

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081420\
 Data File : VV018007.D
 Acq On : 14 Aug 2020 19:23
 Operator : SY/MD
 Sample : L3665-15
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4L30

Quant Time: Aug 17 03:39:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Aug 17 01:31:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	224720	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	226878	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	107437	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	55012	32.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	64.16%
7) Chloroethane-d5	1.58	69	53105	37.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	75.72%
11) 1,1-Dichloroethene-d2	2.12	63	88623	27.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	54.04%#
21) 2-Butanone-d5	3.90	46	117625	104.74	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.74%
24) Chloroform-d	4.37	84	135309	43.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.70%
26) 1,2-Dichloroethane-d4	5.06	65	96228	47.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.94%
32) Benzene-d6	5.07	84	257247	41.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.28%
36) 1,2-Dichloropropane-d6	6.09	67	90552	44.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.60%
41) Toluene-d8	7.34	98	220114	39.15	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.30%#
43) trans-1,3-Dichloropropene-	7.64	79	39270	42.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.72%
47) 2-Hexanone-d5	8.11	63	58376	88.99	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.99%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	126473	47.51	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.02%
64) 1,2-Dichlorobenzene-d4	11.65	152	104180	49.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.54%

Target Compounds

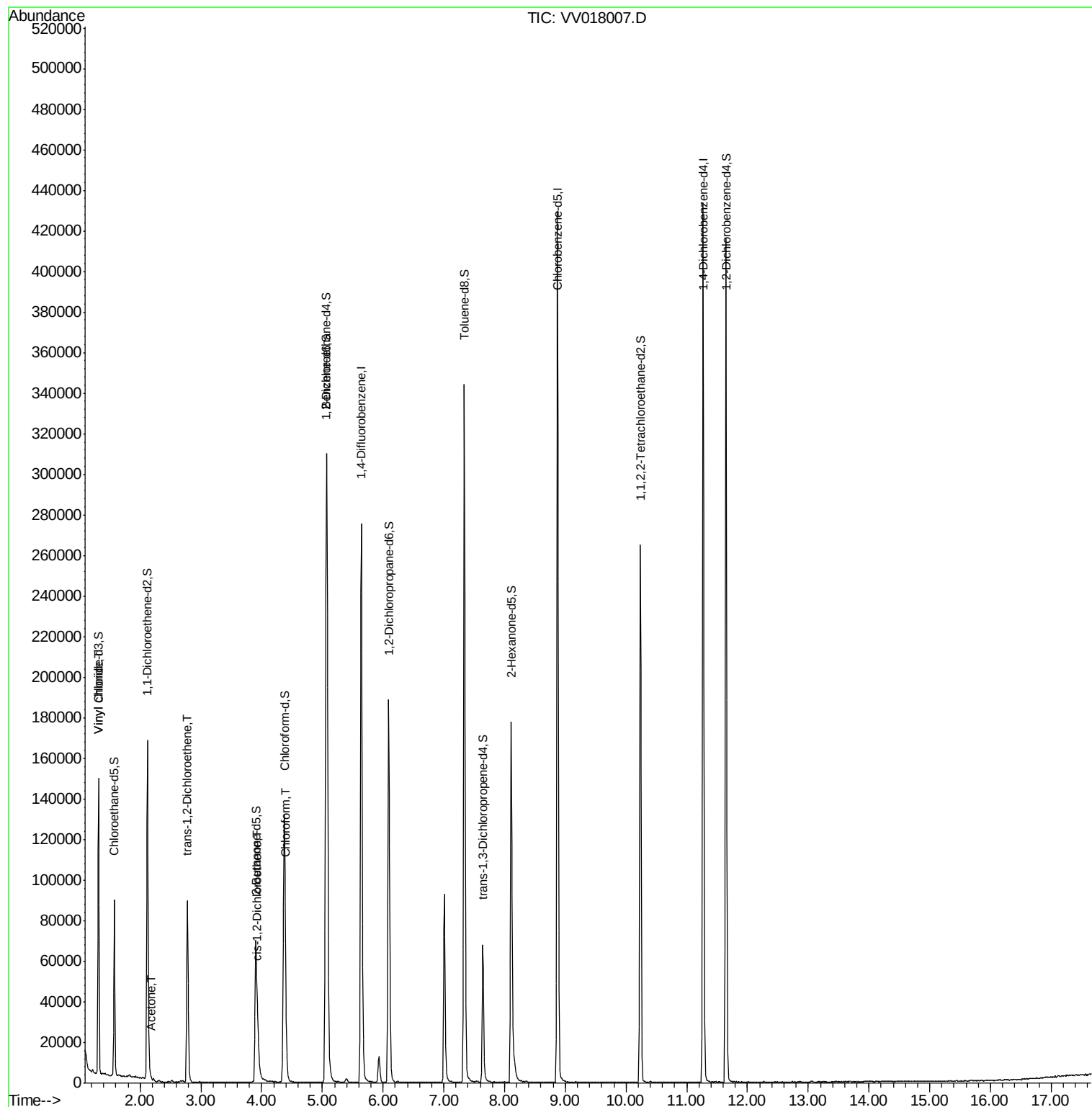
					Ovalue
5) Vinyl chloride	1.32	62	39186	19.625	ug/L 96
13) Acetone	2.18	43	1134	0.978	ug/L 61
17) trans-1,2-Dichloroethene	2.78	96	33283	21.479	ug/L 99
20) cis-1,2-Dichloroethene	3.94	96	4707	2.764	ug/L 98
25) Chloroform	4.40	83	5783	1.820	ug/L 82

