

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060620\
 Data File : VV016636.D
 Acq On : 07 Jun 2020 11:42
 Operator : SY/MD
 Sample : L2862-10DL 50X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9D94DL

Manual Integrations
 APPROVED

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 6/8/2020 3:06:03 PM

Quant Time: Jun 08 07:16:19 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	358279	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	327697	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	149224	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	104463	41.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.32%
7) Chloroethane-d5	1.56	69	56323	30.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	61.48%#
11) 1,1-Dichloroethene-d2	2.12	63	142333	31.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.28%
21) 2-Butanone-d5	3.90	46	172481	106.30	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.30%
24) Chloroform-d	4.37	84	228156	47.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.82%
26) 1,2-Dichloroethane-d4	5.05	65	163794	51.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.72%
32) Benzene-d6	5.07	84	455364	51.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.74%
36) 1,2-Dichloropropane-d6	6.09	67	142755	52.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.38%
41) Toluene-d8	7.34	98	403832	50.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.32%
43) trans-1,3-Dichloropropene-	7.64	79	61861	46.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.82%
47) 2-Hexanone-d5	8.11	63	122512	104.59	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.59%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	183486	49.46	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.92%
64) 1,2-Dichlorobenzene-d4	11.65	152	156553	55.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.66%

Target Compounds					Ovalue
29) Cyclohexane	4.71	56	3349m	0.861	ug/L
33) Benzene	5.12	78	951078	98.685	ug/L
42) Toluene	7.41	91	9637	0.944	ug/L
52) Ethylbenzene	9.04	91	39294	3.535	ug/L

