

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071320\
 Data File : VV017463.D
 Acq On : 13 Jul 2020 12:31
 Operator : SY/MD
 Sample : L3270-17
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4A32

Manual Integrations
 APPROVED

MMDadoda
 7/14/2020 12:19:35 PM

Quant Time: Jul 14 05:52:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM070820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 14 05:08:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	186554	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	175971	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	84095	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	76372	78.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	157.28%#
7) Chloroethane-d5	1.58	69	58600	85.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	171.78%#
11) 1,1-Dichloroethene-d2	2.12	63	124958	56.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	113.64%
21) 2-Butanone-d5	3.91	46	96517	145.50	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	145.50%#
24) Chloroform-d	4.38	84	165133	73.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	147.02%#
26) 1,2-Dichloroethane-d4	5.06	65	121718	78.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	157.88%#
32) Benzene-d6	5.08	84	296116	77.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	155.80%#
36) 1,2-Dichloropropane-d6	6.09	67	83887	76.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	153.26%#
41) Toluene-d8	7.34	98	278138	76.11	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	152.22%#
43) trans-1,3-Dichloropropene-	7.64	79	49874	78.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	156.56%#
47) 2-Hexanone-d5	8.11	63	64421	143.40	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	143.40%#
57) 1,1,2,2-Tetrachloroethane-	10.24	84	103809	67.54	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	135.08%#
64) 1,2-Dichlorobenzene-d4	11.65	152	115413	82.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	164.16%#

Target Compounds

					Ovalue
13) Acetone	2.19	43	5923m	6.559	ug/L
19) 1,1-Dichloroethane	3.22	63	12554	5.603	ug/L
20) cis-1,2-Dichloroethene	3.94	96	196070	150.178	ug/L
34) Trichloroethene	5.94	95	3722	2.695	ug/L
46) Tetrachloroethene	8.00	164	12160	10.486	ug/L

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

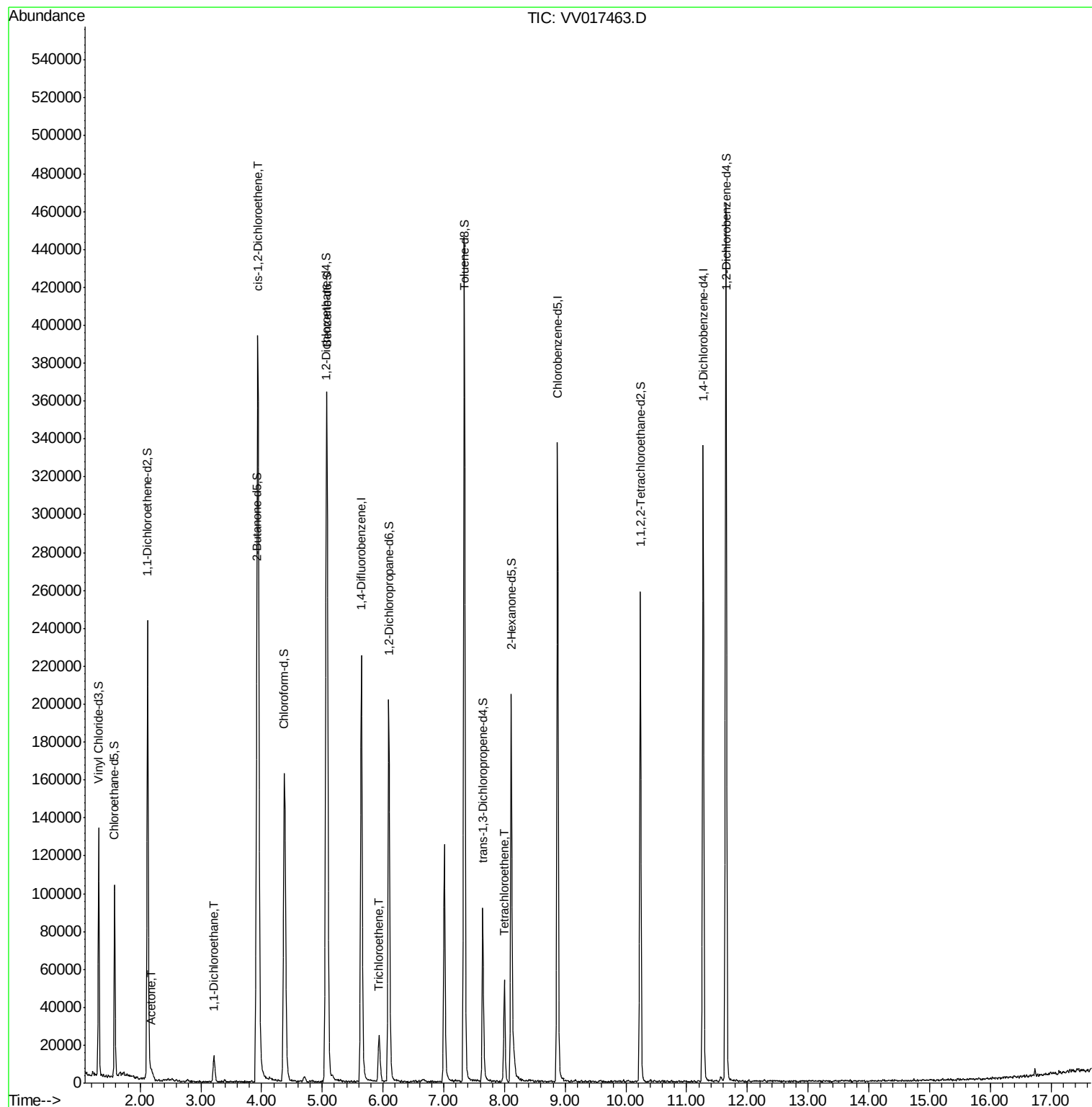
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV071320\
Data File : VV017463.D
Acq On : 13 Jul 2020 12:31
Operator : SY/MD
Sample : L3270-17
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 9 Sample Multiplier: 1

