

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV051420\
 Data File : VV016064.D
 Acq On : 14 May 2020 12:38
 Operator : SY/MD
 Sample : L2598-14
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4238

Manual Integrations
 APPROVED

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 5/15/2020 11:08:11 AM

Quant Time: May 15 07:25:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 15 06:27:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	145072	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	146214	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	66686	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	41947	5.33	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.60%
7) Chloroethane-d5	1.58	69	41799	5.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	112.00%
11) 1,1-Dichloroethene-d2	2.13	63	69046	4.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.60%
20) 2-Butanone-d5	3.94	46	119928	53.42	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.84%
24) Chloroform-d	4.38	84	91125	5.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.00%
26) 1,2-Dichloroethane-d4	5.06	65	50994	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.40%
32) Benzene-d6	5.08	84	176147	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.20%
36) 1,2-Dichloropropane-d6	6.10	67	55765	5.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.00%
41) Toluene-d8	7.34	98	153980	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.60%
45) trans-1,3-Dichloropropene-	7.65	79	18256	4.38	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.60%
48) 2-Hexanone-d5	8.12	63	89329	48.79	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.58%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	38837	5.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.00%
65) 1,2-Dichlorobenzene-d4	11.65	152	55688	5.14	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.80%

Target Compounds					Ovalue
12) 1,1-Dichloroethene	2.14	96	9760	1.223 ug/L	# 15
13) Acetone	2.22	43	3478m	2.349 ug/L	
25) Chloroform	4.41	83	4956	0.265 ug/L	85
34) Trichloroethene	5.95	95	2457	0.234 ug/L	92
49) Tetrachloroethene	8.00	164	16292	2.224 ug/L	97