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

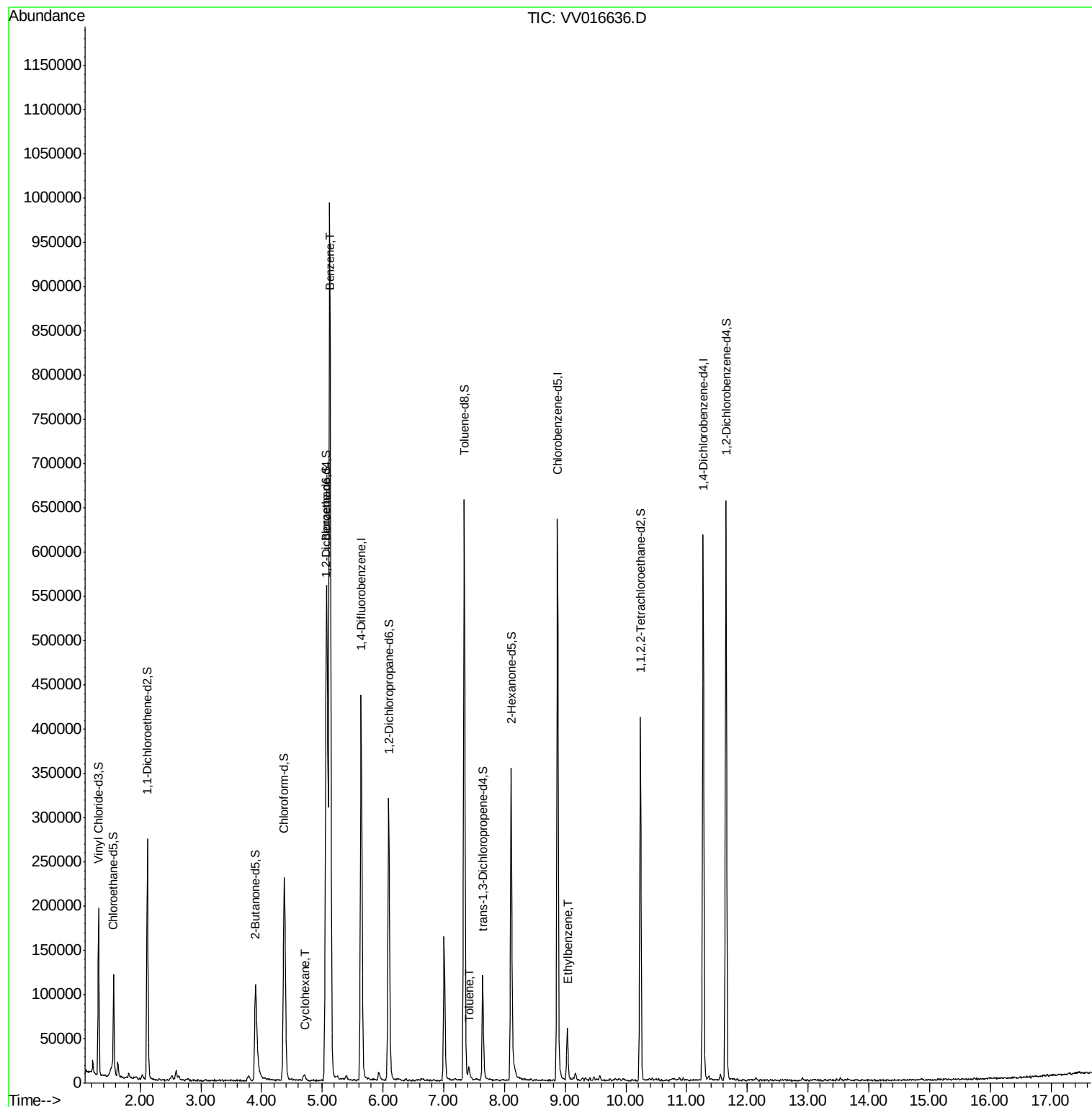
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV060620\
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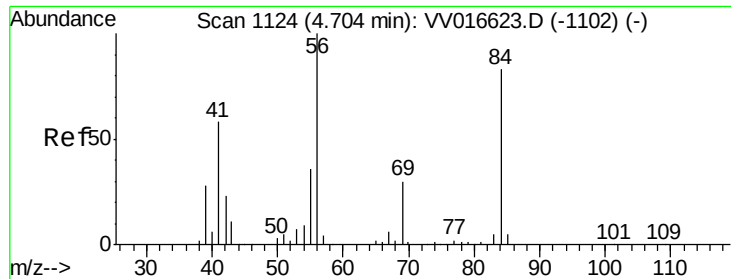
Instrument :
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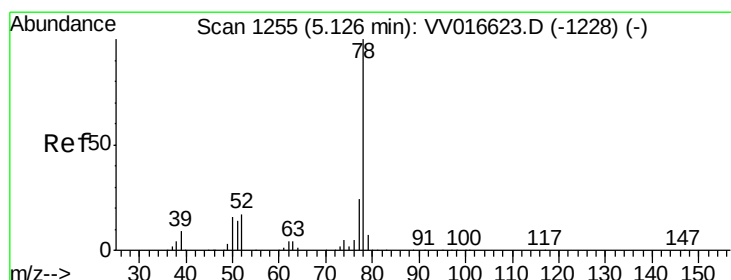
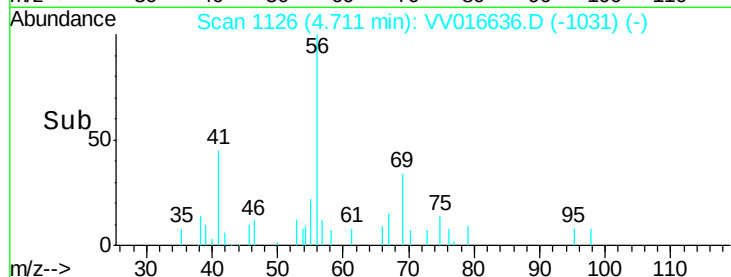
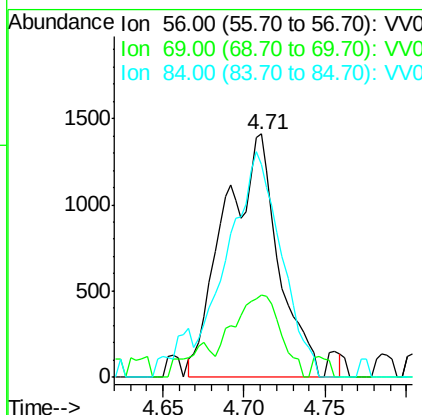
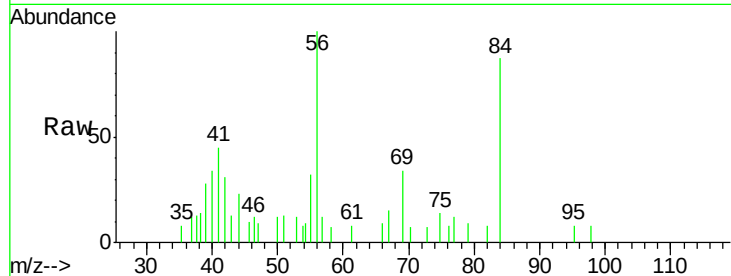
#29
Cyclohexane
Concen: 0.861 ug/L m
RT: 4.71 min Scan# 1126
Delta R.T. 0.01 min
Lab File: VV016636.D
Acq: 07 Jun 2020 11:42

