

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121620\
 Data File : VV019670.D
 Acq On : 16 Dec 2020 13:24
 Operator : SY/MD
 Sample : L5024-16RE
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 17 00:31:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 17 00:30:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	637818	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	593094	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	272592	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	199197	43.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.10%
7) Chloroethane-d5	1.57	69	163448	45.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.62%
11) 1,1-Dichloroethene-d2	2.11	63	287415	33.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.72%
21) 2-Butanone-d5	3.89	46	300441	120.86	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	120.86%
24) Chloroform-d	4.35	84	364537	44.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.44%
26) 1,2-Dichloroethane-d4	5.04	65	251200	46.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.26%
32) Benzene-d6	5.05	84	738500	46.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.38%
36) 1,2-Dichloropropane-d6	6.07	67	236977	47.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.64%
41) Toluene-d8	7.32	98	648611	45.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.08%
43) trans-1,3-Dichloropropene-	7.62	79	114737	40.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.42%
47) 2-Hexanone-d5	8.09	63	203726	104.76	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.76%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	290127	43.29	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.58%
64) 1,2-Dichlorobenzene-d4	11.63	152	238520	46.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.62%

Target Compounds

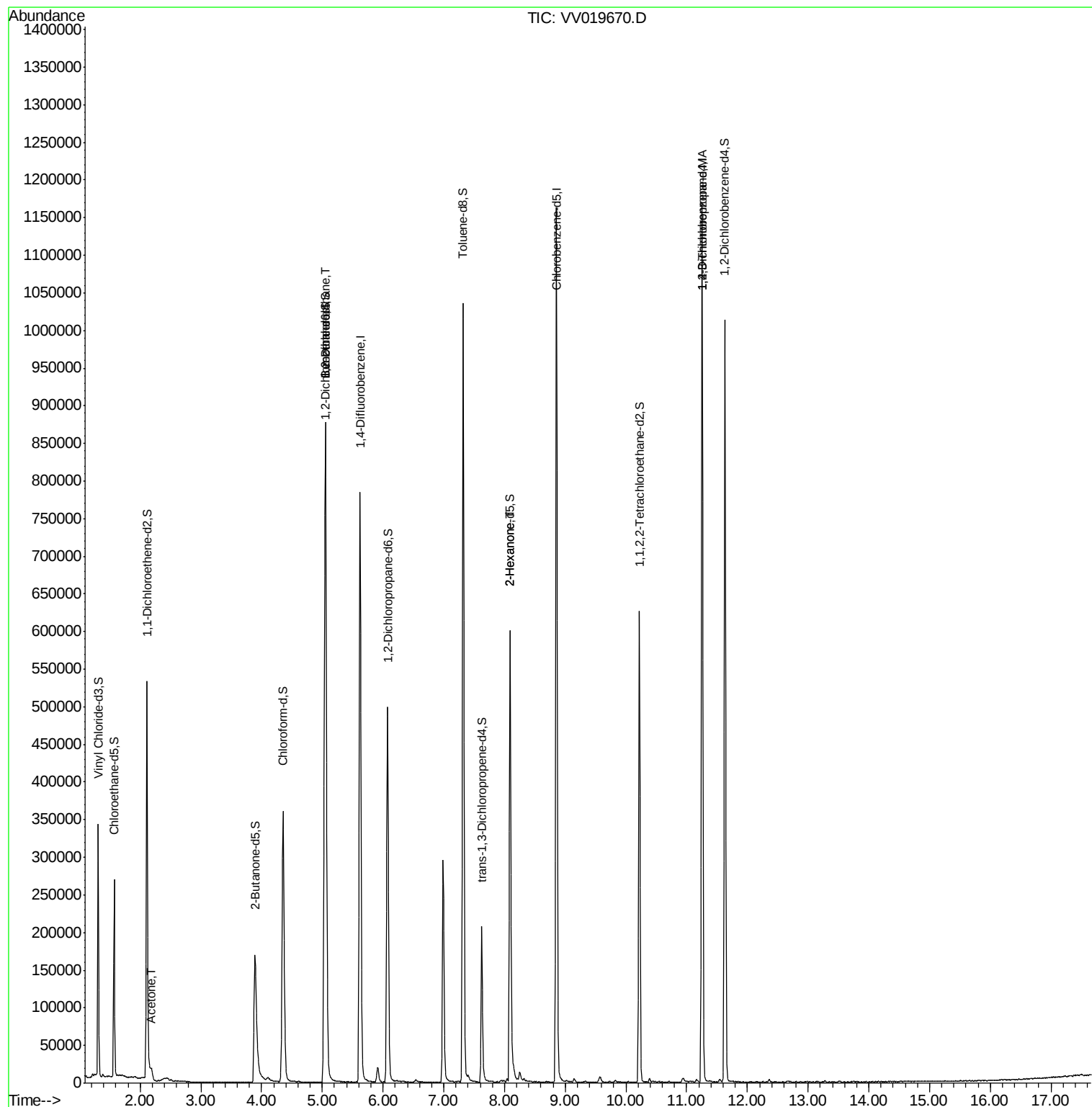
					Ovalue
13) Acetone	2.18	43	20010	9.448 ug/L	95
27) 1,2-Dichloroethane	5.06	62	4820	0.721 ug/L	96
48) 2-Hexanone	8.09	43	24162	4.876 ug/L #	71
59) 1,2,3-Trichloropropane	11.25	75	37221	6.611 ug/L	90

