

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012221\
 Data File : VV020147.D
 Acq On : 22 Jan 2021 19:47
 Operator : SY/MD
 Sample : M1201-06
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG501

Quant Time: Jan 23 00:18:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM012121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jan 23 00:14:09 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

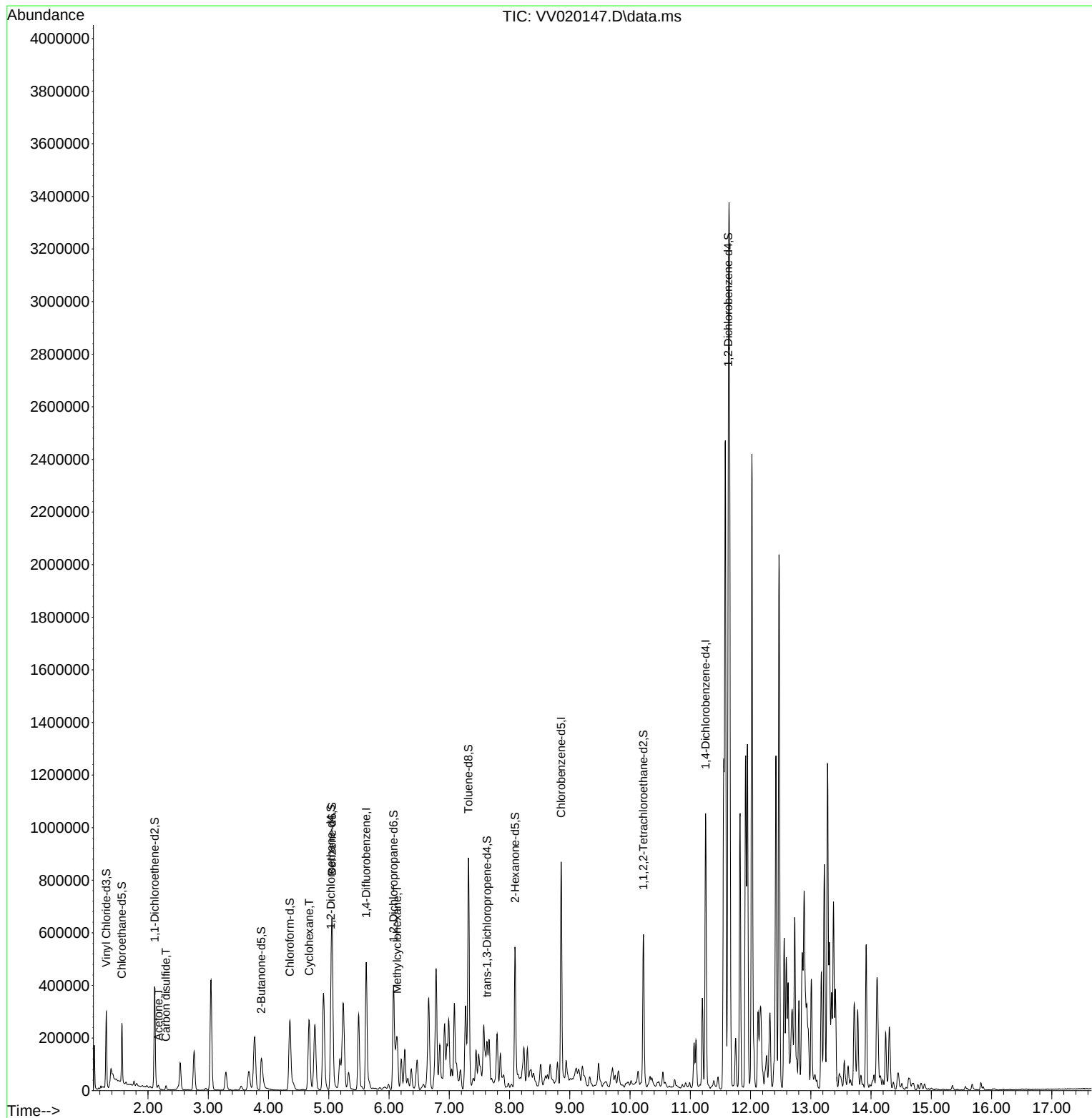
Internal Standards						
1) 1,4-Difluorobenzene	5.621	114	391767	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.858	117	435343	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.254	152	234463	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.309	65	152181	52.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	104.74%
7) Chloroethane-d5	1.566	69	133427	54.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	109.72%
11) 1,1-Dichloroethene-d2	2.110	63	201263	34.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.36%
21) 2-Butanone-d5	3.881	46	199806	100.27	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.27%
24) Chloroform-d	4.354	84	263438	48.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.80%
26) 1,2-Dichloroethane-d4	5.035	65	195283	51.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.52%
32) Benzene-d6	5.055	84	539692	45.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.04%
36) 1,2-Dichloropropane-d6	6.074	67	191596	50.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.24%
41) Toluene-d8	7.318	98	539169	48.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.68%
43) trans-1,3-Dichloroprop...	7.627	79	83711	45.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.40%
47) 2-Hexanone-d5	8.090	63	152201	96.74	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.74%
57) 1,1,2,2-Tetrachloroeth...	10.222	84	249789	48.21	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.42%
64) 1,2-Dichlorobenzene-d4	11.630	152	223378	50.70	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.40%
Target Compounds						
					Qvalue	
13) Acetone	2.174	43	17356	10.12	ug/L	97
14) Carbon disulfide	2.296	76	18759	2.42	ug/L	99
29) Cyclohexane	4.672	56	50192	9.91	ug/L #	47
35) Methylcyclohexane	6.135	83	76530	14.49	ug/L #	79

