

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV051220\
 Data File : VV016024.D
 Acq On : 12 May 2020 19:22
 Operator : SY/MD
 Sample : L2542-05
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4210

Manual Integrations
 APPROVED

sam
 5/13/2020 1:58:19 PM

Quant Time: May 13 08:35:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed May 13 06:55:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	135431	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	134071	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	61978	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	27925	3.80	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.00%
7) Chloroethane-d5	1.58	69	30041	4.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.20%
11) 1,1-Dichloroethene-d2	2.12	63	48725	3.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.60%
20) 2-Butanone-d5	3.93	46	109732	52.36	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.72%
24) Chloroform-d	4.38	84	74207	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
26) 1,2-Dichloroethane-d4	5.06	65	46402	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.80%
32) Benzene-d6	5.08	84	148604	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
36) 1,2-Dichloropropane-d6	6.10	67	49076	5.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.80%
41) Toluene-d8	7.34	98	130863	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.80%
45) trans-1,3-Dichloropropene-	7.65	79	14410	3.77	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.40%
48) 2-Hexanone-d5	8.12	63	79888	47.58	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.16%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	35180	5.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.80%
65) 1,2-Dichlorobenzene-d4	11.65	152	50464	5.02	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.40%

Target Compounds					Ovalue
13) Acetone	2.22	43	4663m	3.373	ug/L
25) Chloroform	4.40	83	8030	0.460	ug/L
49) Tetrachloroethene	8.00	164	6868	1.022	ug/L

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

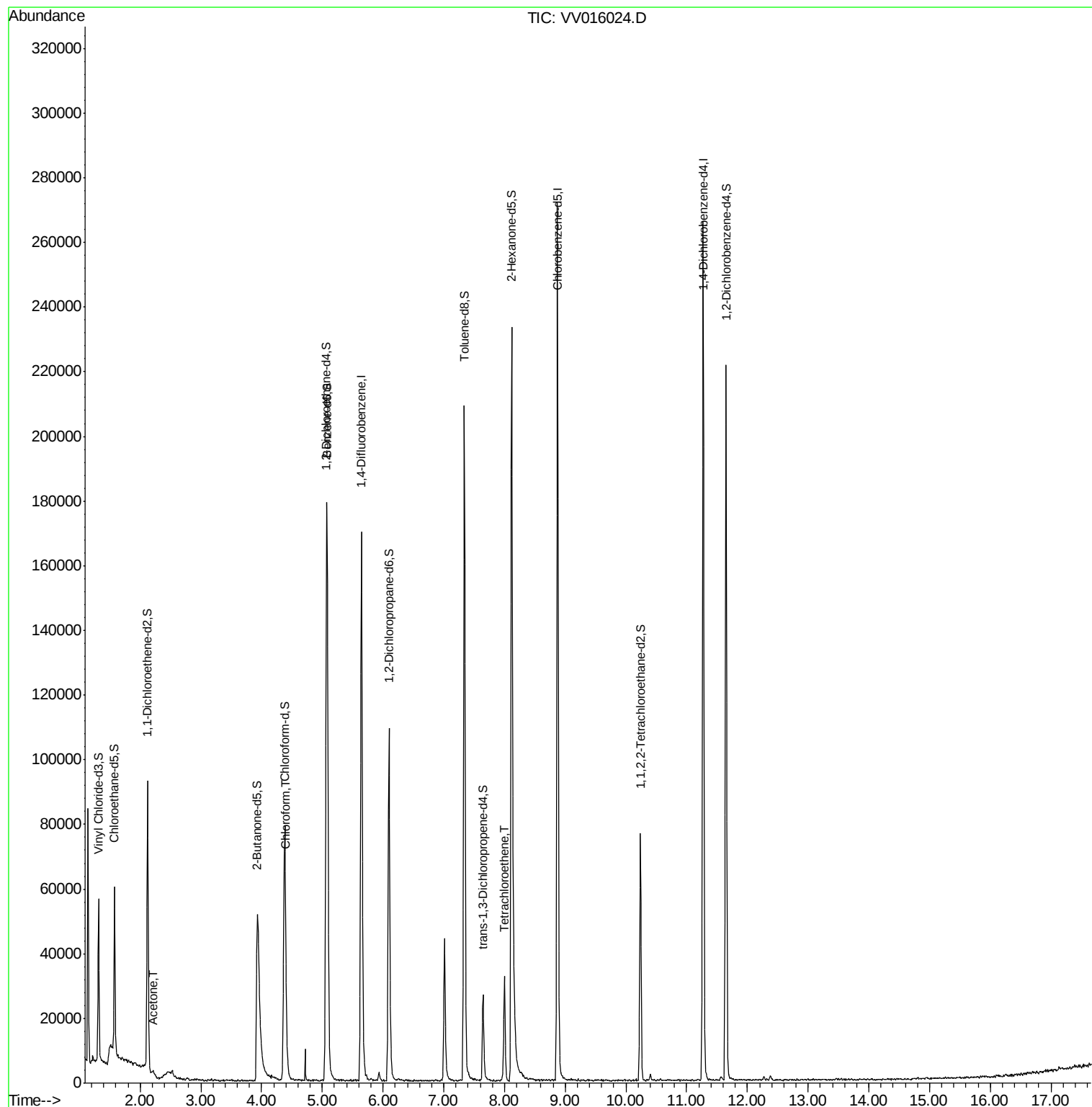
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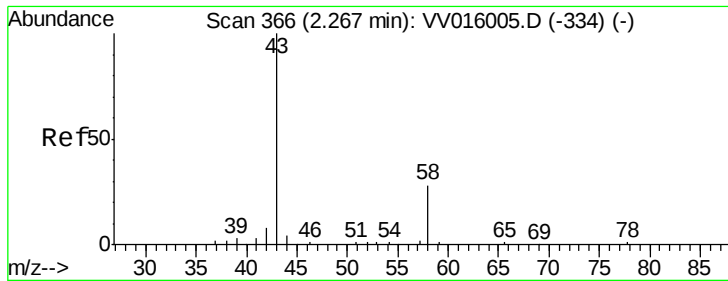
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Response via : Initial Calibration





