

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091620\
 Data File : VV018263.D
 Acq On : 17 Sep 2020 02:20
 Operator : SY/MD
 Sample : L4042-17
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 17 05:36:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 17 05:33:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	279288	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	277685	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	134737	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	93870	41.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.48%
7) Chloroethane-d5	1.58	69	77500	41.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.22%
11) 1,1-Dichloroethene-d2	2.12	63	135433	32.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.88%
21) 2-Butanone-d5	3.92	46	116097	83.33	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.33%
24) Chloroform-d	4.38	84	167506	42.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.84%
26) 1,2-Dichloroethane-d4	5.06	65	111861	44.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.38%
32) Benzene-d6	5.08	84	338847	42.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.26%
36) 1,2-Dichloropropane-d6	6.09	67	108327	42.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.78%
41) Toluene-d8	7.34	98	299786	41.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.76%
43) trans-1,3-Dichloropropene-	7.64	79	50355	39.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.46%
47) 2-Hexanone-d5	8.11	63	86056	89.95	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.95%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	141296	44.57	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.14%
64) 1,2-Dichlorobenzene-d4	11.65	152	126347	45.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.32%

Target Compounds

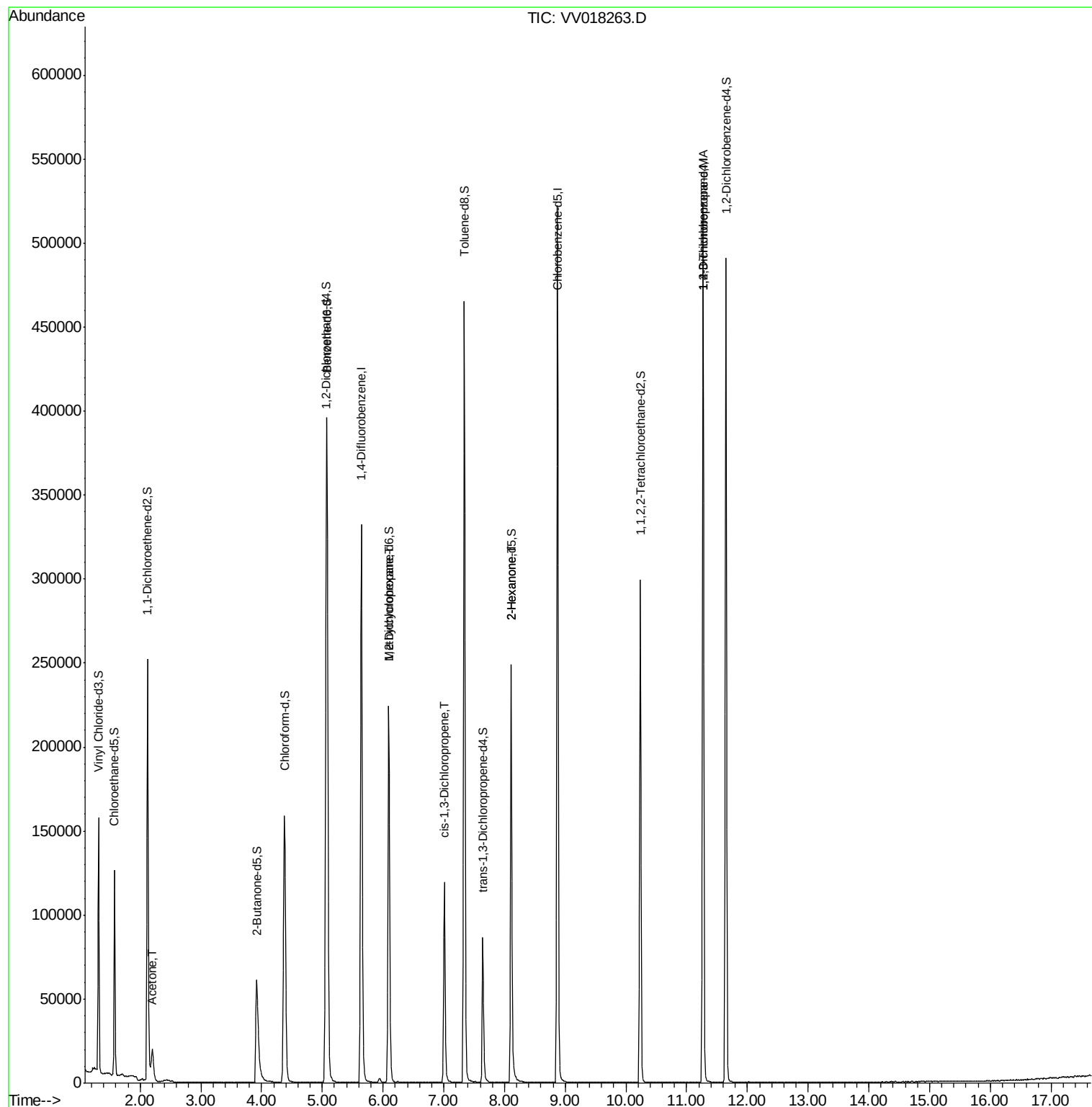
					Ovalue
13) Acetone	2.20	43	29689	26.613	ug/L 99
35) Methylcyclohexane	6.09	83	26276	8.069	ug/L # 17
39) cis-1,3-Dichloropropene	7.01	75	2687	0.829	ug/L # 64
48) 2-Hexanone	8.11	43	10022	4.981	ug/L # 68
59) 1,2,3-Trichloropropane	11.27	75	14958	6.045	ug/L 90