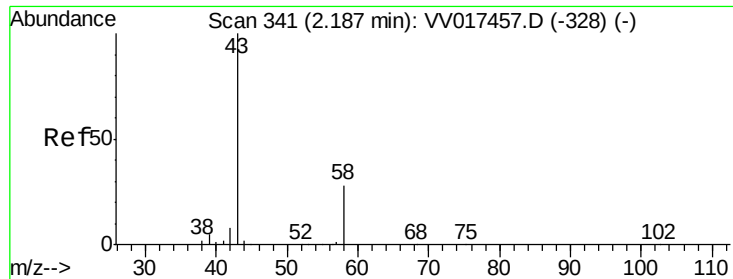
Instrument :
MSVOA_V
ClientSampled :
F4A32

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Quant Time: Jul 14 05:52:12 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM070820WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jul 14 05:08:48 2020
Response via : Initial Calibration





#13

Acetone

Concen: 6.559 ug/L m

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

Lab File: VV017463.D

Acq: 13 Jul 2020 12:31

Instrument :

MSVOA_V

ClientSampled :

F4A32

Tot Ion: 43 Resp: 5923

Ion Ratio Lower Upper

43 100

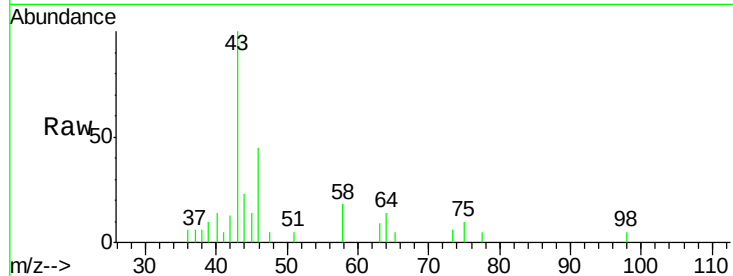
58 1.3 0.0 56.0

Manual Integrations

APPROVED

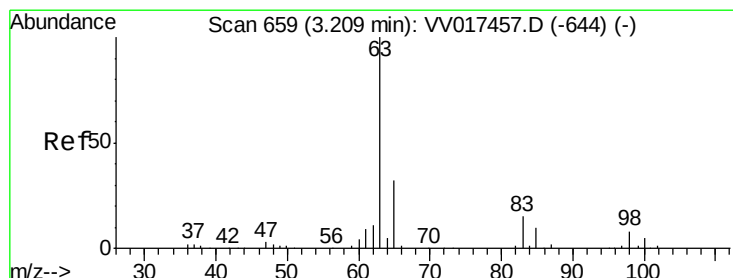
