

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070220\
 Data File : VV017322.D
 Acq On : 02 Jul 2020 21:49
 Operator : SY/MD
 Sample : L3154-07
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4294

Quant Time: Jul 03 07:04:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jul 03 06:15:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	164043	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	159382	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	77663	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	42572	4.32	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.40%
7) Chloroethane-d5	1.58	69	34406	4.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.20%
11) 1,1-Dichloroethene-d2	2.13	63	66633	3.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.20%
20) 2-Butanone-d5	3.93	46	99505	39.66	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.32%
24) Chloroform-d	4.38	84	92923	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.20%
26) 1,2-Dichloroethane-d4	5.06	65	51505	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
32) Benzene-d6	5.08	84	169885	4.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.20%
36) 1,2-Dichloropropane-d6	6.10	67	48339	3.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	78.00%
41) Toluene-d8	7.34	98	158450	4.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.80%
45) trans-1,3-Dichloropropene-	7.64	79	19230	3.73	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.60%
48) 2-Hexanone-d5	8.11	63	70166	35.72	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	71.44%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	35514	4.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.40%
65) 1,2-Dichlorobenzene-d4	11.65	152	61877	4.31	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.20%

Target Compounds

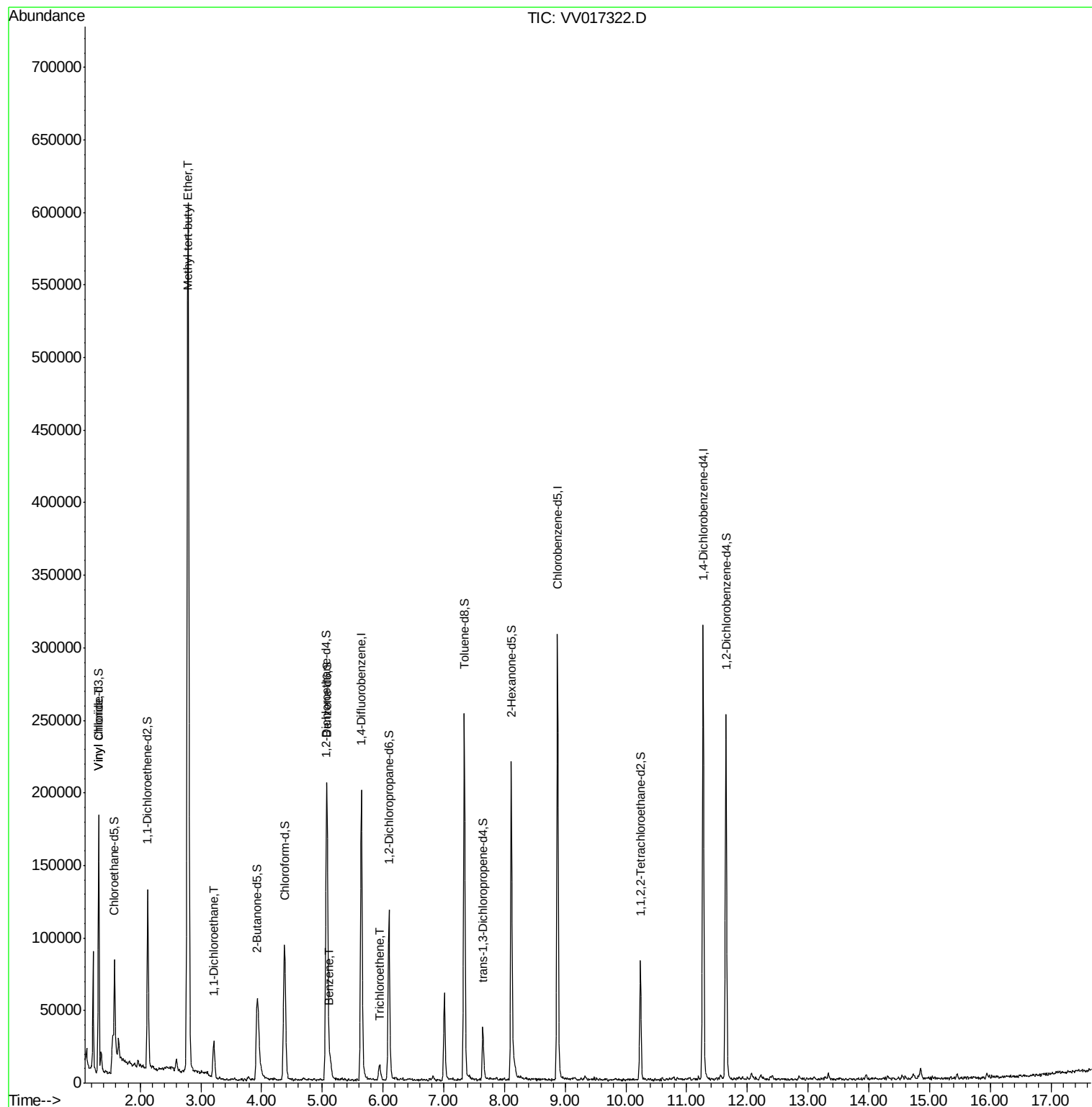
					Ovalue
5) Vinyl chloride	1.32	62	18197	1.690	ug/L 92
17) Methyl tert-butyl Ether	2.79	73	591599	29.927	ug/L 99
19) 1,1-Dichloroethane	3.21	63	24353	1.299	ug/L 97
33) Benzene	5.13	78	13542	0.324	ug/L 100
34) Trichloroethene	5.95	95	3053	0.250	ug/L 96