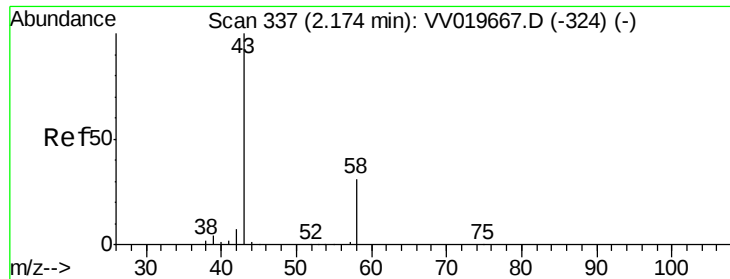
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 9.448 ug/L

RT: 2.18 min Scan# 340

Delta R.T. 0.01 min

Lab File: VV019670.D

Acq: 16 Dec 2020 13:24

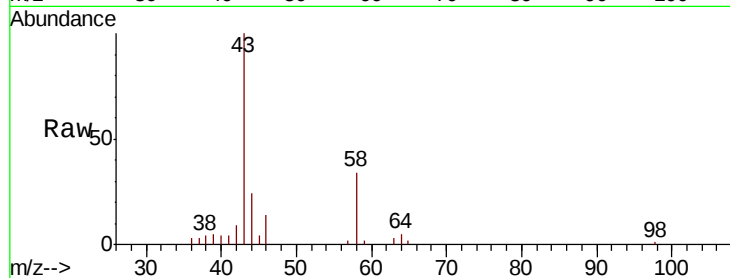
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 20010

Ion Ratio Lower Upper

43 100

58 33.8 0.0 61.6



Abundance Ion 43.00 (42.70 to 43.70): VV019667.D (-324) (-)

Ion 58.00 (57.70 to 58.70): VV019667.D (-324) (-)

2.18

10000

8000

6000

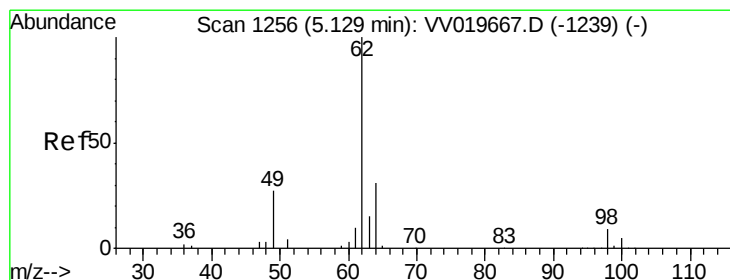
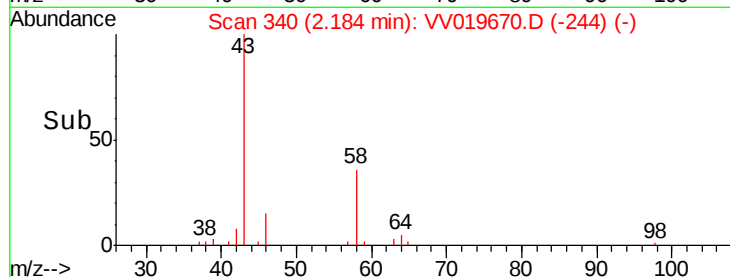
4000

2000

0

Time-->

2.10 2.15 2.20 2.25 2.30



#27

1,2-Dichloroethane

Concen: 0.721 ug/L

RT: 5.06 min Scan# 1234

Delta R.T. -0.07 min

Lab File: VV019670.D

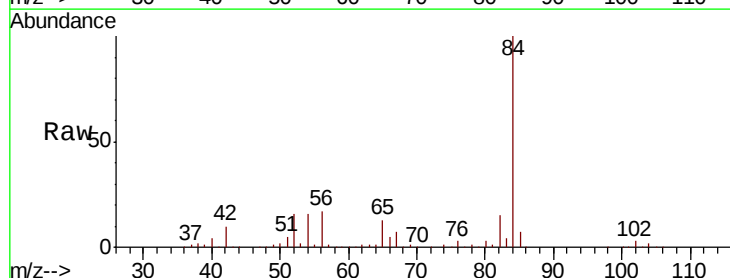
Acq: 16 Dec 2020 13:24

Tgt Ion: 62 Resp: 4820

Ion Ratio Lower Upper

62 100

98 7.7 7.4 11.0



Abundance Ion 62.00 (61.70 to 62.70): VV019667.D (-1239) (-)