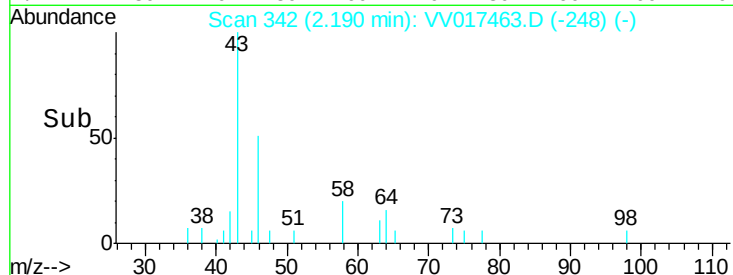
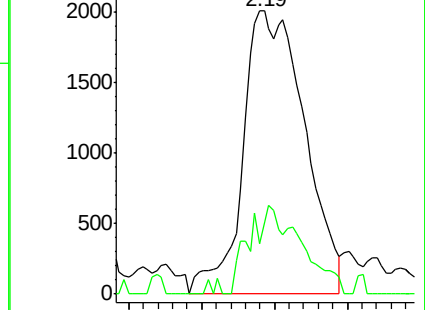
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Abundance Ion 43.00 (42.70 to 43.70): VV017457.D (-328) (-)

Ion 58.00 (57.70 to 58.70): VV017457.D (-328) (-)



#19

1,1-Dichloroethane

Concen: 5.603 ug/L

RT: 3.22 min Scan# 661

Delta R.T. 0.01 min

Lab File: VV017463.D

Acq: 13 Jul 2020 12:31

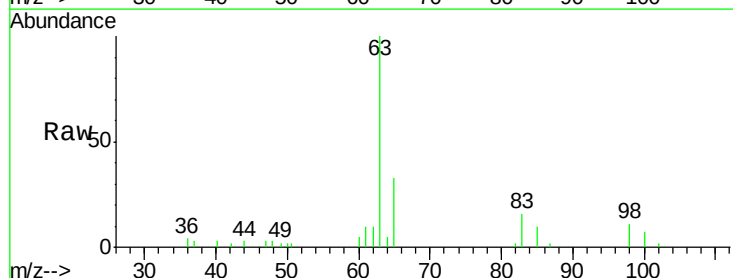
Tgt Ion: 63 Resp: 12554

Ion Ratio Lower Upper

63 100

65 33.1 22.1 41.1

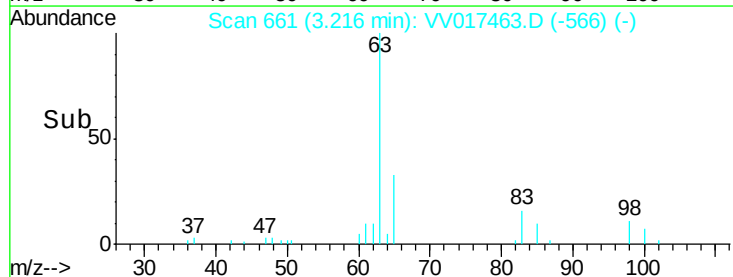
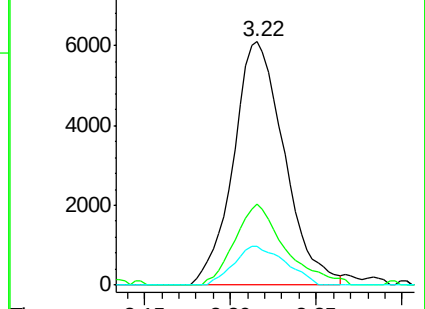
83 16.0 10.1 18.9

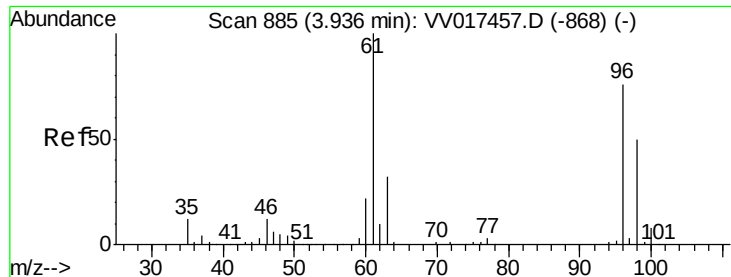


Abundance Ion 63.00 (62.70 to 63.70): VV017457.D (-644) (-)