Instrument :
MSVOA_V
ClientSampleId :
F9D94DL

Tot Ion: 56 Resp: 3349
Ion Ratio Lower Upper
56 100
69 23.0 23.9 35.9#
84 89.2 68.2 102.2

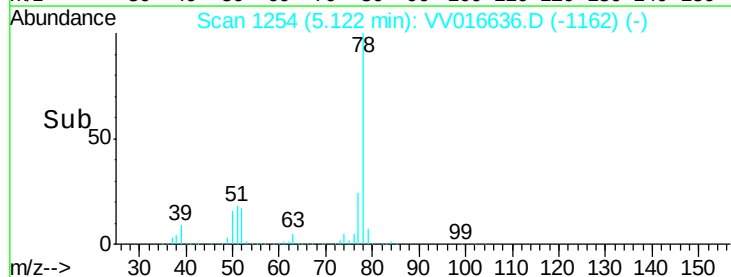
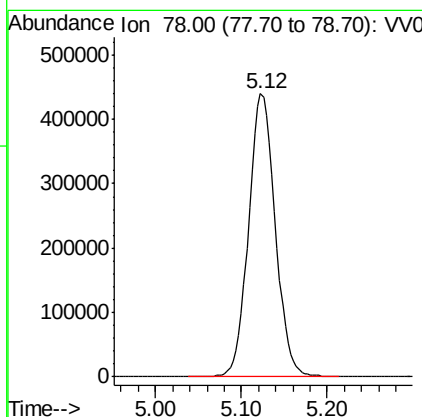
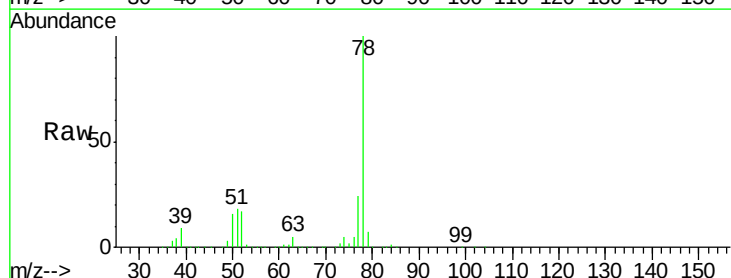
Manual Integrations
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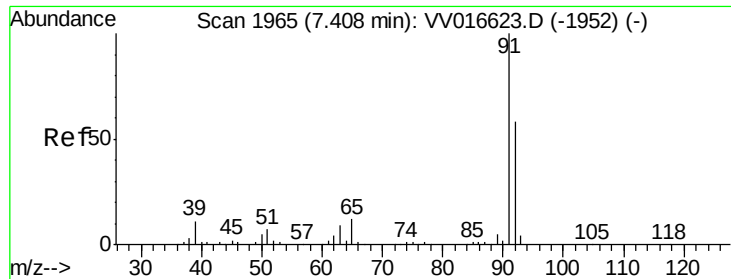
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#33
Benzene
Concen: 98.685 ug/L
RT: 5.12 min Scan# 1254
Delta R.T. -0.00 min
Lab File: VV016636.D
Acq: 07 Jun 2020 11:42