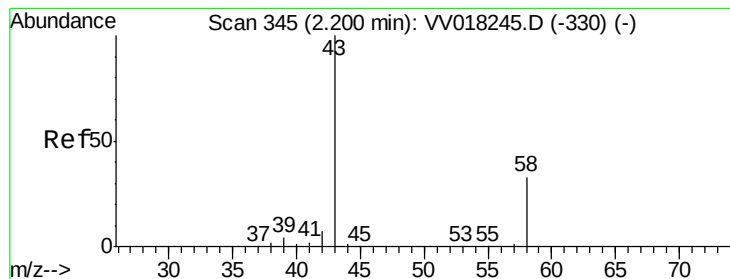
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 26.613 ug/L

RT: 2.20 min Scan# 345

Delta R.T. -0.00 min

Lab File: VV018263.D

Acq: 17 Sep 2020 02:20

Instrument :

MSVOA_V

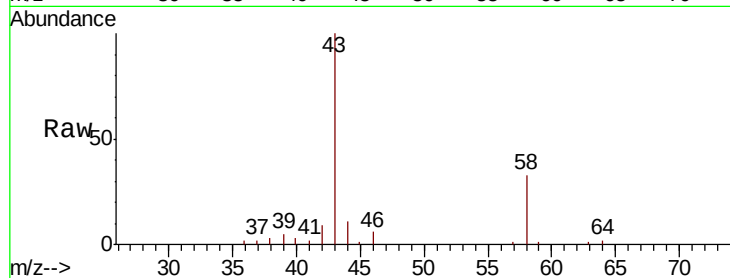
ClientSampleId :

Tot Ion: 43 Resp: 29689

Ion Ratio Lower Upper

43 100

58 33.4 0.0 67.4



Abundance Ion 43.00 (42.70 to 43.70): VV018245.D (-330) (-)

Ion 58.00 (57.70 to 58.70): VV018245.D (-330) (-)

2.20

12000

10000

8000

6000

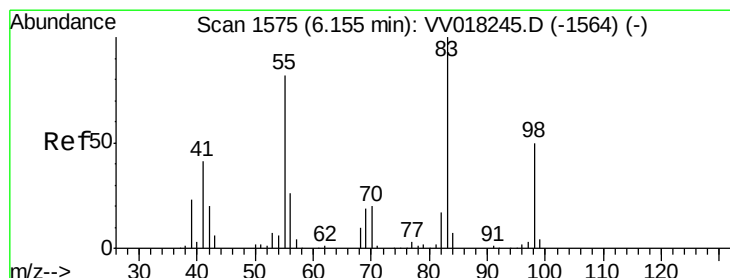
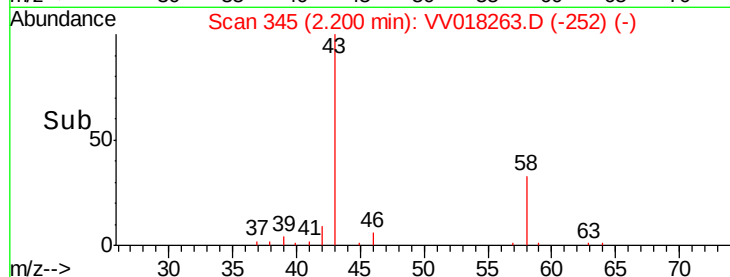
4000

