

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062620\
 Data File : VV017215.D
 Acq On : 27 Jun 2020 05:26
 Operator : SY/MD
 Sample : L3133-03
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9Q25

Manual Integrations
 APPROVED

MMDadoda
 6/30/2020 1:57:38 PM

Quant Time: Jun 27 07:06:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 27 03:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	350247	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	329142	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	153604	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	96130	38.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.80%
7) Chloroethane-d5	1.58	69	64486	43.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.98%
11) 1,1-Dichloroethene-d2	2.12	63	153139	36.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.80%
21) 2-Butanone-d5	3.91	46	157167	85.92	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.92%
24) Chloroform-d	4.38	84	227916	45.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.70%
26) 1,2-Dichloroethane-d4	5.06	65	164854	48.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.46%
32) Benzene-d6	5.08	84	424451	44.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.48%
36) 1,2-Dichloropropane-d6	6.09	67	130475	44.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.24%
41) Toluene-d8	7.34	98	388656	44.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.28%
43) trans-1,3-Dichloropropene-	7.64	79	64031	41.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.14%
47) 2-Hexanone-d5	8.11	63	102977	79.86	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	79.86%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	169831	43.38	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.76%
64) 1,2-Dichlorobenzene-d4	11.65	152	162996	49.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.44%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.19	43	85381	70.844	ug/L	98
20) cis-1,2-Dichloroethene	3.94	96	22435	8.682	ug/L	96
22) 2-Butanone	4.01	43	9095m	4.894	ug/L	
34) Trichloroethene	5.94	95	67491	25.841	ug/L	99

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

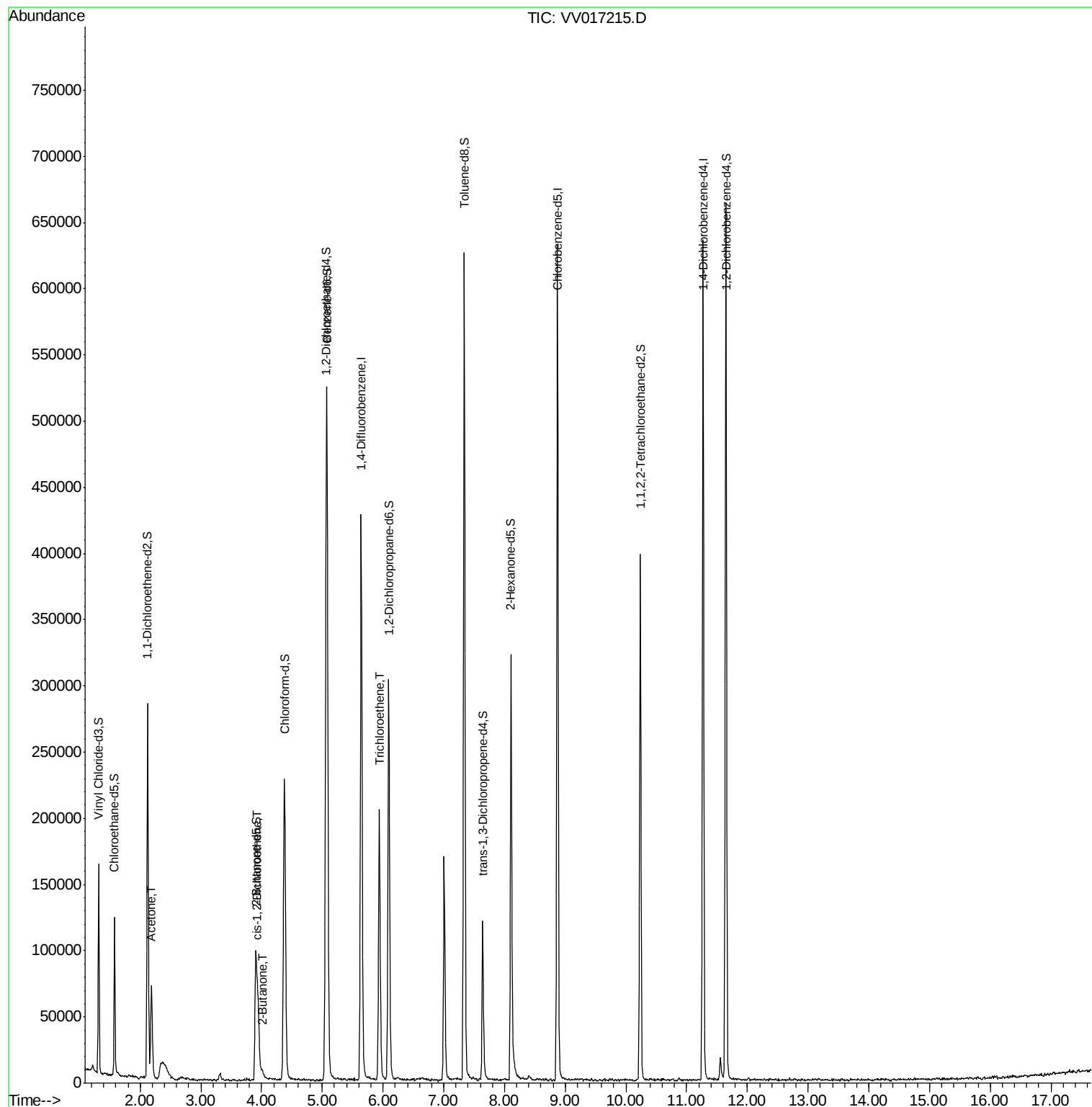
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV062620\
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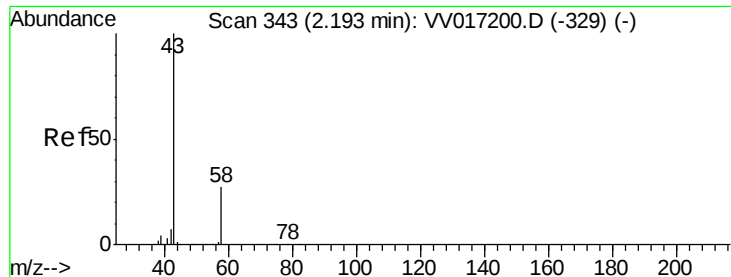
Instrument :
MSVOA_V
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 27 03:31:05 2020
Response via : Initial Calibration