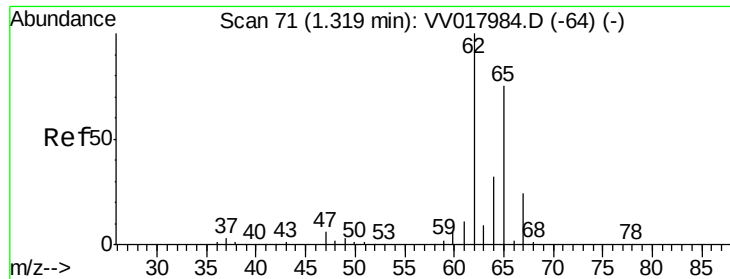
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 19.625 ug/L

RT: 1.32 min Scan# 70

Delta R.T. -0.00 min

Lab File: VV018007.D

Acq: 14 Aug 2020 19:23

Instrument :

MSVOA_V

ClientSampled :

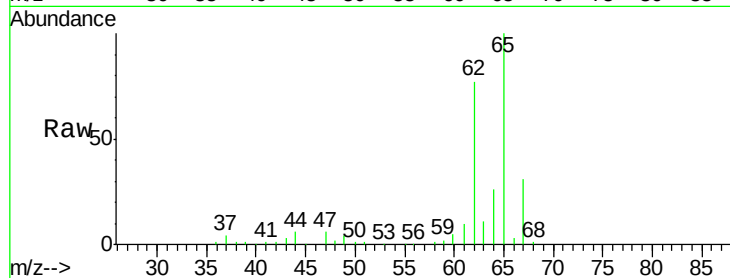
F4L30

Tot Ion: 62 Resp: 39186

Ion Ratio Lower Upper

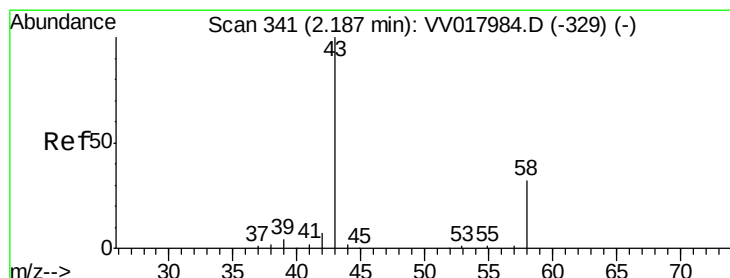
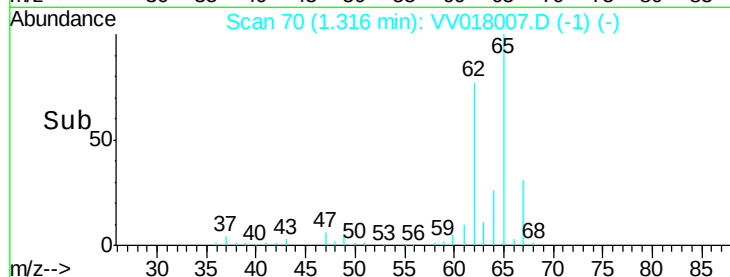
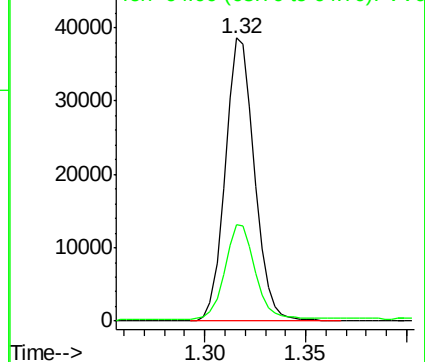
62 100

64 34.1 22.4 41.6



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.00 (63.70 to 64.70): VV0



#13

Acetone

