

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV073020\
 Data File : VV017749.D
 Acq On : 30 Jul 2020 14:27
 Operator : SY/MD
 Sample : L3395-05ME
 Misc : 5.56g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAY15ME

Quant Time: Jul 31 13:43:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM073020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 31 02:37:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	374489	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	370956	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	190988	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	77727	42.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.12%
7) Chloroethane-d5	1.58	69	63442	40.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.38%
11) 1,1-Dichloroethene-d2	2.10	63	145273	33.10	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.20%
21) 2-Butanone-d5	3.93	46	100534	73.21	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	73.21%
24) Chloroform-d	4.37	84	220035	44.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.18%
26) 1,2-Dichloroethane-d4	5.05	65	171142	46.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.90%
32) Benzene-d6	5.07	84	395952	45.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.24%
36) 1,2-Dichloropropane-d6	6.09	67	124852	51.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.02%
41) Toluene-d8	7.34	98	398285	46.28	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.56%
43) trans-1,3-Dichloropropene-	7.64	79	70042	43.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.44%
47) 2-Hexanone-d5	8.14	63	91821	88.14	ug/L	0.04
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.14%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	150330	41.08	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.16%
64) 1,2-Dichlorobenzene-d4	11.65	152	177862	47.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.88%

Target Compounds

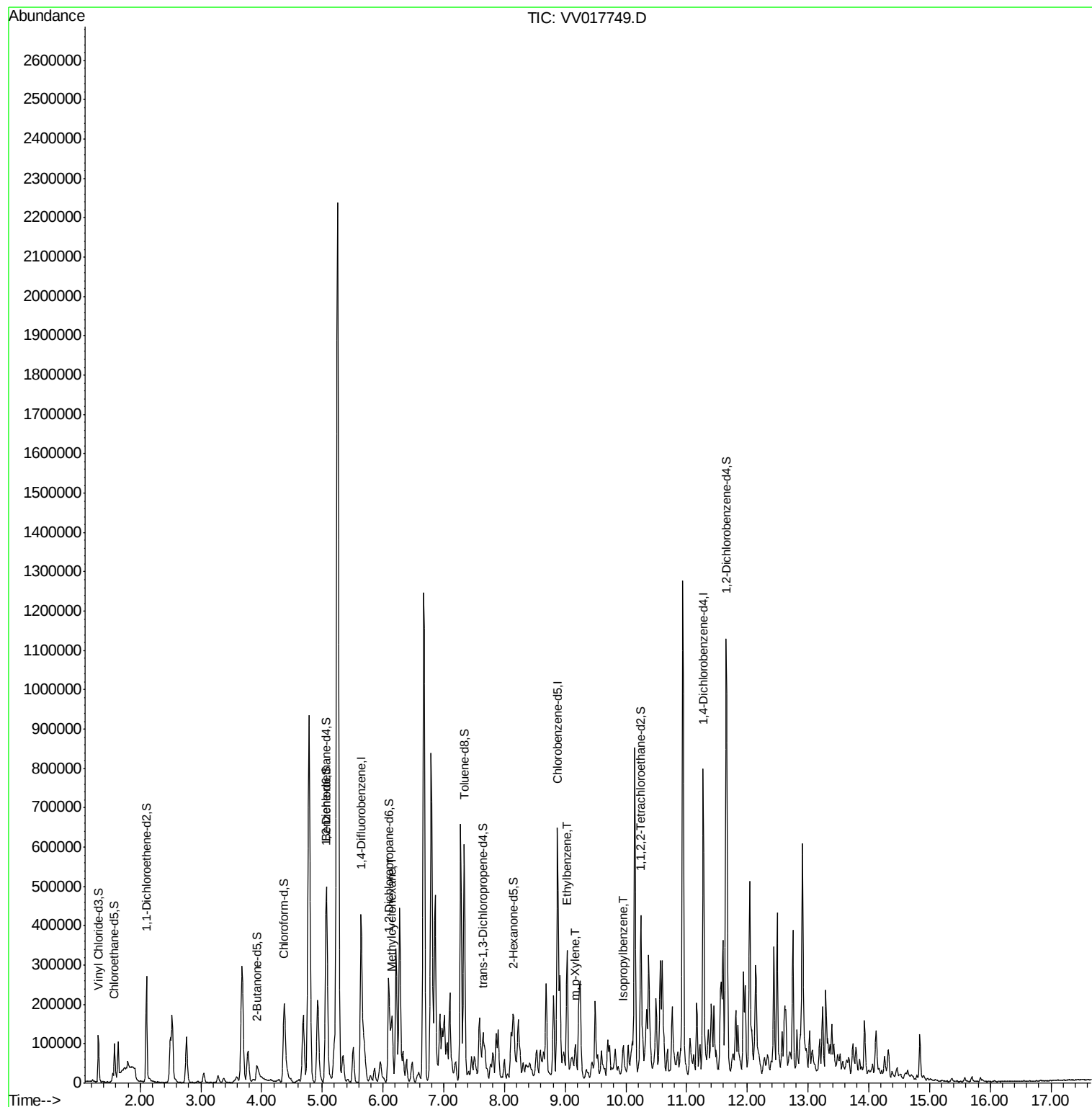
					Ovalue
35) Methylcyclohexane	6.15	83	62631	14.931 ug/L #	79
52) Ethylbenzene	9.04	91	33215	2.594 ug/L	100
53) m,p-Xylene	9.16	106	16615	3.385 ug/L	85
56) Isopropylbenzene	9.95	105	36365	2.797 ug/L #	93

