

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV051220\
 Data File : VV016021.D
 Acq On : 12 May 2020 18:11
 Operator : SY/MD
 Sample : L2542-02
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4206

Quant Time: May 13 08:23:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed May 13 06:55:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.65	114	134271	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	134726	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	59641	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	28253	3.88	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.60%
7) Chloroethane-d5	1.58	69	29650	4.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.80%
11) 1,1-Dichloroethene-d2	2.13	63	47775	3.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.00%
20) 2-Butanone-d5	3.94	46	113081	54.42	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.84%
24) Chloroform-d	4.38	84	77350	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
26) 1,2-Dichloroethane-d4	5.06	65	43843	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
32) Benzene-d6	5.08	84	146024	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
36) 1,2-Dichloropropane-d6	6.10	67	47736	4.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.60%
41) Toluene-d8	7.34	98	129602	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.60%
45) trans-1,3-Dichloropropene-	7.65	79	14976	3.90	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.00%
48) 2-Hexanone-d5	8.12	63	77876	46.16	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.32%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	34491	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.20%
65) 1,2-Dichlorobenzene-d4	11.65	152	50119	5.18	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.60%

Target Compounds

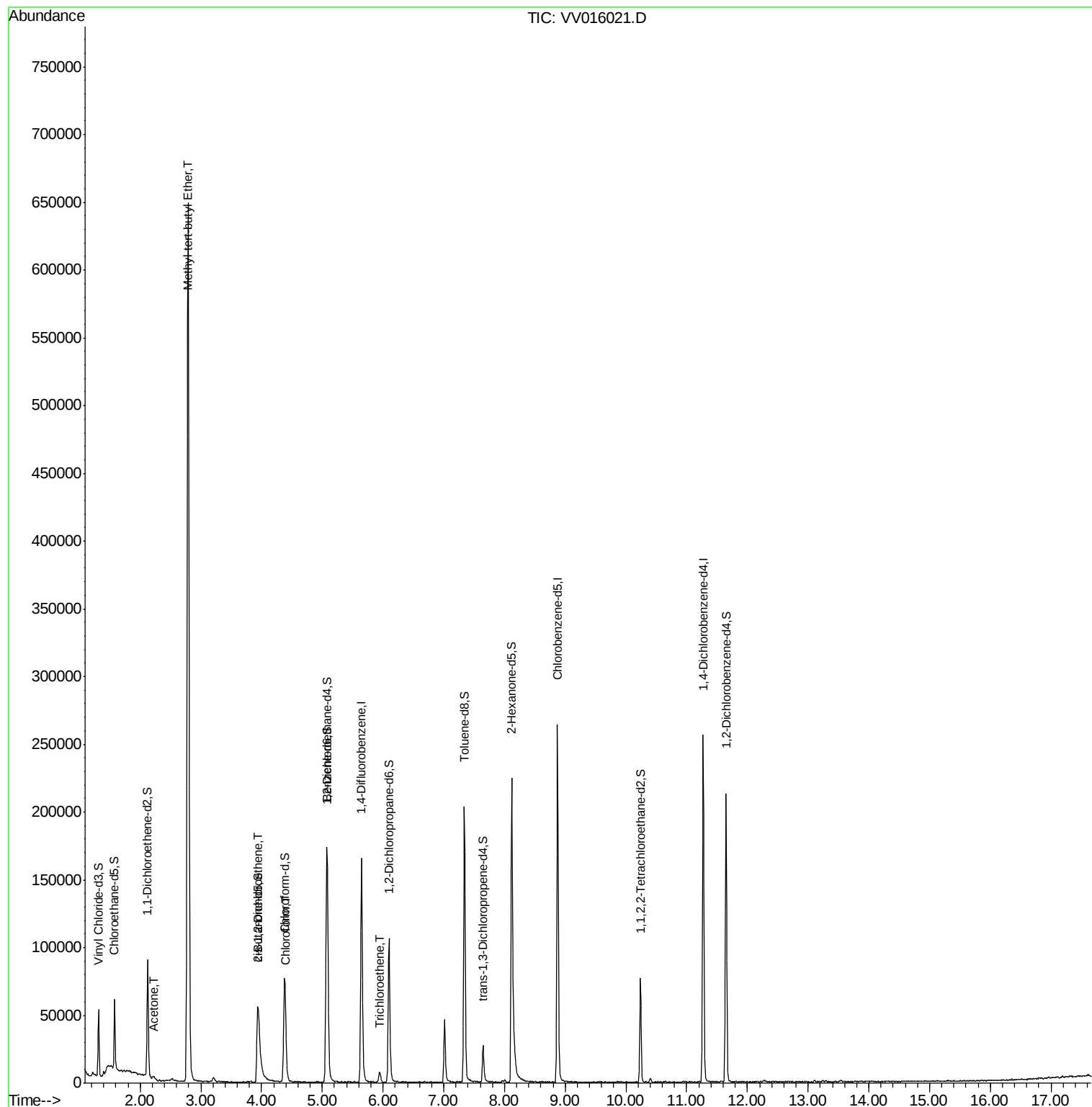
					Ovalue
13) Acetone	2.23	43	5932	4.328 ug/L	74
17) Methyl tert-butyl Ether	2.79	73	635445	33.095 ug/L	100
22) cis-1,2-Dichloroethene	3.95	96	4620	0.540 ug/L	91
25) Chloroform	4.41	83	3486	0.201 ug/L #	72
34) Trichloroethene	5.95	95	2296	0.237 ug/L	89

