

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060920\
 Data File : VV016732.D
 Acq On : 09 Jun 2020 21:11
 Operator : SY/MD
 Sample : L2914-16
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9E29

Quant Time: Jun 10 03:46:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 10 03:42:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	324723	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	306780	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	153883	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	83214	36.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.64%
7) Chloroethane-d5	1.55	69	62773	45.66	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.32%
11) 1,1-Dichloroethene-d2	2.11	63	115164	29.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.86%#
21) 2-Butanone-d5	3.90	46	165218	97.42	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.42%
24) Chloroform-d	4.37	84	207663	44.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.14%
26) 1,2-Dichloroethane-d4	5.05	65	148634	46.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.80%
32) Benzene-d6	5.07	84	396539	44.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.68%
36) 1,2-Dichloropropane-d6	6.09	67	126623	45.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.86%
41) Toluene-d8	7.34	98	348072	42.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.78%
43) trans-1,3-Dichloropropene-	7.64	79	57199	39.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.68%
47) 2-Hexanone-d5	8.11	63	113386	94.35	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.35%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	176095	48.26	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.52%
64) 1,2-Dichlorobenzene-d4	11.65	152	157032	47.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.64%

Target Compounds

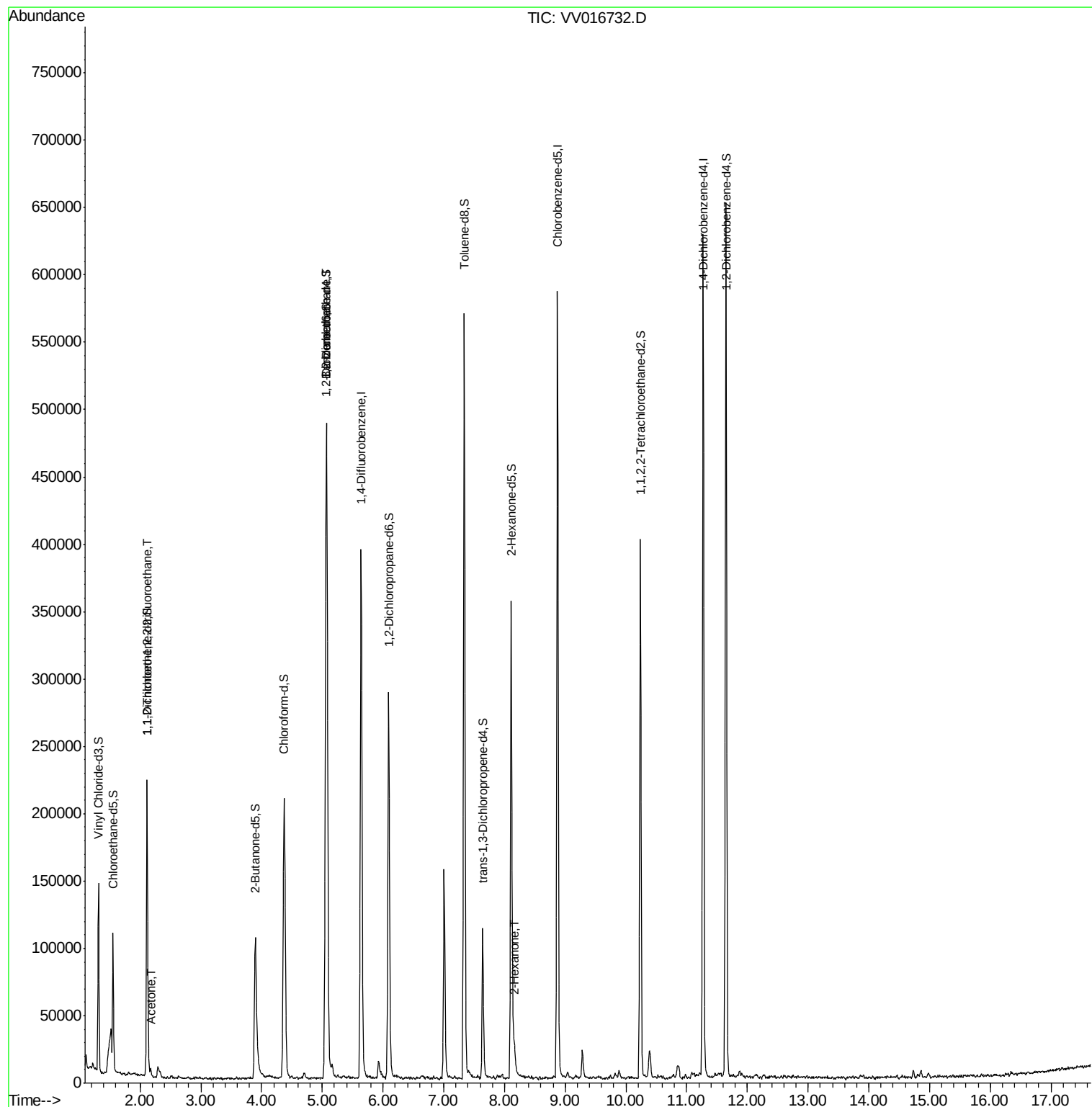
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	1272	0.737 ug/L #	19
13) Acetone	2.17	43	4753	4.254 ug/L	88
27) 1,2-Dichloroethane	5.07	62	3073	0.862 ug/L	96
48) 2-Hexanone	8.16	43	11740	4.527 ug/L #	81