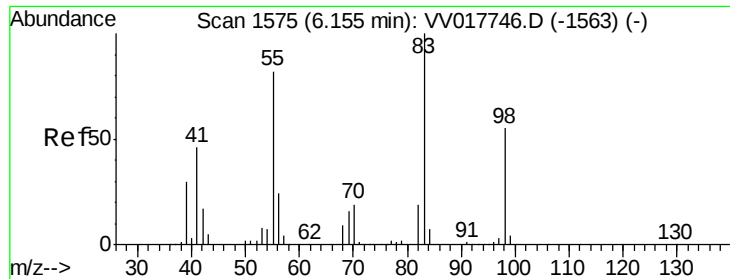
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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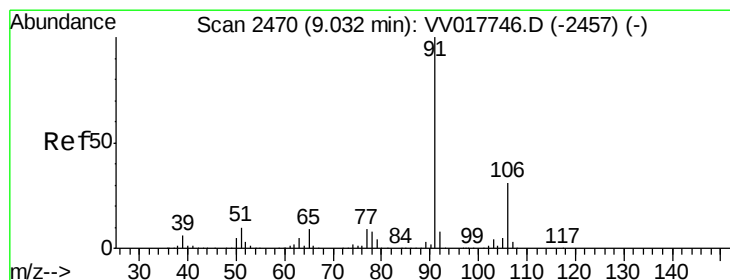
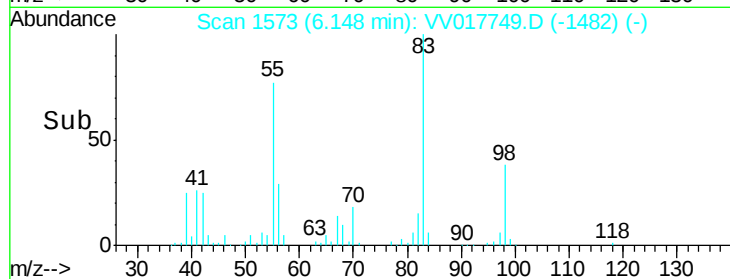
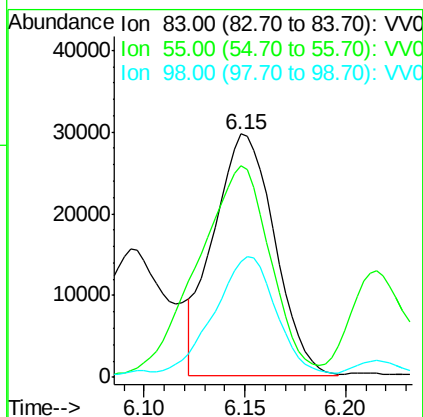
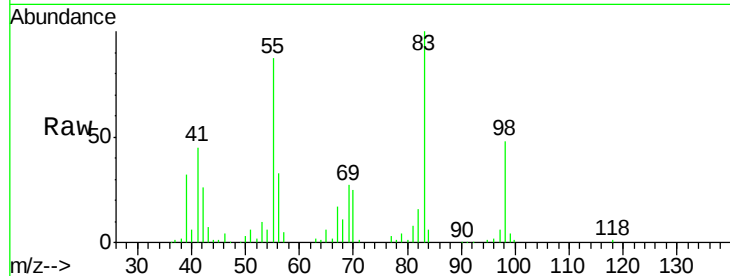




