

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121020\
 Data File : VV019540.D
 Acq On : 11 Dec 2020 04:14
 Operator : SY/MD
 Sample : L4955-19
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4J2

Quant Time: Dec 11 04:57:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 11 04:38:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	684677	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	638219	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	309195	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	200352	40.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.62%
7) Chloroethane-d5	1.57	69	169866	43.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.74%
11) 1,1-Dichloroethene-d2	2.11	63	311035	34.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.26%
21) 2-Butanone-d5	3.89	46	250583	93.90	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.90%
24) Chloroform-d	4.35	84	401609	45.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.78%
26) 1,2-Dichloroethane-d4	5.04	65	281166	48.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.24%
32) Benzene-d6	5.05	84	807847	47.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.92%
36) 1,2-Dichloropropane-d6	6.07	67	258587	48.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.00%
41) Toluene-d8	7.32	98	728290	47.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.04%
43) trans-1,3-Dichloropropene-	7.62	79	134826	44.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.90%
47) 2-Hexanone-d5	8.09	63	194299	92.85	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.85%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	337424	46.79	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.58%
64) 1,2-Dichlorobenzene-d4	11.63	152	270564	46.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.62%

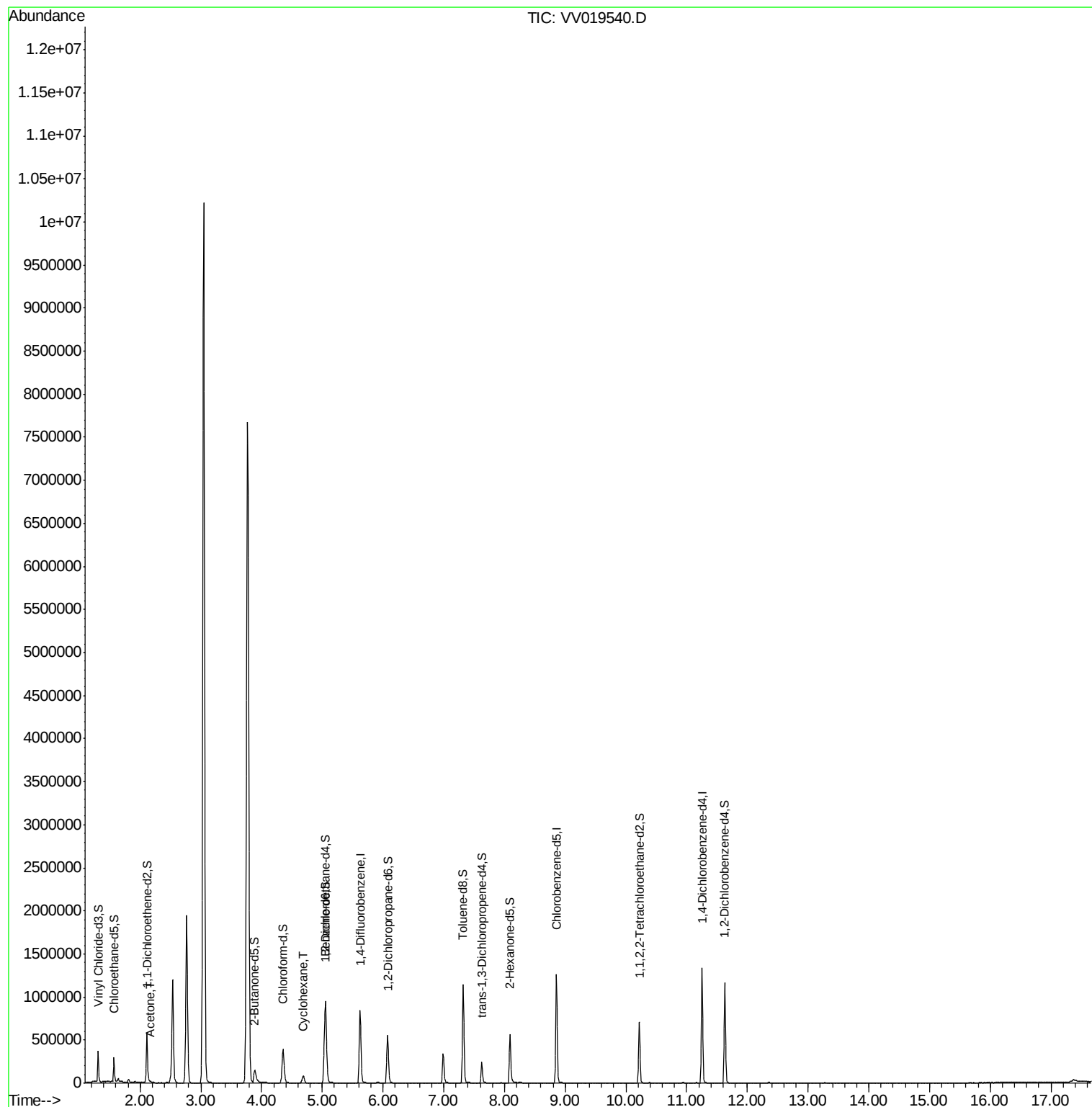
Target Compounds					Ovalue
13) Acetone	2.18	43	10404	4.576 ug/L	96
29) Cyclohexane	4.68	56	45799	5.855 ug/L	98

