

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV041420\
 Data File : VV015462.D
 Acq On : 14 Apr 2020 15:42
 Operator : SY/MD
 Sample : L2273-04
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YAQ82

Manual Integrations
 APPROVED

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 4/15/2020 11:27:31 AM

Quant Time: Apr 15 03:15:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Apr 15 02:17:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	110697	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	105408	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	51814	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	33312	5.80	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	116.00%
7) Chloroethane-d5	1.58	69	29166	5.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.40%
11) 1,1-Dichloroethene-d2	2.12	63	45760	3.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.60%
20) 2-Butanone-d5	3.93	46	76794	47.62	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.24%
24) Chloroform-d	4.38	84	61592	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
26) 1,2-Dichloroethane-d4	5.06	65	32930	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
32) Benzene-d6	5.08	84	122141	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.40%
36) 1,2-Dichloropropane-d6	6.10	67	36892	5.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.40%
41) Toluene-d8	7.34	98	115036	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.00%
43) trans-1,3-Dichloropropene-	7.65	79	15901	5.02	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.40%
46) 2-Hexanone-d5	8.11	63	59861	39.19	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.38%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	25789	4.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.20%
64) 1,2-Dichlorobenzene-d4	11.65	152	41689	5.01	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.20%

Target Compounds					Ovalue
13) Acetone	2.20	43	4903m	4.303 ug/L	
25) Chloroform	4.41	83	3709	0.246 ug/L	88
47) Tetrachloroethene	8.00	164	25445	4.044 ug/L	97

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

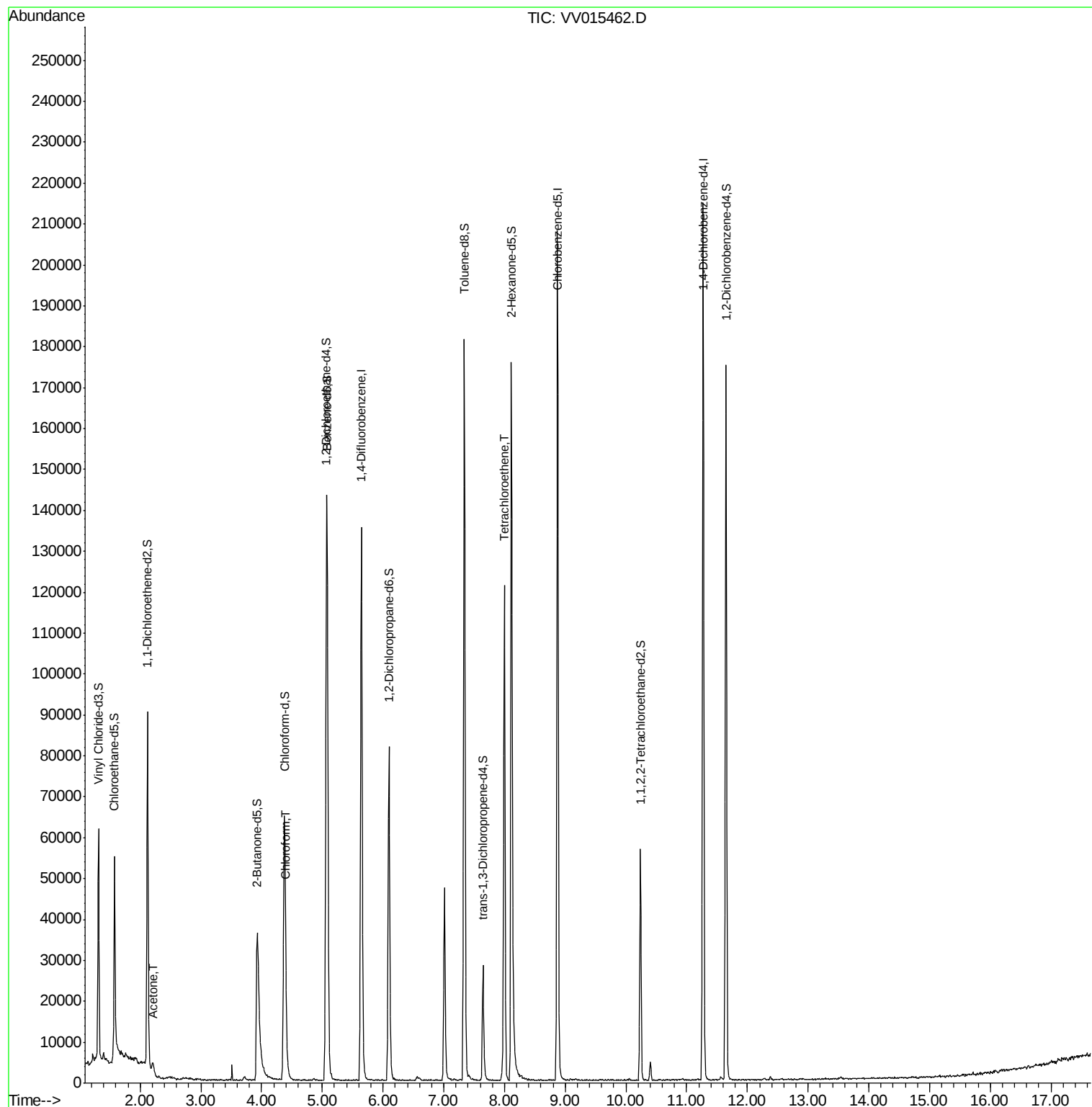
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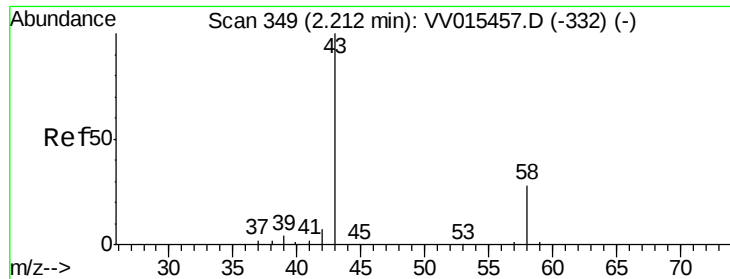
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#13

