

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071320\
 Data File : VV017459.D
 Acq On : 13 Jul 2020 10:58
 Operator : SY/MD
 Sample : L3270-13
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 14 05:15:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM070820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 14 05:08:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	263567	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	247729	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	123089	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	78961	57.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	115.10%
7) Chloroethane-d5	1.58	69	57839	60.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	120.02%
11) 1,1-Dichloroethene-d2	2.12	63	123580	39.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.56%
21) 2-Butanone-d5	3.90	46	96151	102.59	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.59%
24) Chloroform-d	4.37	84	157370	49.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.16%
26) 1,2-Dichloroethane-d4	5.05	65	118272	54.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.58%
32) Benzene-d6	5.07	84	290205	54.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.46%
36) 1,2-Dichloropropane-d6	6.09	67	82611	53.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.22%
41) Toluene-d8	7.33	98	273811	53.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.44%
43) trans-1,3-Dichloropropene-	7.64	79	48646	54.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	108.48%
47) 2-Hexanone-d5	8.11	63	63221	99.96	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.96%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	101713	47.01	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.02%
64) 1,2-Dichlorobenzene-d4	11.65	152	117928	57.30	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	114.60%

Target Compounds

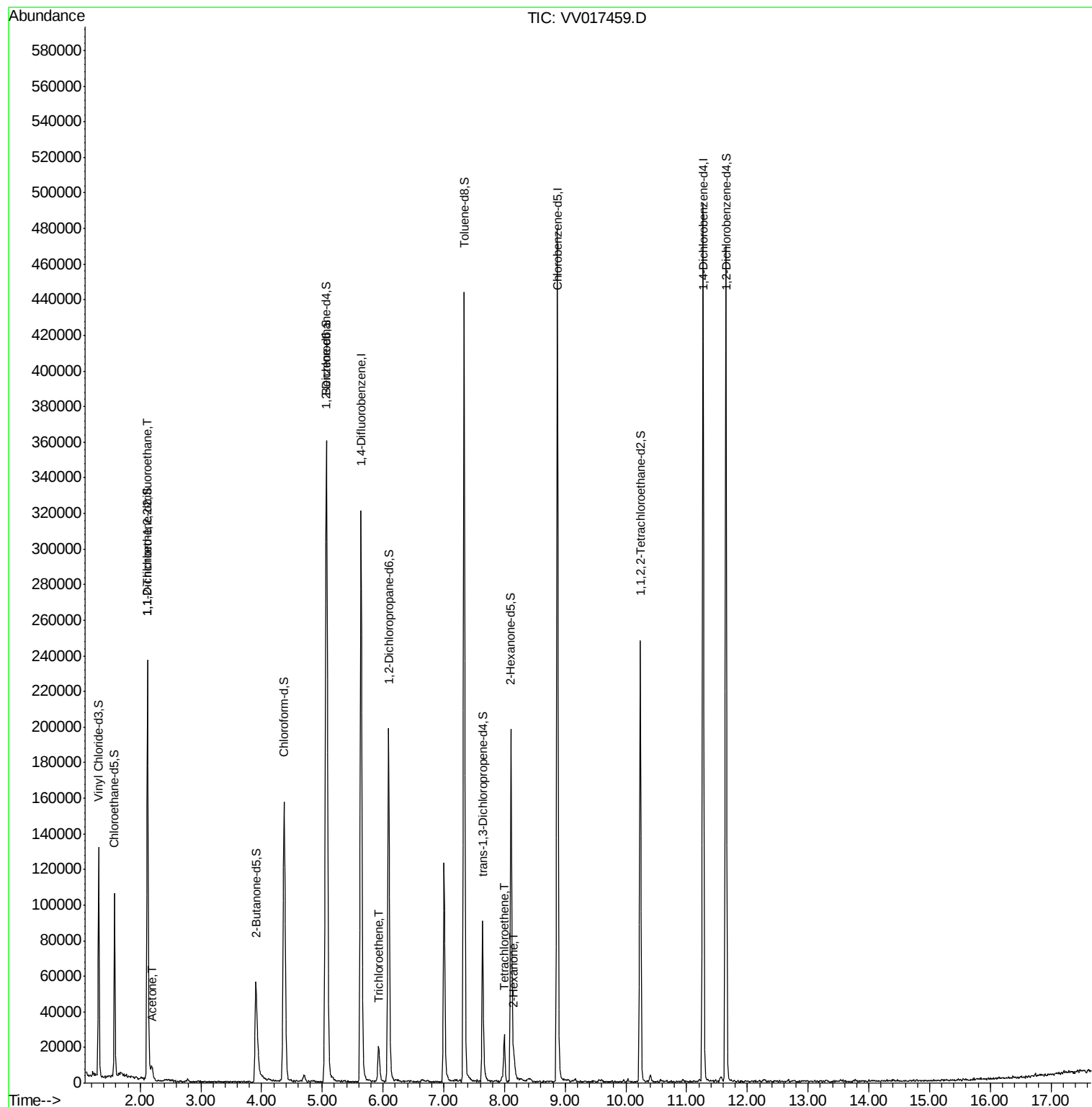
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1297	0.741 ug/L #	25
13) Acetone	2.19	43	11575	9.073 ug/L	98
34) Trichloroethene	5.94	95	1500	0.772 ug/L #	75
46) Tetrachloroethene	8.00	164	5944	3.641 ug/L	95
48) 2-Hexanone	8.16	43	4346	2.424 ug/L #	45

