

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060620\
 Data File : VV016590.D
 Acq On : 06 Jun 2020 15:16
 Operator : SY/MD
 Sample : L2895-10
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW0K6

Manual Integrations
 APPROVED

MMDadoda
 6/8/2020 3:05:16 PM

Quant Time: Jun 07 00:39:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 06 23:47:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	371498	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	346347	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	162447	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	95356	36.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.48%
7) Chloroethane-d5	1.57	69	75275	39.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.26%
11) 1,1-Dichloroethene-d2	2.12	63	139662	29.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.88%#
21) 2-Butanone-d5	3.89	46	179453	106.66	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.66%
24) Chloroform-d	4.37	84	224102	45.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.76%
26) 1,2-Dichloroethane-d4	5.05	65	160734	48.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.22%
32) Benzene-d6	5.07	84	447476	48.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.46%
36) 1,2-Dichloropropane-d6	6.09	67	142914	49.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.88%
41) Toluene-d8	7.34	98	405166	48.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.18%
43) trans-1,3-Dichloropropene-	7.64	79	66256	47.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.06%
47) 2-Hexanone-d5	8.11	63	132554	107.07	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.07%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	189462	48.32	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.64%
64) 1,2-Dichlorobenzene-d4	11.65	152	165128	54.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.18%

Target Compounds

					Ovalue
5) Vinyl chloride	1.32	62	10957	3.840 ug/L	83
17) trans-1,2-Dichloroethene	2.78	96	3294	1.266 ug/L	90
20) cis-1,2-Dichloroethene	3.94	96	524481m	186.750 ug/L	
34) Trichloroethene	5.94	95	34781	13.013 ug/L	92
46) Tetrachloroethene	8.00	164	27767	13.474 ug/L	97

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

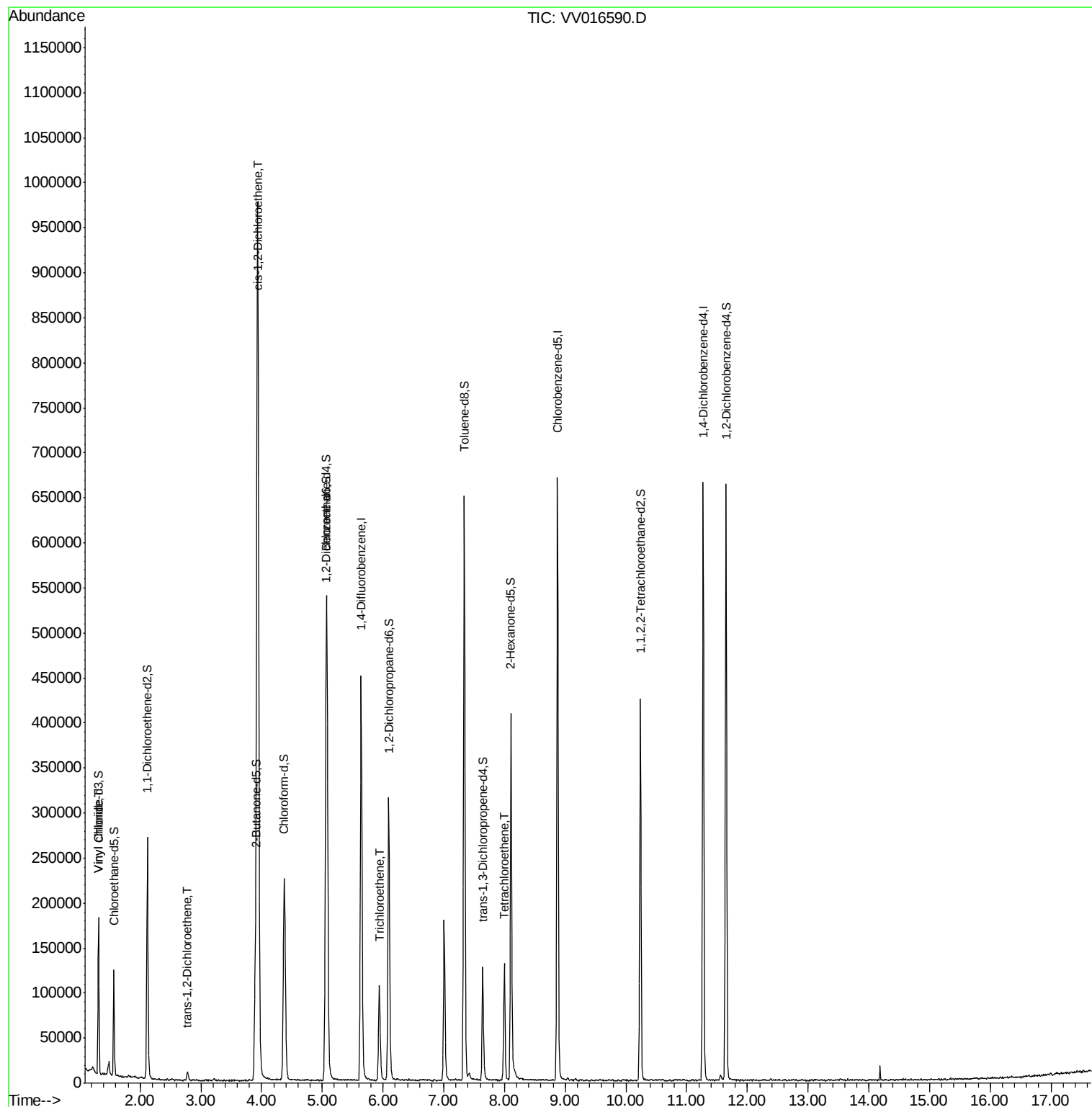
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060620\
Data File : VV016590.D
Acq On : 06 Jun 2020 15:16
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Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 14 Sample Multiplier: 1

