

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV033120\
 Data File : VV015316.D
 Acq On : 31 Mar 2020 16:12
 Operator : SY/MD
 Sample : L1975-20
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETTK1

Manual Integrations
 APPROVED

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Quant Time: Apr 01 03:45:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM033020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 01 01:17:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	571944	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	552843	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	238361	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	194562	46.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.32%
7) Chloroethane-d5	1.58	69	185273	47.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.48%
11) 1,1-Dichloroethene-d2	2.12	63	302805	33.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.34%
21) 2-Butanone-d5	3.93	46	320443	117.50	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	117.50%
24) Chloroform-d	4.38	84	358778	47.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.70%
26) 1,2-Dichloroethane-d4	5.06	65	252660	51.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.12%
32) Benzene-d6	5.08	84	710172	49.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.42%
36) 1,2-Dichloropropane-d6	6.09	67	230542	51.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.16%
41) Toluene-d8	7.34	98	677783	48.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.08%
43) trans-1,3-Dichloropropene-	7.64	79	118395	48.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.34%
47) 2-Hexanone-d5	8.11	63	279553	132.04	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	132.04%#
57) 1,1,2,2-Tetrachloroethane-	10.24	84	335949	50.44	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.88%
64) 1,2-Dichlorobenzene-d4	11.65	152	236773	49.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.82%

Target Compounds

					Ovalue
5) Vinyl chloride	1.32	62	798480	165.636	ug/L 97
13) Acetone	2.21	43	58410	31.386	ug/L 70
17) trans-1,2-Dichloroethene	2.78	96	23091	6.514	ug/L 94
20) cis-1,2-Dichloroethene	3.94	96	406437	102.000	ug/L # 98
22) 2-Butanone	4.03	43	20288m	7.478	ug/L
34) Trichloroethene	5.94	95	48515	12.357	ug/L 95

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

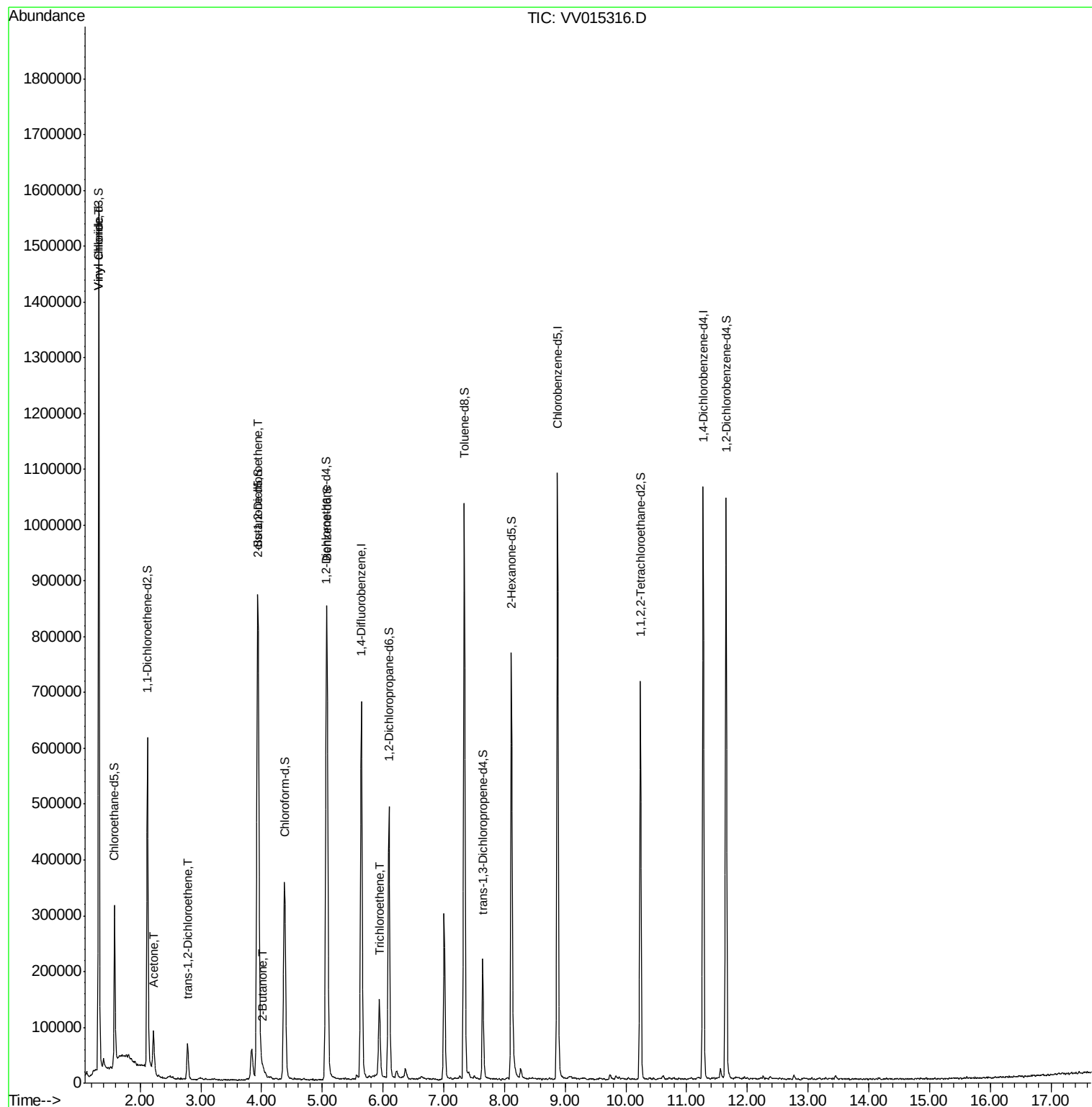
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV033120\
Data File : VV015316.D
Acq On : 31 Mar 2020 16:12
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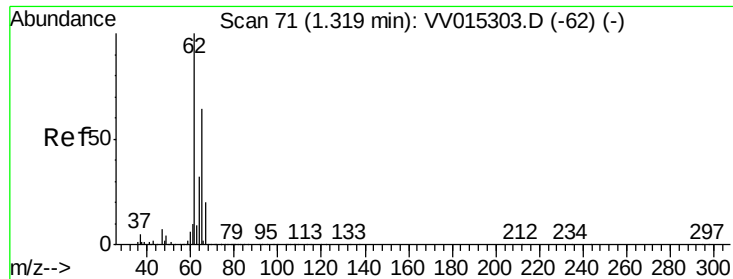
Instrument :
MSVOA_V
ClientSampleId :
ETTK1