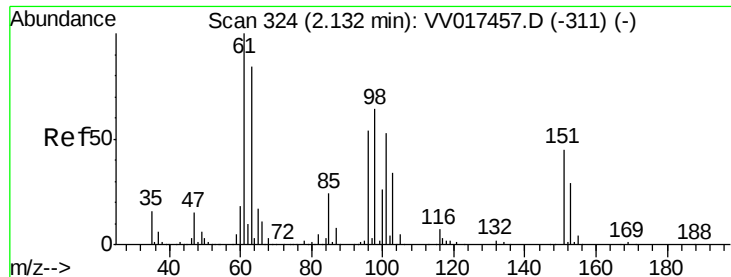
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.741 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV017459.D

Acq: 13 Jul 2020 10:58

Instrument :

MSVOA_V

ClientSampled :

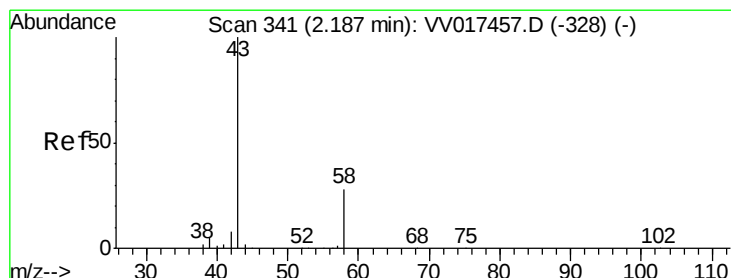
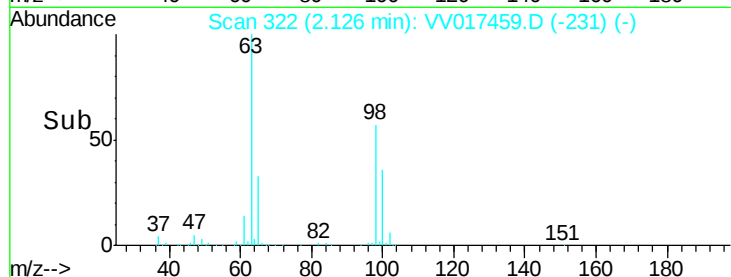
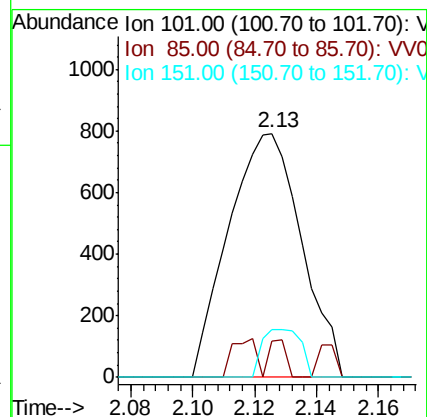
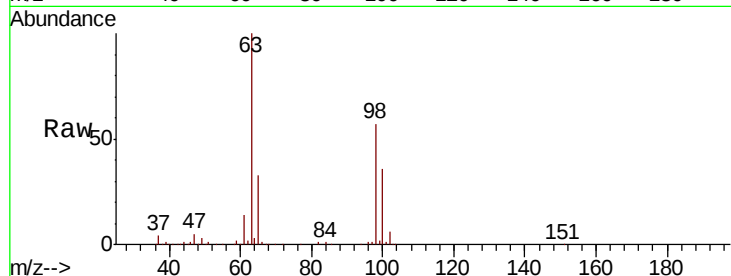
Tot Ion:101 Resp: 1297

