

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV051520\
 Data File : VV016087.D
 Acq On : 15 May 2020 14:21
 Operator : SY/MD
 Sample : L2661-09
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4257

Quant Time: May 16 02:43:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat May 16 01:43:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.65	114	137935	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	137665	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	62968	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	36889	4.93	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.60%
7) Chloroethane-d5	1.58	69	38672	5.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.00%
11) 1,1-Dichloroethene-d2	2.13	63	59413	3.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.80%
20) 2-Butanone-d5	3.94	46	124086	58.13	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.26%
24) Chloroform-d	4.38	84	86509	5.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.80%
26) 1,2-Dichloroethane-d4	5.06	65	50453	5.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.60%
32) Benzene-d6	5.08	84	166672	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.80%
36) 1,2-Dichloropropane-d6	6.10	67	53513	5.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.00%
41) Toluene-d8	7.34	98	145740	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.20%
45) trans-1,3-Dichloropropene-	7.65	79	18145	4.62	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.40%
48) 2-Hexanone-d5	8.12	63	96230	55.82	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.64%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	39350	5.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.00%
65) 1,2-Dichlorobenzene-d4	11.65	152	54586	5.34	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.80%

Target Compounds

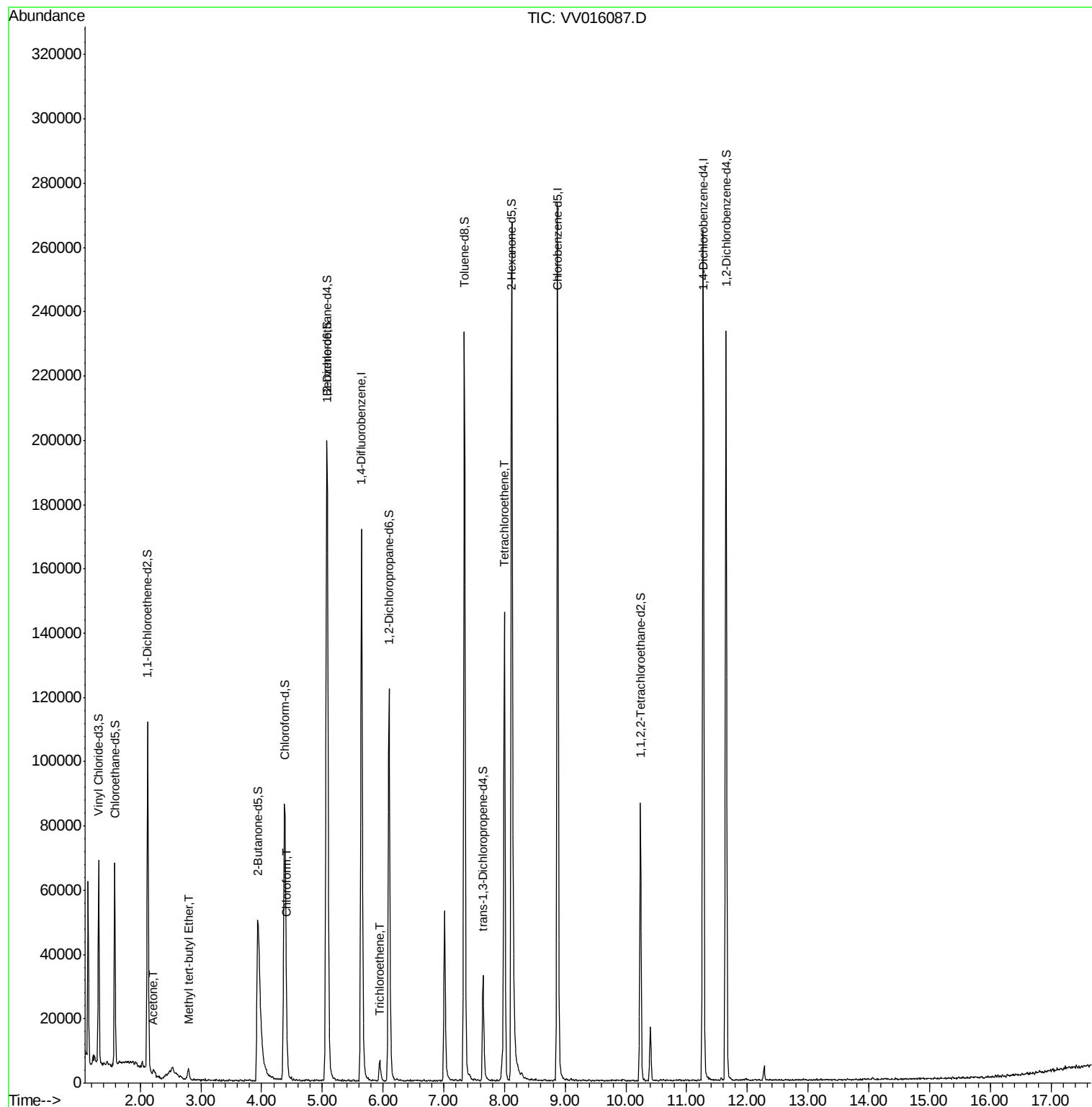
					Ovalue
13) Acetone	2.21	43	4674	3.319 ug/L	89
17) Methyl tert-butyl Ether	2.79	73	2956	0.150 ug/L #	90
25) Chloroform	4.41	83	7538	0.424 ug/L	90
34) Trichloroethene	5.95	95	2131	0.216 ug/L #	86
49) Tetrachloroethene	8.00	164	30639	4.442 ug/L	98

