

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060420\
 Data File : VV016507.D
 Acq On : 04 Jun 2020 14:07
 Operator : SY/MD
 Sample : L2849-11DL 40X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETTR6DL

Manual Integrations
 APPROVED

MMDadoda
 6/5/2020 1:08:04 PM

Quant Time: Jun 05 03:34:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 05 01:52:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	363229	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	344507	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	165994	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	95118	36.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.94%
7) Chloroethane-d5	1.57	69	75394	40.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.18%
11) 1,1-Dichloroethene-d2	2.12	63	136222	29.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.74%#
21) 2-Butanone-d5	3.89	46	169036	102.76	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.76%
24) Chloroform-d	4.38	84	214311	44.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.78%
26) 1,2-Dichloroethane-d4	5.06	65	149555	46.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.52%
32) Benzene-d6	5.07	84	428241	46.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.80%
36) 1,2-Dichloropropane-d6	6.09	67	135650	47.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.36%
41) Toluene-d8	7.34	98	384545	45.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.76%
43) trans-1,3-Dichloropropene-	7.64	79	60872	43.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.88%
47) 2-Hexanone-d5	8.11	63	133756	108.61	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.61%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	182238	46.73	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.46%
64) 1,2-Dichlorobenzene-d4	11.65	152	155871	49.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.94%

Target Compounds

					Ovalue
5) Vinyl chloride	1.32	62	53698	19.247 ug/L	97
13) Acetone	2.17	43	6317	4.109 ug/L	91
15) Methyl Acetate	2.45	43	4216m	1.492 ug/L	
20) cis-1,2-Dichloroethene	3.94	96	80189	29.203 ug/L	98

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

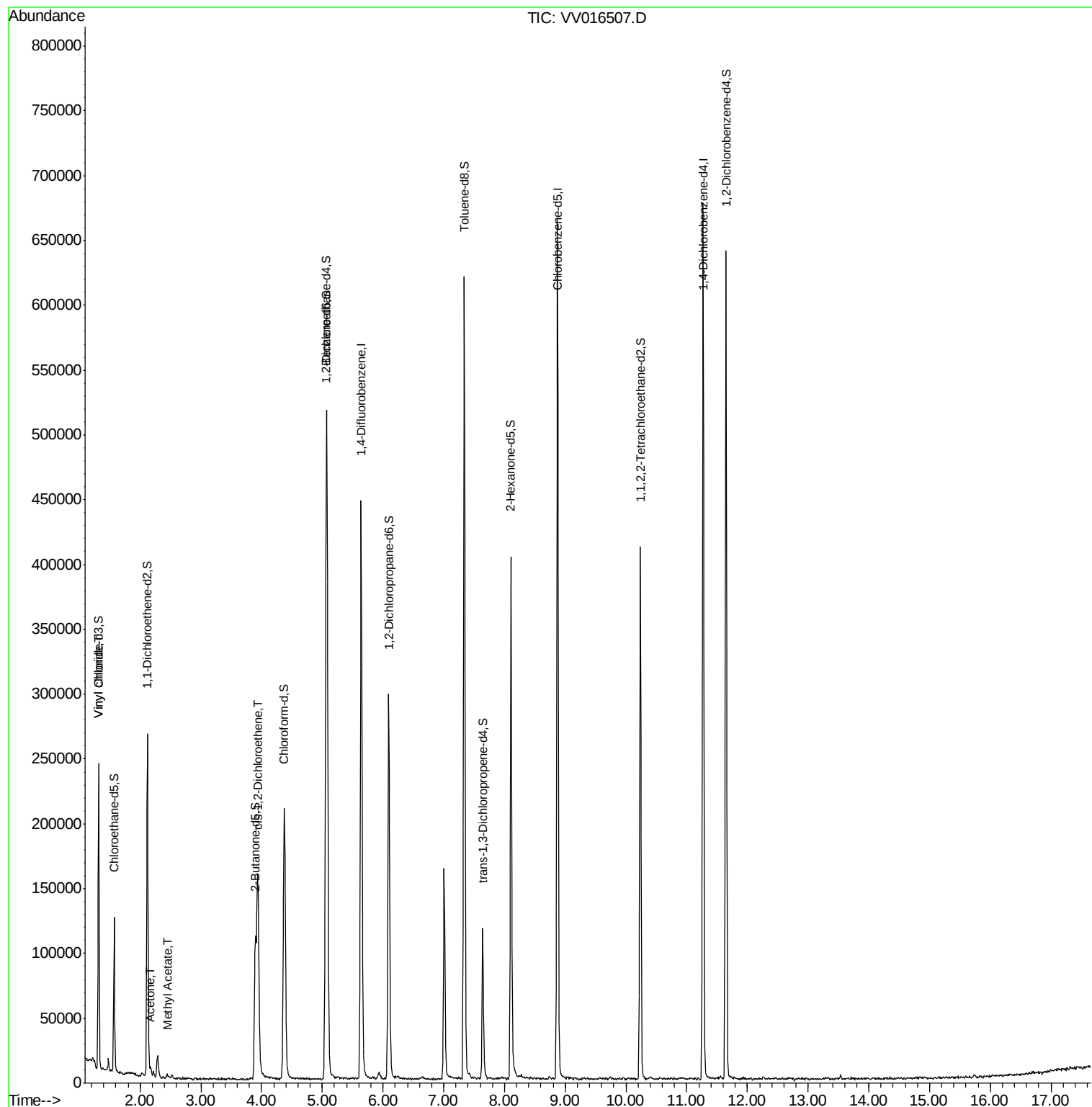
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV060420\
Data File : VV016507.D
Acq On : 04 Jun 2020 14:07
Operator : SY/MD
Sample : L2849-11DL 40X
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 11 Sample Multiplier: 1