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

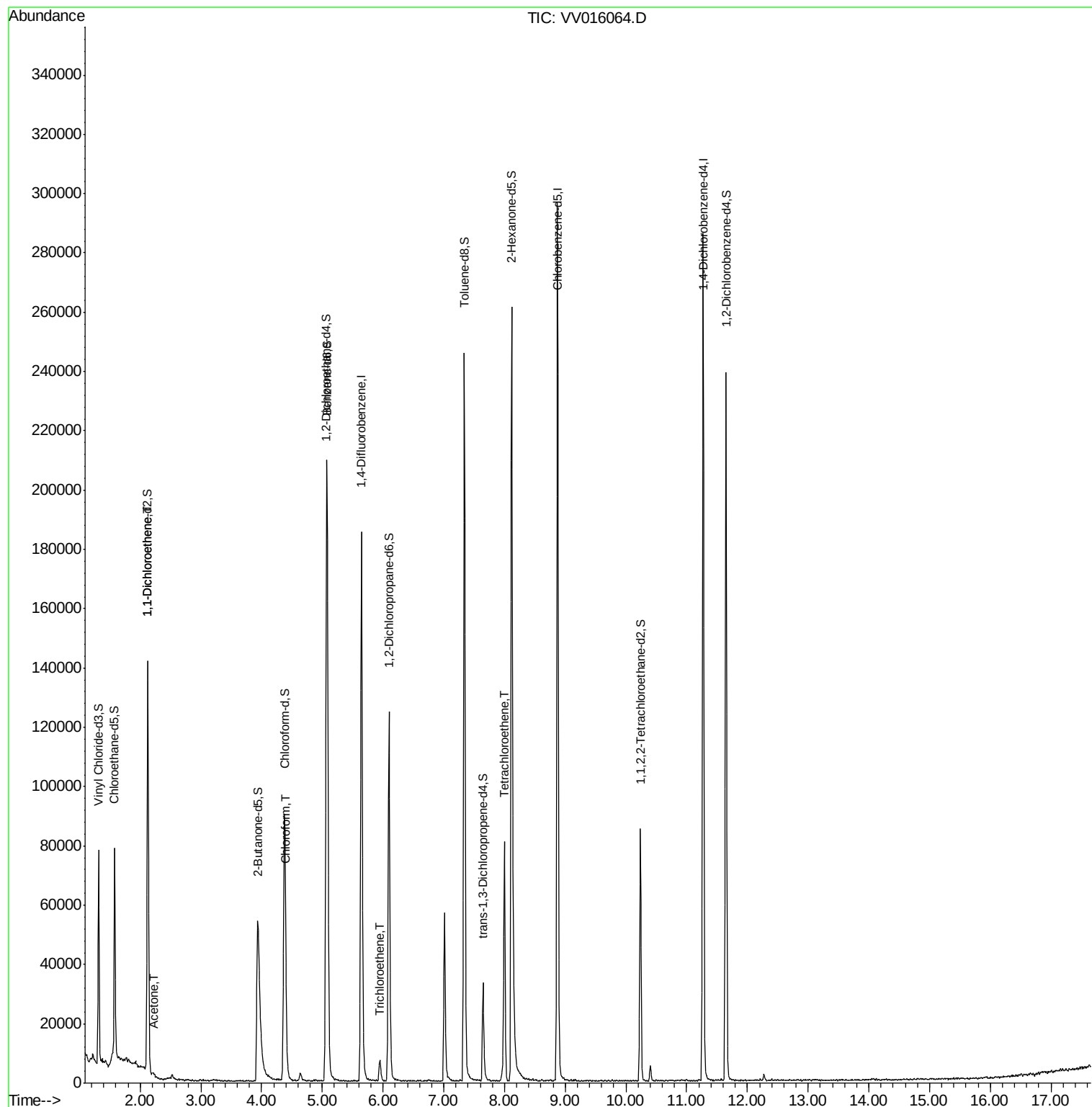
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV051420\
Data File : VV016064.D
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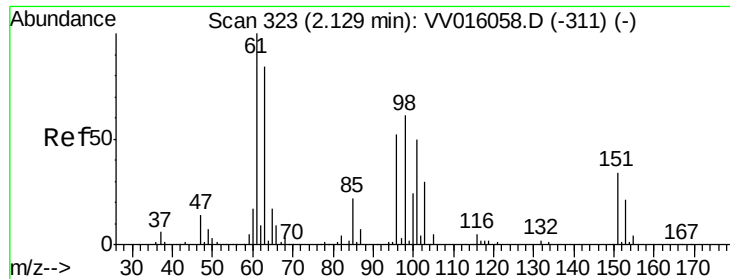
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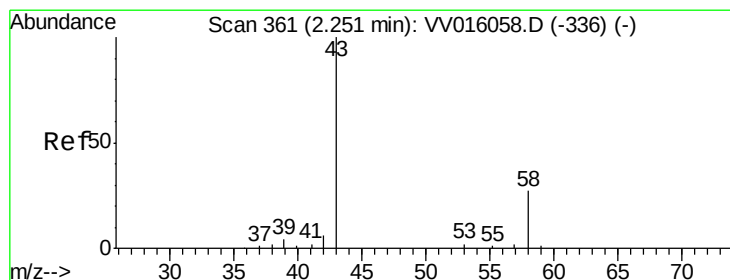
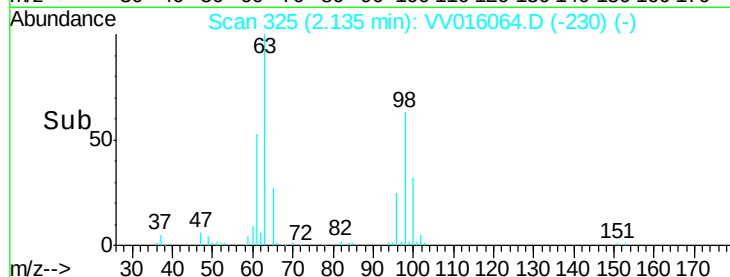
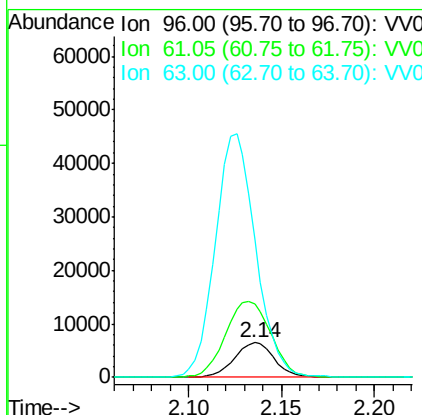
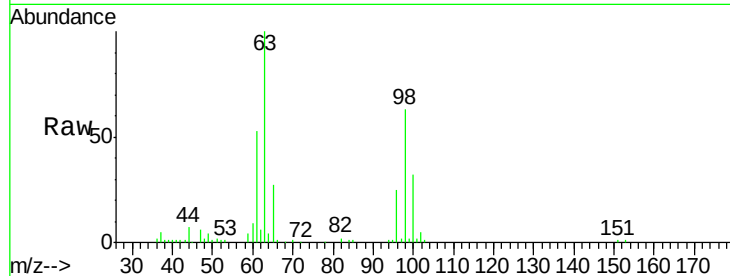
#12
 1,1-Dichloroethene
 Concen: 1.223 ug/L
 RT: 2.14 min Scan# 325
 Delta R.T. 0.01 min
 Lab File: VV016064.D
 Acq: 14 May 2020 12:38