#35
Methvlcvclohexane
Concen: 14.931 ug/L
RT: 6.15 min Scan# 1573
Delta R.T. -0.01 min
Lab File: VV017749.D
Acq: 30 Jul 2020 14:27

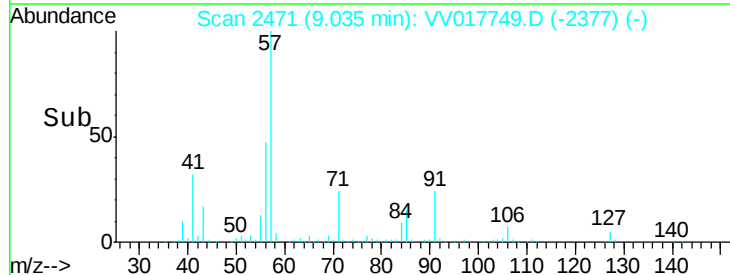
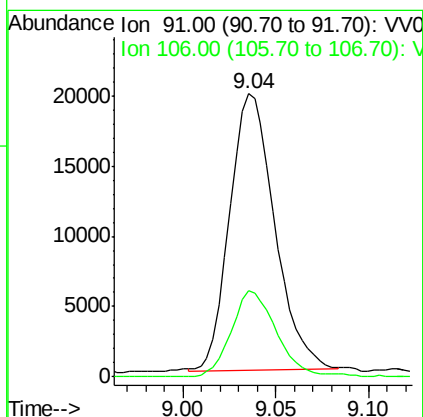
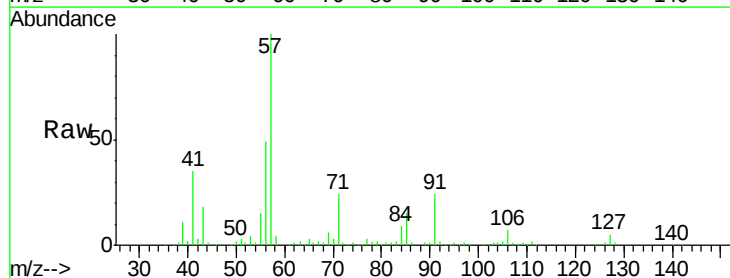
Instrument :
MSVOA_V
ClientSampleId :
GAY15ME

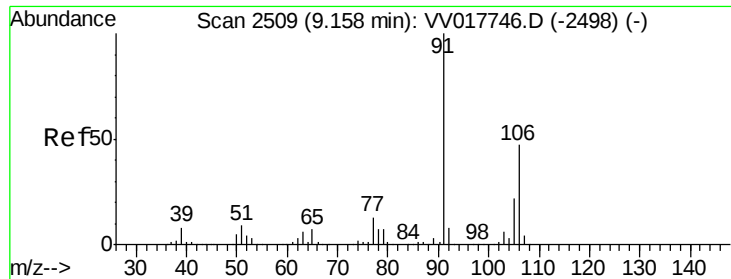
Tot Ion: 83 Resp: 62631
Ion Ratio Lower Upper
83 100
55 103.7 59.4 89.2#
98 51.7 41.2 61.8



#52
Ethylbenzene
Concen: 2.594 ug/L
RT: 9.04 min Scan# 2471
Delta R.T. 0.00 min
Lab File: VV017749.D
Acq: 30 Jul 2020 14:27