Concen: 0.978 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.00 min

Lab File: VV018007.D

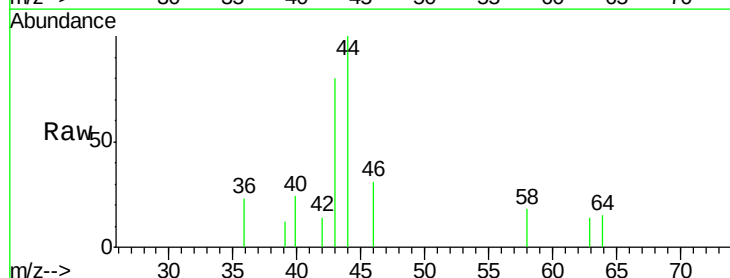
Acq: 14 Aug 2020 19:23

Tgt Ion: 43 Resp: 1134

Ion Ratio Lower Upper

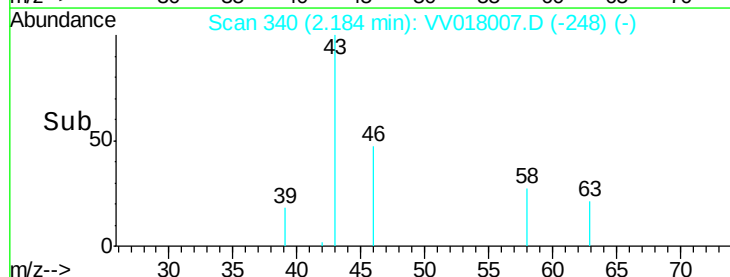
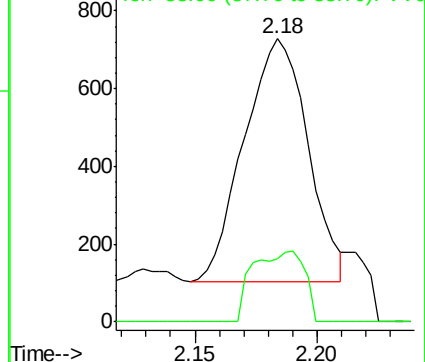
43 100

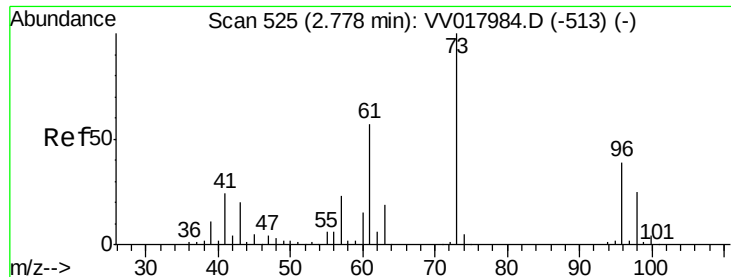
58 10.1 0.0 63.6



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0





#17

trans-1,2-Dichloroethene

Concen: 21.479 ug/L

RT: 2.78 min Scan# 525

Delta R.T. 0.00 min

Lab File: VV018007.D

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Instrument :

