

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032720\
 Data File : VV015255.D
 Acq On : 28 Mar 2020 18:54
 Operator : SY/MD
 Sample : L1975-07
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 30 02:16:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032720WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Mar 30 02:13:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	563284	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	530452	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	223258	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	119286	52.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	104.38%
7) Chloroethane-d5	1.93	69	270	0.11	ug/L	0.35
Spiked Amount	50.000	Range	70 - 130	Recovery	=	0.22%#
11) 1,1-Dichloroethene-d2	2.12	63	188215	32.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.86%
21) 2-Butanone-d5	3.93	46	196389	72.54	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	72.54%
24) Chloroform-d	4.38	84	253340	42.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.00%
26) 1,2-Dichloroethane-d4	5.06	65	173740	44.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.44%
32) Benzene-d6	5.08	84	465202	49.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.62%
36) 1,2-Dichloropropane-d6	6.10	67	161158	46.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.14%
41) Toluene-d8	7.34	98	419795	51.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.00%
43) trans-1,3-Dichloropropene-	7.64	79	74533	39.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.74%
47) 2-Hexanone-d5	8.12	63	161285	79.88	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	79.88%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	240853	39.09	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	78.18%
64) 1,2-Dichlorobenzene-d4	11.65	152	162945	42.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.58%

Target Compounds

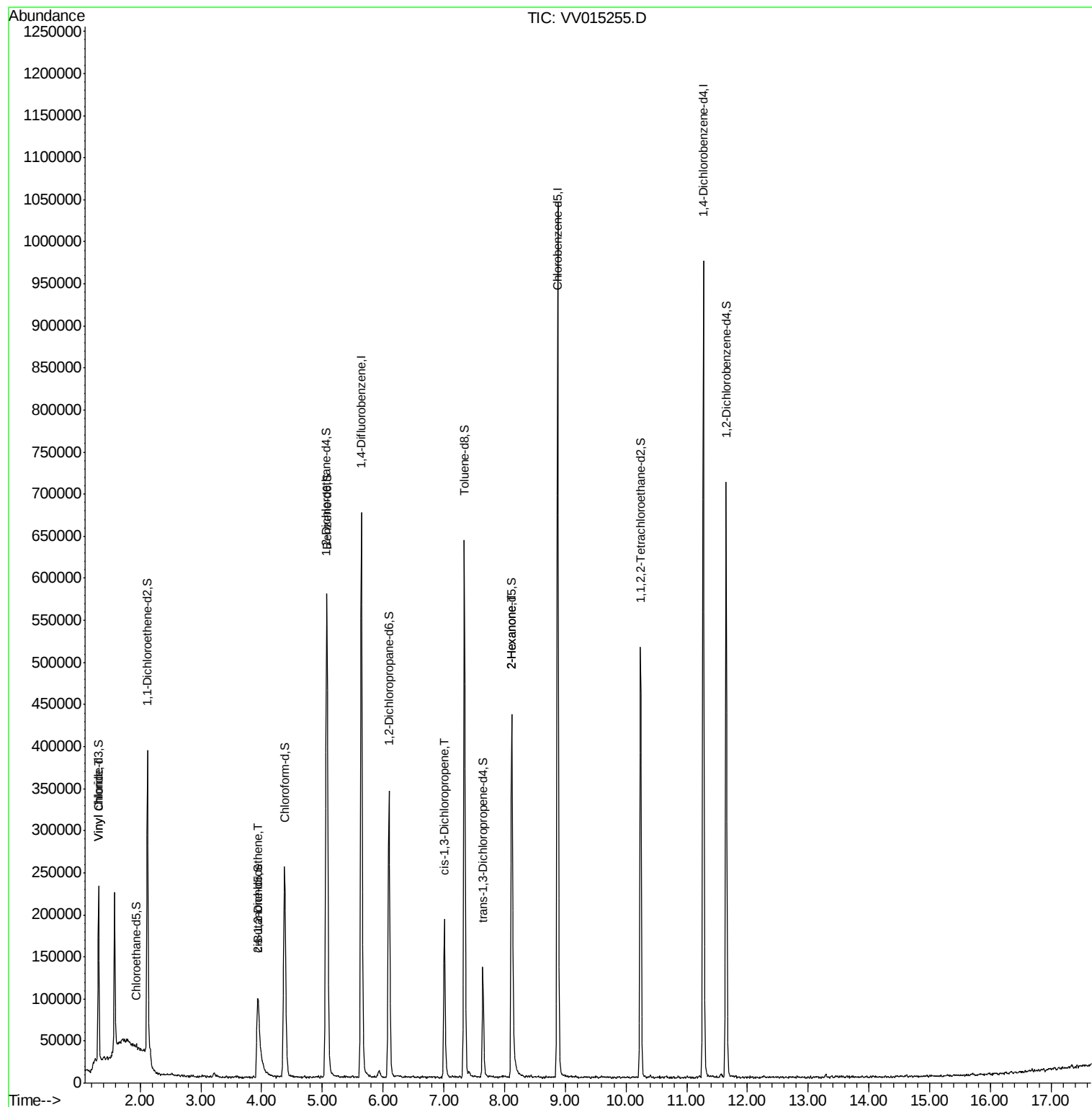
					Ovalue
5) Vinyl chloride	1.32	62	6792	1.355 ug/L #	44
20) cis-1,2-Dichloroethene	3.95	96	5762	1.329 ug/L #	82
39) cis-1,3-Dichloropropene	7.01	75	5859	0.940 ug/L #	71
48) 2-Hexanone	8.12	43	20452	4.877 ug/L #	78

