

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121220\
 Data File : VV019553.D
 Acq On : 12 Dec 2020 14:04
 Operator : SY/MD
 Sample : L4955-19
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4J2

Quant Time: Dec 13 05:41:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sun Dec 13 04:37:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	711397	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	656285	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	312652	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	172623	33.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	67.68%
7) Chloroethane-d5	1.57	69	164628	40.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.84%
11) 1,1-Dichloroethene-d2	2.11	63	285920	30.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.40%
21) 2-Butanone-d5	3.88	46	316858	114.28	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.28%
24) Chloroform-d	4.35	84	390317	42.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.90%
26) 1,2-Dichloroethane-d4	5.04	65	273554	45.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.06%
32) Benzene-d6	5.05	84	763564	43.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.24%
36) 1,2-Dichloropropane-d6	6.07	67	248367	45.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.60%
41) Toluene-d8	7.32	98	681977	43.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.54%
43) trans-1,3-Dichloropropene-	7.62	79	124870	40.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.08%
47) 2-Hexanone-d5	8.09	63	228282	106.08	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.08%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	330903	44.62	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.24%
64) 1,2-Dichlorobenzene-d4	11.63	152	261460	44.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.48%

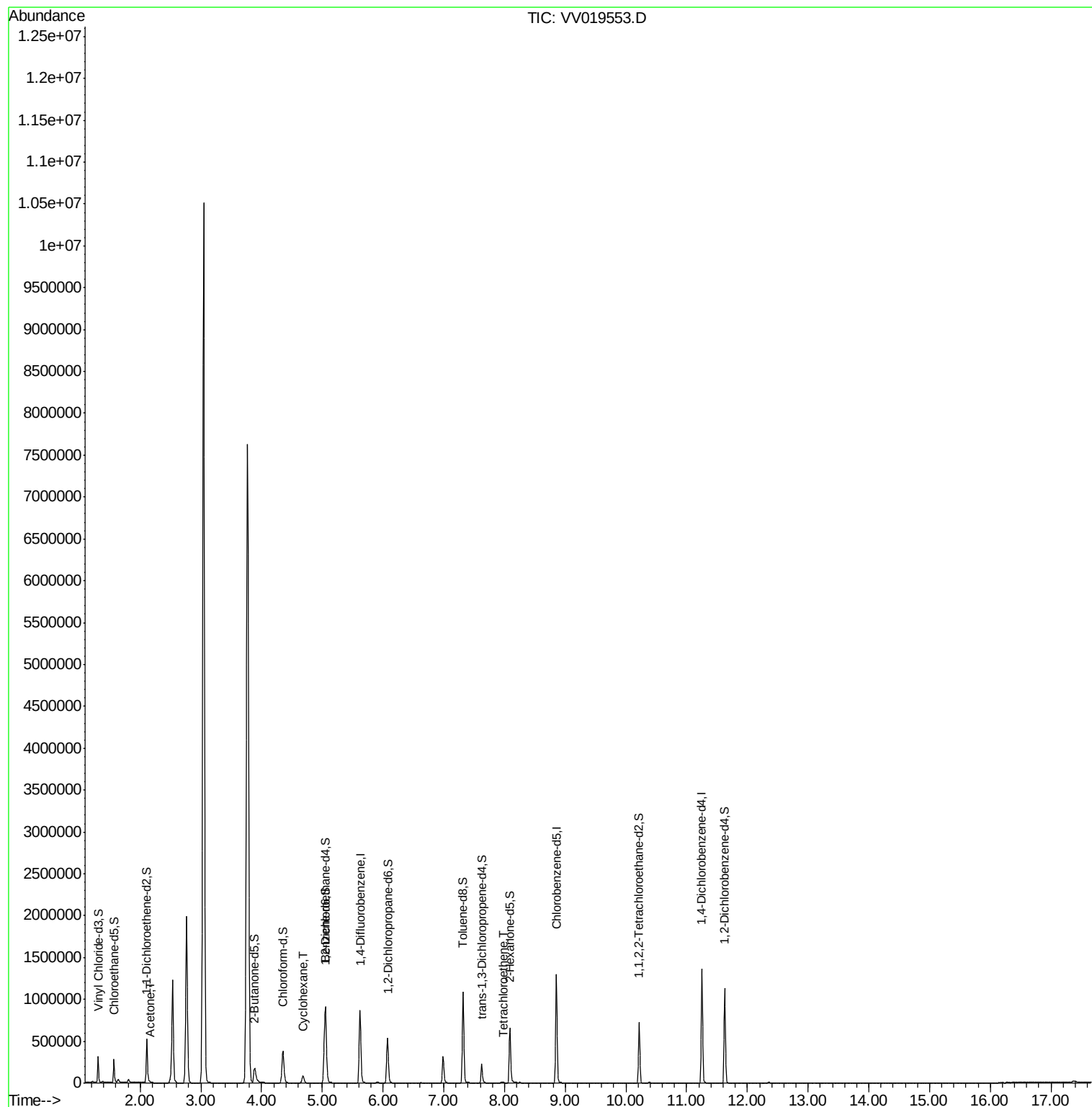
Target Compounds					Ovalue
13) Acetone	2.18	43	9574	4.053 ug/L	97
29) Cyclohexane	4.69	56	45832	5.698 ug/L	99
46) Tetrachloroethene	7.98	164	3002	0.856 ug/L	93

