

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070920\
 Data File : VV017419.D
 Acq On : 09 Jul 2020 23:47
 Operator : SY/MD
 Sample : L3253-12
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4A27

Quant Time: Jul 10 05:38:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM070820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 10 05:13:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	272023	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	256290	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	124516	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	58928	41.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.22%
7) Chloroethane-d5	1.58	69	42854	43.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.16%
11) 1,1-Dichloroethene-d2	2.12	63	98967	30.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.72%
21) 2-Butanone-d5	3.91	46	92071	95.19	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.19%
24) Chloroform-d	4.38	84	140289	42.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.66%
26) 1,2-Dichloroethane-d4	5.06	65	106926	47.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.12%
32) Benzene-d6	5.08	84	253534	45.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.58%
36) 1,2-Dichloropropane-d6	6.09	67	75793	47.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.08%
41) Toluene-d8	7.34	98	235860	44.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.62%
43) trans-1,3-Dichloropropene-	7.64	79	41189	44.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.78%
47) 2-Hexanone-d5	8.11	63	60291	92.15	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.15%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	99924	44.64	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.28%
64) 1,2-Dichlorobenzene-d4	11.65	152	101484	48.75	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.50%

Target Compounds

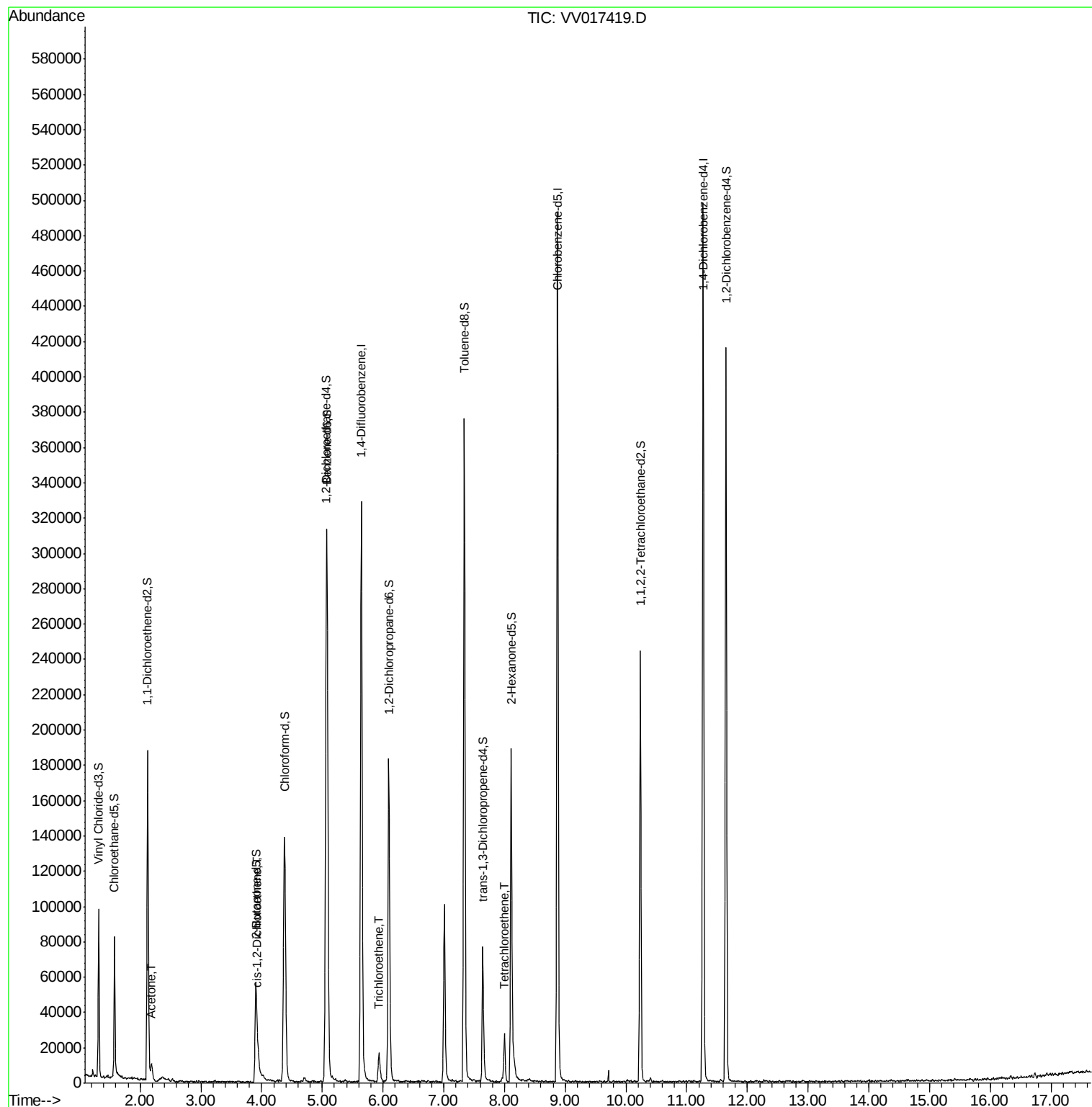
					Ovalue
13) Acetone	2.19	43	11504	8.737 ug/L	92
20) cis-1,2-Dichloroethene	3.94	96	2126	1.117 ug/L	88
34) Trichloroethene	5.95	95	1719	0.855 ug/L	86
46) Tetrachloroethene	8.00	164	6049	3.582 ug/L	91