#13

Acetone

Concen: 70.844 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.01 min

Lab File: VV017215.D

Acq: 27 Jun 2020 05:26

Instrument :

MSVOA_V

ClientSampled :

F9Q25

Tot Ion: 43 Resp: 85381

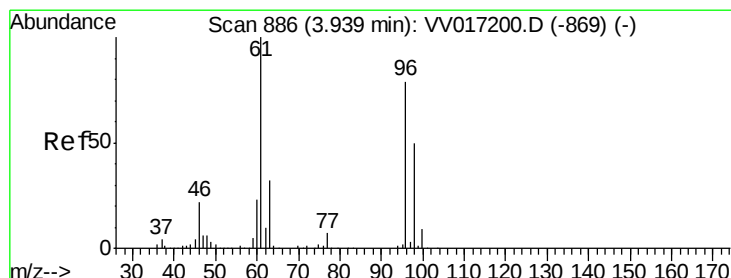
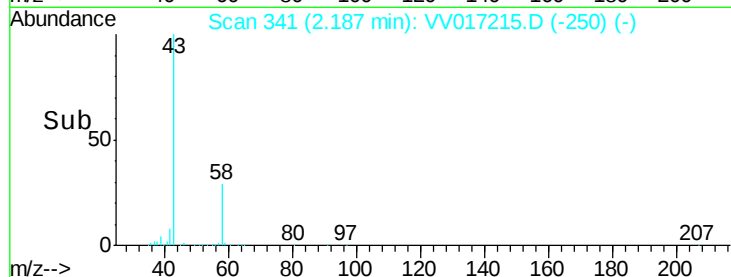
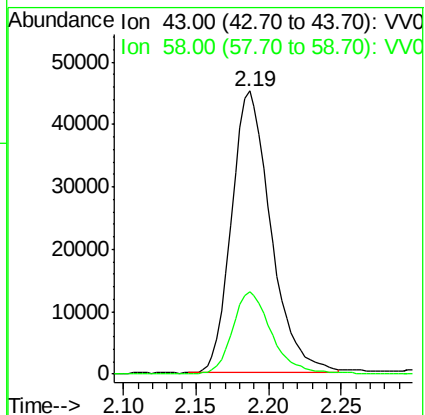
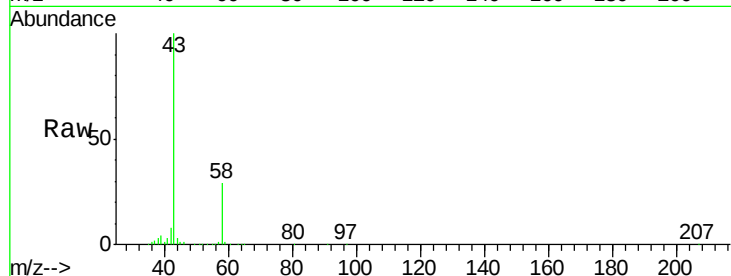
Ion Ratio Lower Upper