#13

Acetone

Concen: 3.373 ug/L m

RT: 2.22 min Scan# 350

Delta R.T. -0.05 min

Lab File: VV016024.D

Acq: 12 May 2020 19:22

Instrument :

MSVOA_V

ClientSampled :

H4210

Tot Ion: 43 Resp: 4663

Ion Ratio Lower Upper

43 100

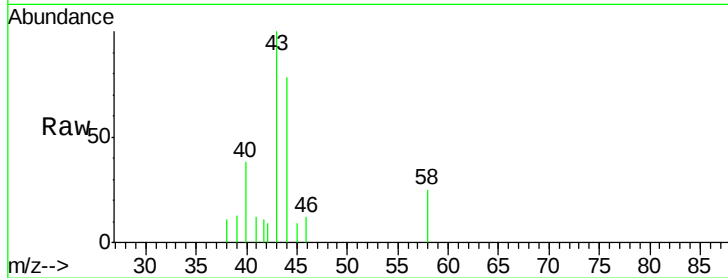
58 1.0 0.0 30.8

Manual Integrations

APPROVED

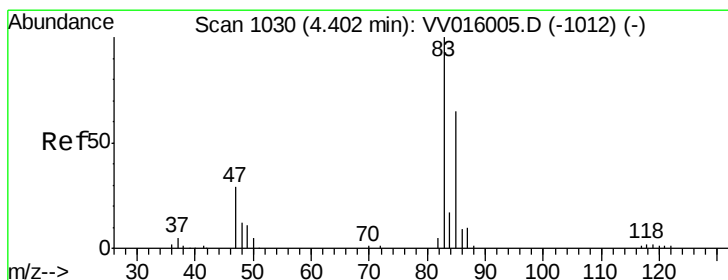
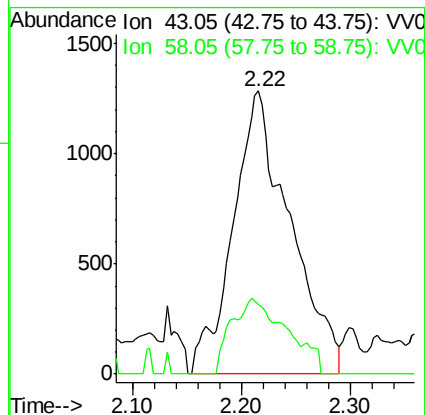
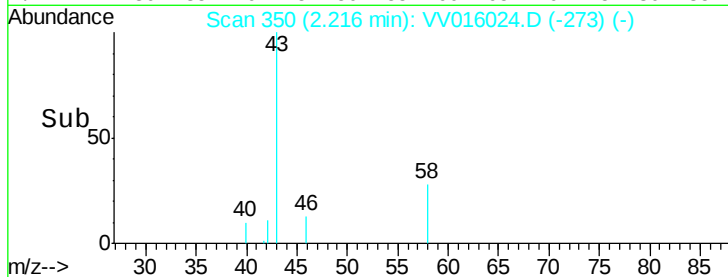
sam

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Abundance Ion 43.05 (42.75 to 43.75): VV016024.D (-273) (-)

Ion 58.05 (57.75 to 58.75): VV016024.D (-273) (-)