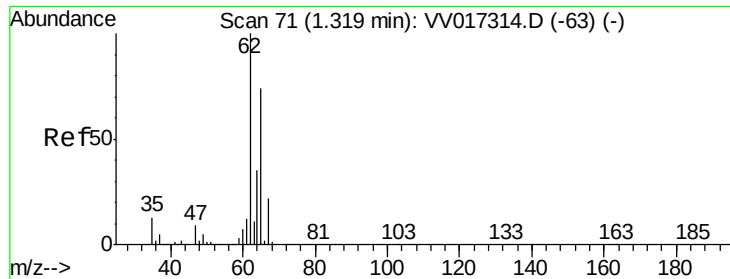
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 1.690 ug/L

RT: 1.32 min Scan# 72

Delta R.T. 0.00 min

Lab File: VV017322.D

Acq: 02 Jul 2020 21:49

Instrument :

MSVOA_V

ClientSampleId :

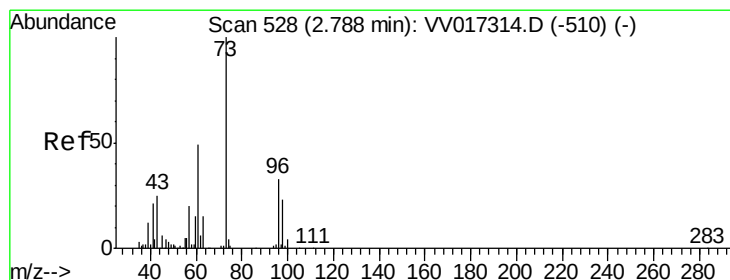
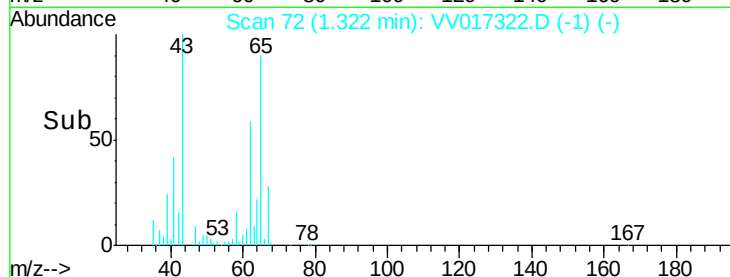
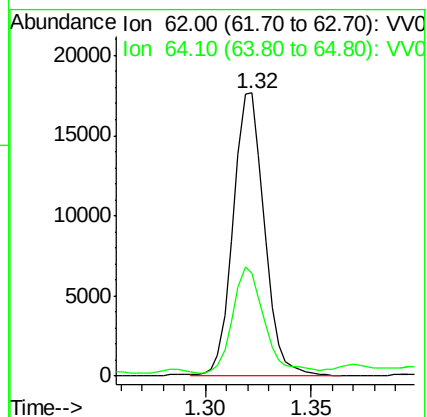
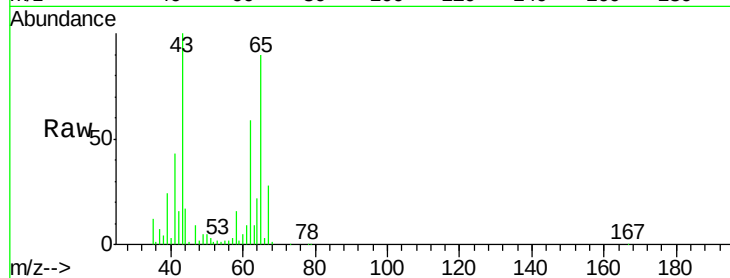
H4294