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Quant Time: Apr 01 03:45:49 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM033020WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 01 01:17:34 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 165.636 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV015316.D

Acq: 31 Mar 2020 16:12

Instrument :

MSVOA_V

ClientSampleId :

ETTK1

Tot Ion: 62 Resp: 798480

Ion Ratio Lower Upper

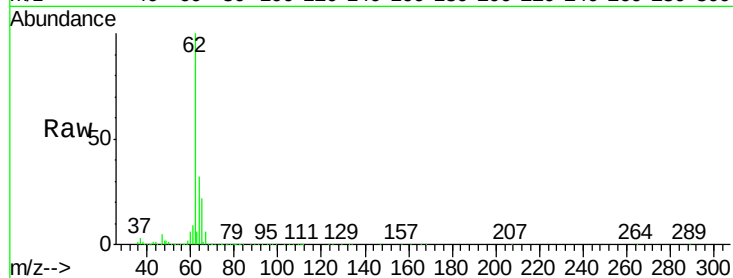
62 100

64 32.3 23.9 44.3

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Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.00 (63.70 to 64.70): VV0

1.32

800000

600000

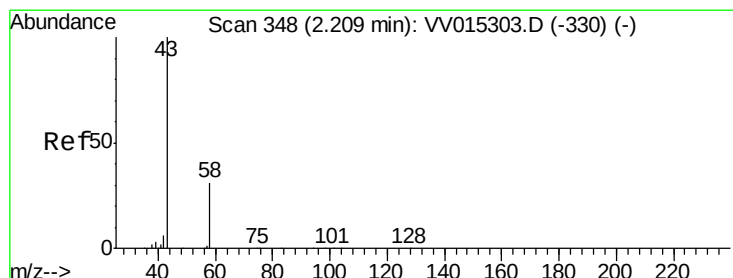
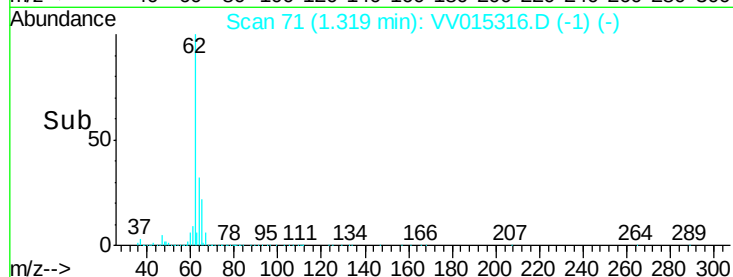
400000