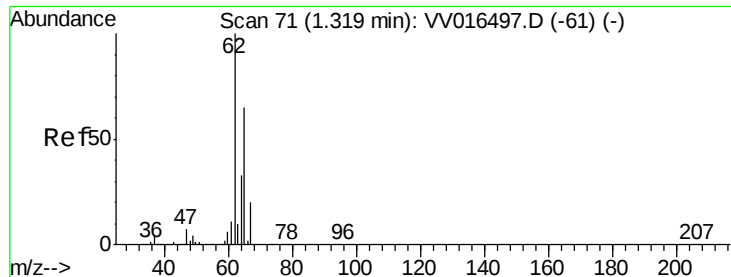
Instrument :
MSVOA_V
ClientSampleId :
ETTR6DL

Manual Integrations
APPROVED

MMDadoda
6/5/2020 1:08:04 PM

Quant Time: Jun 05 03:34:38 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 05 01:52:01 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 19.247 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV016507.D

Acq: 04 Jun 2020 14:07

Instrument :

MSVOA_V

ClientSampleId :

ETTR6DL

Tot Ion: 62 Resp: 53698

Ion Ratio Lower Upper

62 100

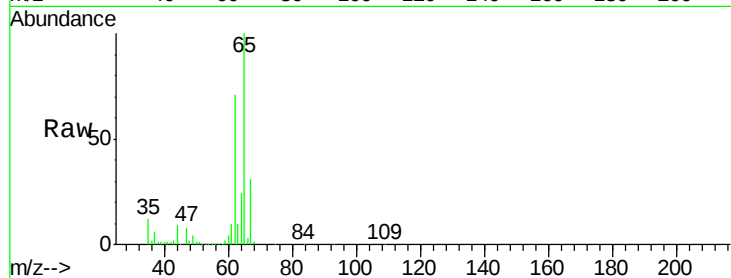
64 34.3 22.7 42.1

Manual Integrations

APPROVED

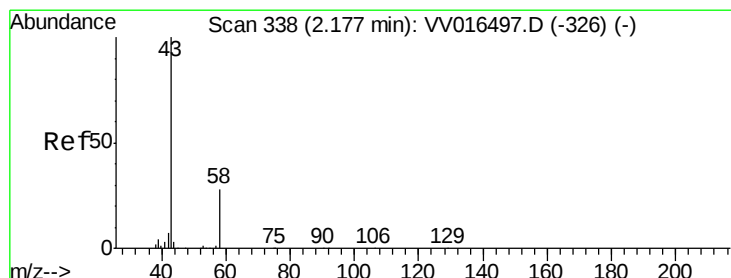