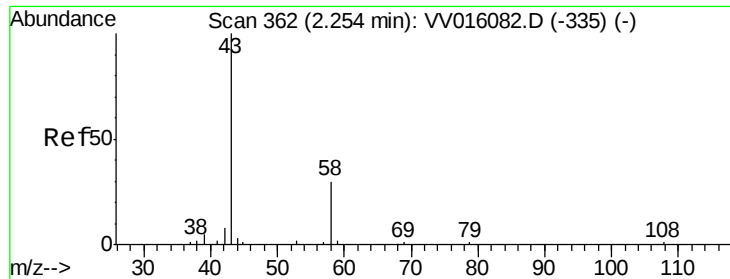
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.319 ug/L

RT: 2.21 min Scan# 348

Delta R.T. -0.05 min

Lab File: VV016087.D

Acq: 15 May 2020 14:21

Instrument :

MSVOA_V

ClientSampled :

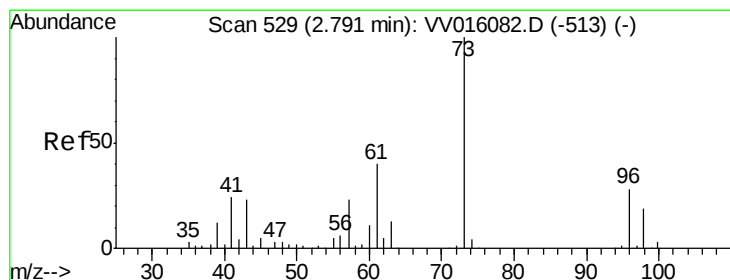
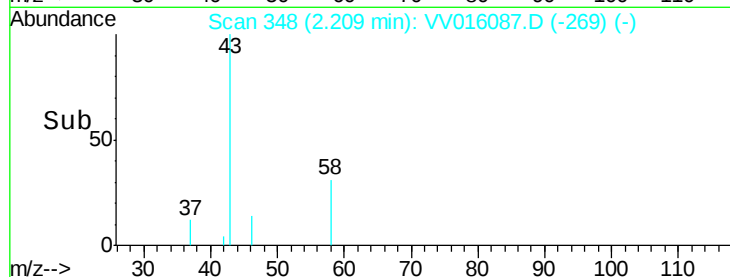
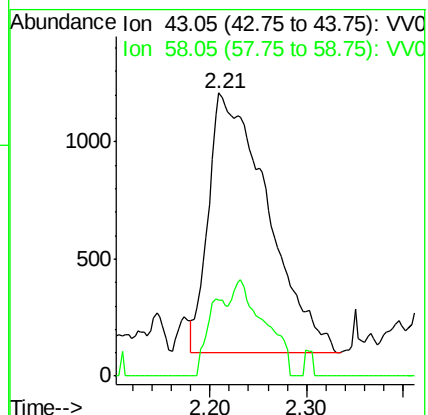
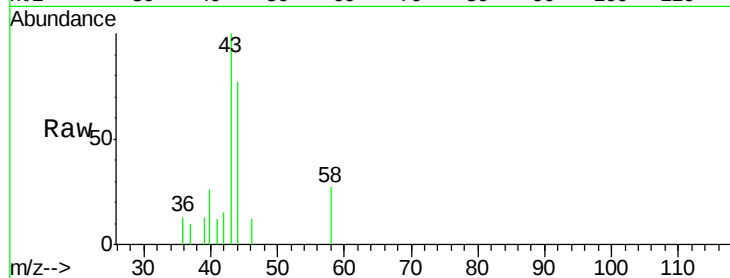
H4257