200000

0

1.30 1.35 1.40

Time-->



#13

Acetone

Concen: 31.386 ug/L

RT: 2.21 min Scan# 348

Delta R.T. 0.00 min

Lab File: VV015316.D

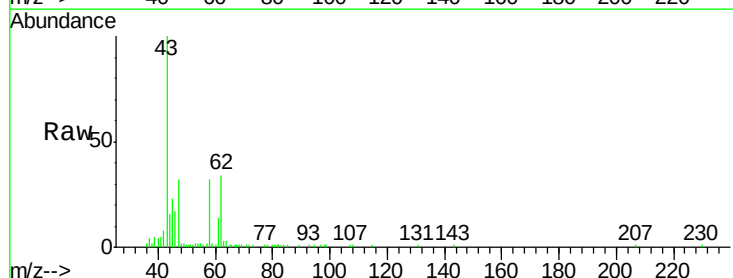
Acq: 31 Mar 2020 16:12

Tgt Ion: 43 Resp: 58410

Ion Ratio Lower Upper

43 100

58 15.1 0.0 63.6



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

2.21

20000

15000

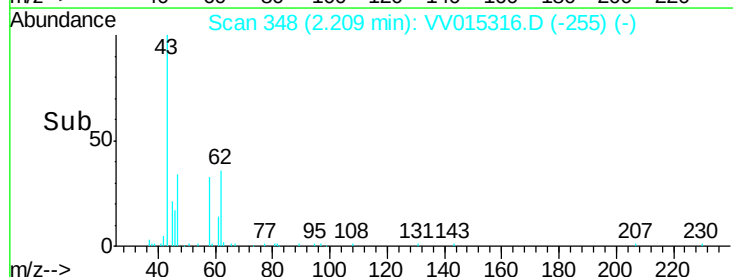
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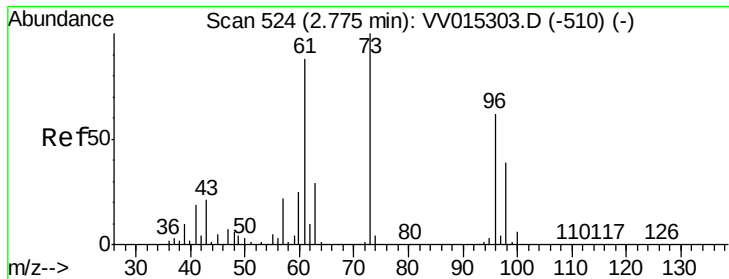
5000

0

2.10 2.20 2.30

Time-->





#17

trans-1,2-Dichloroethene

Concen: 6.514 ug/L

RT: 2.78 min Scan# 525

Delta R.T. 0.00 min

Lab File: VV015316.D

Acq: 31 Mar 2020 16:12

Instrument :

