

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100720\
 Data File : VV018752.D
 Acq On : 08 Oct 2020 00:55
 Operator : SY/MD
 Sample : L4284-13
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 08 06:43:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 08 02:46:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	283492	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	278540	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	127458	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	69035	41.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.04%
7) Chloroethane-d5	1.58	69	61184	44.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.02%
11) 1,1-Dichloroethene-d2	2.12	63	115776	34.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.36%
21) 2-Butanone-d5	3.91	46	95383	76.91	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	76.91%
24) Chloroform-d	4.38	84	149160	41.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.98%
26) 1,2-Dichloroethane-d4	5.06	65	107328	47.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.04%
32) Benzene-d6	5.08	84	288592	40.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.80%
36) 1,2-Dichloropropane-d6	6.09	67	90509	42.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.92%
41) Toluene-d8	7.34	98	260936	39.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.62%#
43) trans-1,3-Dichloropropene-	7.64	79	43595	37.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.72%
47) 2-Hexanone-d5	8.11	63	48239	59.58	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	59.58%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	90195	31.91	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	63.82%#
64) 1,2-Dichlorobenzene-d4	11.65	152	109598	44.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.42%

Target Compounds

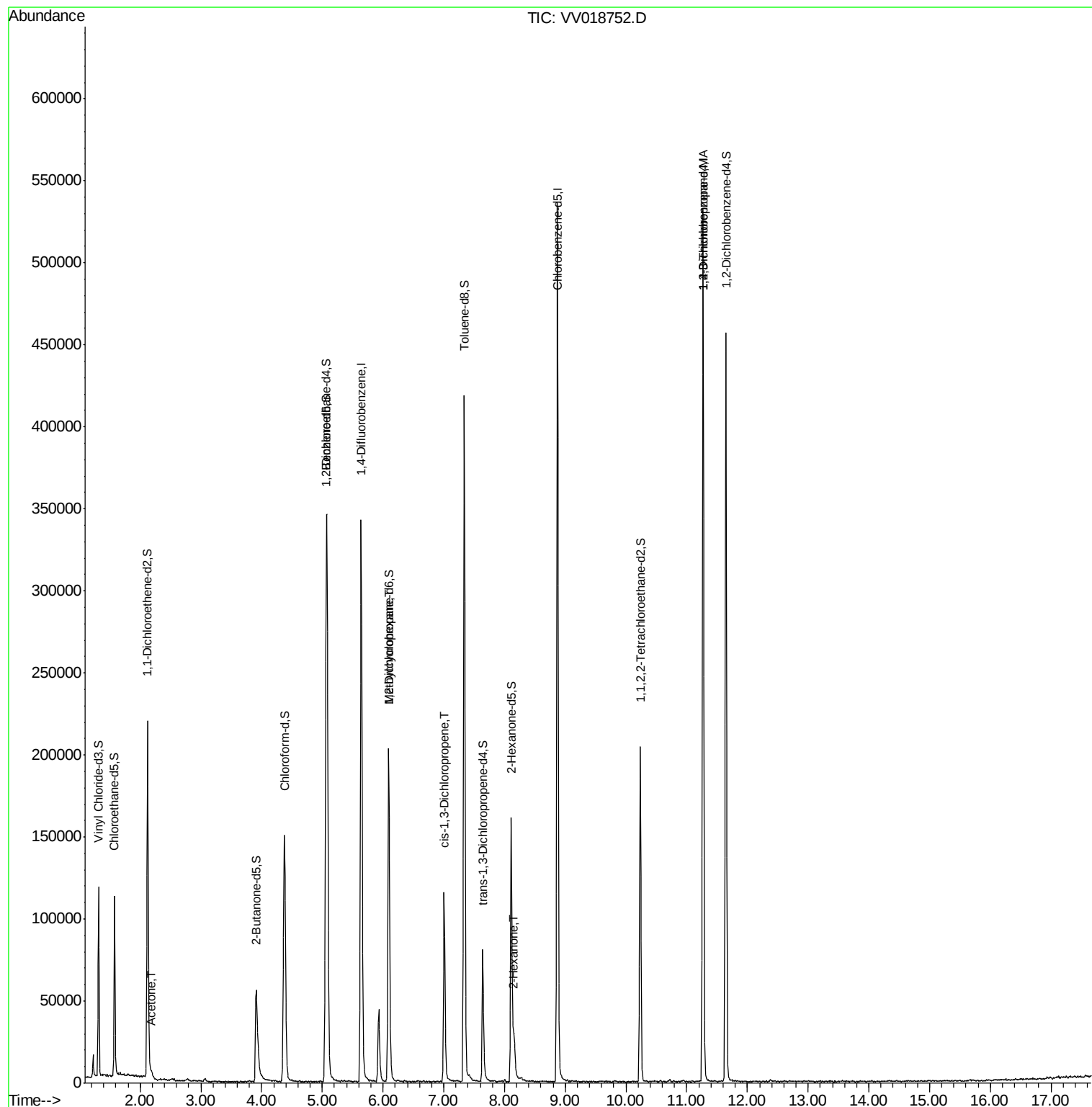
					Ovalue
13) Acetone	2.19	43	5416	5.055 ug/L	74
35) Methylcyclohexane	6.09	83	23376	7.294 ug/L #	19
39) cis-1,3-Dichloropropene	7.00	75	3259	0.989 ug/L #	73
48) 2-Hexanone	8.16	43	15448	7.308 ug/L #	86
59) 1,2,3-Trichloropropane	11.27	75	16650	6.520 ug/L	94