Tot Ion: 43 Resp: 4674

Ion Ratio Lower Upper

43 100

58 10.6 0.0 30.8



#17

Methyl tert-butyl Ether

Concen: 0.150 ug/L

RT: 2.79 min Scan# 530

Delta R.T. 0.00 min

Lab File: VV016087.D

Acq: 15 May 2020 14:21

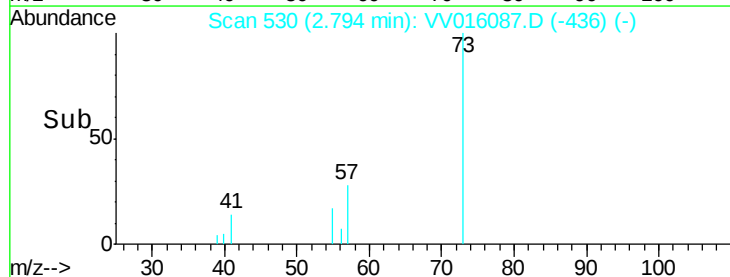
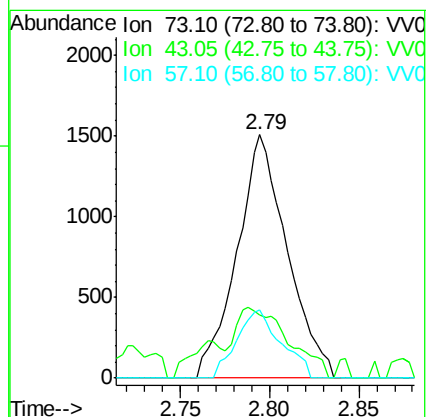
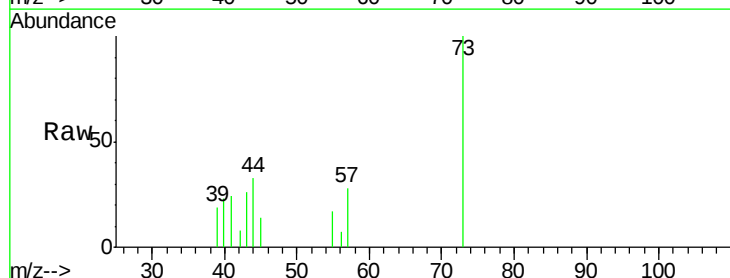
Tgt Ion: 73 Resp: 2956

