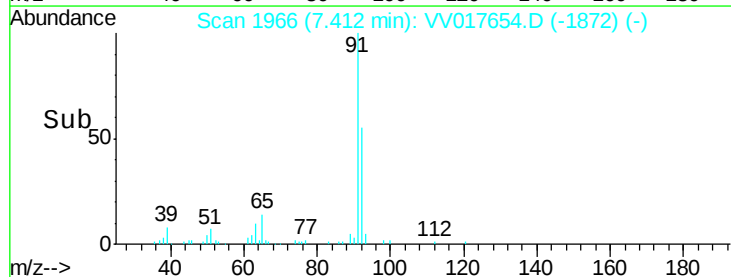
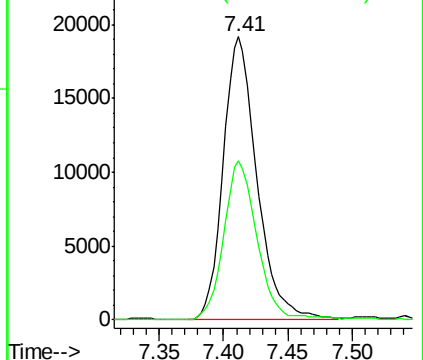


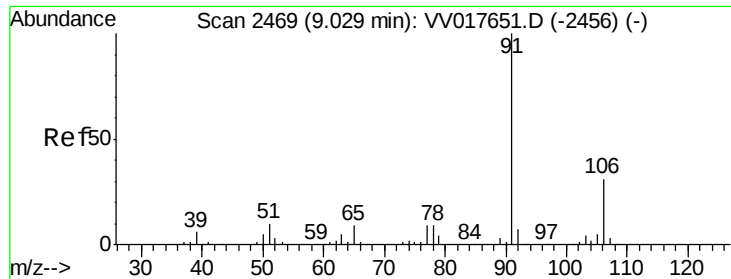
#42
Toluene
Concen: 0.715 ug/L
RT: 7.41 min Scan# 1966
Delta R.T. 0.00 min
Lab File: VV017654.D
Acq: 24 Jul 2020 18:36

Tgt Ion: 91 Resp: 34849
Ion Ratio Lower Upper
91 100
92 56.1 40.8 75.8



Abundance Ion 91.15 (90.85 to 91.85): VV0
Ion 92.15 (91.85 to 92.85): VV0

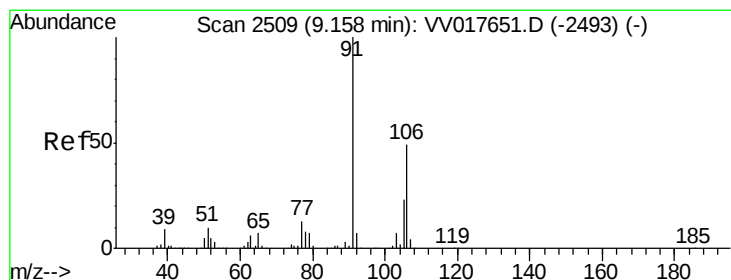
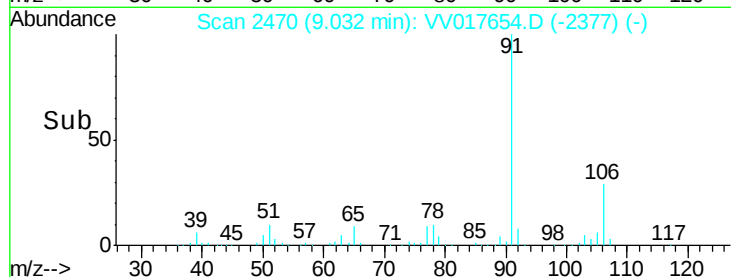
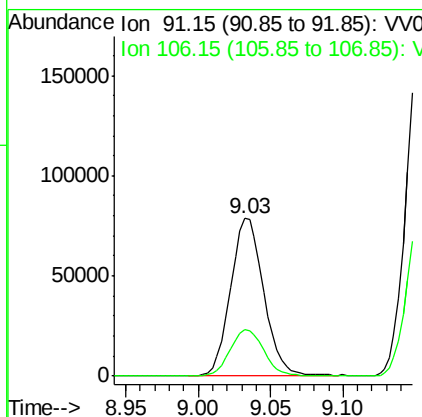
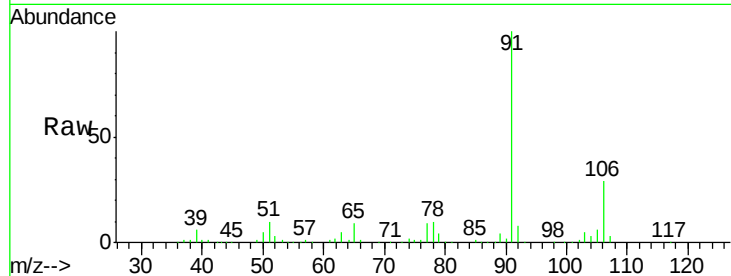