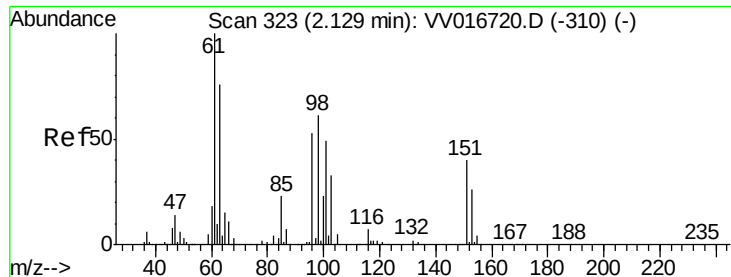
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.737 ug/L

RT: 2.11 min Scan# 318

Delta R.T. -0.02 min

Lab File: VV016732.D

Acq: 09 Jun 2020 21:11

Instrument :

MSVOA_V

ClientSampled :

F9E29

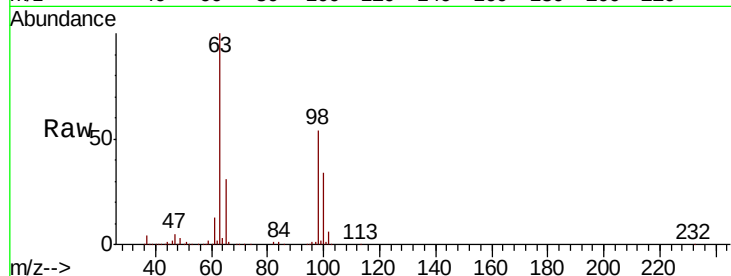
Tot Ion:101 Resp: 1272

Ion Ratio Lower Upper

101 100

85 3.3 35.5 53.3#

151 0.0 63.9 95.9#

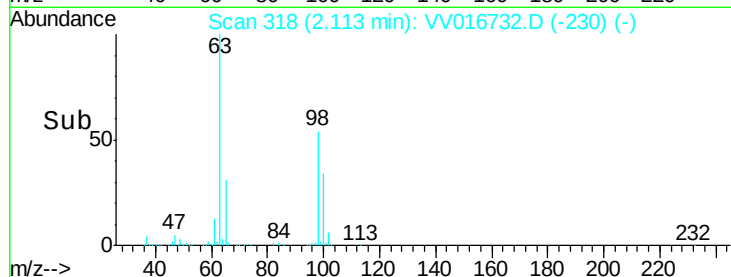


Abundance Ion 101.00 (100.70 to 101.70): VV016732.D (-230) (-)

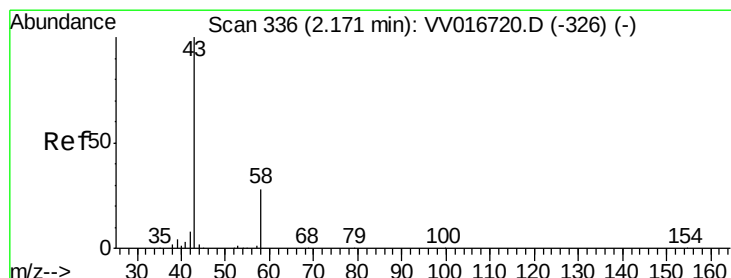
Ion 85.00 (84.70 to 85.70): VV016732.D (-230) (-)

Ion 151.00 (150.70 to 151.70): VV016732.D (-230) (-)