MSVOA_V

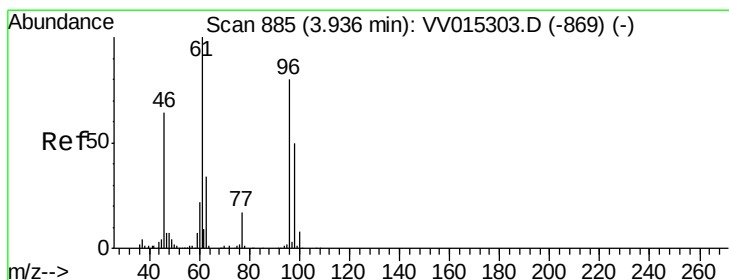
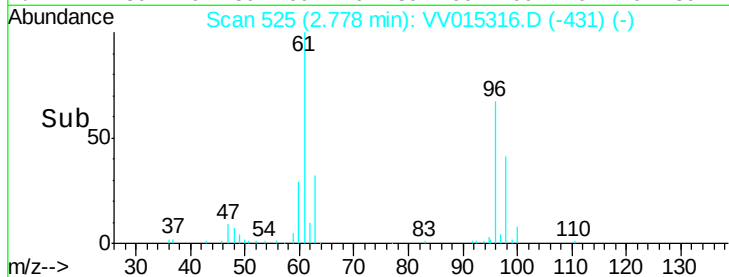
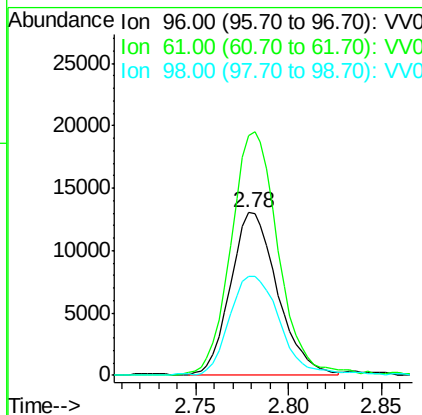
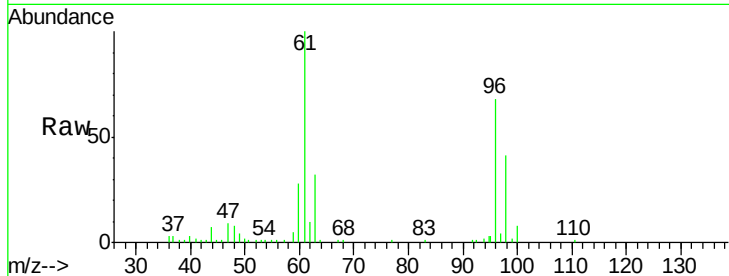
ClientSampled :

ETTK1

Tot Ion:	96	Resp:	23091
Ion	Ratio	Lower	Upper
96	100		
61	147.8	98.5	182.9
98	60.6	45.5	84.5

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#20

cis-1,2-Dichloroethene

Concen: 102.000 ug/L

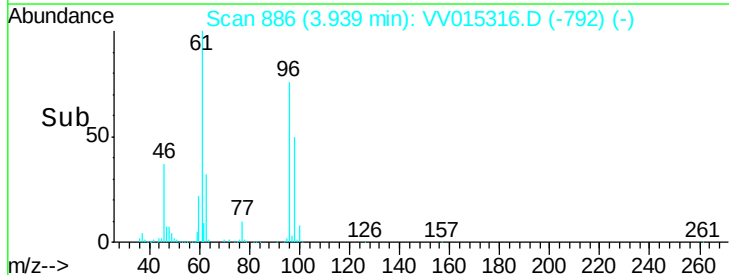
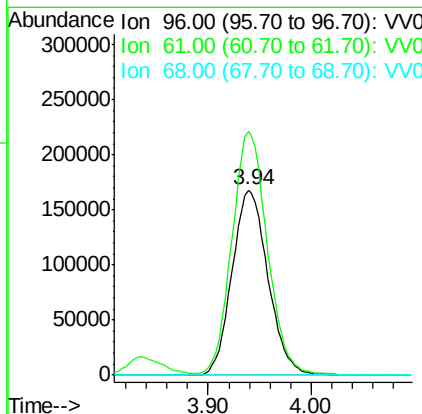
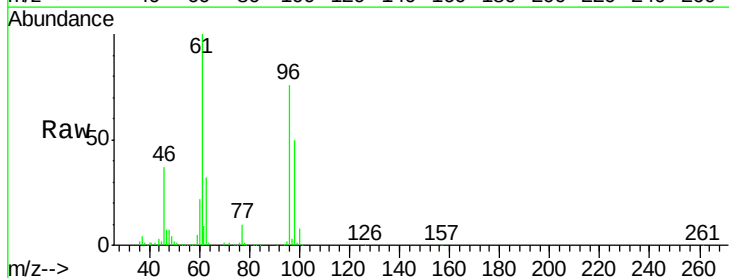
RT: 3.94 min Scan# 886

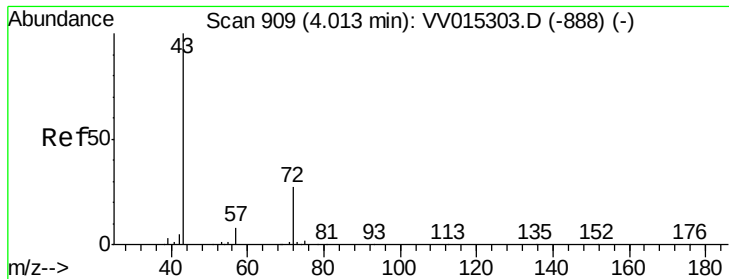
Delta R.T. 0.00 min

Lab File: VV015316.D

Acq: 31 Mar 2020 16:12

Tgt Ion:	96	Resp:	406437
Ion	Ratio	Lower	Upper
96	100		
61	131.7	90.2	167.6
68	0.0	0.1	0.1#