#54
Ethylbenzene
Concen: 2.307 ug/L
RT: 9.03 min Scan# 2470
Delta R.T. -0.00 min
Lab File: VV017654.D
Acq: 24 Jul 2020 18:36

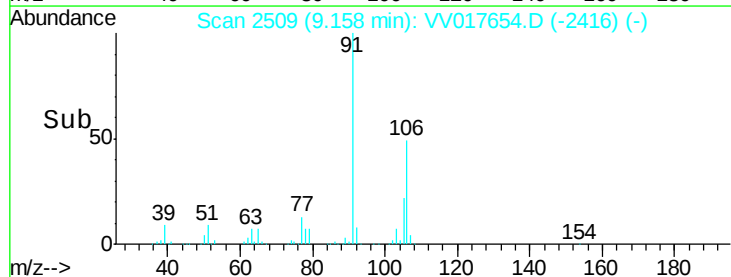
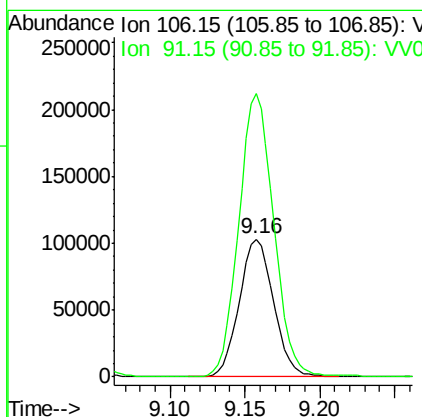
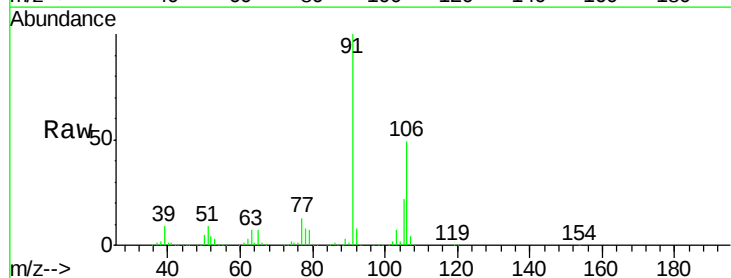
Instrument :
MSVOA_V
ClientSampled :
GAY19DL2

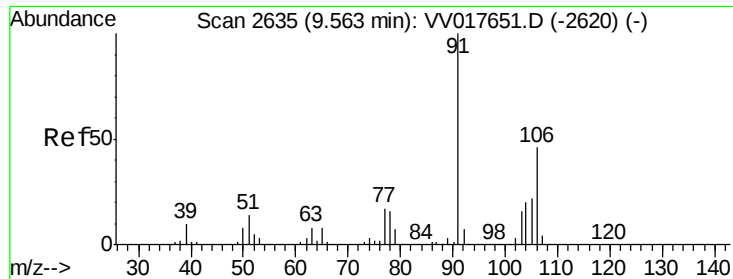
Tot Ion: 91 Resp: 125884
Ion Ratio Lower Upper
91 100
106 29.1 21.6 40.2