Tgt Ion: 78 Resp: 951078





#42

Toluene

Concen: 0.944 ug/L

RT: 7.41 min Scan# 1967

Delta R.T. 0.01 min

Lab File: VV016636.D

Acq: 07 Jun 2020 11:42

Instrument :

MSVOA_V

ClientSampleId :

F9D94DL

Tot Ion: 91 Resp: 9637

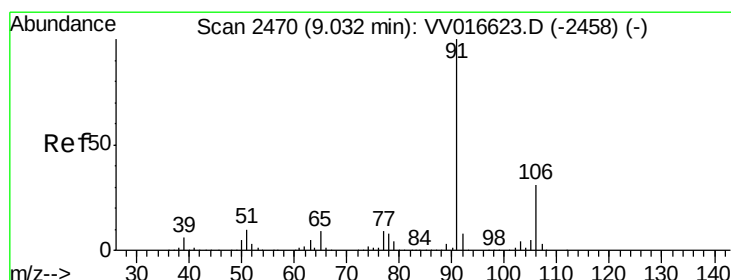
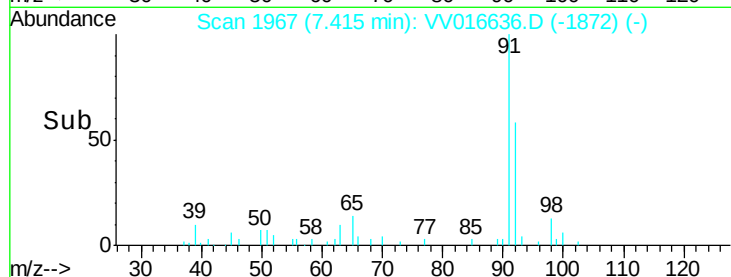
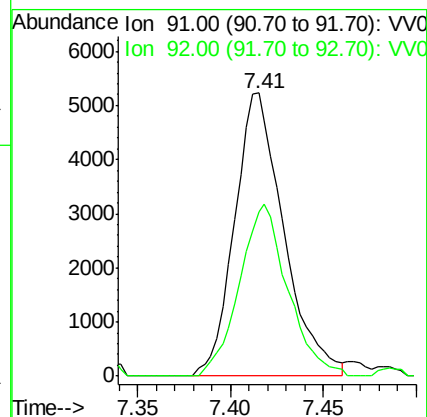
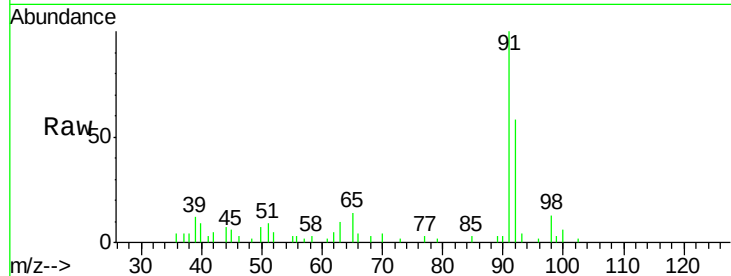
Ion Ratio Lower Upper

91 100

92 57.9 40.9 75.9

Manual Integrations
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#52

Ethylbenzene

Concen: 3.535 ug/L

RT: 9.04 min Scan# 2471

Delta R.T. 0.00 min

Lab File: VV016636.D

Acq: 07 Jun 2020 11:42

Tgt Ion: 91 Resp: 39294

Ion Ratio Lower Upper

91 100

106 32.2 21.8 40.4