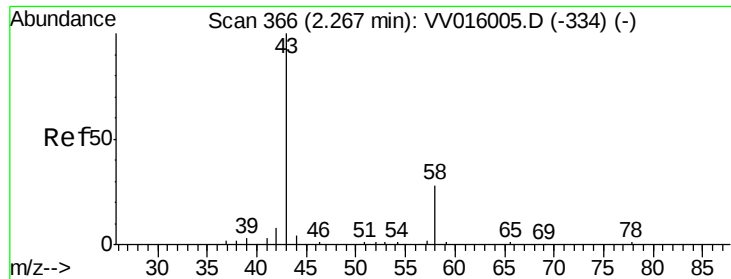
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.328 ug/L

RT: 2.23 min Scan# 354

Delta R.T. -0.04 min

Lab File: VV016021.D

Acq: 12 May 2020 18:11

Instrument :

MSVOA_V

ClientSampled :

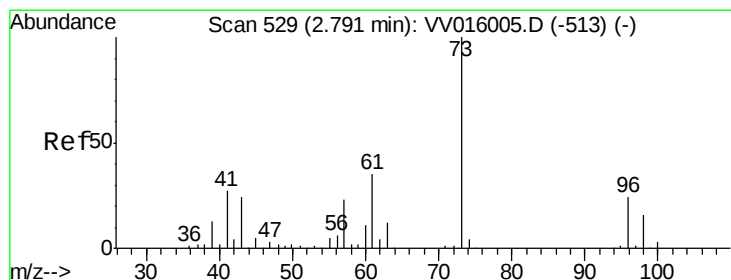
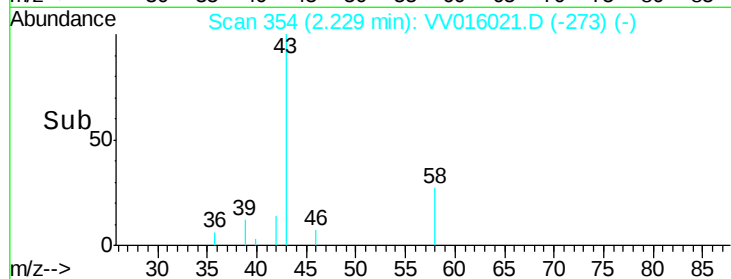
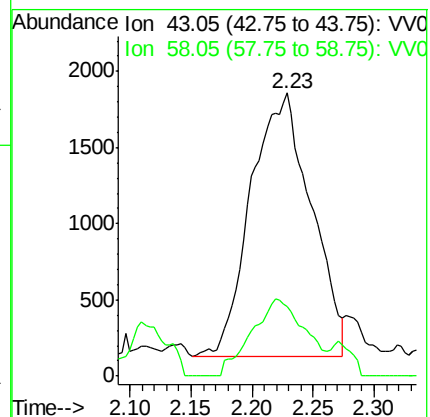
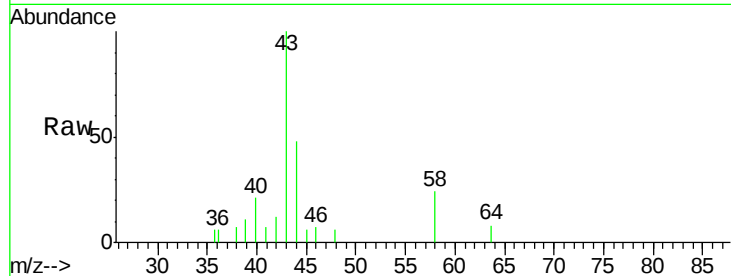
H4206