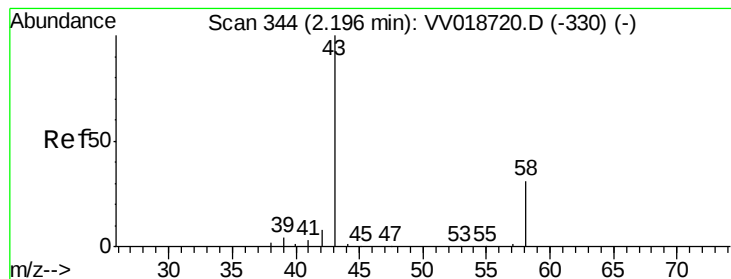
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.055 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.01 min

Lab File: VV018752.D

Acq: 08 Oct 2020 00:55

Instrument :

MSVOA_V

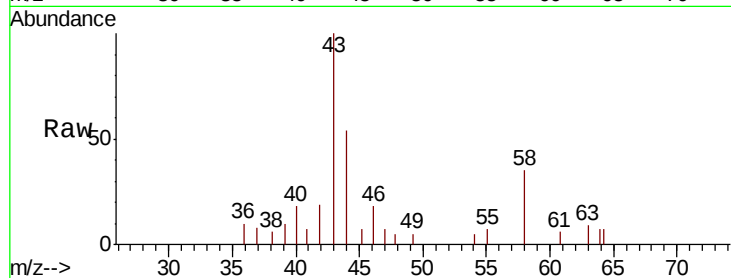
ClientSampleId :

Tot Ion: 43 Resp: 5416

Ion Ratio Lower Upper

43 100

58 17.4 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VV018720.D (-330) (-)

Ion 58.00 (57.70 to 58.70): VV018720.D (-330) (-)

2500

2000

1500

1000

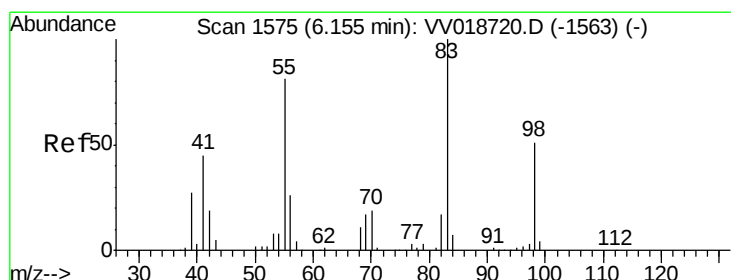
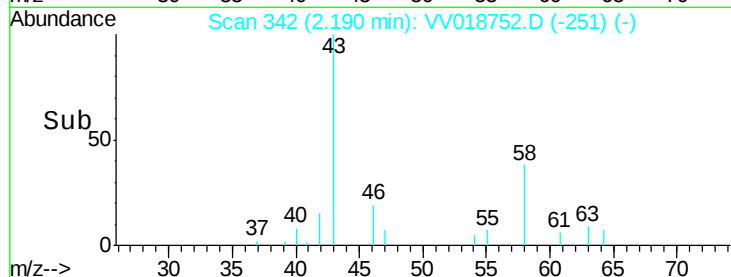
500