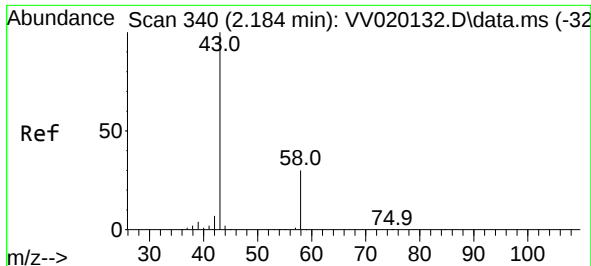
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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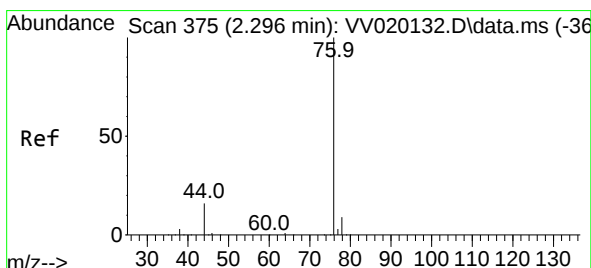
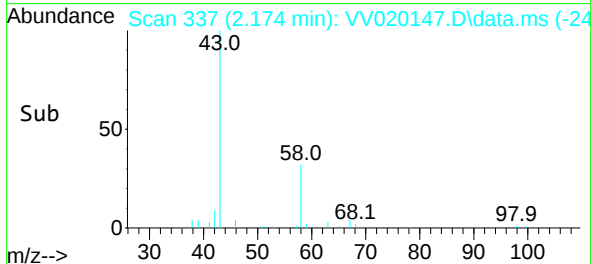
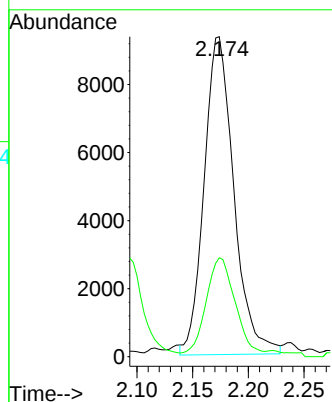
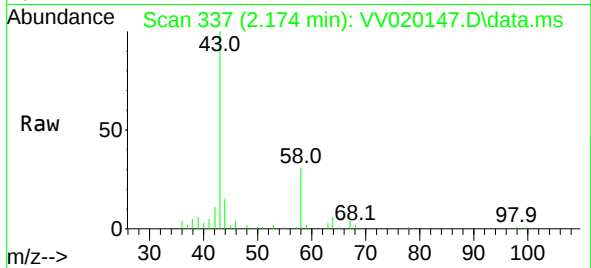




#13
Acetone
Concen: 10.12 ug/L
RT: 2.174 min Scan# 337
Delta R.T. -0.010 min
Lab File: VV020147.D
Acq: 22 Jan 2021 19:47

