

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV051320\
 Data File : VV016037.D
 Acq On : 13 May 2020 13:49
 Operator : SY/MD
 Sample : L2542-15
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4218

Manual Integrations
 APPROVED

apatel
 5/15/2020 9:09:20 AM

Quant Time: May 14 03:08:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 14 02:25:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	152889	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	152328	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	68657	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	47369	5.71	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	114.20%
7) Chloroethane-d5	1.58	69	44075	5.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	112.20%
11) 1,1-Dichloroethene-d2	2.13	63	70285	3.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.80%
20) 2-Butanone-d5	3.94	46	116731	49.34	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.68%
24) Chloroform-d	4.38	84	94857	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.60%
26) 1,2-Dichloroethane-d4	5.06	65	52446	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.00%
32) Benzene-d6	5.08	84	183510	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.20%
36) 1,2-Dichloropropane-d6	6.10	67	56413	5.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.00%
41) Toluene-d8	7.34	98	161076	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.00%
45) trans-1,3-Dichloropropene-	7.65	79	17486	4.03	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.60%
48) 2-Hexanone-d5	8.12	63	87648	45.95	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.90%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	39263	5.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.00%
65) 1,2-Dichlorobenzene-d4	11.65	152	56572	5.08	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.60%

Target Compounds

				Ovalue	
13) Acetone	2.23	43	2969m	1.902	ug/L
17) Methyl tert-butyl Ether	2.79	73	2811	0.129	ug/L # 85
34) Trichloroethene	5.94	95	4497	0.411	ug/L 94
49) Tetrachloroethene	8.00	164	1370	0.179	ug/L # 67

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

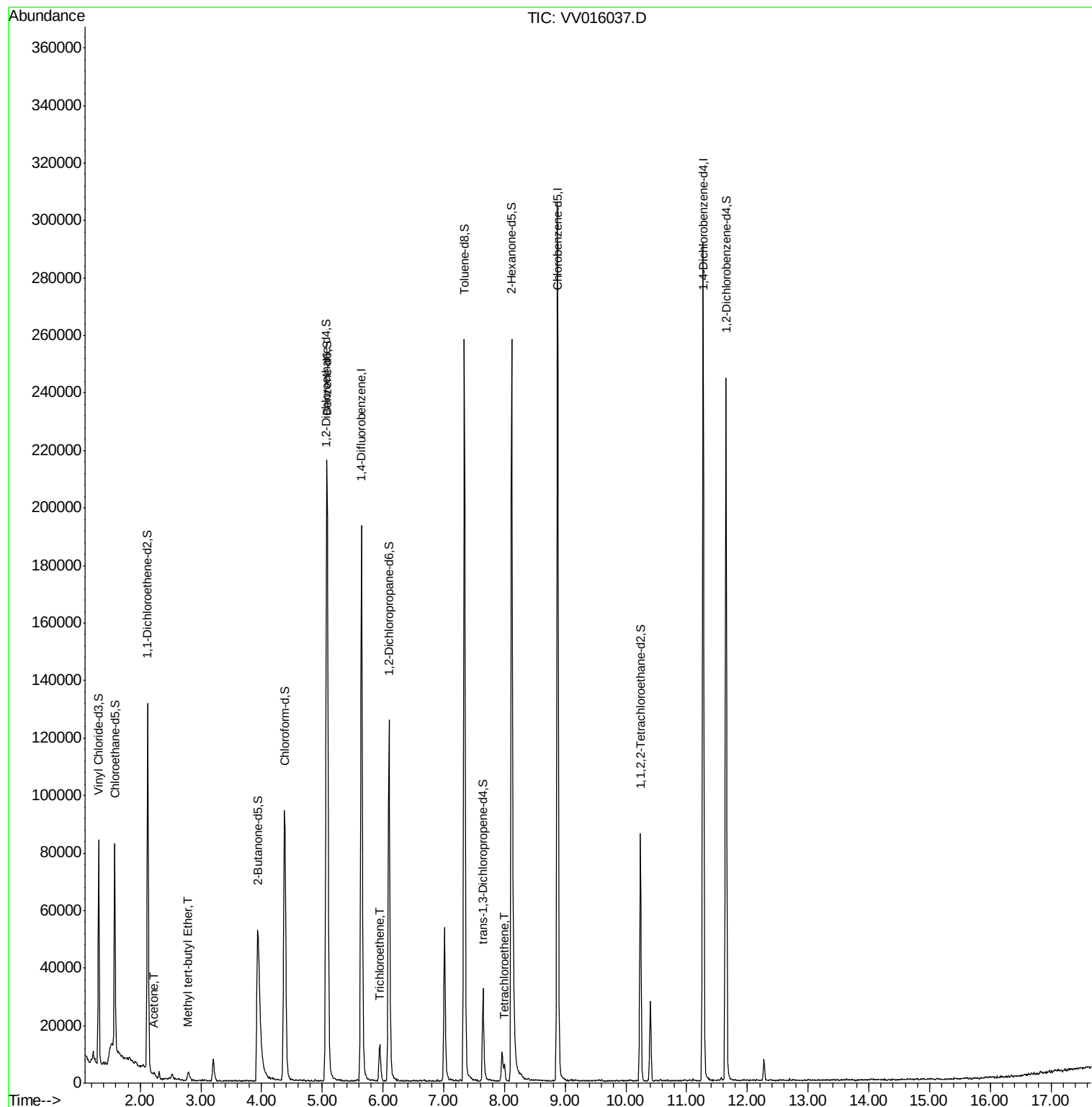
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV051320\
Data File : VV016037.D
Acq On : 13 May 2020 13:49
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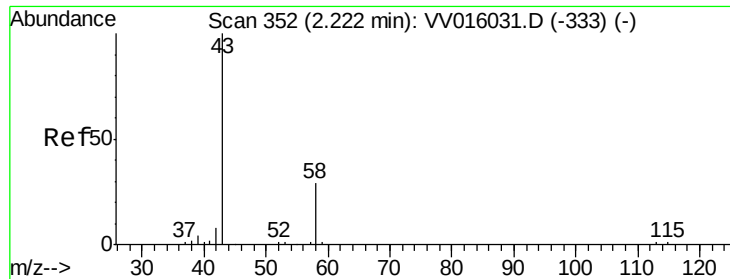
Instrument :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 14 02:25:38 2020
Response via : Initial Calibration