Acetone

Concen: 4.303 ug/L m

RT: 2.20 min Scan# 345

Delta R.T. -0.01 min

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Acq: 14 Apr 2020 15:42

Instrument :

MSVOA_V

ClientSampleId :

YAQ82

Tot Ion: 43 Resp: 4903

Ion Ratio Lower Upper

43 100

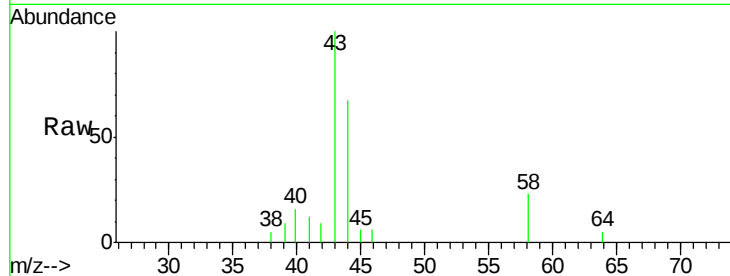
58 31.1 0.0 22.2#

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Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

2.20

1500

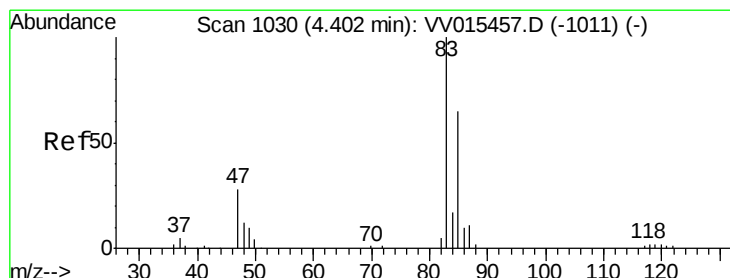
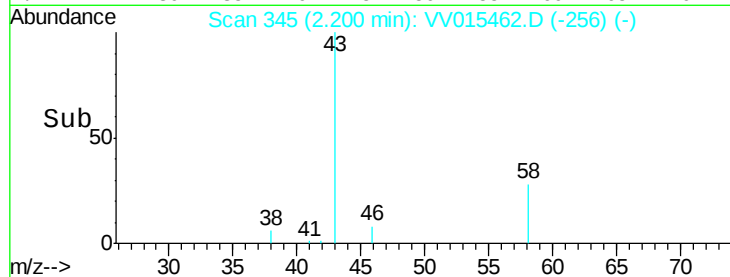
1000