Tot Ion: 62 Resp: 18197

Ion Ratio Lower Upper

62 100

64 36.5 22.5 41.7



#17

Methyl tert-butyl Ether

Concen: 29.927 ug/L

RT: 2.79 min Scan# 528

Delta R.T. -0.00 min

Lab File: VV017322.D

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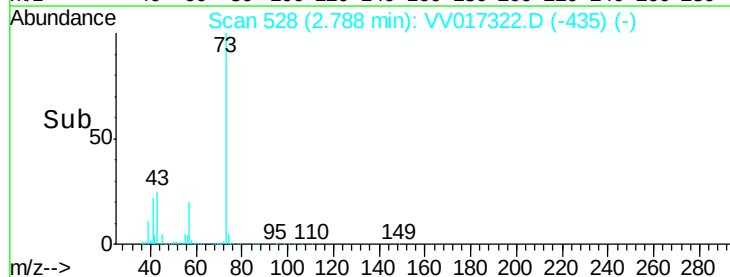
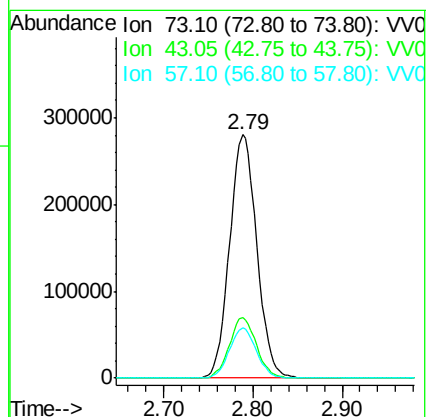
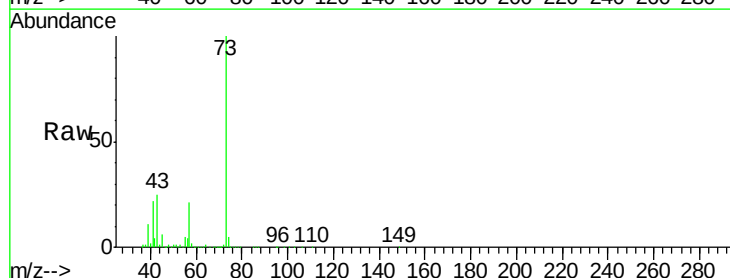
Tgt Ion: 73 Resp: 591599