MSVOA_V

ClientSampleId :

F4L30

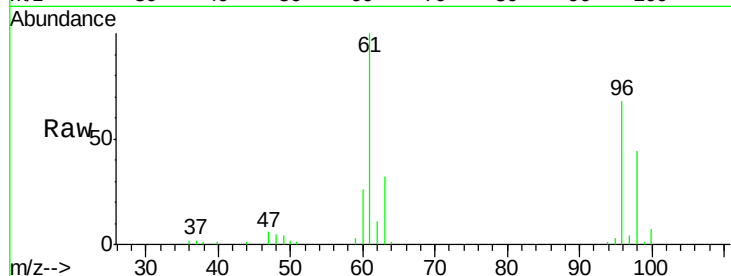
Tot Ion: 96 Resp: 33283

Ion Ratio Lower Upper

96 100

61 148.1 102.4 190.2

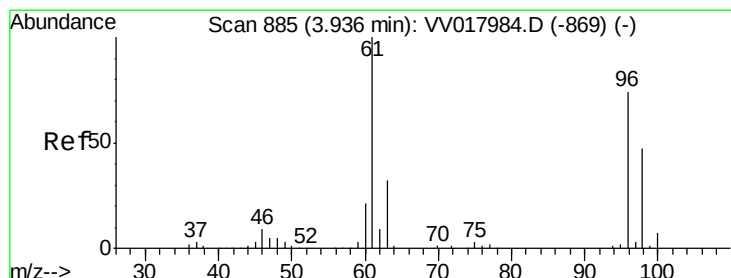
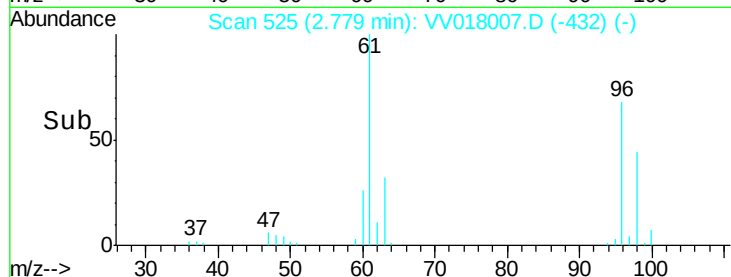
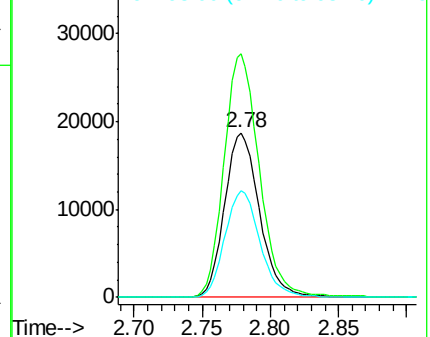
98 64.7 44.4 82.5