Ion Ratio Lower Upper

101 100

85 3.5 36.2 54.4#

151 10.4 66.8 100.2#



#13

Acetone

Concen: 9.073 ug/L

RT: 2.19 min Scan# 343

Delta R.T. 0.01 min

Lab File: VV017459.D

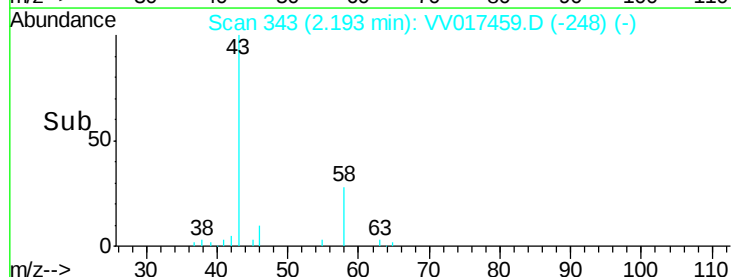
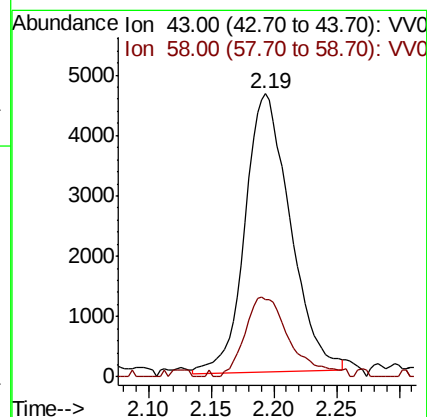
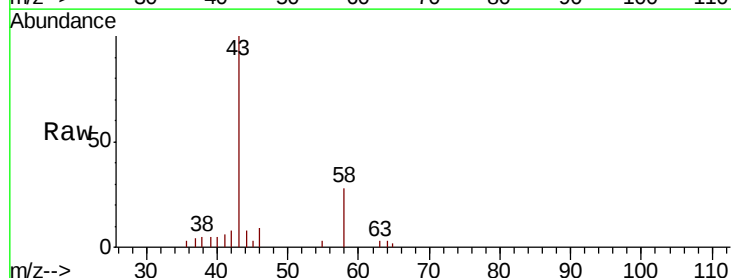
Acq: 13 Jul 2020 10:58