#25

Chloroform

Concen: 0.460 ug/L

RT: 4.40 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VV016024.D

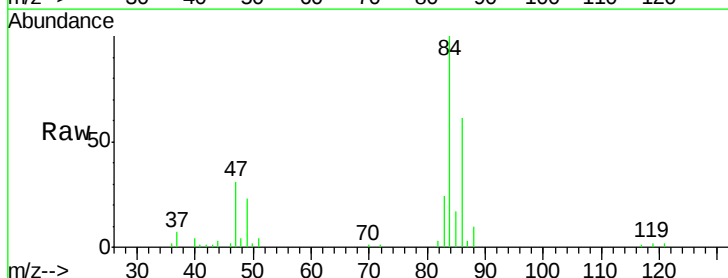
Acq: 12 May 2020 19:22

Tgt Ion: 83 Resp: 8030

Ion Ratio Lower Upper

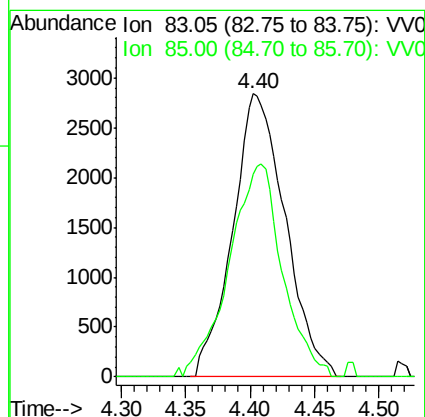
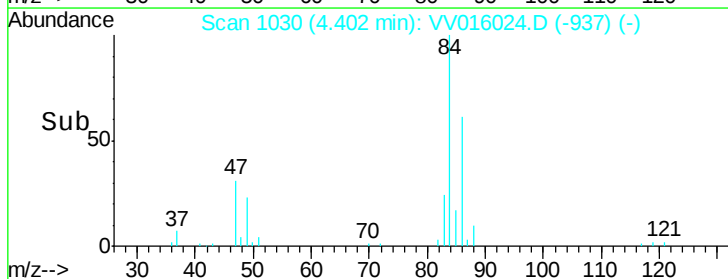
83 100

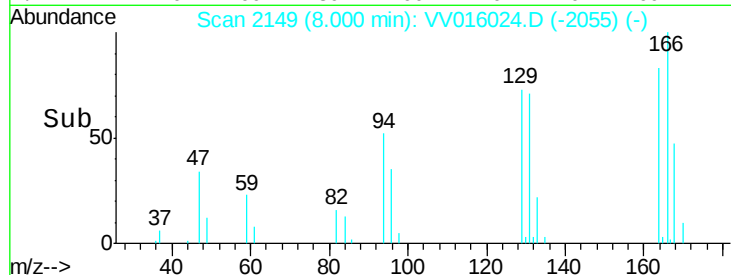
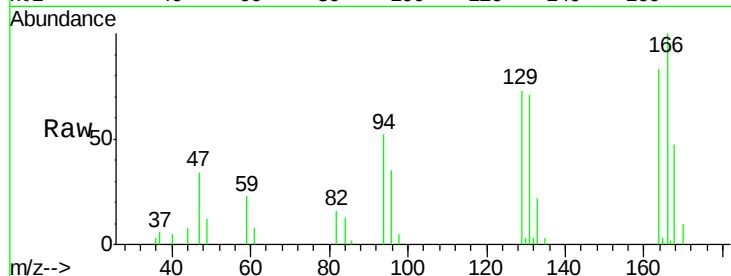
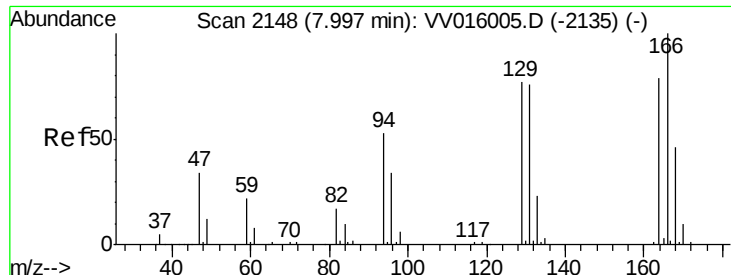
85 71.4 45.7 84.9



Abundance Ion 83.05 (82.75 to 83.75): VV016024.D (-937) (-)

Ion 85.00 (84.70 to 85.70): VV016024.D (-937) (-)





#49

Tetrachloroethene

Concen: 1.022 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.00 min

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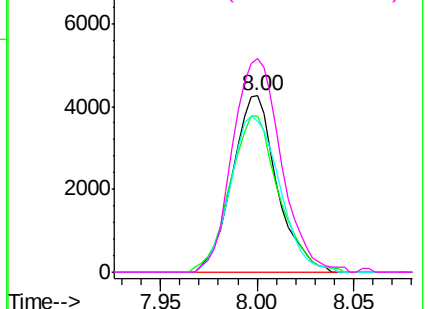
Tot Ion:	164	Resp:	6868
Ion Ratio	Lower	Upper	
164	100		
129	88.8	69.7	129.4
131	85.7	66.8	124.2
166	121.1	89.1	165.5

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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