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



#20

cis-1,2-Dichloroethene

Concen: 2.764 ug/L

RT: 3.94 min Scan# 886

Delta R.T. 0.00 min

Lab File: VV018007.D

Acq: 14 Aug 2020 19:23

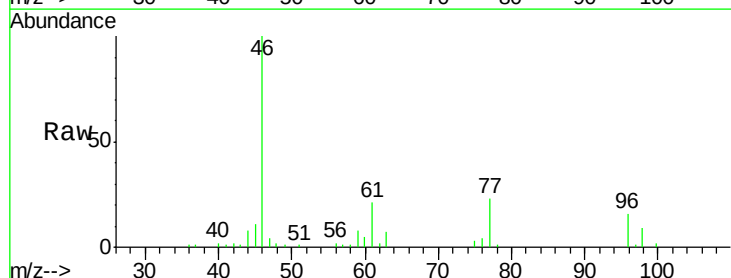
Tgt Ion: 96 Resp: 4707

Ion Ratio Lower Upper

96 100

61 133.1 95.0 176.4

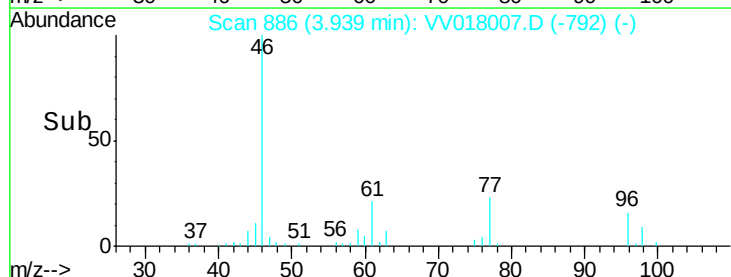
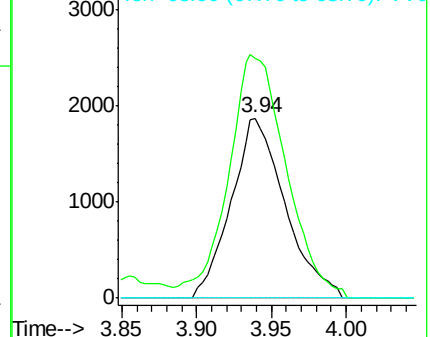
68 0.0 0.0 0.0

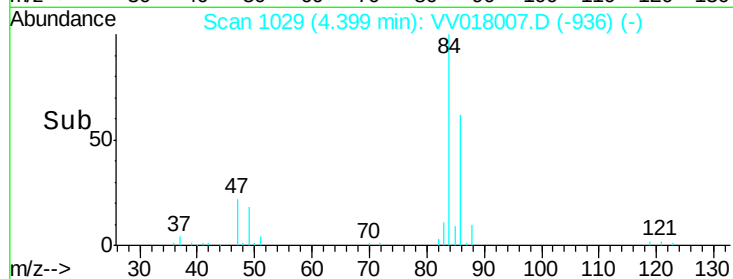
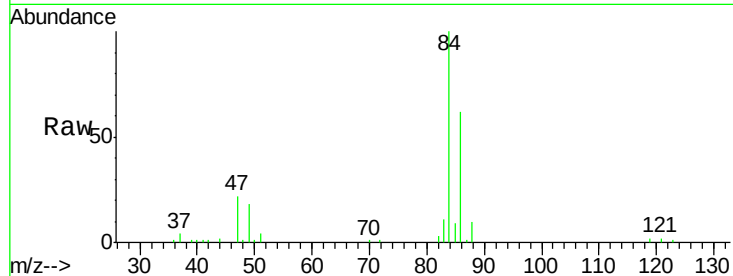
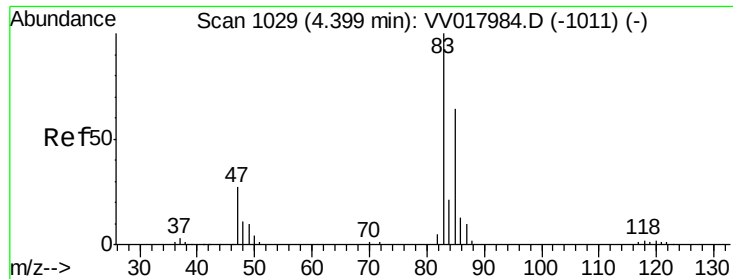


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 68.00 (67.70 to 68.70): VV0





#25

Chloroform

Concen: 1.820 ug/L

RT: 4.40 min Scan# 1029

Delta R.T. 0.00 min

Lab File: VV018007.D

Acq: 14 Aug 2020 19:23

Instrument :

MSVOA_V

ClientSampleId :

F4L30

Tot Ion: 83 Resp: 5783

Ion Ratio Lower Upper

83 100

85 78.9 45.5 84.5