#55
m,p-xylene
Concen: 8.025 ug/L
RT: 9.16 min Scan# 2509
Delta R.T. -0.00 min
Lab File: VV017654.D
Acq: 24 Jul 2020 18:36

Tgt Ion: 106 Resp: 164920
Ion Ratio Lower Upper
106 100
91 205.2 141.3 262.3

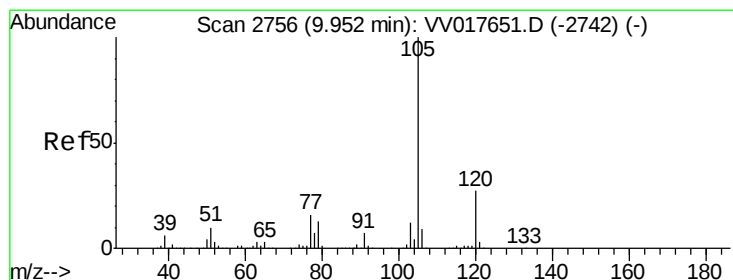
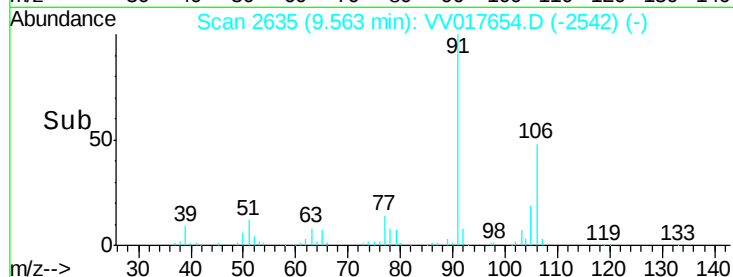
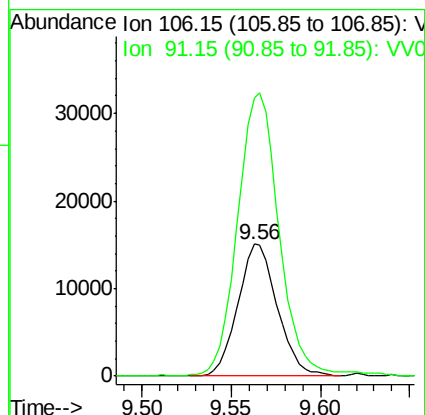
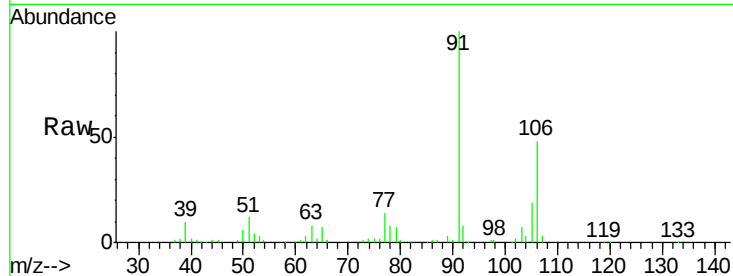




#56
o-xylene
Concen: 1.167 ug/L
RT: 9.56 min Scan# 2635
Delta R.T. -0.00 min
Lab File: VV017654.D
Acq: 24 Jul 2020 18:36

Instrument :
MSVOA_V
ClientSampleId :
GAY19DL2

Tot Ion:106 Resp: 23270
Ion Ratio Lower Upper
106 100
91 210.4 153.9 285.7



#58
Isopropylbenzene
Concen: 0.090 ug/L
RT: 9.95 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VV017654.D
Acq: 24 Jul 2020 18:36

Tgt Ion:105 Resp: 4944
Ion Ratio Lower Upper
105 100
120 27.4 21.1 31.7
77 15.6 13.0 19.6