2000

0

Time-->

2.10 2.15 2.20 2.25 2.30



#35

Methylcyclohexane

Concen: 8.069 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.06 min

Lab File: VV018263.D

Acq: 17 Sep 2020 02:20

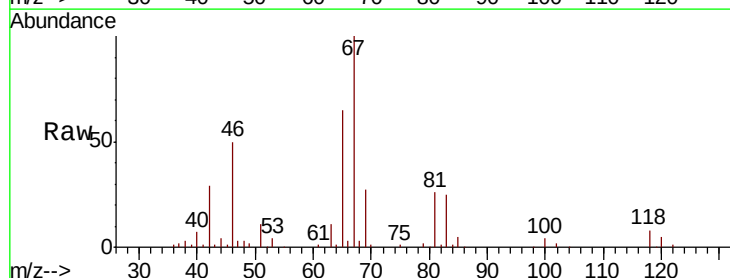
Tgt Ion: 83 Resp: 26276

Ion Ratio Lower Upper

83 100

55 0.2 63.4 95.2#

98 1.0 38.8 58.2#



Abundance Ion 83.00 (82.70 to 83.70): VV018245.D (-1564) (-)

Ion 55.00 (54.70 to 55.70): VV018245.D (-1564) (-)

Ion 98.00 (97.70 to 98.70): VV018245.D (-1564) (-)

6.09

15000

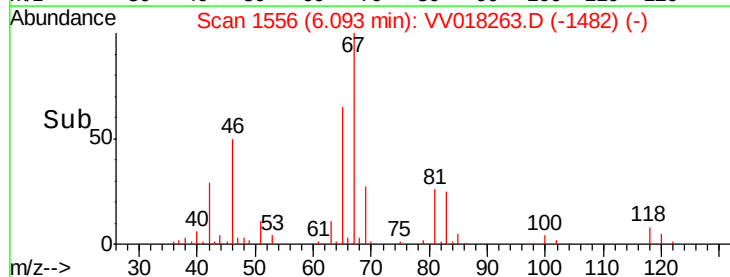
10000

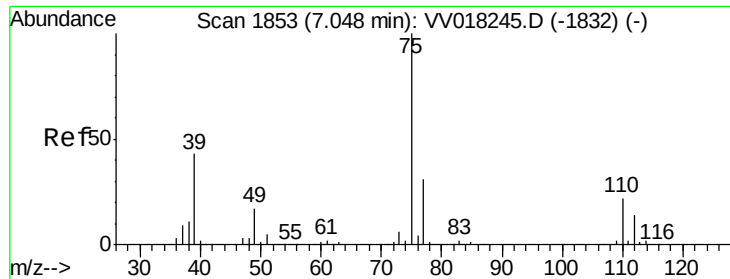
5000

0

Time-->

6.05 6.10 6.15 6.20

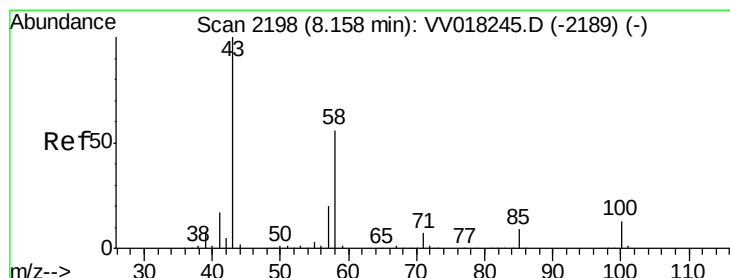
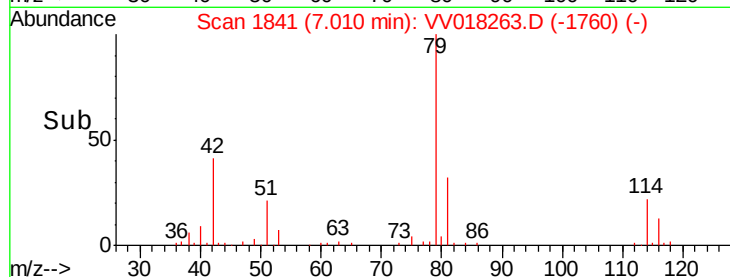
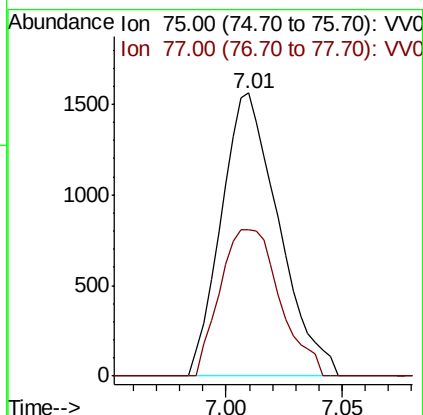
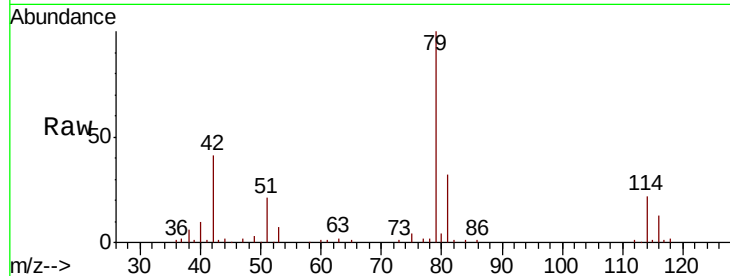