#22

2-Butanone

Concen: 7.478 ug/L m

RT: 4.03 min Scan# 915

Delta R.T. 0.02 min

Lab File: VV015316.D

Acq: 31 Mar 2020 16:12

Instrument :

MSVOA_V

ClientSampled :

ETTK1

Tot Ion: 43 Resp: 20288

Ion Ratio Lower Upper

43 100

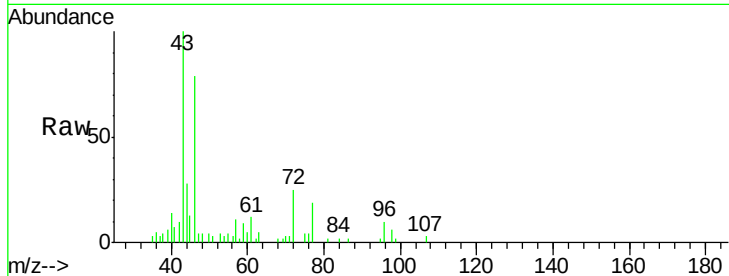
72 0.2 12.4 37.0#

Manual Integrations

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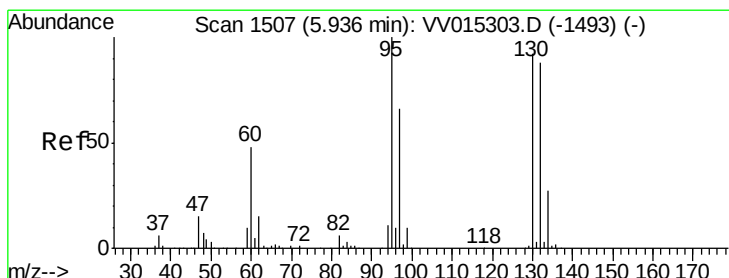
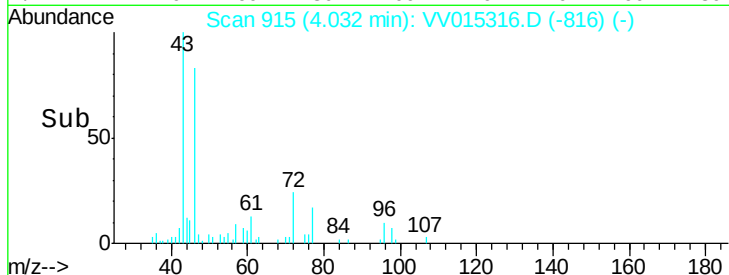
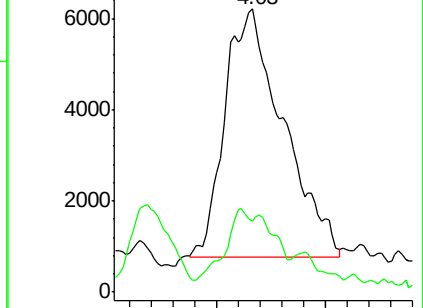
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Abundance Ion 43.00 (42.70 to 43.70): VV015303.D (-888) (-)

Ion 72.00 (71.70 to 72.70): VV015303.D (-888) (-)



#34

Trichloroethene

Concen: 12.357 ug/L

RT: 5.94 min Scan# 1509

Delta R.T. 0.01 min

Lab File: VV015316.D

Acq: 31 Mar 2020 16:12

Tgt Ion: 95 Resp: 48515

Ion Ratio Lower Upper

95 100

97 62.4 44.0 81.6

132 81.2 61.8 114.8

130 86.6 64.5 119.9

Abundance Ion 95.00 (94.70 to 95.70): VV015303.D (-1493) (-)

Ion 97.00 (96.70 to 97.70): VV015303.D (-1493) (-)

Ion 132.00 (131.70 to 132.70): VV015303.D (-1493) (-)

Ion 130.00 (129.70 to 130.70): VV015303.D (-1493) (-)