Instrument :
 MSVOA_V
 ClientSampled :
 H4238

Tot Ion	Ratio	Lower	Upper
96	100		
61	209.7	139.9	259.7
63	392.5	106.4	197.6

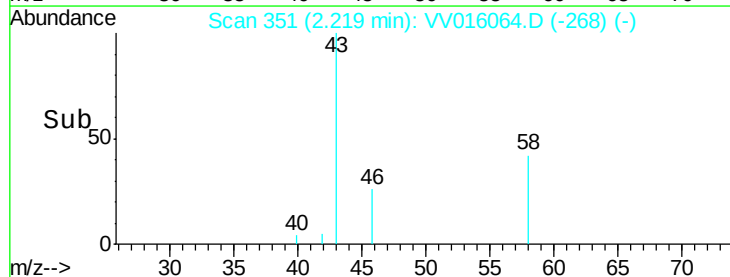
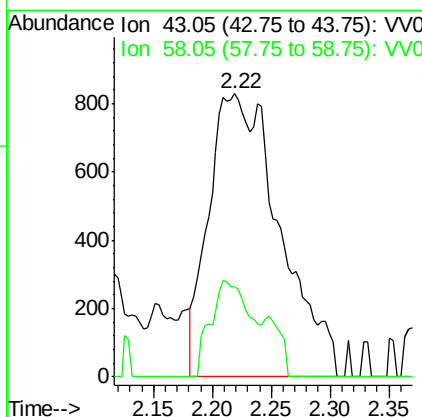
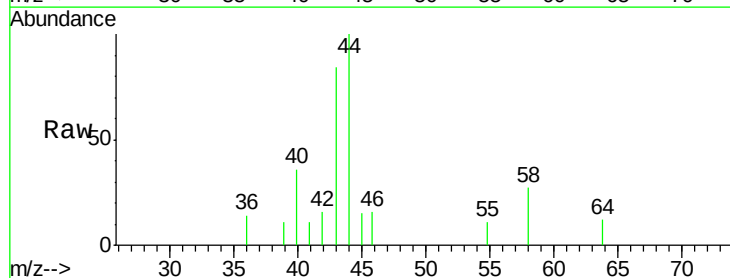
Manual Integrations
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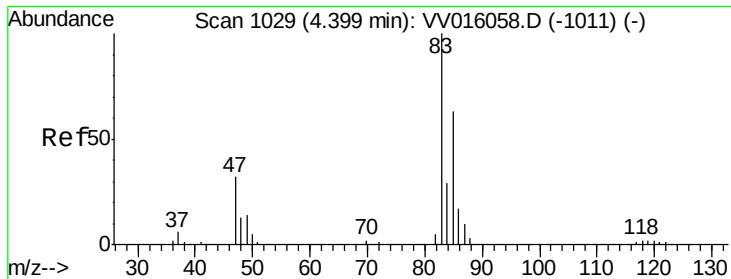
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#13
 Acetone
 Concen: 2.349 ug/L m
 RT: 2.22 min Scan# 351
 Delta R.T. -0.03 min
 Lab File: VV016064.D
 Acq: 14 May 2020 12:38