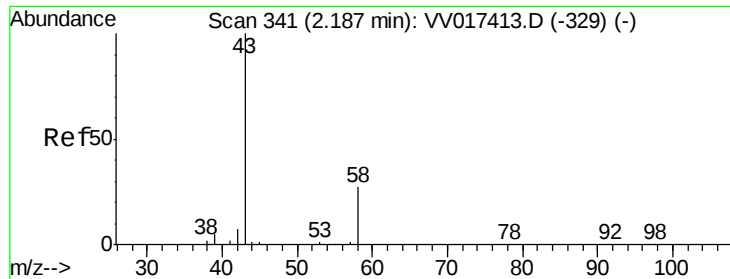
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 8.737 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

Lab File: VV017419.D

Acq: 09 Jul 2020 23:47

Instrument :

MSVOA_V

ClientSampled :

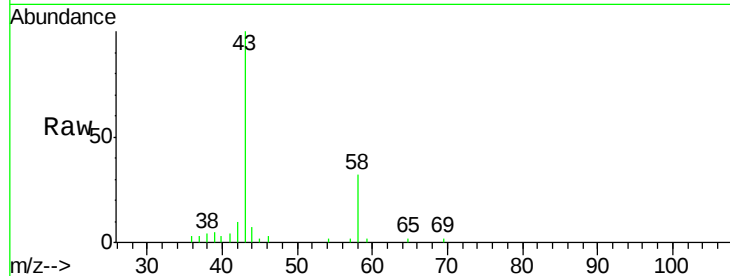
F4A27

Tot Ion: 43 Resp: 11504

Ion Ratio Lower Upper

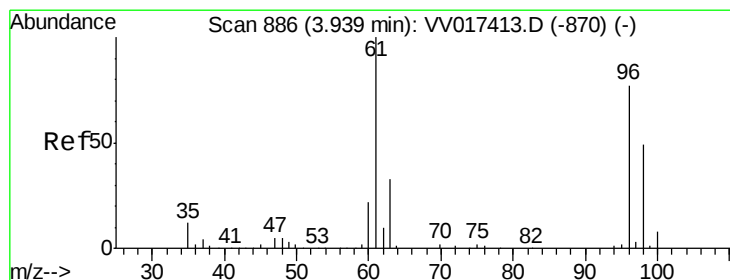
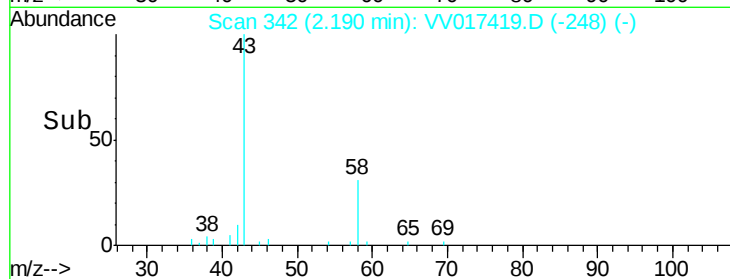
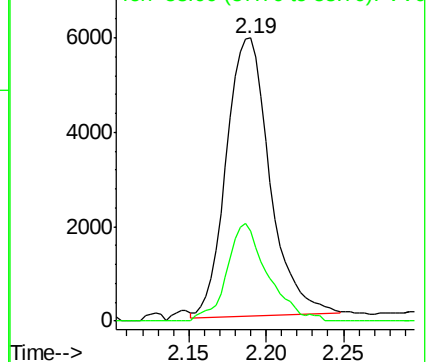
43 100