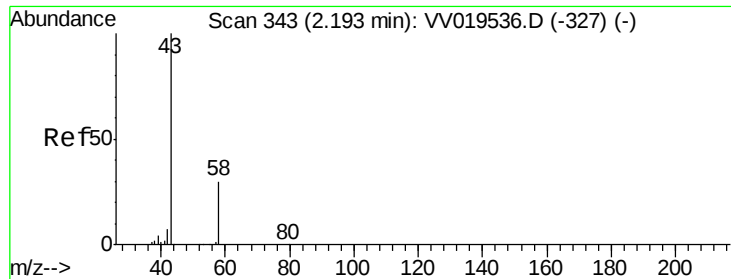
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.576 ug/L

RT: 2.18 min Scan# 338

Delta R.T. -0.02 min

Lab File: VV019540.D

Acq: 11 Dec 2020 04:14

Instrument :

MSVOA_V

ClientSampleId :

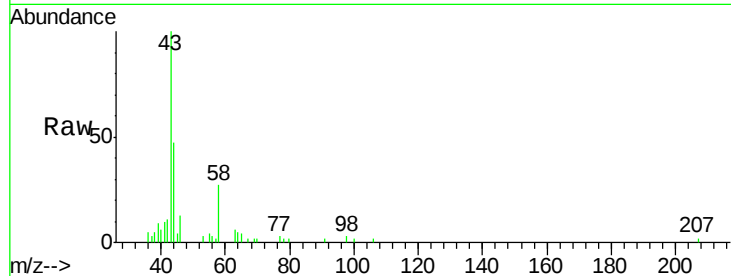
BG4J2

Tot Ion: 43 Resp: 10404

Ion Ratio Lower Upper

43 100

58 28.7 0.0 61.6



Abundance Ion 43.00 (42.70 to 43.70): VV019536.D (-327) (-)

Ion 58.00 (57.70 to 58.70): VV019536.D (-327) (-)

2.18

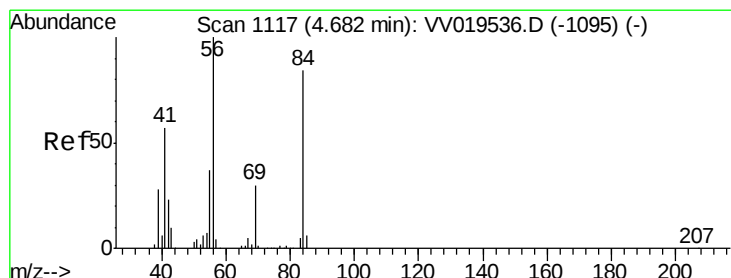
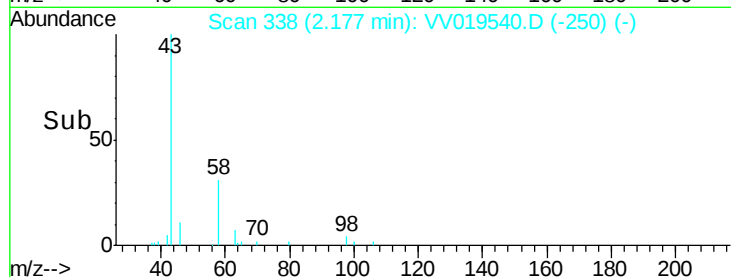
6000

4000

2000

0

Time--> 2.10 2.15 2.20 2.25



#29

Cyclohexane

Concen: 5.855 ug/L

RT: 4.68 min Scan# 1118

Delta R.T. 0.00 min

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Acq: 11 Dec 2020 04:14

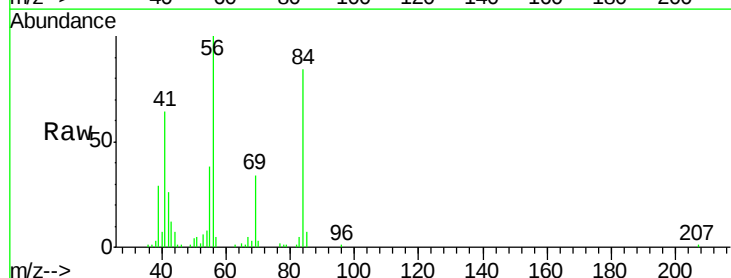
Tgt Ion: 56 Resp: 45799

Ion Ratio Lower Upper

56 100

69 32.1 24.6 37.0

84 83.7 68.2 102.4



Abundance Ion 56.00 (55.70 to 56.70): VV019536.D (-1095) (-)

Ion 69.00 (68.70 to 69.70): VV019536.D (-1095) (-)

Ion 84.00 (83.70 to 84.70): VV019536.D (-1095) (-)

4.68

20000

15000

10000

5000

0

Time--> 4.60 4.65 4.70 4.75 4.80