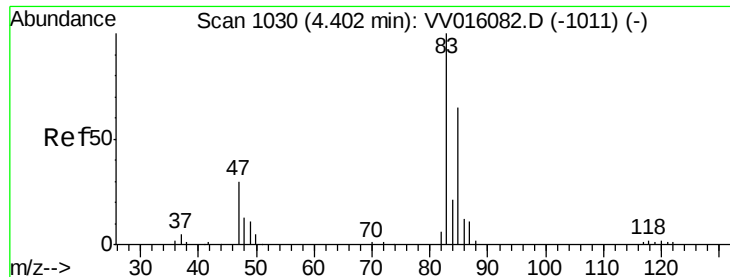
Ion Ratio Lower Upper

73 100

43 30.9 18.8 28.2#

57 24.8 17.8 26.6

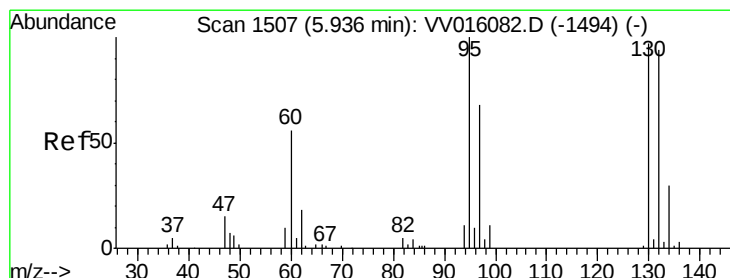
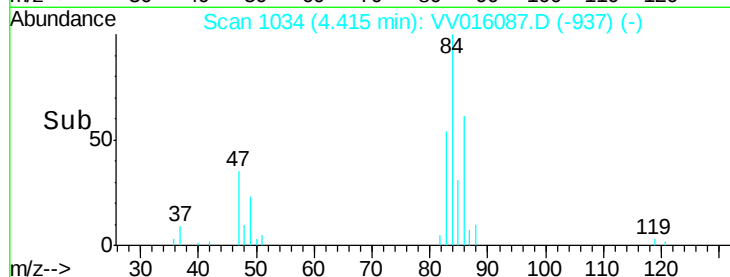
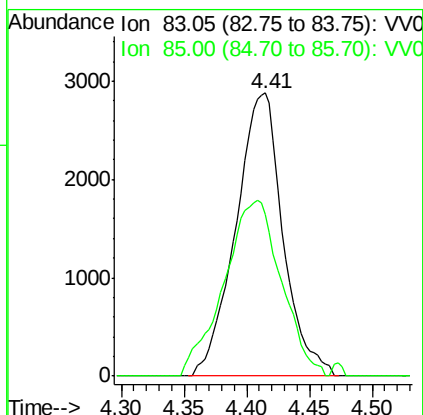
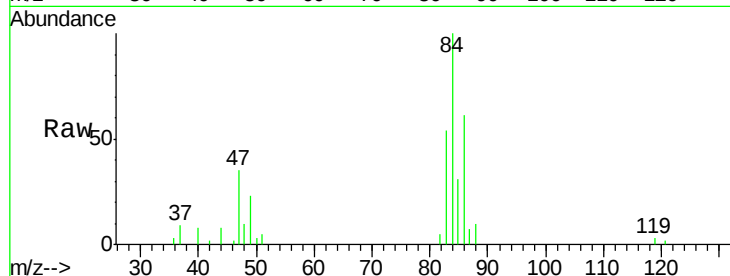




#25
Chloroform
Concen: 0.424 ug/L
RT: 4.41 min Scan# 1034
Delta R.T. 0.01 min
Lab File: VV016087.D
Acq: 15 May 2020 14:21