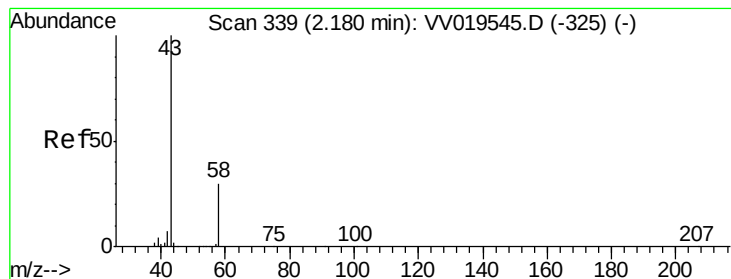
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.053 ug/L

RT: 2.18 min Scan# 338

Delta R.T. -0.00 min

Lab File: VV019553.D

Acq: 12 Dec 2020 14:04

Instrument :

MSVOA_V

ClientSampled :

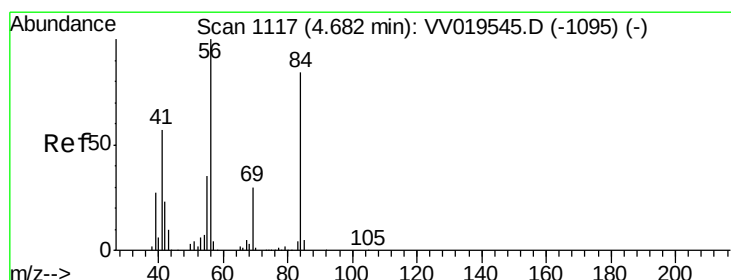
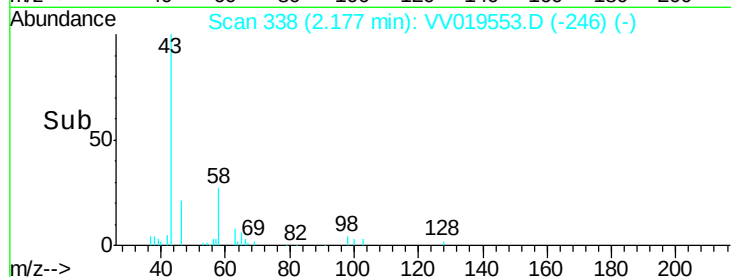
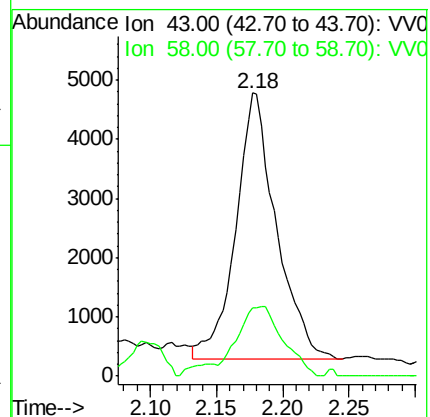
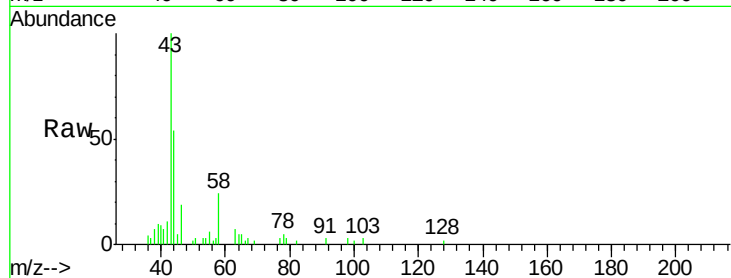
BG4J2