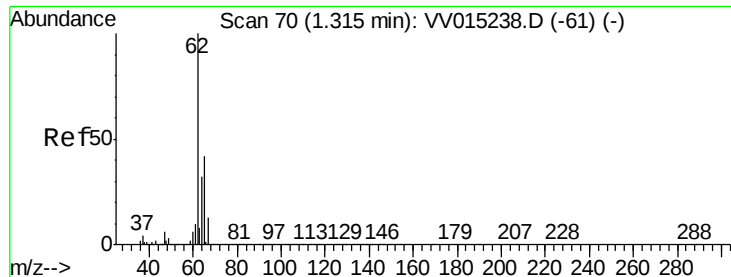
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 1.355 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV015255.D

Acq: 28 Mar 2020 18:54

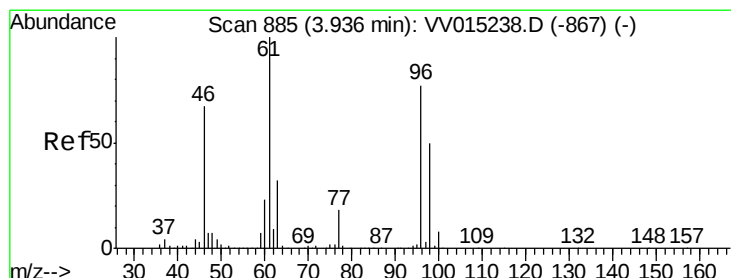
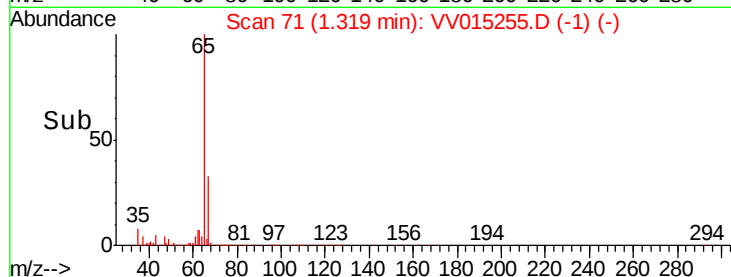
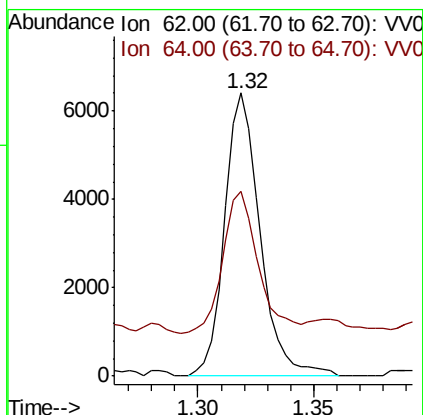
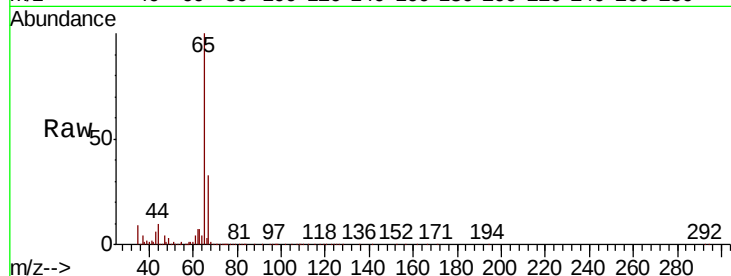
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 62 Resp: 6792