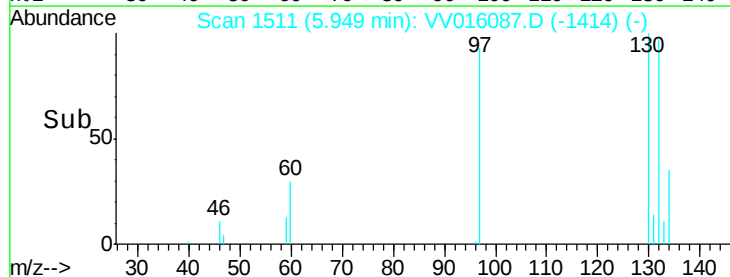
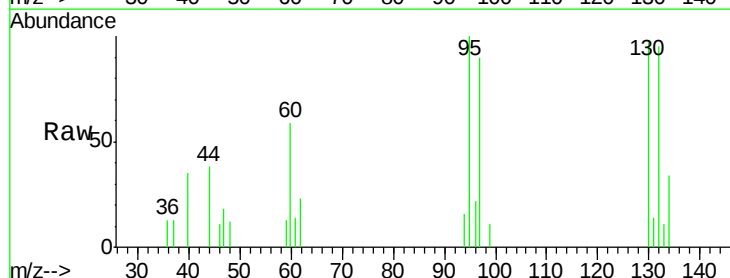
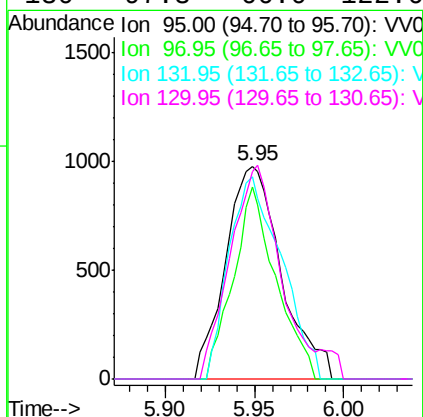
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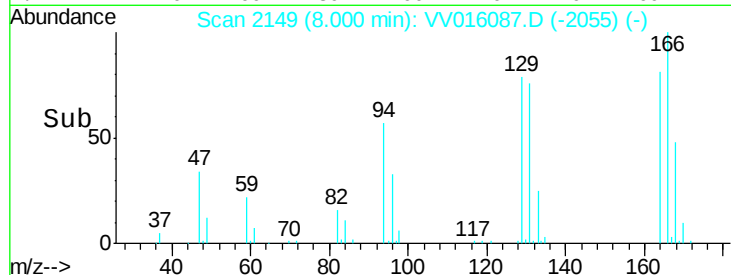
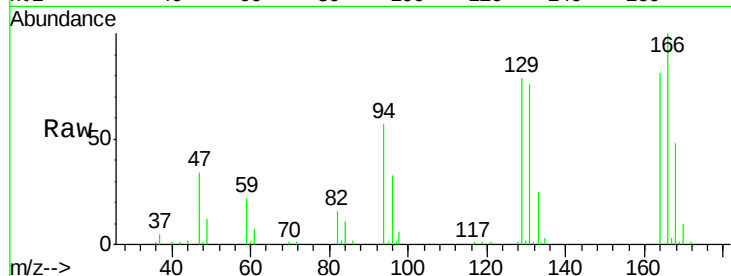
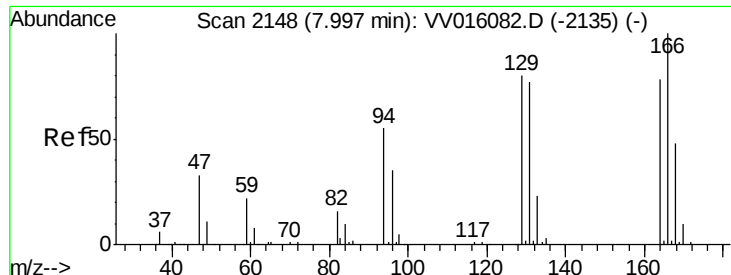
Tot Ion: 83 Resp: 7538
Ion Ratio Lower Upper
83 100
85 57.1 45.7 84.9



#34
Trichloroethene
Concen: 0.216 ug/L
RT: 5.95 min Scan# 1511
Delta R.T. 0.01 min
Lab File: VV016087.D
Acq: 15 May 2020 14:21

Tgt Ion: 95 Resp: 2131
Ion Ratio Lower Upper
95 100
97 90.1 43.3 80.5#
132 94.7 60.3 112.1
130 97.3 66.0 122.6





#49

Tetrachloroethene

Concen: 4.442 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.00 min

Lab File: VV016087.D

Acq: 15 May 2020 14:21

Instrument :

MSVOA_V

ClientSampleId :

H4257

Tot Ion:164 Resp: 30639

Ion Ratio Lower Upper

164 100

129 97.9 69.7 129.4

131 94.6 66.8 124.2

166 124.2 89.1 165.5

Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