Ion 65.00 (64.70 to 65.70): VV017457.D (-644) (-)

Ion 83.00 (82.70 to 83.70): VV017457.D (-644) (-)





#20

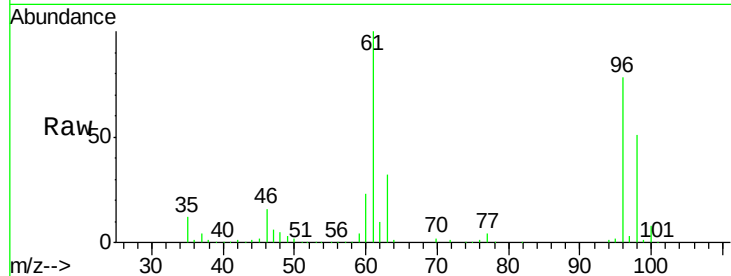
cis-1,2-Dichloroethene
Concen: 150.178 ug/L
RT: 3.94 min Scan# 886
Delta R.T. 0.00 min
Lab File: VV017463.D
Acq: 13 Jul 2020 12:31

Instrument :
MSVOA_V
ClientSampled :
F4A32

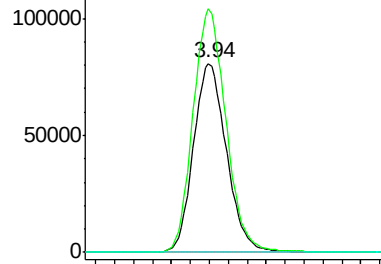
Tot Ion	Ratio	Resp	Lower	Upper
96	100	196070		
61	128.7		88.9	165.1
68	0.0		0.0	0.0

Manual Integrations
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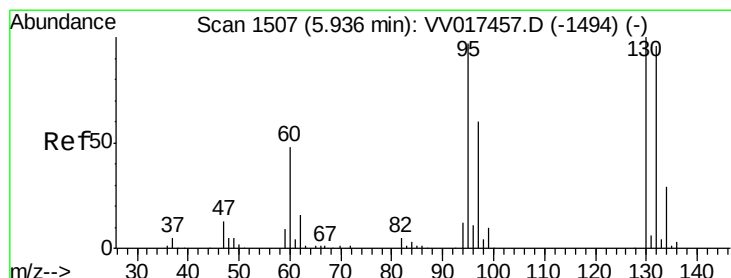
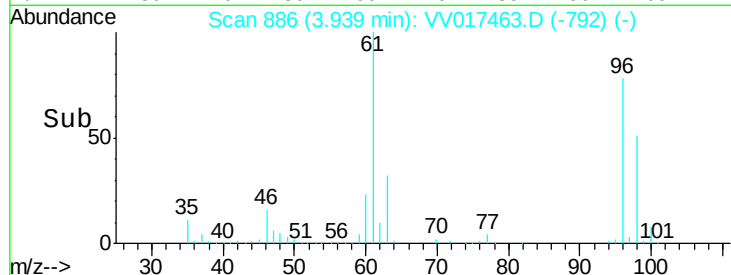
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Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.00 (60.70 to 61.70): VV0
Ion 68.00 (67.70 to 68.70): VV0



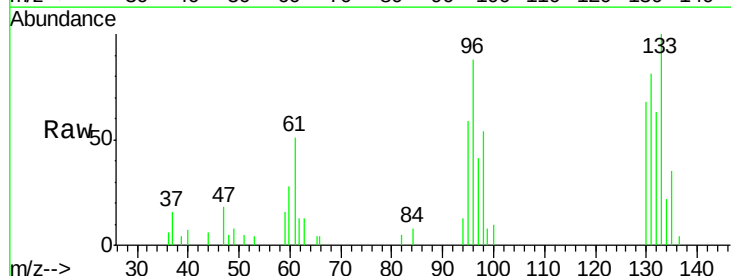
Time-->



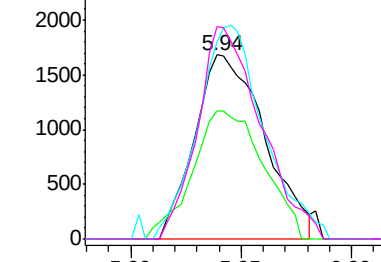
#34

Trichloroethene
Concen: 2.695 ug/L
RT: 5.94 min Scan# 1508
Delta R.T. 0.00 min
Lab File: VV017463.D
Acq: 13 Jul 2020 12:31