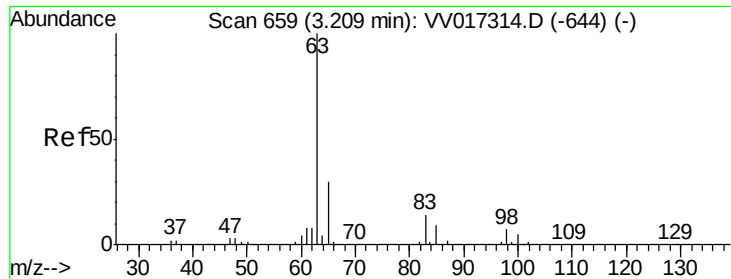
Ion Ratio Lower Upper

73 100

43 24.5 18.6 28.0

57 20.5 16.4 24.6

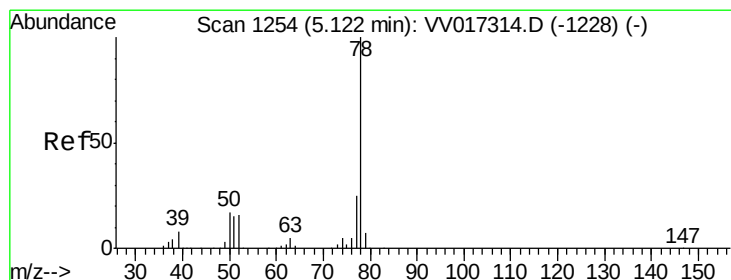
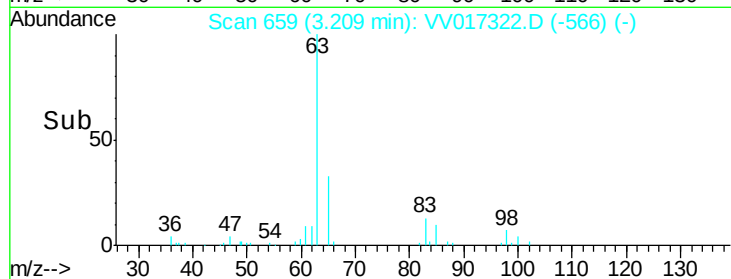
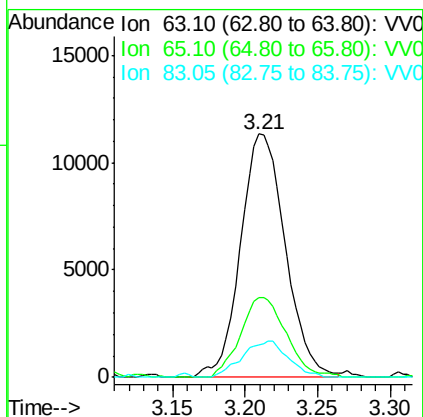
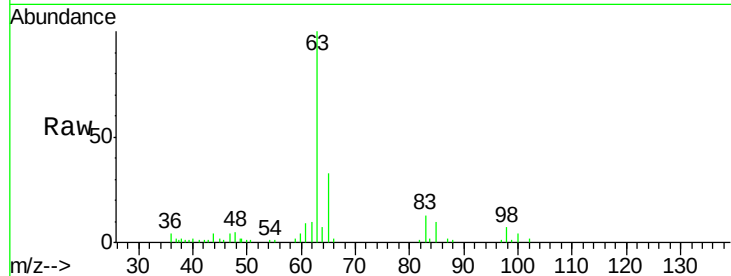




#19
 1,1-Dichloroethane
 Concen: 1.299 ug/L
 RT: 3.21 min Scan# 659
 Delta R.T. -0.00 min
 Lab File: VV017322.D
 Acq: 02 Jul 2020 21:49