43 100

58 28.5 0.0 55.2

Manual Integrations
APPROVED

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#20

cis-1,2-Dichloroethene

Concen: 8.682 ug/L

RT: 3.94 min Scan# 887

Delta R.T. 0.00 min

Lab File: VV017215.D

Acq: 27 Jun 2020 05:26

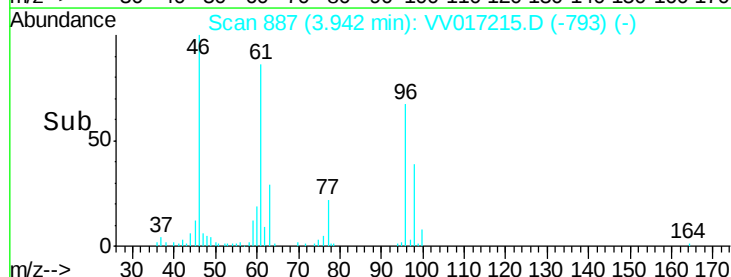
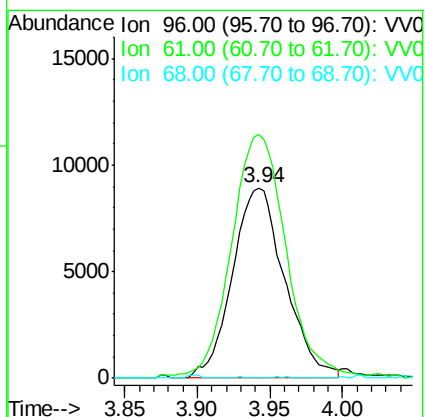
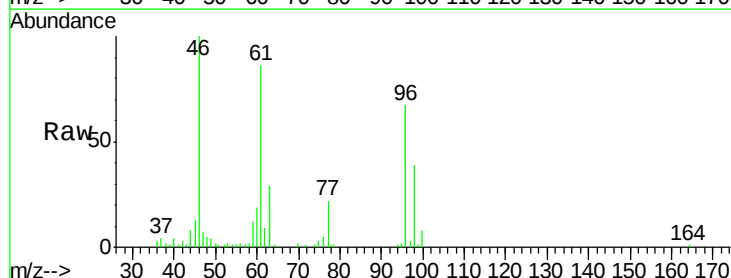
Tgt Ion: 96 Resp: 22435

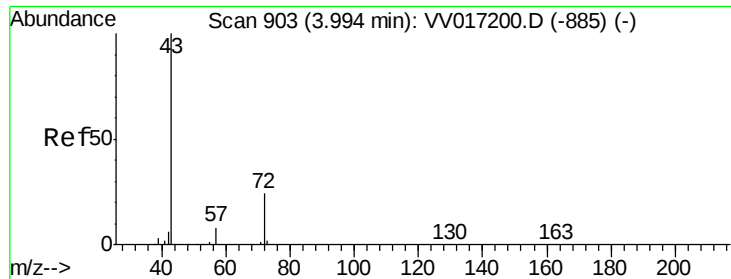
Ion Ratio Lower Upper

96 100

61 128.2 93.4 173.4

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 4.894 ug/L m

RT: 4.01 min Scan# 909

Delta R.T. 0.02 min

Lab File: VV017215.D

Acq: 27 Jun 2020 05:26

Instrument :