Tgt Ion: 91 Resp: 33215
Ion Ratio Lower Upper
91 100
106 30.6 21.5 39.9





#53

m,p-Xylene

Concen: 3.385 ug/L

RT: 9.16 min Scan# 2511

Delta R.T. 0.01 min

Lab File: VV017749.D

Acq: 30 Jul 2020 14:27

Instrument :

MSVOA_V

ClientSampleId :

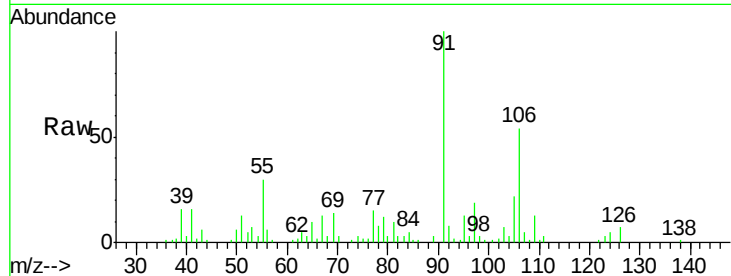
GAY15ME

Tot Ion:106 Resp: 16615

Ion Ratio Lower Upper

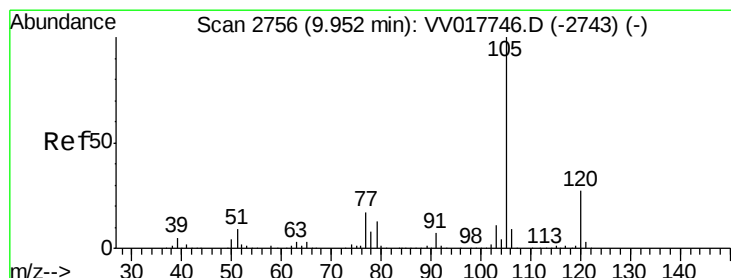
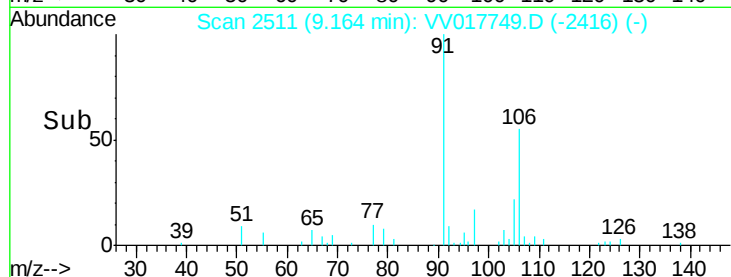
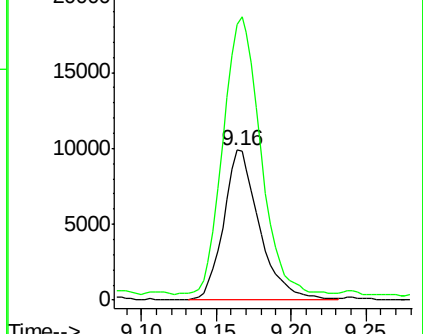
106 100

91 184.4 145.8 270.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0



#56

Isopropylbenzene

Concen: 2.797 ug/L

RT: 9.95 min Scan# 2757

Delta R.T. 0.00 min

Lab File: VV017749.D

Acq: 30 Jul 2020 14:27

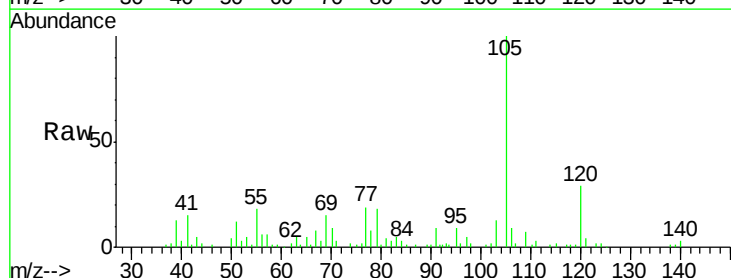
Tgt Ion:105 Resp: 36365

Ion Ratio Lower Upper

105 100

120 28.9 21.0 31.6

77 21.1 13.2 19.8#



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