#39
 cis-1,3-Dichloropropene
 Concen: 0.829 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV018263.D
 Acq: 17 Sep 2020 02:20

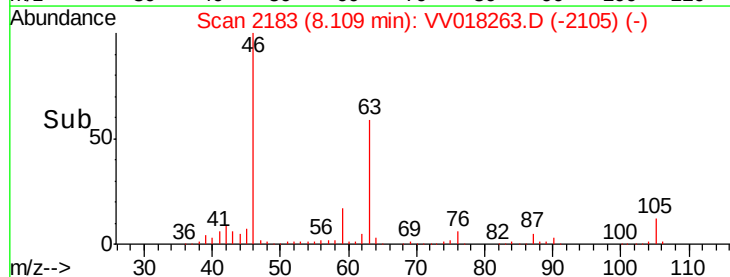
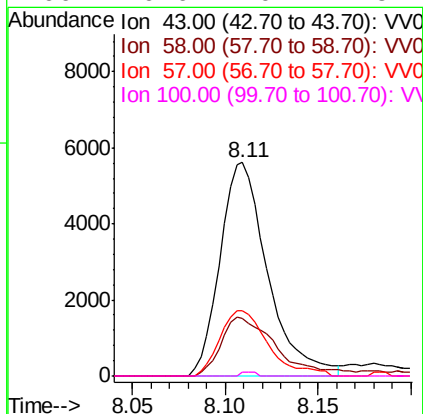
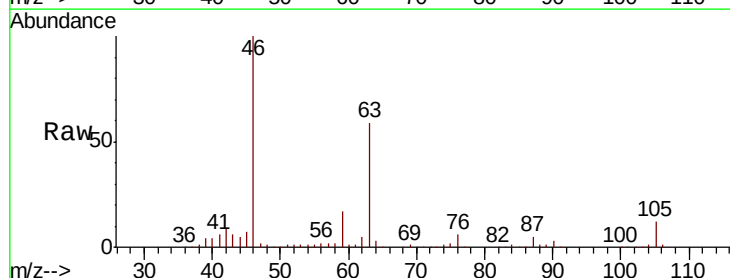
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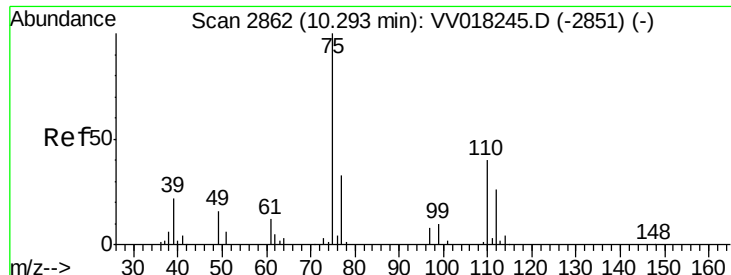
Tot Ion: 75 Resp: 2687
 Ion Ratio Lower Upper
 75 100
 77 51.9 22.3 41.3#



#48
 2-Hexanone
 Concen: 4.981 ug/L
 RT: 8.11 min Scan# 2183
 Delta R.T. -0.05 min
 Lab File: VV018263.D
 Acq: 17 Sep 2020 02:20

Tgt Ion: 43 Resp: 10022
 Ion Ratio Lower Upper
 43 100
 58 31.0 44.8 67.2#
 57 31.0 15.8 23.6#
 100 0.6 10.2 15.4#





#59
 1,2,3-Trichloropropane
 Concen: 6.045 ug/L
 RT: 11.27 min Scan# 3166
 Delta R.T. 0.98 min
 Lab File: VV018263.D
 Acq: 17 Sep 2020 02:20

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 75 Resp: 14958
 Ion Ratio Lower Upper
 75 100
 77 37.6 25.8 38.6