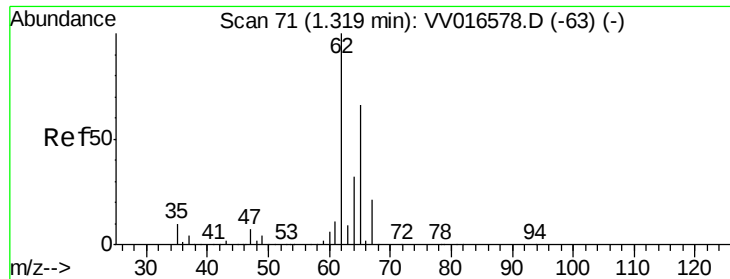
Instrument :
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ClientSampleId :
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Quant Time: Jun 07 00:39:19 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 06 23:47:35 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 3.840 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV016590.D

Acq: 06 Jun 2020 15:16

Instrument :

MSVOA_V

ClientSampleId :

EW0K6

Tot Ion: 62 Resp: 10957

Ion Ratio Lower Upper

62 100

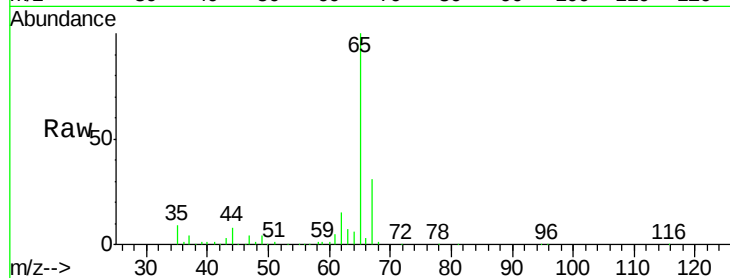
64 41.9 22.7 42.1

Manual Integrations

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Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.00 (63.70 to 64.70): VV0