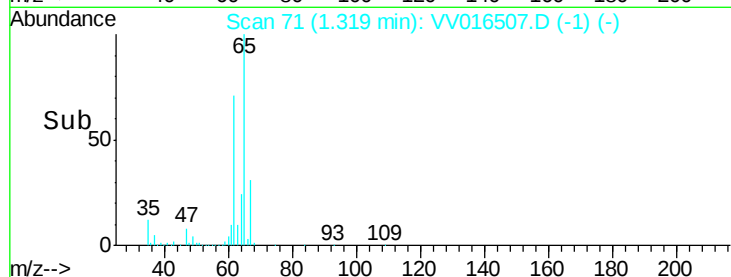
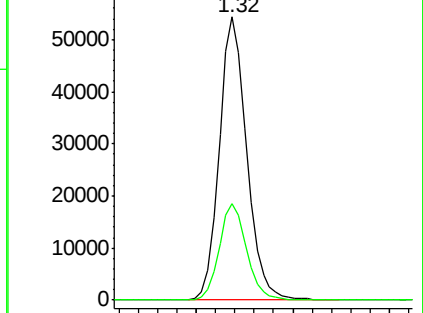
MMDadoda

6/5/2020 1:08:04 PM



Abundance Ion 62.00 (61.70 to 62.70): VV016507.D (-61) (-)

Ion 64.00 (63.70 to 64.70): VV016507.D (-61) (-)



#13

Acetone

Concen: 4.109 ug/L

RT: 2.17 min Scan# 337

Delta R.T. -0.00 min

Lab File: VV016507.D

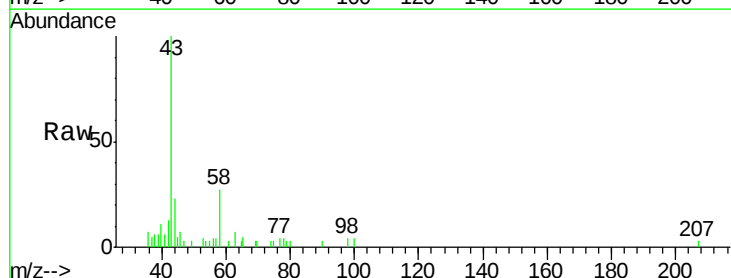
Acq: 04 Jun 2020 14:07

Tgt Ion: 43 Resp: 6317

Ion Ratio Lower Upper

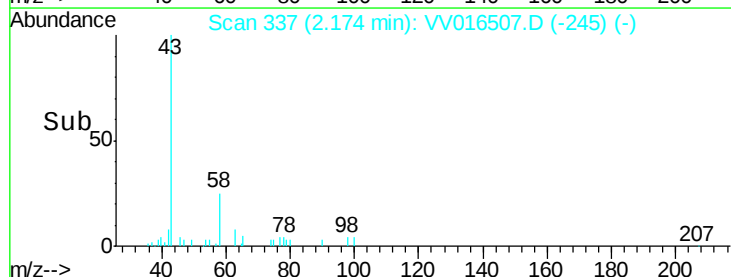
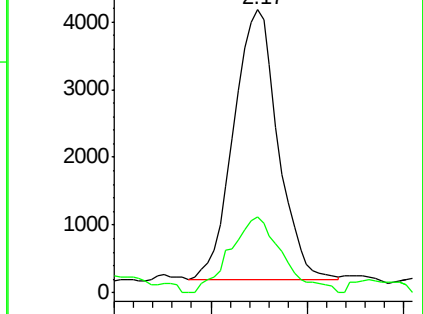
43 100

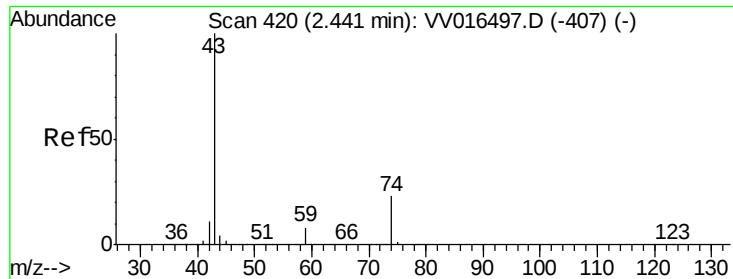
58 33.3 0.0 57.2



Abundance Ion 43.00 (42.70 to 43.70): VV016507.D (-326) (-)