#13

Acetone

Concen: 1.902 ug/L m

RT: 2.23 min Scan# 353

Delta R.T. 0.00 min

Lab File: VV016037.D

Acq: 13 May 2020 13:49

Instrument :

MSVOA_V

ClientSampled :

H4218

Tot Ion: 43 Resp: 2969

Ion Ratio Lower Upper

43 100

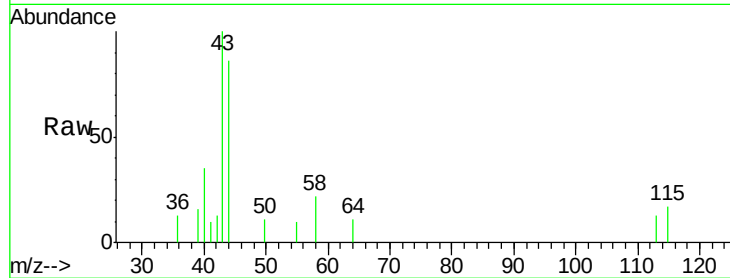
58 2.3 0.0 30.8

Manual Integrations

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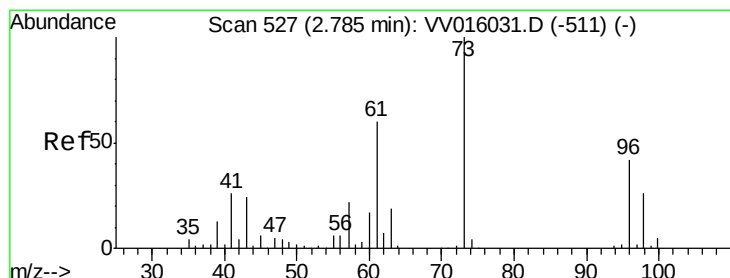
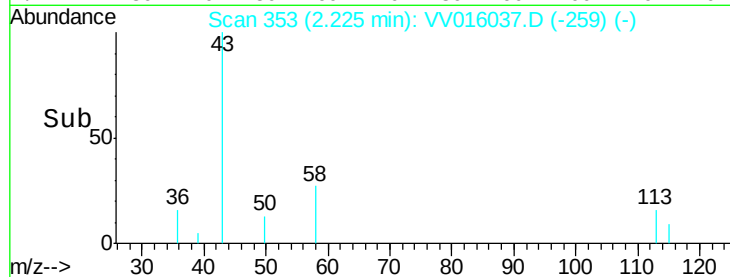


Abundance Ion 43.05 (42.75 to 43.75): VV016037.D (-259) (-)

Ion 58.05 (57.75 to 58.75): VV016037.D (-259) (-)

2.23

Time-->



#17

Methyl tert-butyl Ether

Concen: 0.129 ug/L

RT: 2.79 min Scan# 529

Delta R.T. 0.01 min

Lab File: VV016037.D

Acq: 13 May 2020 13:49

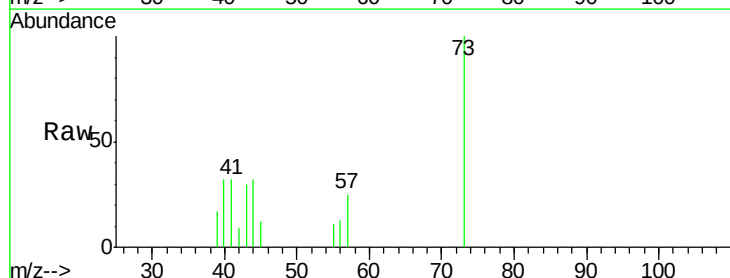
Tgt Ion: 73 Resp: 2811

Ion Ratio Lower Upper

73 100

43 34.2 18.8 28.2#

57 25.6 17.8 26.6



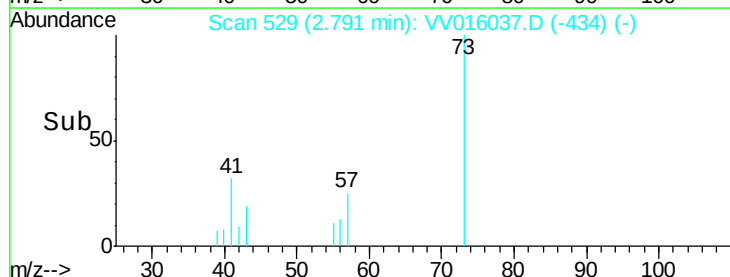
Abundance Ion 73.10 (72.80 to 73.80): VV016037.D (-434) (-)