12000

10000

8000

6000

4000

2000

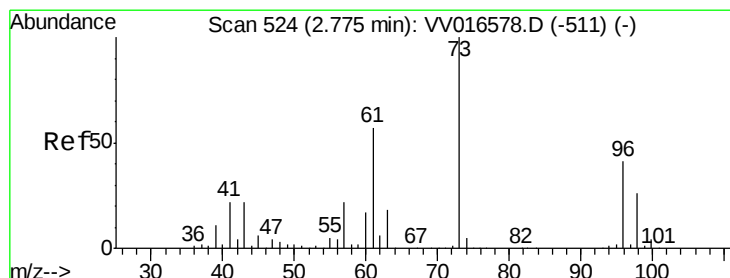
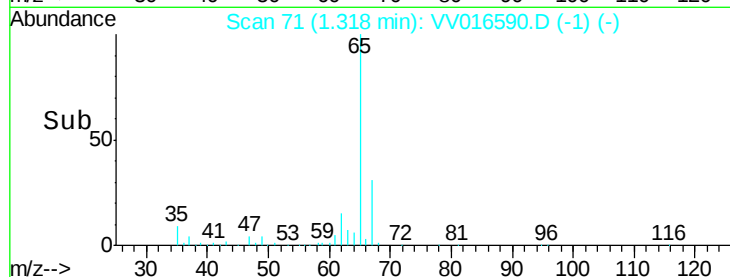
0

1.30

1.32

1.35

Time-->



#17

trans-1,2-Dichloroethene

Concen: 1.266 ug/L

RT: 2.78 min Scan# 525

Delta R.T. 0.00 min

Lab File: VV016590.D

Acq: 06 Jun 2020 15:16

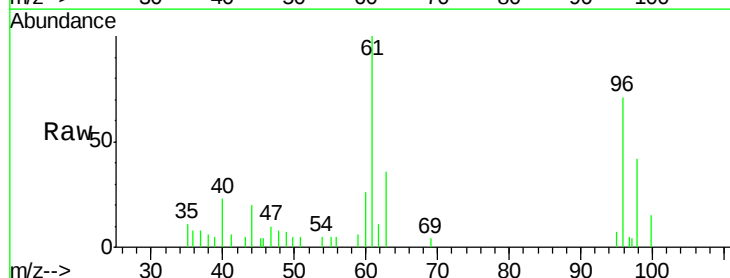
Tgt Ion: 96 Resp: 3294

Ion Ratio Lower Upper

96 100

61 132.2 101.0 187.6

98 54.9 44.7 83.1



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

3000

2000

1000

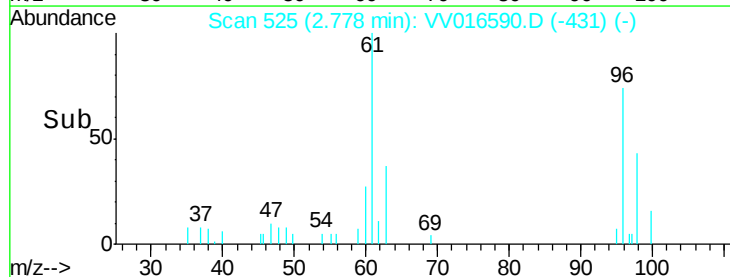
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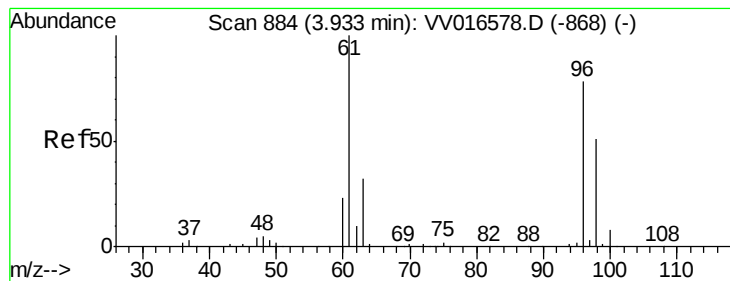
2.75