Ion 98.00 (97.70 to 98.70): VV019667.D (-1239) (-)

5.06

2500

2000

1500

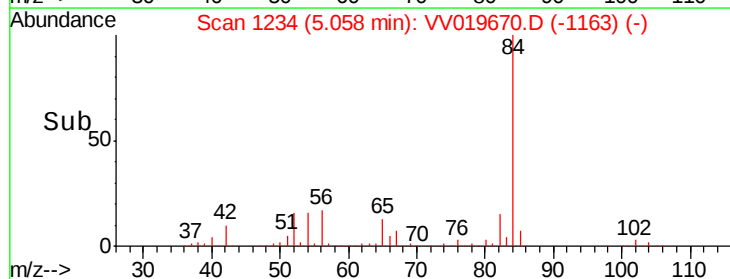
1000

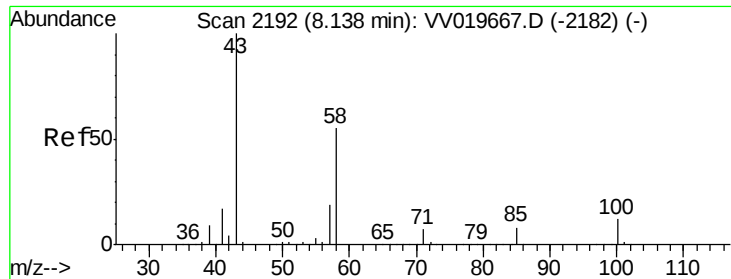
500

0

Time-->

5.00 5.05 5.10

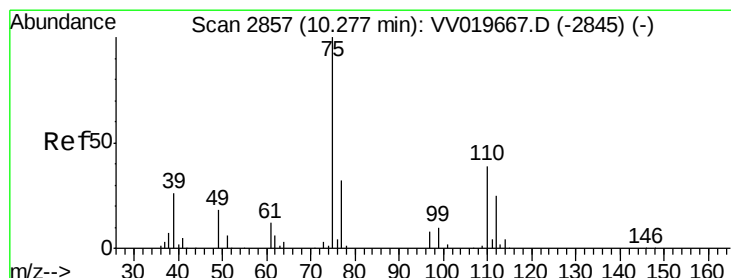
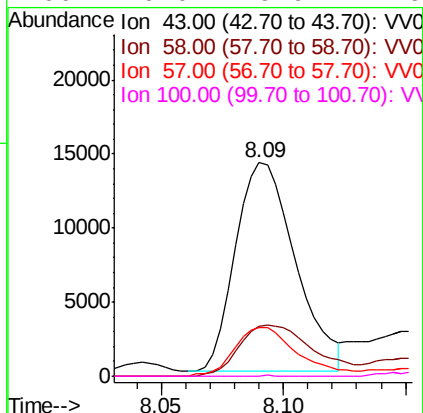
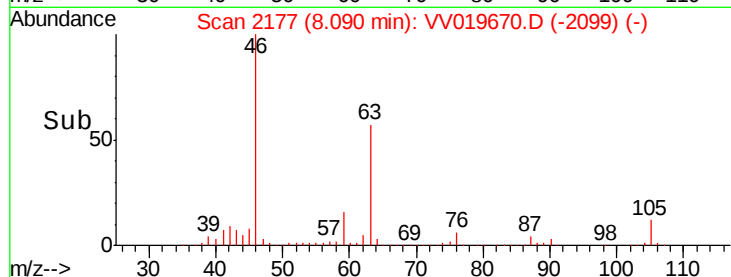
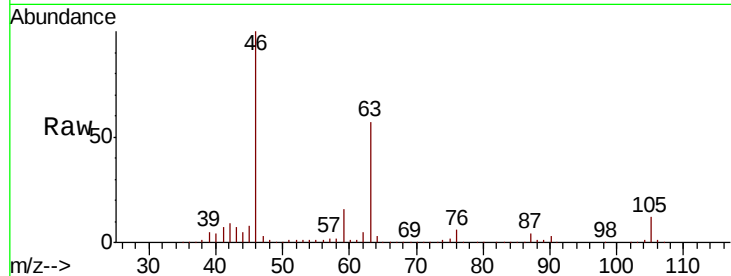




#48
2-Hexanone
Concen: 4.876 ug/L
RT: 8.09 min Scan# 2177
Delta R.T. -0.05 min
Lab File: VV019670.D
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Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:	43	Resp:	24162
Ion	Ratio	Lower	Upper
43	100		
58	30.6	44.4	66.6#
57	24.7	15.7	23.5#
100	0.0	9.9	14.9#



#59
1,2,3-Trichloropropane
Concen: 6.611 ug/L
RT: 11.25 min Scan# 3161
Delta R.T. 0.98 min
Lab File: VV019670.D
Acq: 16 Dec 2020 13:24

Tgt Ion:	75	Resp:	37221
Ion	Ratio	Lower	Upper
75	100		
77	37.9	25.8	38.8