Time-->



Time-->



#13

Acetone

Concen: 4.254 ug/L

RT: 2.17 min Scan# 337

Delta R.T. 0.00 min

Lab File: VV016732.D

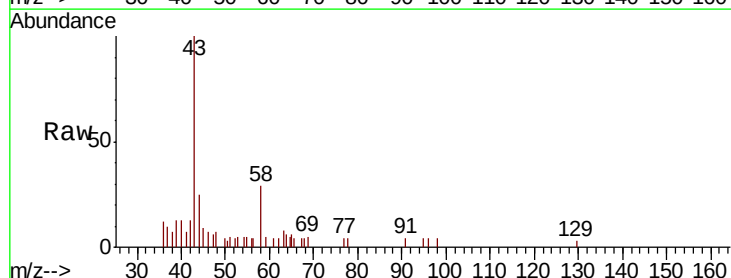
Acq: 09 Jun 2020 21:11

Tgt Ion: 43 Resp: 4753

Ion Ratio Lower Upper

43 100

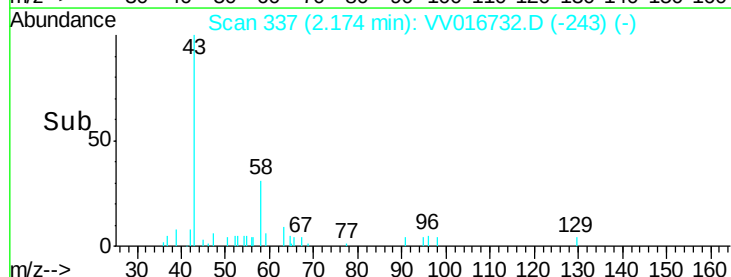
58 33.6 0.0 55.2



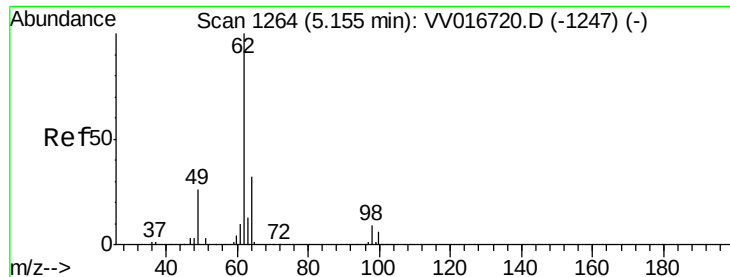
Abundance Ion 43.00 (42.70 to 43.70): VV016732.D (-243) (-)

Ion 58.00 (57.70 to 58.70): VV016732.D (-243) (-)

Time-->



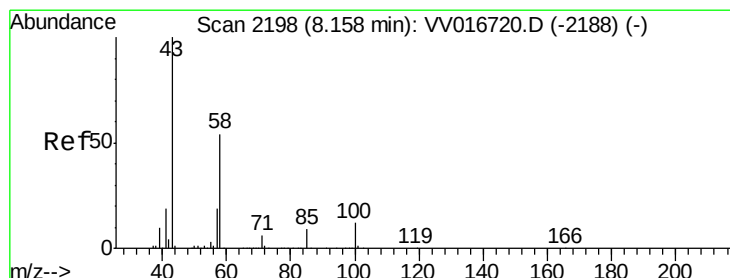
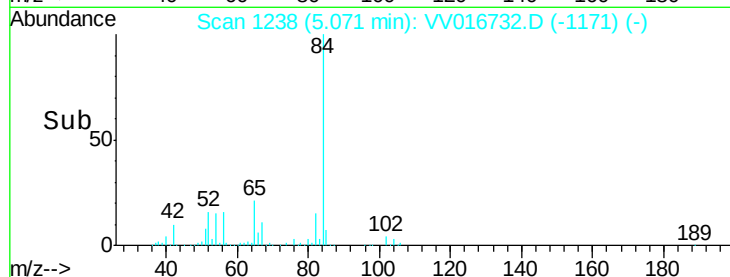
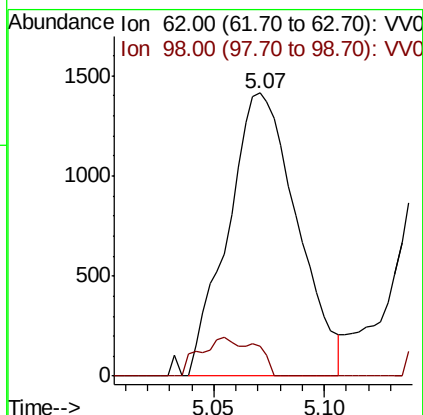
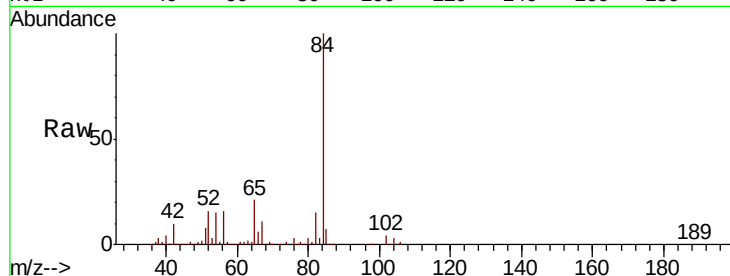
Time-->



#27
 1,2-Dichloroethane
 Concen: 0.862 ug/L
 RT: 5.07 min Scan# 1238
 Delta R.T. -0.08 min
 Lab File: VV016732.D
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Tot Ion: 62 Resp: 3073
 Ion Ratio Lower Upper
 62 100
 98 10.7 7.4 11.2



#48
 2-Hexanone
 Concen: 4.527 ug/L
 RT: 8.16 min Scan# 2200
 Delta R.T. 0.01 min
 Lab File: VV016732.D
 Acq: 09 Jun 2020 21:11

Tgt Ion: 43 Resp: 11740
 Ion Ratio Lower Upper
 43 100
 58 41.0 43.1 64.7#
 57 10.3 15.3 22.9#
 100 3.9 10.0 15.0#