2.78

2.80

Time-->





#20

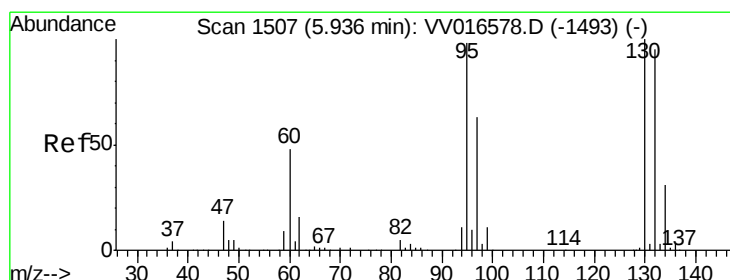
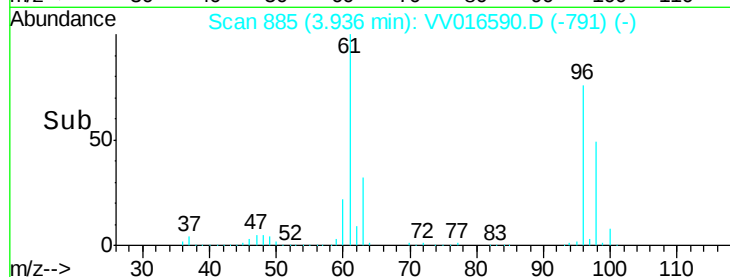
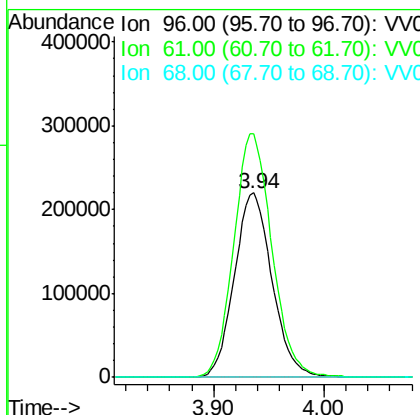
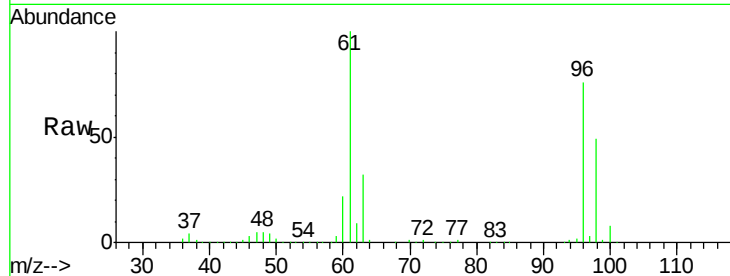
cis-1,2-Dichloroethene
Concen: 186.750 ug/L m
RT: 3.94 min Scan# 885
Delta R.T. 0.00 min
Lab File: VV016590.D
Acq: 06 Jun 2020 15:16

Instrument :
MSVOA_V
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Tot Ion	Ratio	Lower	Upper
96	100		
61	132.0	93.4	173.4
68	0.0	0.0	0.0