Tot Ion: 43 Resp: 5932

Ion Ratio Lower Upper

43 100

58 26.2 0.0 30.8



#17

Methyl tert-butyl Ether

Concen: 33.095 ug/L

RT: 2.79 min Scan# 528

Delta R.T. -0.00 min

Lab File: VV016021.D

Acq: 12 May 2020 18:11

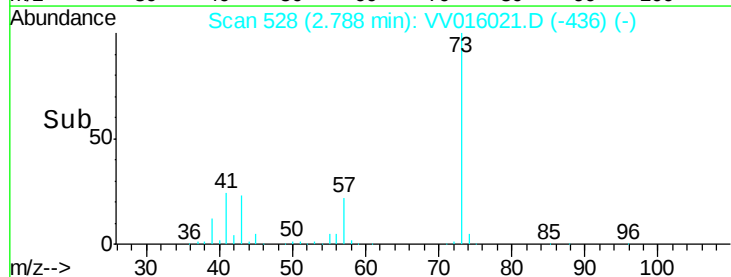
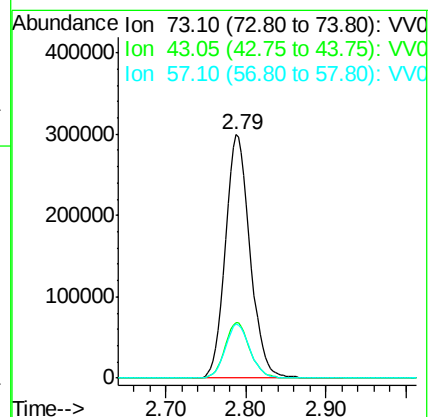
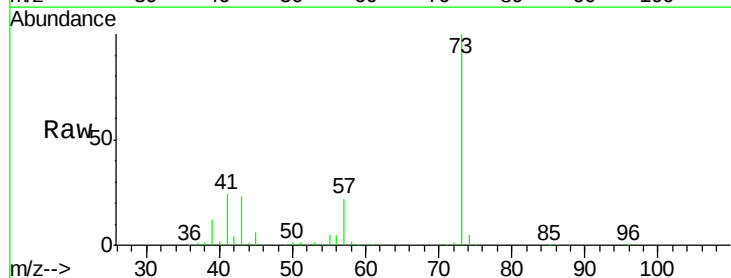
Tgt Ion: 73 Resp: 635445