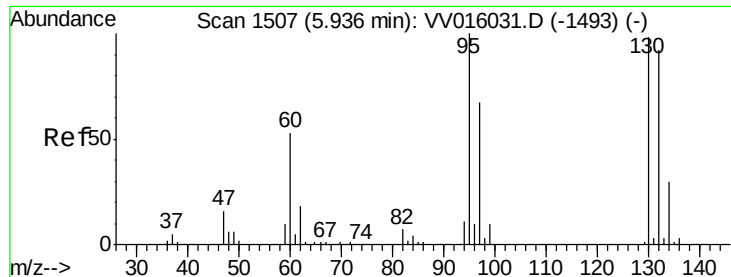
Ion 43.05 (42.75 to 43.75): VV016037.D (-434) (-)

Ion 57.10 (56.80 to 57.80): VV016037.D (-434) (-)

2.79

Time-->





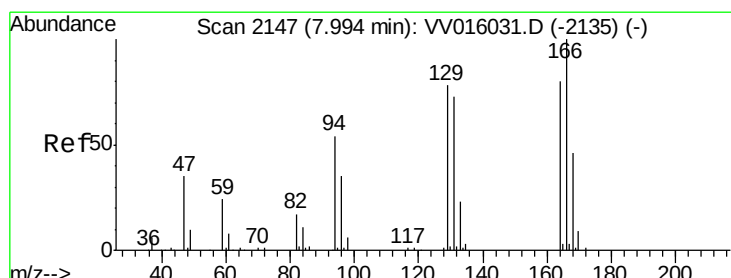
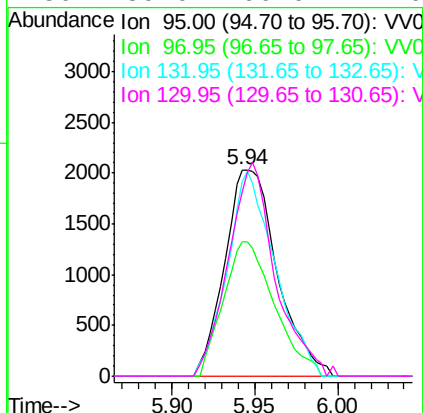
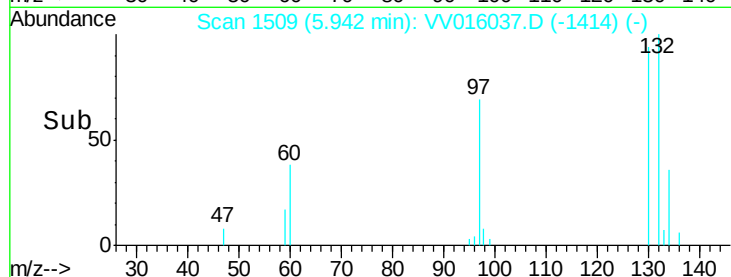
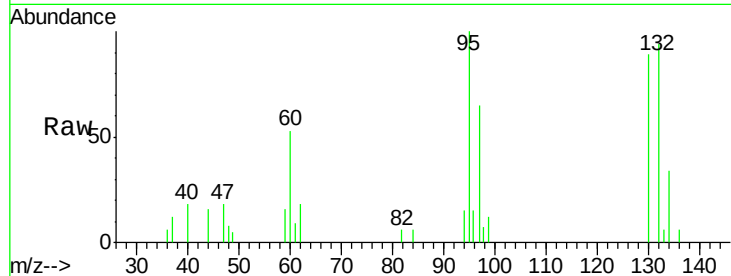
#34
 Trichloroethene
 Concen: 0.411 ug/L
 RT: 5.94 min Scan# 1509
 Delta R.T. 0.01 min
 Lab File: VV016037.D
 Acq: 13 May 2020 13:49

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Tot Ion:	95	Resp:	4497
Ion	Ratio	Lower	Upper
95	100		
97	65.0	43.3	80.5
132	94.4	60.3	112.1
130	89.0	66.0	122.6

Manual Integrations
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#49
 Tetrachloroethene
 Concen: 0.179 ug/L
 RT: 8.00 min Scan# 2149
 Delta R.T. 0.01 min
 Lab File: VV016037.D
 Acq: 13 May 2020 13:49

Tgt Ion:	164	Resp:	1370
Ion	Ratio	Lower	Upper
164	100		
129	60.1	69.7	129.4#
131	78.4	66.8	124.2
166	82.4	89.1	165.5#