Tgt Ion	Ratio	Lower	Upper
43	100		
58	1.3	0.0	30.8





#25

Chloroform

Concen: 0.265 ug/L

RT: 4.41 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VV016064.D

Acq: 14 May 2020 12:38

Instrument :

MSVOA_V

ClientSampled :

H4238

Tot Ion: 83 Resp: 4956

Ion Ratio Lower Upper

83 100

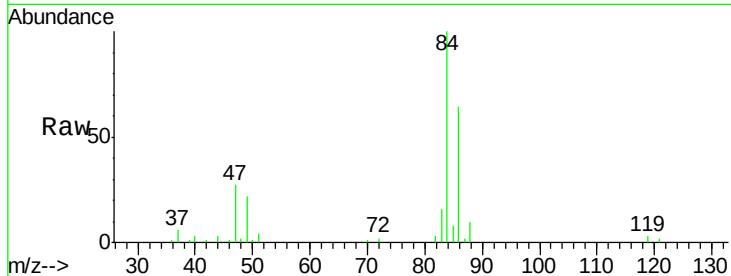
85 53.6 45.7 84.9

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Abundance Ion 83.05 (82.75 to 83.75): VV016058.D (-1011) (-)

Ion 85.00 (84.70 to 85.70): VV016058.D (-1011) (-)

4.41

1500

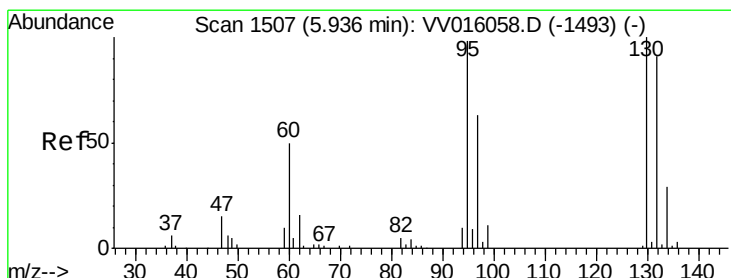
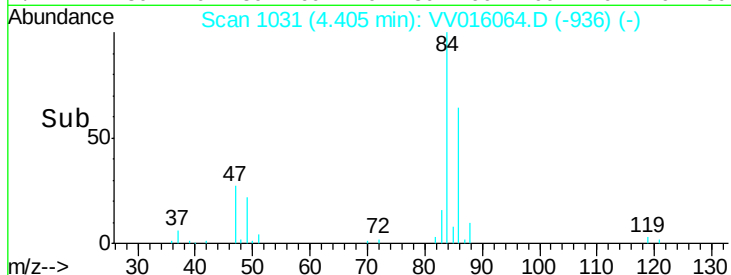
1000

500

0

4.30 4.35 4.40 4.45 4.50

Time-->



#34

Trichloroethene

Concen: 0.234 ug/L

RT: 5.95 min Scan# 1512

Delta R.T. 0.02 min

Lab File: VV016064.D

Acq: 14 May 2020 12:38

Tgt Ion: 95 Resp: 2457

Ion Ratio Lower Upper

95 100

97 74.2 43.3 80.5

132 95.0 60.3 112.1

130 93.8 66.0 122.6

Abundance Ion 95.00 (94.70 to 95.70): VV016058.D (-1493) (-)

Ion 96.95 (96.65 to 97.65): VV016058.D (-1493) (-)

Ion 131.95 (131.65 to 132.65): VV016058.D (-1493) (-)

Ion 129.95 (129.65 to 130.65): VV016058.D (-1493) (-)