Ion Ratio Lower Upper

62 100

64 65.2 23.5 43.7#



#20

cis-1,2-Dichloroethene

Concen: 1.329 ug/L

RT: 3.95 min Scan# 888

Delta R.T. 0.01 min

Lab File: VV015255.D

Acq: 28 Mar 2020 18:54

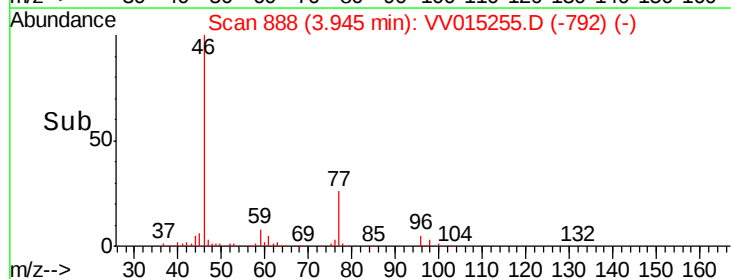
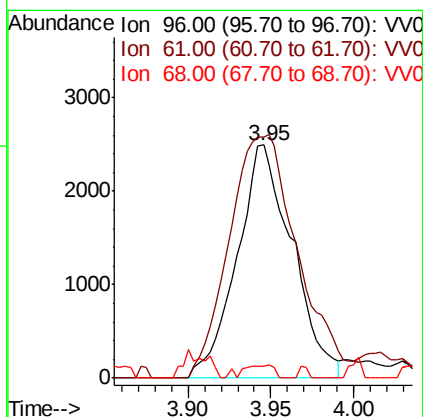
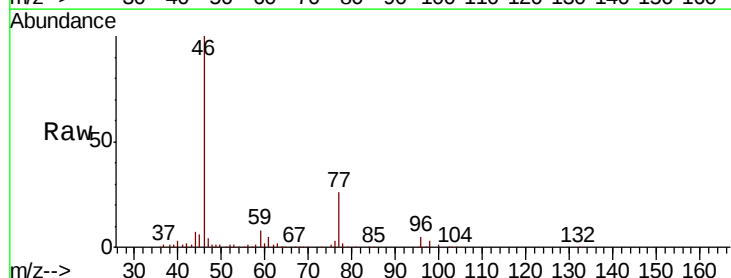
Tgt Ion: 96 Resp: 5762