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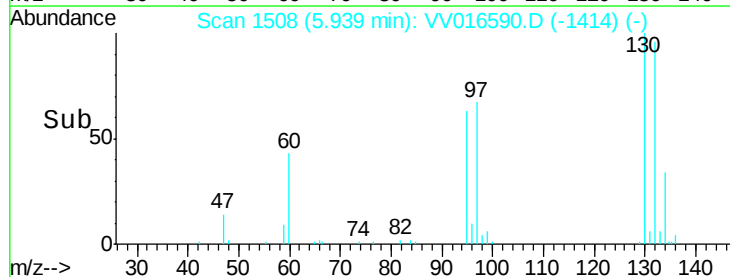
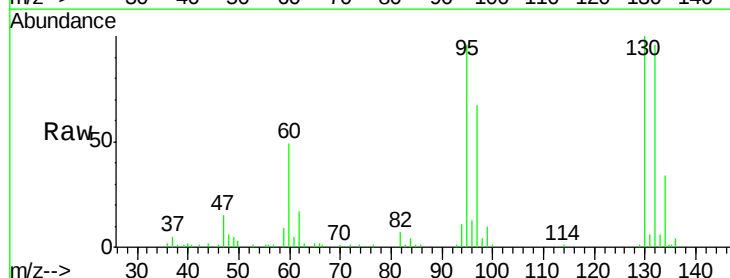
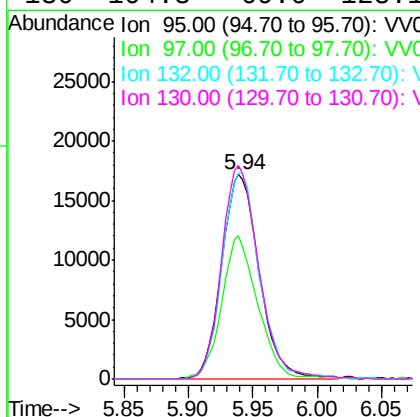
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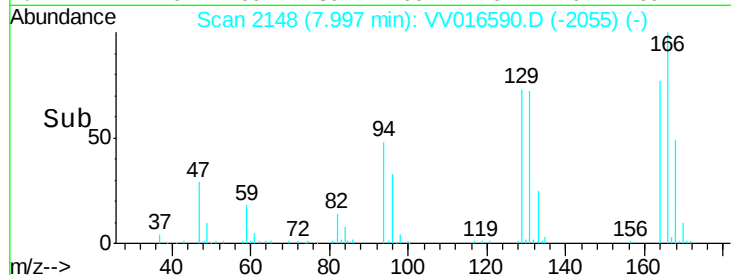
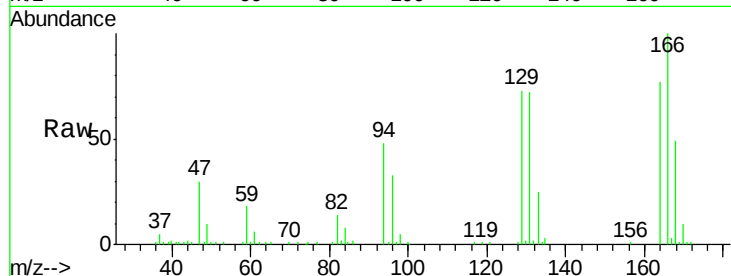
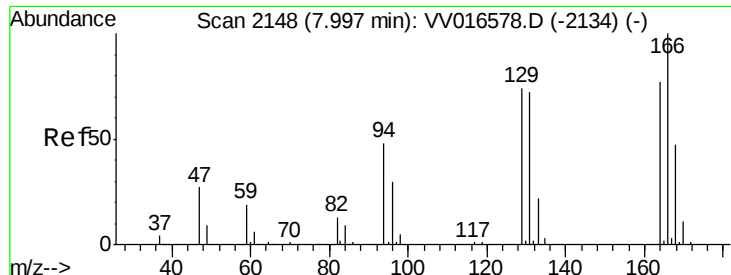


#34

Trichloroethene
Concen: 13.013 ug/L
RT: 5.94 min Scan# 1508
Delta R.T. 0.00 min
Lab File: VV016590.D
Acq: 06 Jun 2020 15:16

Tgt Ion	Ratio	Lower	Upper
95	100		
97	70.0	42.8	79.6
132	100.6	65.6	121.8
130	104.3	69.0	128.1





#46

Tetrachloroethene

Concen: 13.474 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.00 min

Lab File: VV016590.D

Acq: 06 Jun 2020 15:16

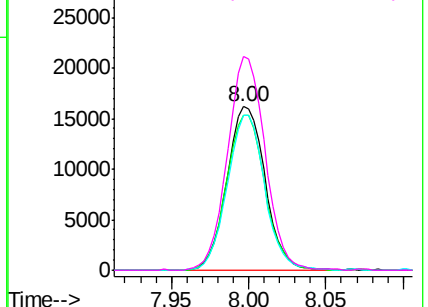
Tot Ion	Ratio	Lower	Upper
164	100		
129	94.8	67.7	125.7
131	94.3	63.8	118.6
166	130.5	88.7	164.7

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



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