500

0

Time-->

2.15 2.20 2.25 2.30



#25

Chloroform

Concen: 0.246 ug/L

RT: 4.41 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VV015462.D

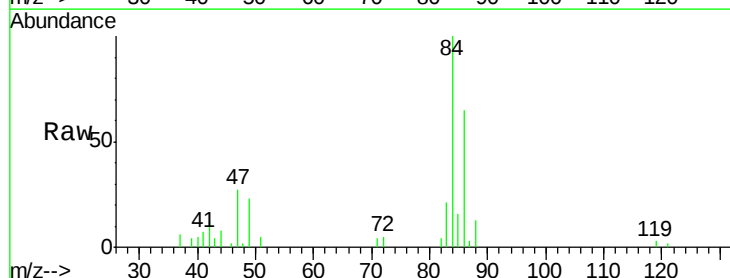
Acq: 14 Apr 2020 15:42

Tgt Ion: 83 Resp: 3709

Ion Ratio Lower Upper

83 100

85 75.2 45.9 85.3



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0

1500

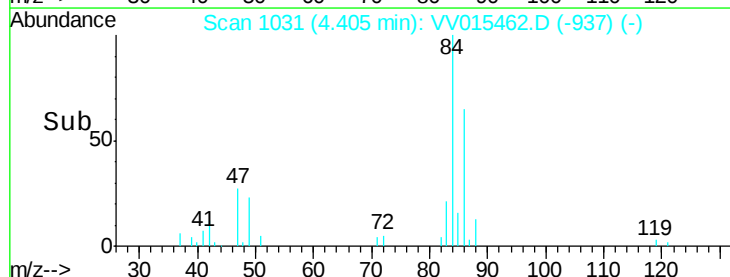
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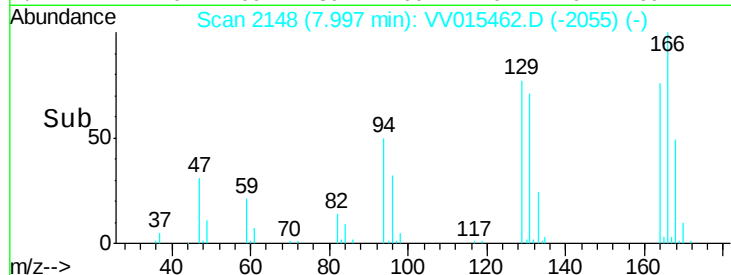
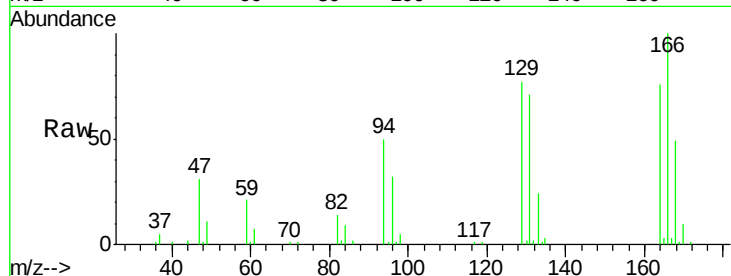
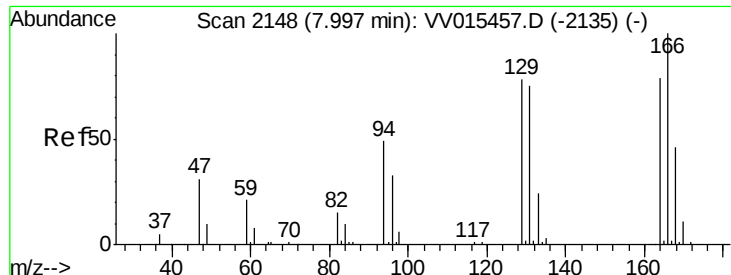
500

0

Time-->

4.35 4.40 4.45





#47

Tetrachloroethene

Concen: 4.044 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

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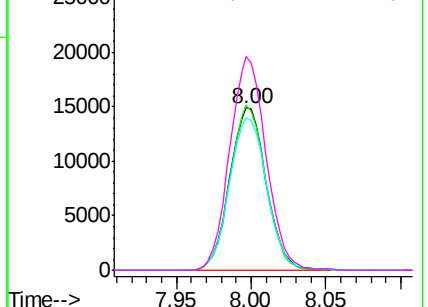
Tot Ion:	164	Resp:	25445
Ion Ratio	Lower	Upper	
164	100		
129	101.4	70.6	131.0
131	93.8	68.3	126.8
166	131.6	88.3	163.9

Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



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