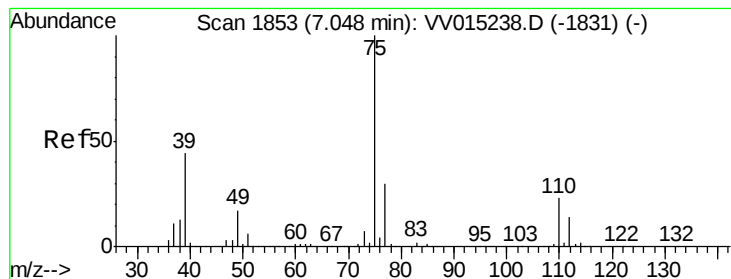
Ion Ratio Lower Upper

96 100

61 103.6 87.2 162.0

68 5.4 0.1 0.3#





#39

cis-1,3-Dichloropropene

Concen: 0.940 ug/L

RT: 7.01 min Scan# 1840

Delta R.T. -0.04 min

Lab File: VV015255.D

Acq: 28 Mar 2020 18:54

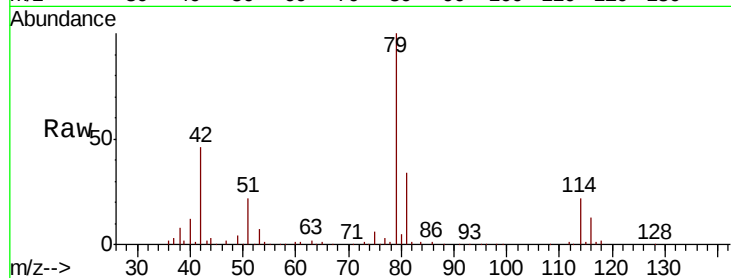
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 75 Resp: 5859

Ion Ratio Lower Upper

75 100

77 48.2 22.5 41.9#



Abundance Ion 75.00 (74.70 to 75.70): VV015238.D (-1831) (-)

Ion 77.00 (76.70 to 77.70): VV015238.D (-1831) (-)

7.01

4000

3000

2000

1000

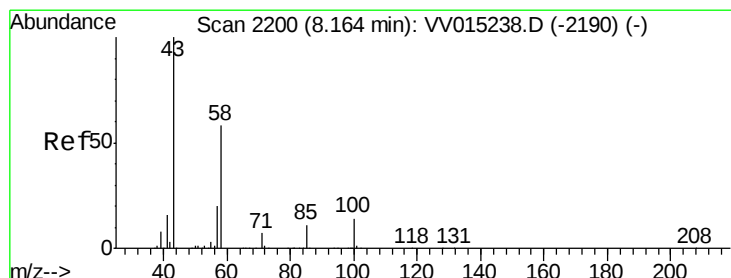
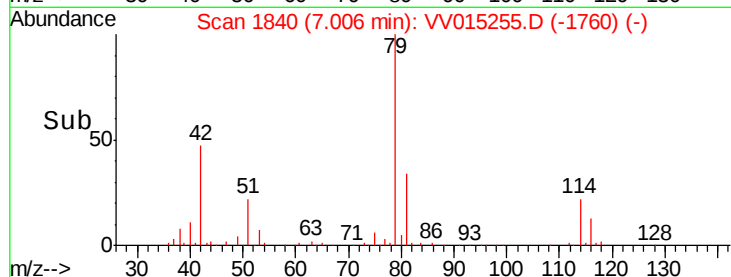
0

6.95

7.00

7.05

Time-->



#48

2-Hexanone

Concen: 4.877 ug/L

RT: 8.12 min Scan# 2186

Delta R.T. -0.05 min

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Tgt Ion: 43 Resp: 20452

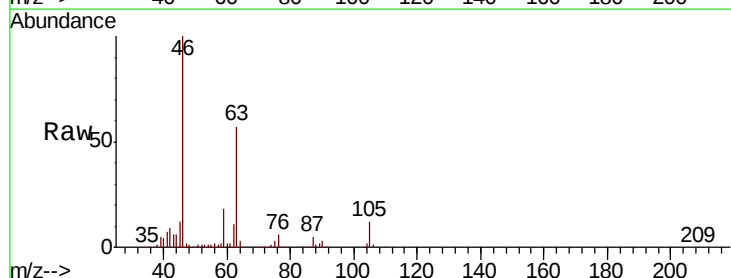
Ion Ratio Lower Upper

43 100

58 38.1 45.5 68.3#

57 20.4 15.8 23.6

100 0.0 10.9 16.3#



Abundance Ion 43.00 (42.70 to 43.70): VV015238.D (-2190) (-)

Ion 58.00 (57.70 to 58.70): VV015238.D (-2190) (-)

Ion 57.00 (56.70 to 57.70): VV015238.D (-2190) (-)

Ion 100.00 (99.70 to 100.70): VV015238.D (-2190) (-)

8.12

15000

10000

5000

0

8.05

8.10

8.15

8.20

Time-->