58 32.2 0.0 56.0



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



#20

cis-1,2-Dichloroethene

Concen: 1.117 ug/L

RT: 3.94 min Scan# 887

Delta R.T. 0.00 min

Lab File: VV017419.D

Acq: 09 Jul 2020 23:47

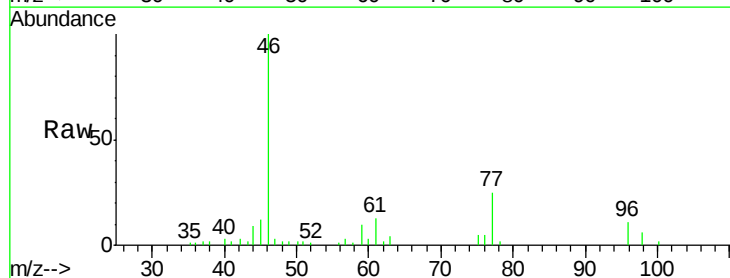
Tgt Ion: 96 Resp: 2126

Ion Ratio Lower Upper

96 100

61 113.4 88.9 165.1

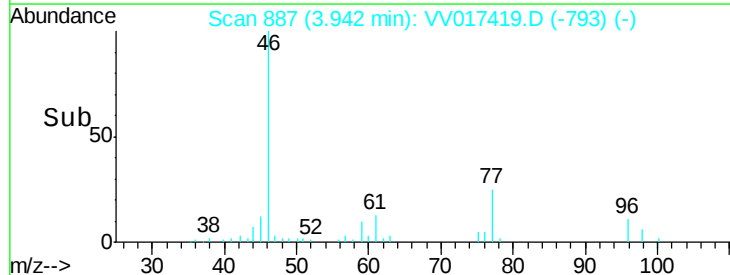
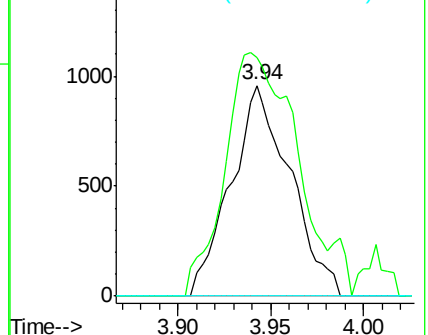
68 0.0 0.0 0.0

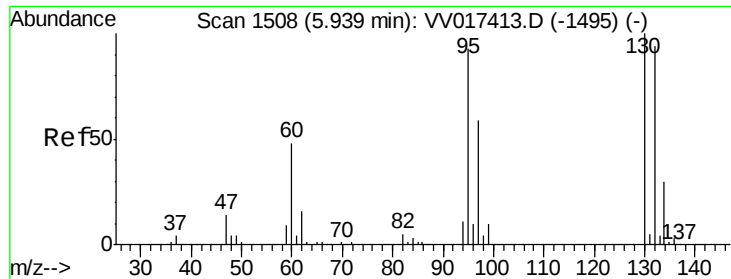


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 68.00 (67.70 to 68.70): VV0





#34

Trichloroethene

Concen: 0.855 ug/L

RT: 5.95 min Scan# 1510

Delta R.T. 0.01 min

Lab File: VV017419.D

Acq: 09 Jul 2020 23:47

Instrument :

MSVOA_V

ClientSampled :