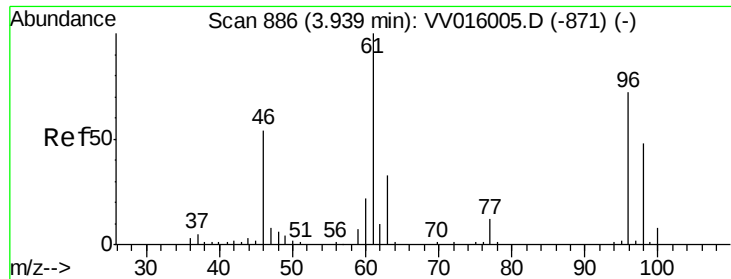
Ion Ratio Lower Upper

73 100

43 23.2 18.8 28.2

57 22.3 17.8 26.6



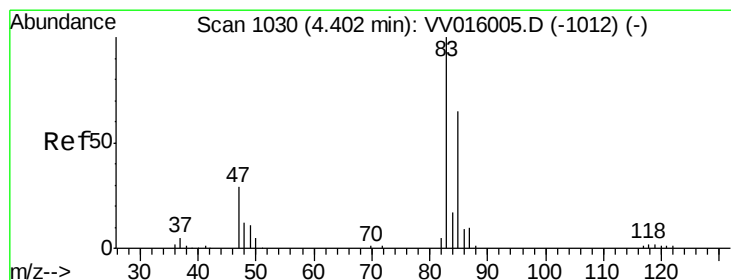
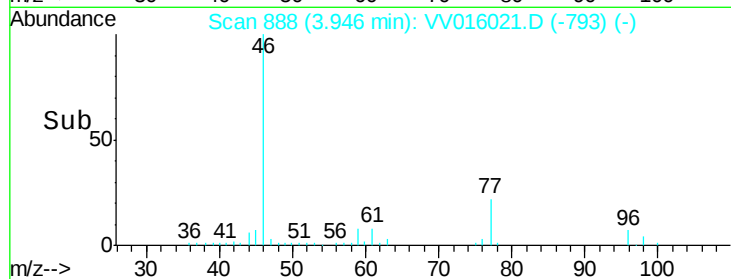
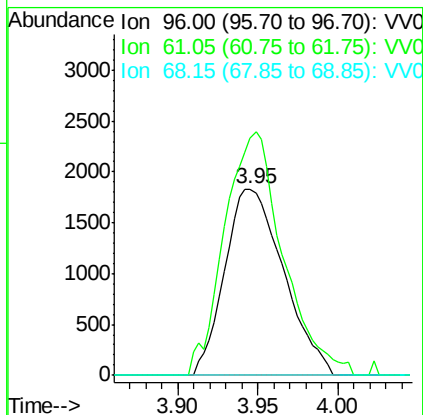
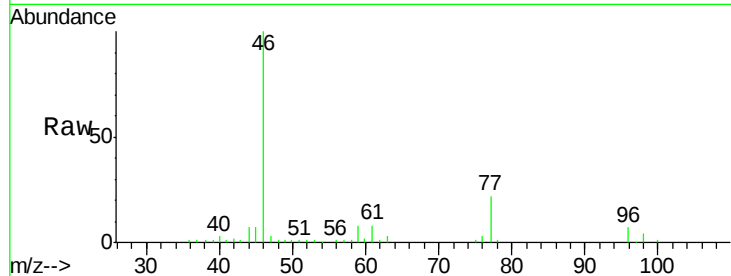


#22

cis-1,2-Dichloroethene
 Concen: 0.540 ug/L
 RT: 3.95 min Scan# 888
 Delta R.T. 0.01 min
 Lab File: VV016021.D
 Acq: 12 May 2020 18:11