0

Time-->

2.10 2.15 2.20 2.25

2.19



#35

Methylcyclohexane

Concen: 7.294 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.06 min

Lab File: VV018752.D

Acq: 08 Oct 2020 00:55

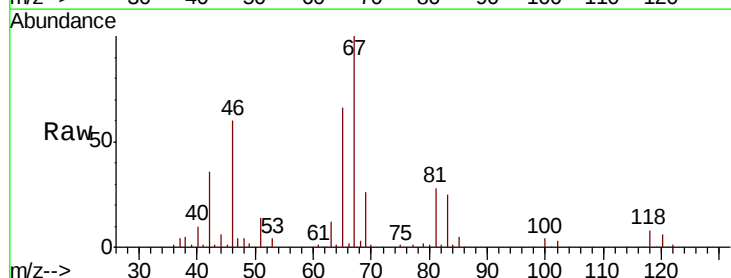
Tgt Ion: 83 Resp: 23376

Ion Ratio Lower Upper

83 100

55 0.3 60.1 90.1#

98 2.1 40.2 60.4#



Abundance Ion 83.00 (82.70 to 83.70): VV018720.D (-1563) (-)

Ion 55.00 (54.70 to 55.70): VV018720.D (-1563) (-)

Ion 98.00 (97.70 to 98.70): VV018720.D (-1563) (-)

15000

10000

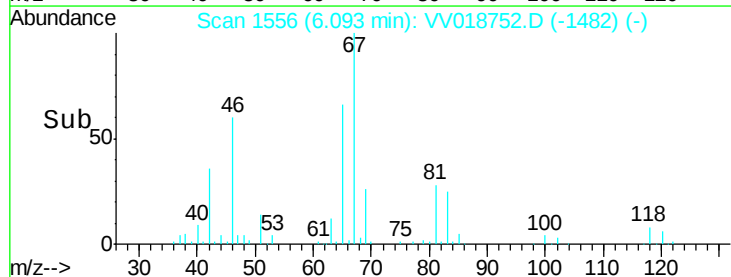
5000

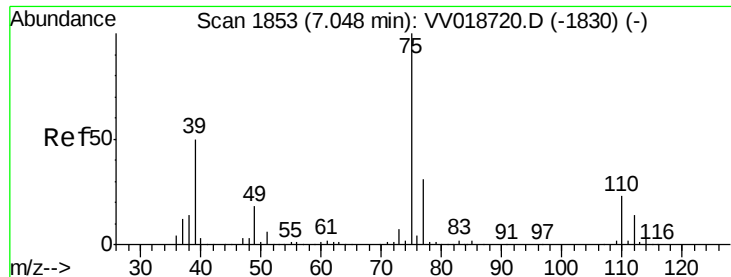
0

Time-->

6.05 6.10 6.15 6.20

6.09

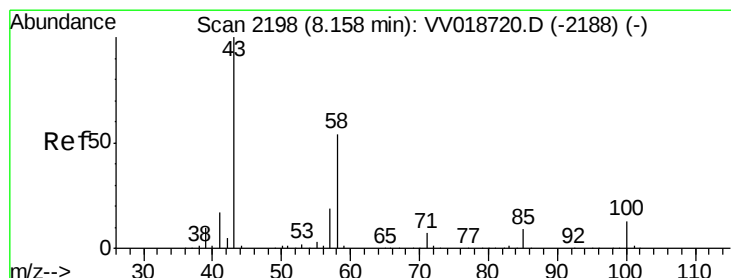
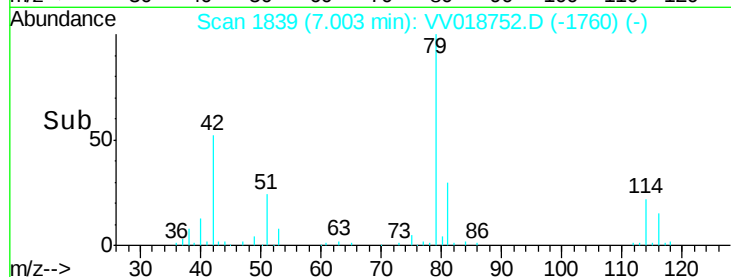
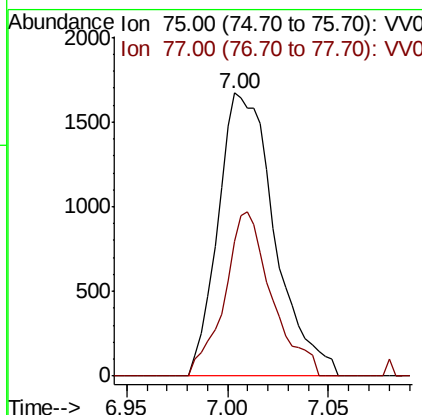
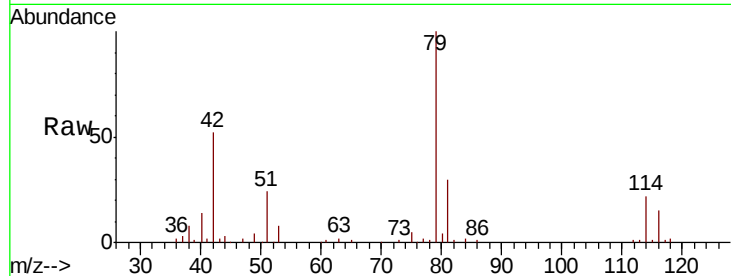