Tot Ion: 43 Resp: 9574

Ion Ratio Lower Upper

43 100

58 29.2 0.0 61.6



#29

Cyclohexane

Concen: 5.698 ug/L

RT: 4.69 min Scan# 1118

Delta R.T. 0.00 min

Lab File: VV019553.D

Acq: 12 Dec 2020 14:04

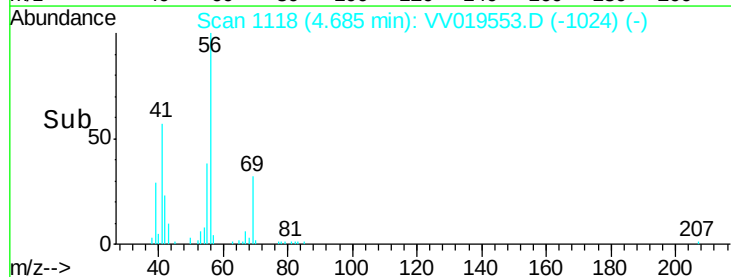
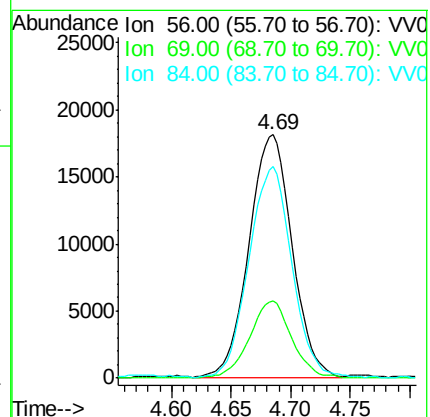
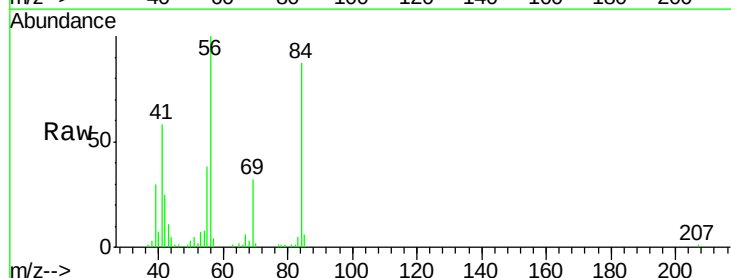
Tgt Ion: 56 Resp: 45832

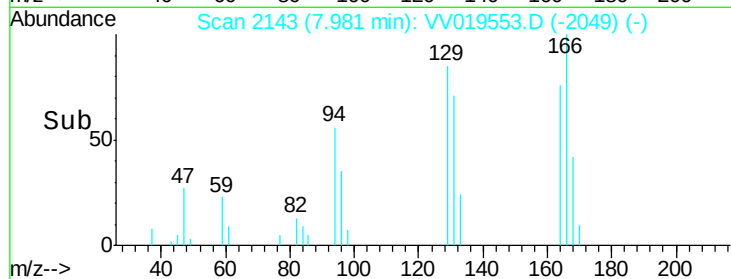
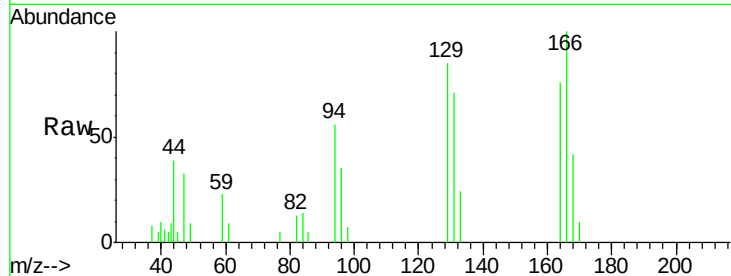
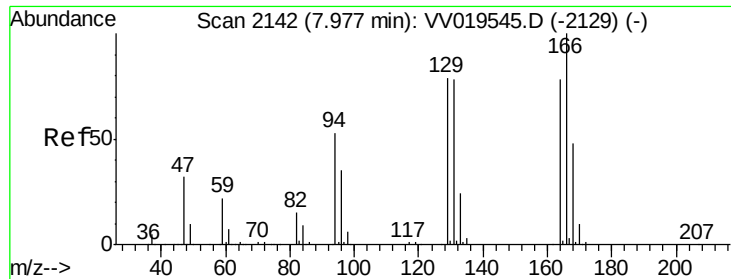
Ion Ratio Lower Upper

56 100

69 30.7 24.6 37.0

84 86.7 68.2 102.4





#46

Tetrachloroethene

Concen: 0.856 ug/L

RT: 7.98 min Scan# 2143

Delta R.T. 0.00 min

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Acq: 12 Dec 2020 14:04

Instrument :

MSVOA_V

ClientSampleId :

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Tot Ion:164 Resp: 3002

Ion Ratio Lower Upper

164 100

129 111.4 70.6 131.0

131 93.3 68.0 126.4

166 131.0 86.9 161.5

Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