F4A27

Tot Ion: 95 Resp: 1719

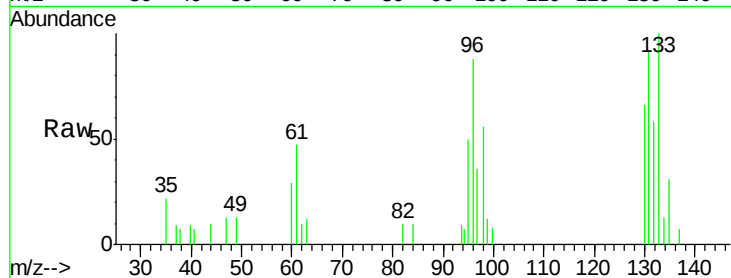
Ion Ratio Lower Upper

95 100

97 71.3 45.6 84.6

132 115.7 74.1 137.5

130 132.1 75.5 140.3



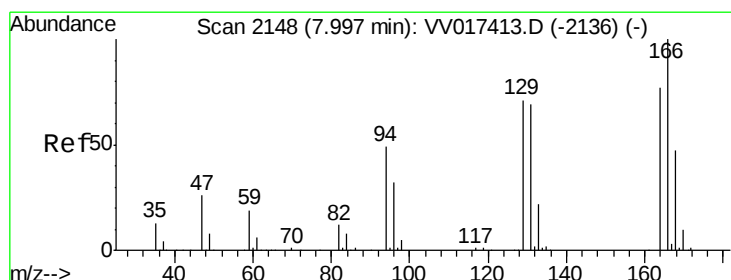
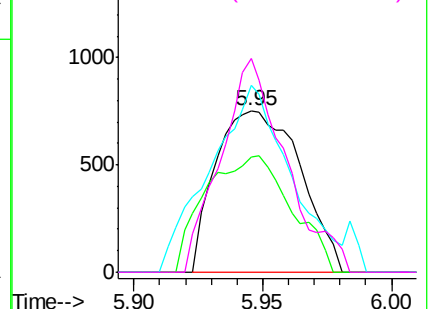
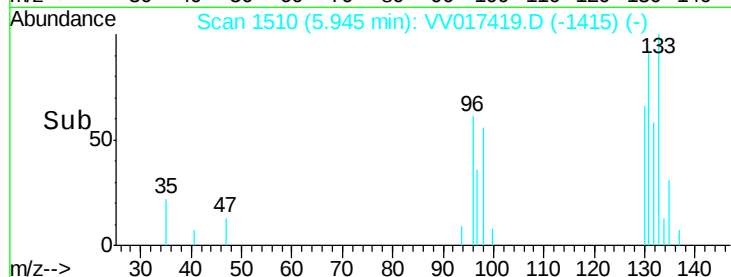
Abundance

Ion 95.00 (94.70 to 95.70): VV017413.D (-1495) (-)

Ion 97.00 (96.70 to 97.70): VV017413.D (-1495) (-)

Ion 132.00 (131.70 to 132.70): VV017413.D (-1495) (-)

Ion 130.00 (129.70 to 130.70): VV017413.D (-1495) (-)



#46

Tetrachloroethene

Concen: 3.582 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.00 min

Lab File: VV017419.D

Acq: 09 Jul 2020 23:47

Tgt Ion: 164 Resp: 6049

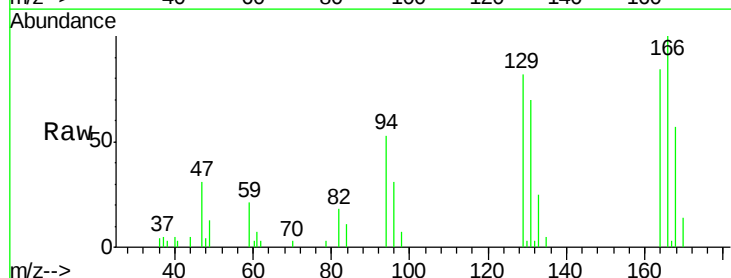
Ion Ratio Lower Upper

164 100

129 98.1 66.6 123.8

131 83.3 65.5 121.7

166 119.6 93.9 174.5



Abundance

Ion 164.00 (163.70 to 164.70): VV017413.D (-2136) (-)

Ion 129.00 (128.70 to 129.70): VV017413.D (-2136) (-)

Ion 131.00 (130.70 to 131.70): VV017413.D (-2136) (-)

Ion 166.00 (165.70 to 166.70): VV017413.D (-2136) (-)