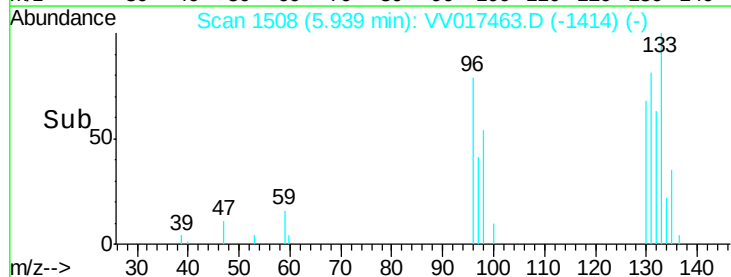
Tgt Ion	Ratio	Resp	Lower	Upper
95	100	3722		
97	69.5		45.6	84.6
132	107.4		74.1	137.5
130	115.8		75.5	140.3

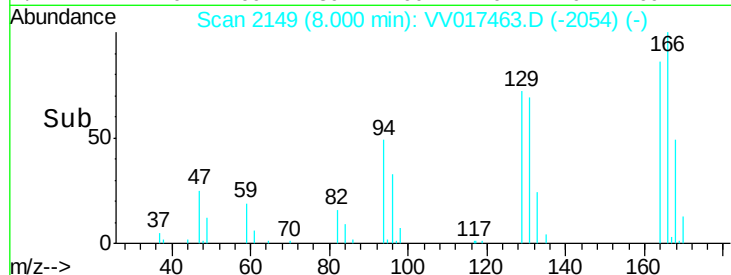
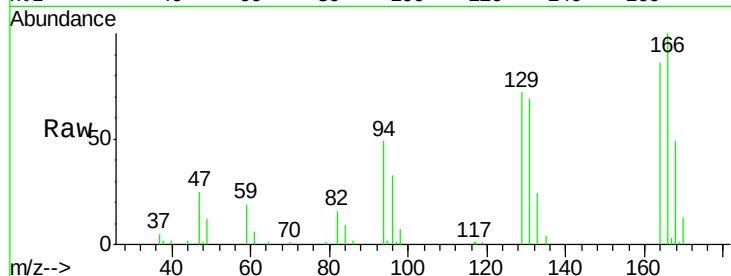
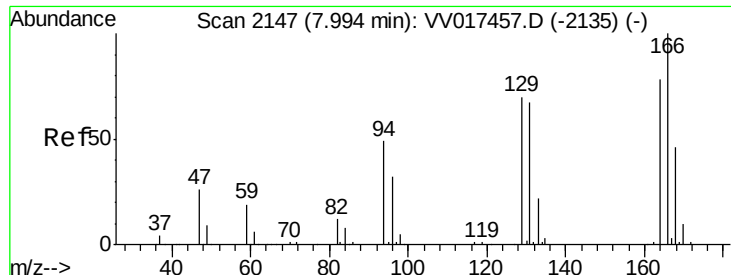


Abundance Ion 95.00 (94.70 to 95.70): VV0
Ion 97.00 (96.70 to 97.70): VV0
Ion 132.00 (131.70 to 132.70): VV0
Ion 130.00 (129.70 to 130.70): VV0



Time-->





#46

Tetrachloroethene

Concen: 10.486 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.01 min

Lab File: VV017463.D

Acq: 13 Jul 2020 12:31

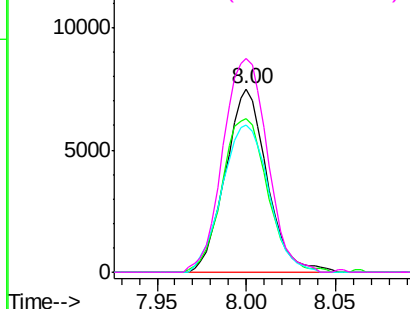
Tot Ion	Ratio	Lower	Upper
164	100		
129	83.8	66.6	123.8
131	80.5	65.5	121.7
166	116.7	93.9	174.5

Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



Instrument :
MSVOA_V
ClientSampleId :
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