1500

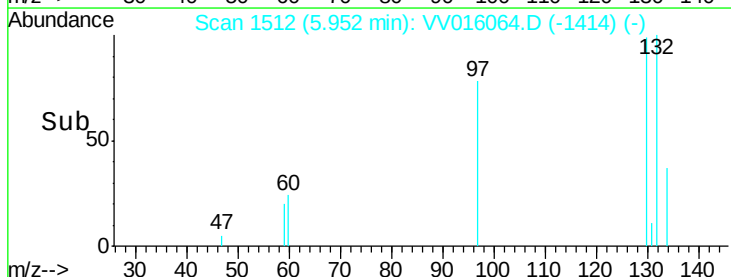
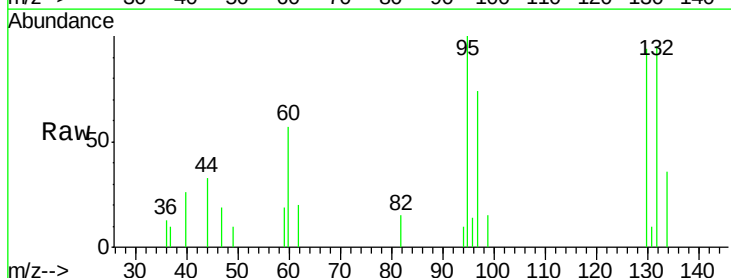
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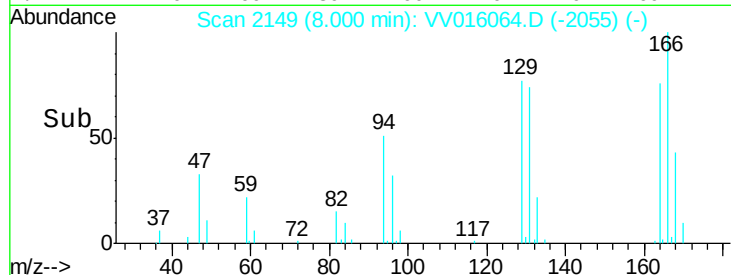
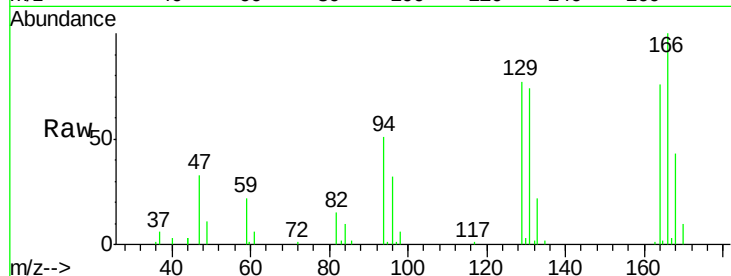
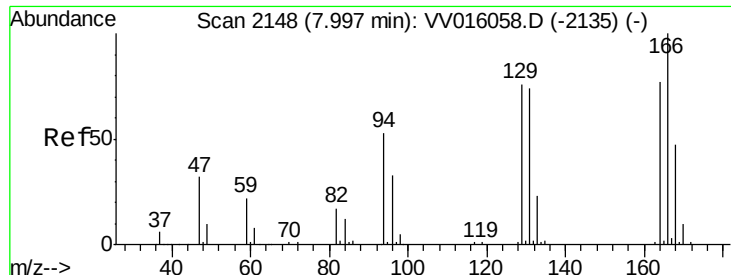
500

0

5.90 5.95 6.00

Time-->





#49

Tetrachloroethene

Concen: 2.224 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.00 min

Lab File: VV016064.D

Acq: 14 May 2020 12:38

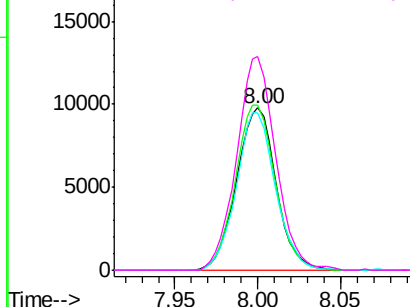
Tot Ion	Ratio	Lower	Upper
164	100		
129	101.5	69.7	129.4
131	97.2	66.8	124.2
166	131.7	89.1	165.5

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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