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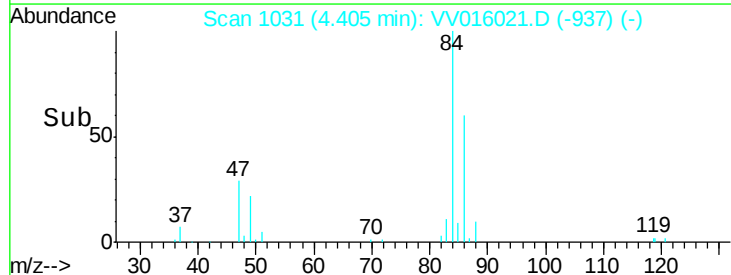
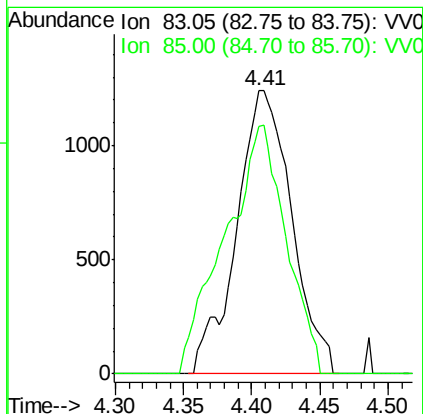
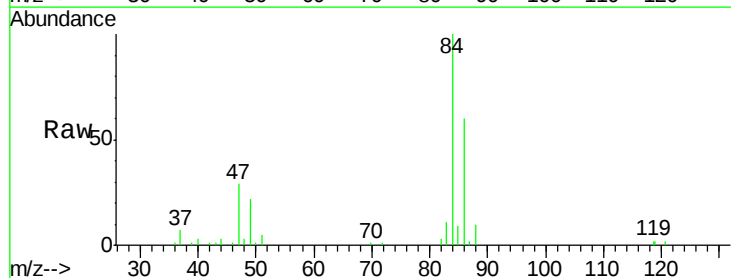
Tot Ion: 96 Resp: 4620
 Ion Ratio Lower Upper
 96 100
 61 127.4 97.2 180.6
 68 0.0 0.0 0.0

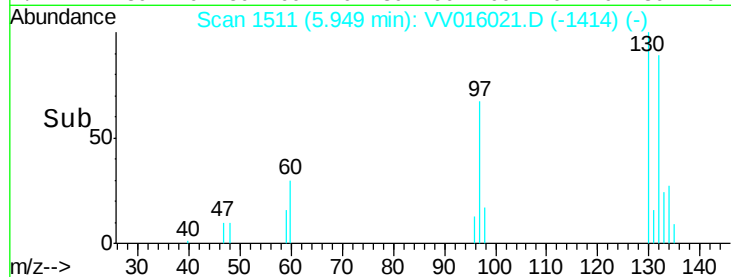
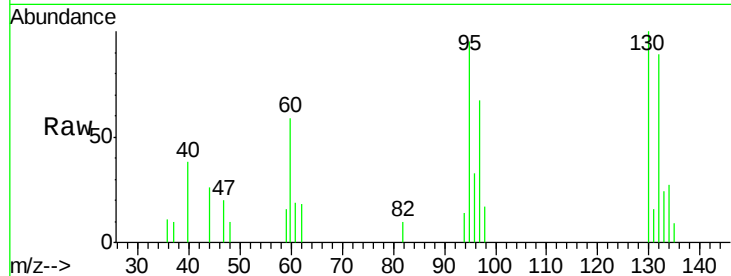
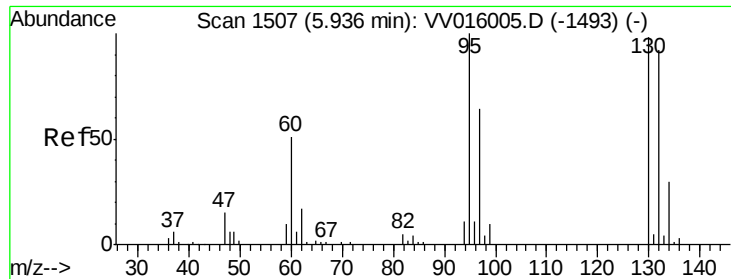


#25

Chloroform
 Concen: 0.201 ug/L
 RT: 4.41 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: VV016021.D
 Acq: 12 May 2020 18:11

Tgt Ion: 83 Resp: 3486
 Ion Ratio Lower Upper
 83 100
 85 87.4 45.7 84.9#





#34

Trichloroethene

Concen: 0.237 ug/L

RT: 5.95 min Scan# 1511

Delta R.T. 0.01 min

Lab File: VV016021.D

Acq: 12 May 2020 18:11

Instrument :

MSVOA_V

ClientSampleId :

H4206

Tot Ion: 95 Resp: 2296

Ion Ratio Lower Upper

95 100

97 71.2 43.3 80.5

132 94.6 60.3 112.1

130 105.8 66.0 122.6

Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V