Ion 58.00 (57.70 to 58.70): VV016507.D (-326) (-)





#15

Methvl Acetate

Concen: 1.492 ug/L m

RT: 2.45 min Scan# 422

Delta R.T. 0.01 min

Lab File: VV016507.D

Acq: 04 Jun 2020 14:07

Instrument :

MSVOA_V

ClientSampleId :

ETTR6DL

Tot Ion: 43 Resp: 4216

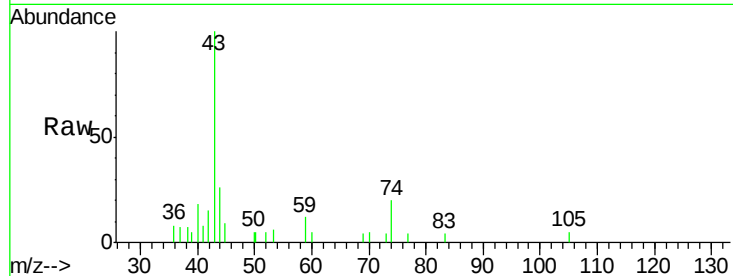
Ion Ratio Lower Upper

43 100

74 0.5 18.1 27.1#

Manual Integrations
APPROVED

MMDadoda
6/5/2020 1:08:04 PM



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 74.00 (73.70 to 74.70): VV0

2.45

2500

2000

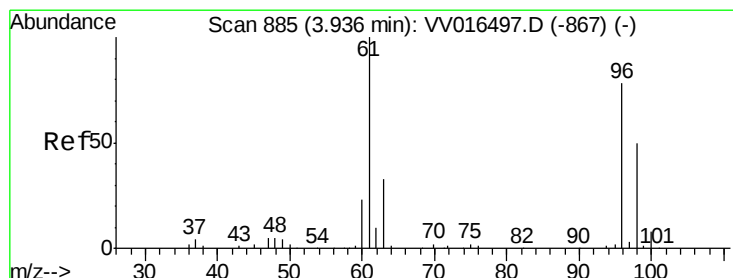
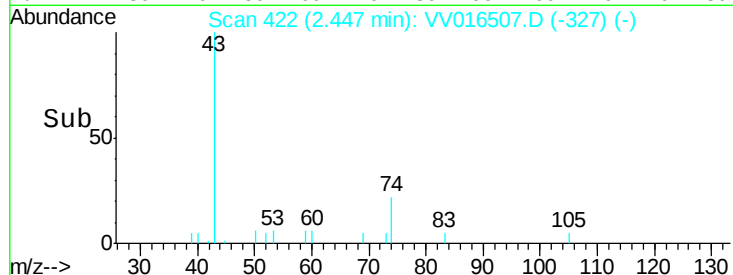
1500

1000

500

0

Time-->



#20

cis-1,2-Dichloroethene

Concen: 29.203 ug/L

RT: 3.94 min Scan# 886

Delta R.T. 0.00 min

Lab File: VV016507.D

Acq: 04 Jun 2020 14:07

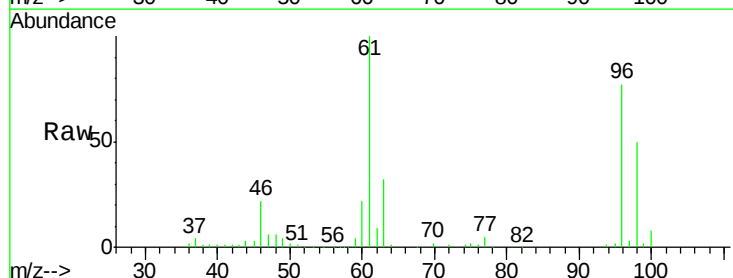
Tgt Ion: 96 Resp: 80189

Ion Ratio Lower Upper

96 100

61 130.7 93.4 173.4

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 68.00 (67.70 to 68.70): VV0

50000

40000

30000

20000

10000

0

Time-->