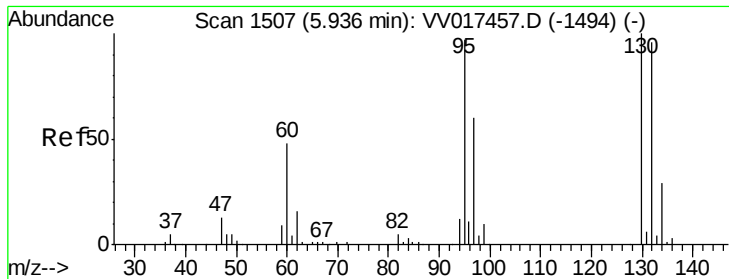
Tgt Ion: 43 Resp: 11575

Ion Ratio Lower Upper

43 100

58 27.1 0.0 56.0





#34

Trichloroethene

Concen: 0.772 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV017459.D

Acq: 13 Jul 2020 10:58

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 95 Resp: 1500

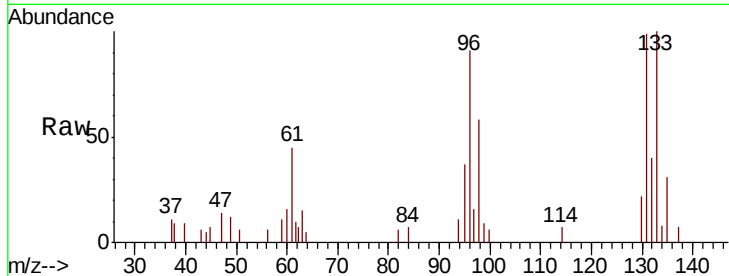
Ion Ratio Lower Upper

95 100

97 44.1 45.6 84.6#

132 108.2 74.1 137.5

130 59.4 75.5 140.3#

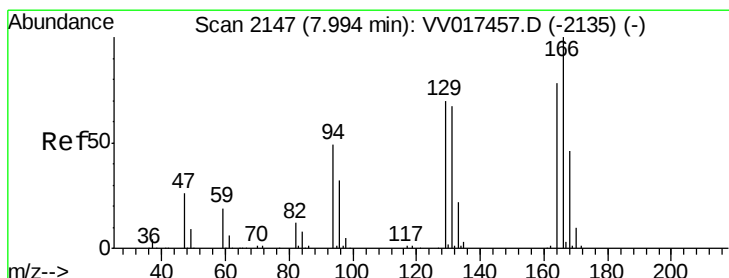
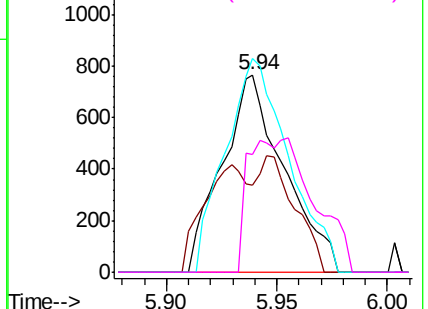
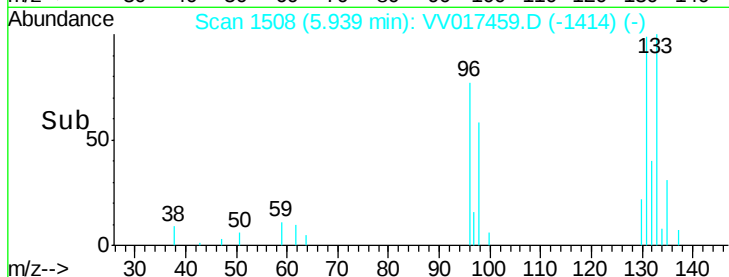


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#46

Tetrachloroethene

Concen: 3.641 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV017459.D

Acq: 13 Jul 2020 10:58

Tgt Ion: 164 Resp: 5944

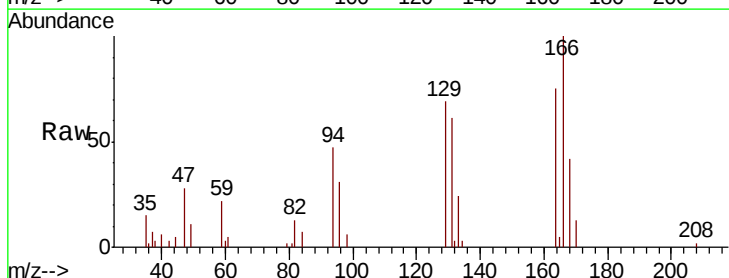
Ion Ratio Lower Upper

164 100

129 92.8 66.6 123.8

131 81.7 65.5 121.7

166 133.7 93.9 174.5

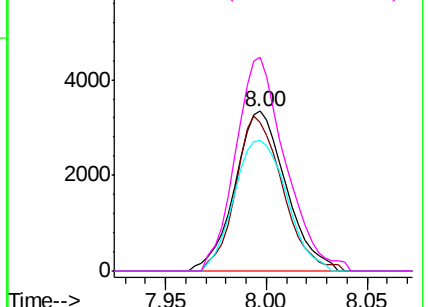
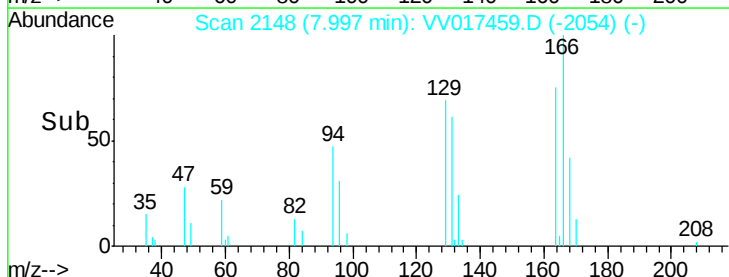


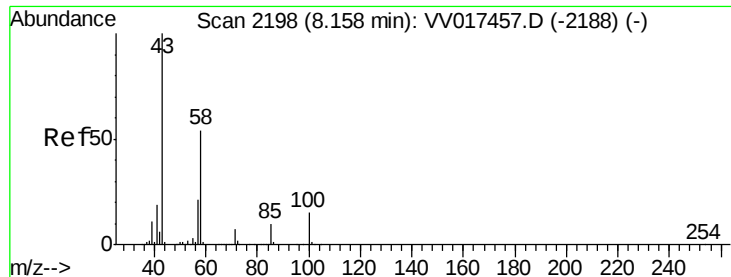
Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V





#48
 2-Hexanone
 Concen: 2.424 ug/L
 RT: 8.16 min Scan# 2199
 Delta R.T. 0.00 min
 Lab File: VV017459.D
 Acq: 13 Jul 2020 10:58

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
43	100		
58	0.0	42.6	64.0#
57	5.0	16.2	24.4#
100	9.8	10.9	16.3#