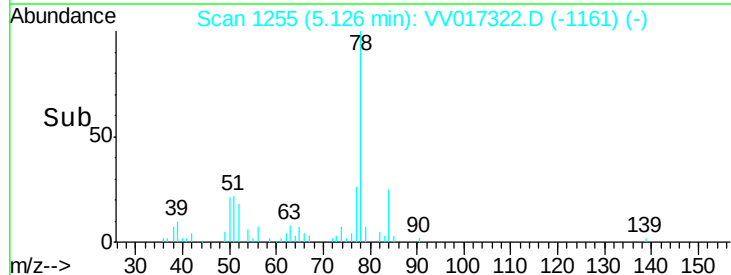
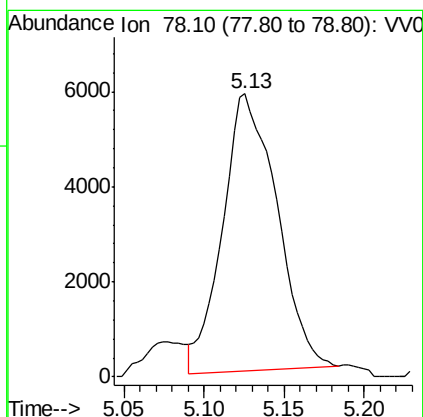
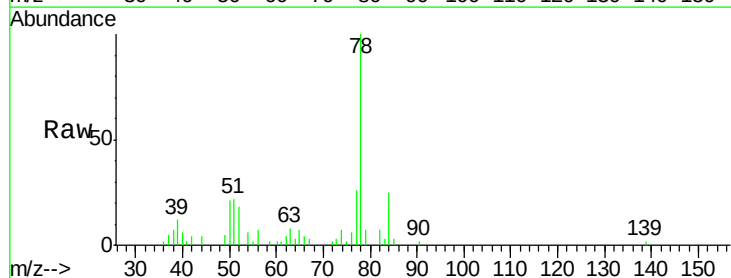
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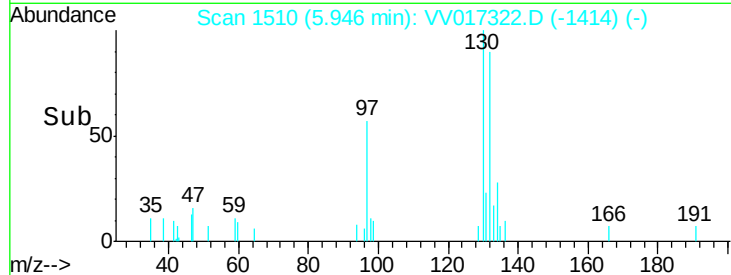
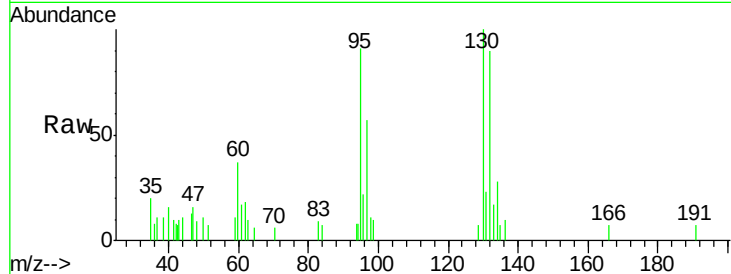
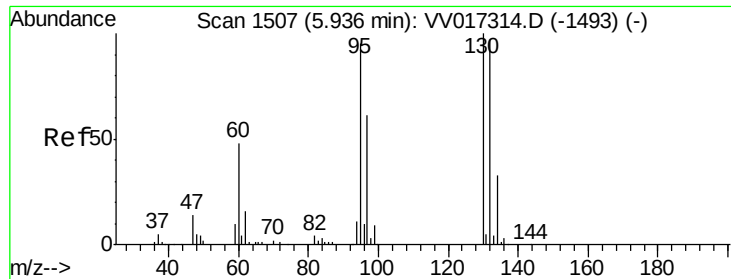
Tot Ion: 63 Resp: 24353
 Ion Ratio Lower Upper
 63 100
 65 32.8 21.8 40.4
 83 13.2 9.7 17.9



#33
 Benzene
 Concen: 0.324 ug/L
 RT: 5.13 min Scan# 1255
 Delta R.T. 0.00 min
 Lab File: VV017322.D
 Acq: 02 Jul 2020 21:49

Tgt Ion: 78 Resp: 13542





#34

Trichloroethene

Concen: 0.250 ug/L

RT: 5.95 min Scan# 1510

Delta R.T. 0.01 min

Lab File: VV017322.D

Acq: 02 Jul 2020 21:49

Instrument :

MSVOA_V

ClientSampleId :

H4294

Tot Ion: 95 Resp: 3053

Ion Ratio Lower Upper

95 100

97 62.3 45.3 84.1

132 98.2 68.8 127.8

130 109.5 70.2 130.4

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