MSVOA_V

ClientSampleId :

F9Q25

Tot Ion: 43 Resp: 9095

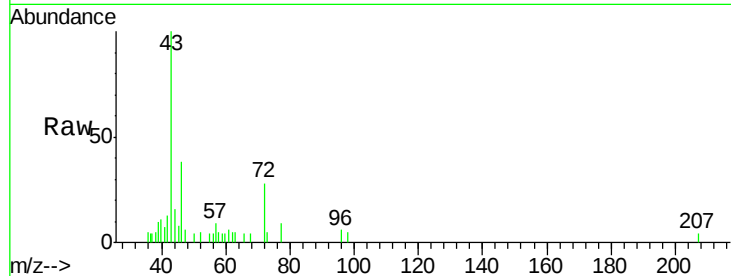
Ion Ratio Lower Upper

43 100

72 1.6 12.4 37.4#

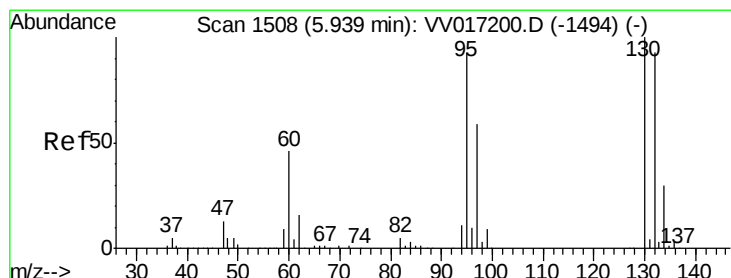
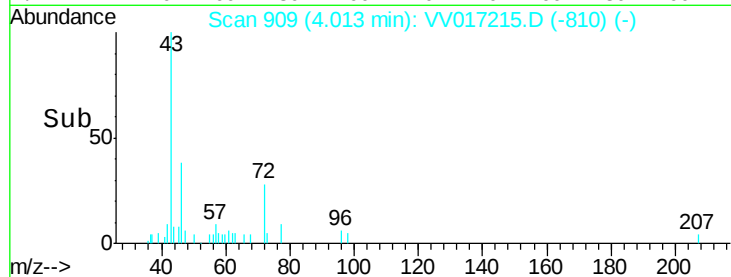
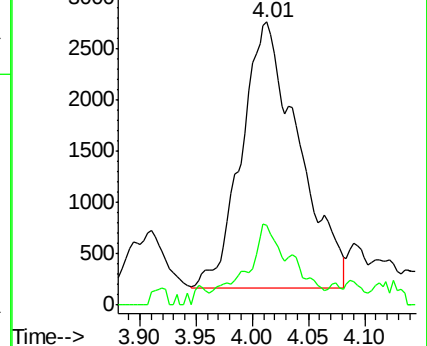
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Abundance Ion 43.00 (42.70 to 43.70): VV017215.D (-810) (-)

Ion 72.00 (71.70 to 72.70): VV017215.D (-810) (-)



#34

Trichloroethene

Concen: 25.841 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. -0.00 min

Lab File: VV017215.D

Acq: 27 Jun 2020 05:26

Tgt Ion: 95 Resp: 67491

Ion Ratio Lower Upper

95 100

97 64.6 44.3 82.3

132 97.7 67.9 126.1

130 104.7 72.2 134.2

Abundance Ion 95.00 (94.70 to 95.70): VV017215.D (-1415) (-)

Ion 97.00 (96.70 to 97.70): VV017215.D (-1415) (-)

Ion 132.00 (131.70 to 132.70): VV017215.D (-1415) (-)

Ion 130.00 (129.70 to 130.70): VV017215.D (-1415) (-)