#39
 cis-1,3-Dichloropropene
 Concen: 0.989 ug/L
 RT: 7.00 min Scan# 1839
 Delta R.T. -0.05 min
 Lab File: VV018752.D
 Acq: 08 Oct 2020 00:55

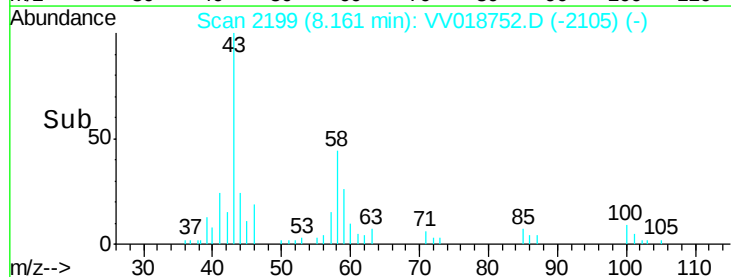
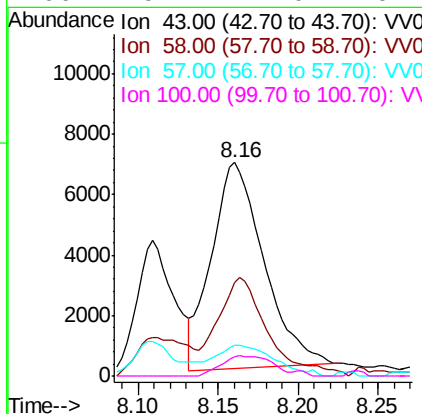
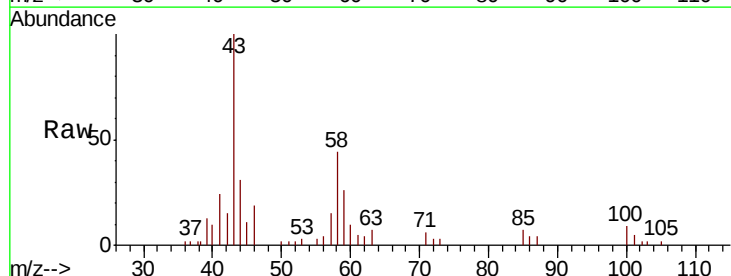
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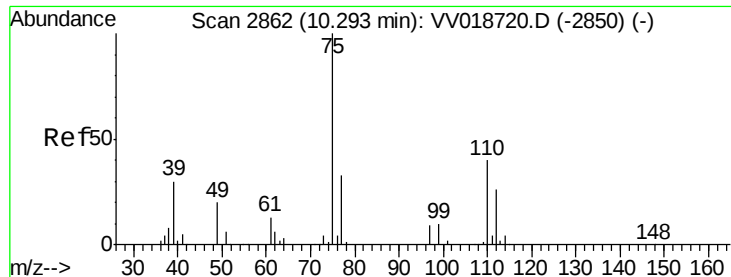
Tot Ion: 75 Resp: 3259
 Ion Ratio Lower Upper
 75 100
 77 47.8 23.0 42.6#



#48
 2-Hexanone
 Concen: 7.308 ug/L
 RT: 8.16 min Scan# 2199
 Delta R.T. 0.00 min
 Lab File: VV018752.D
 Acq: 08 Oct 2020 00:55

Tgt Ion: 43 Resp: 15448
 Ion Ratio Lower Upper
 43 100
 58 44.7 45.1 67.7#
 57 14.0 15.7 23.5#
 100 9.2 11.0 16.4#





#59

1,2,3-Trichloropropane

Concen: 6.520 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018752.D

Acq: 08 Oct 2020 00:55

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 75 Resp: 16650

Ion Ratio Lower Upper

75 100

77 35.2 25.4 38.0