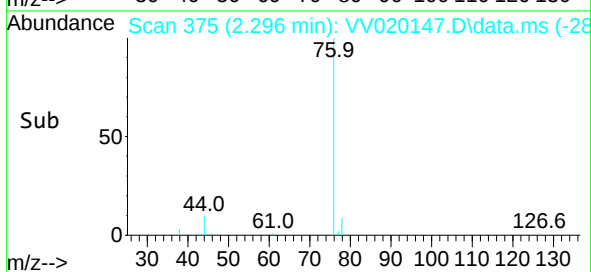
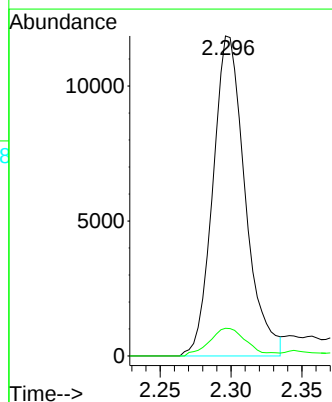
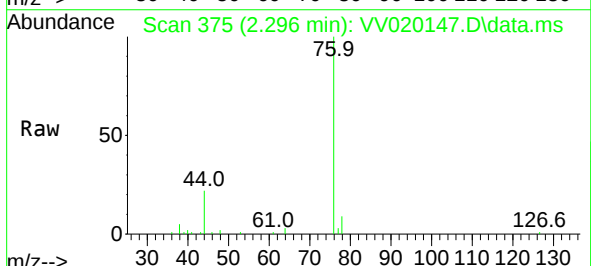
Instrument :
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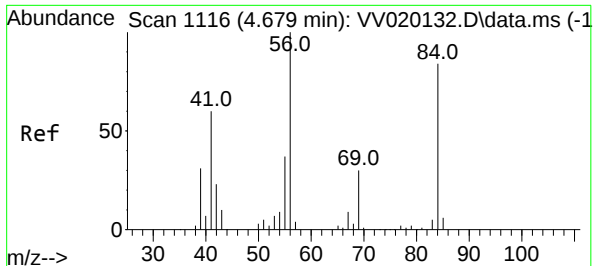
Tgt Ion: 43 Resp: 17356
Ion Ratio Lower Upper
43 100
58 28.4 0.0 60.2



#14
Carbon disulfide
Concen: 2.42 ug/L
RT: 2.296 min Scan# 375
Delta R.T. -0.000 min
Lab File: VV020147.D
Acq: 22 Jan 2021 19:47

Tgt Ion: 76 Resp: 18759
Ion Ratio Lower Upper
76 100
78 8.6 7.2 10.8





#29

Cyclohexane

Concen: 9.91 ug/L

RT: 4.672 min Scan# 1114

Delta R.T. -0.006 min

Lab File: VV020147.D

Acq: 22 Jan 2021 19:47

Tgt Ion: 56 Resp: 50192

Ion Ratio Lower Upper

56 100

69 11.7 24.2 36.2#

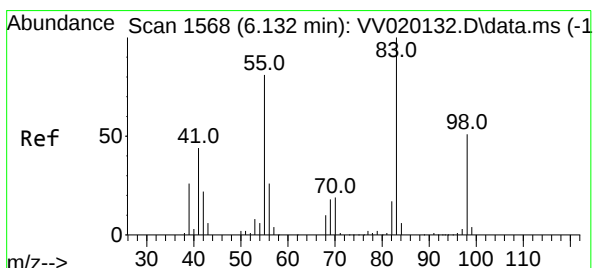
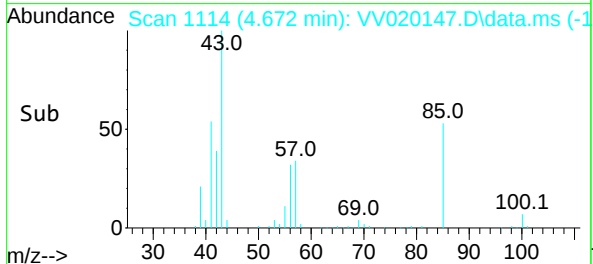
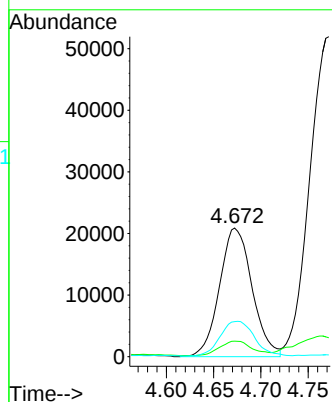
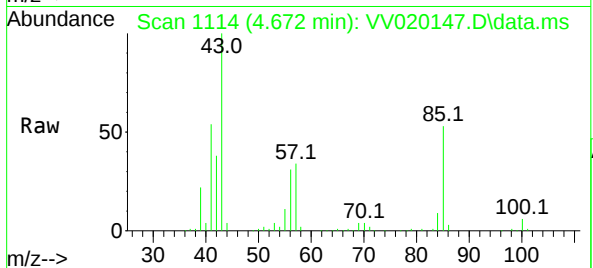
84 28.9 66.3 99.5#

Instrument :

MSVOA_V

ClientSampleId :

BG501



#35

Methylcyclohexane

Concen: 14.49 ug/L

RT: 6.135 min Scan# 1569

Delta R.T. 0.003 min

Lab File: VV020147.D

Acq: 22 Jan 2021 19:47

Tgt Ion: 83 Resp: 76530

Ion Ratio Lower Upper

83 100

55 109.5 65.1 97.7#

98 45.6 38.2 57.2

