

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060320\
 Data File : VV016494.D
 Acq On : 04 Jun 2020 06:47
 Operator : SY/MD
 Sample : L2861-06
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 04 07:41:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 04 05:34:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	371757	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	352628	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	165824	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	102115	38.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.56%
7) Chloroethane-d5	1.58	69	80912	42.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.14%
11) 1,1-Dichloroethene-d2	2.12	63	149423	32.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.02%
21) 2-Butanone-d5	3.89	46	177424	105.38	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.38%
24) Chloroform-d	4.37	84	229876	46.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.04%
26) 1,2-Dichloroethane-d4	5.05	65	163030	49.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.54%
32) Benzene-d6	5.07	84	458993	48.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.18%
36) 1,2-Dichloropropane-d6	6.09	67	145584	49.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.92%
41) Toluene-d8	7.34	98	408888	47.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.32%
43) trans-1,3-Dichloropropene-	7.64	79	63738	44.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.88%
47) 2-Hexanone-d5	8.11	63	137688	109.23	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.23%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	197366	49.44	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.88%
64) 1,2-Dichlorobenzene-d4	11.65	152	164666	52.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.68%

Target Compounds

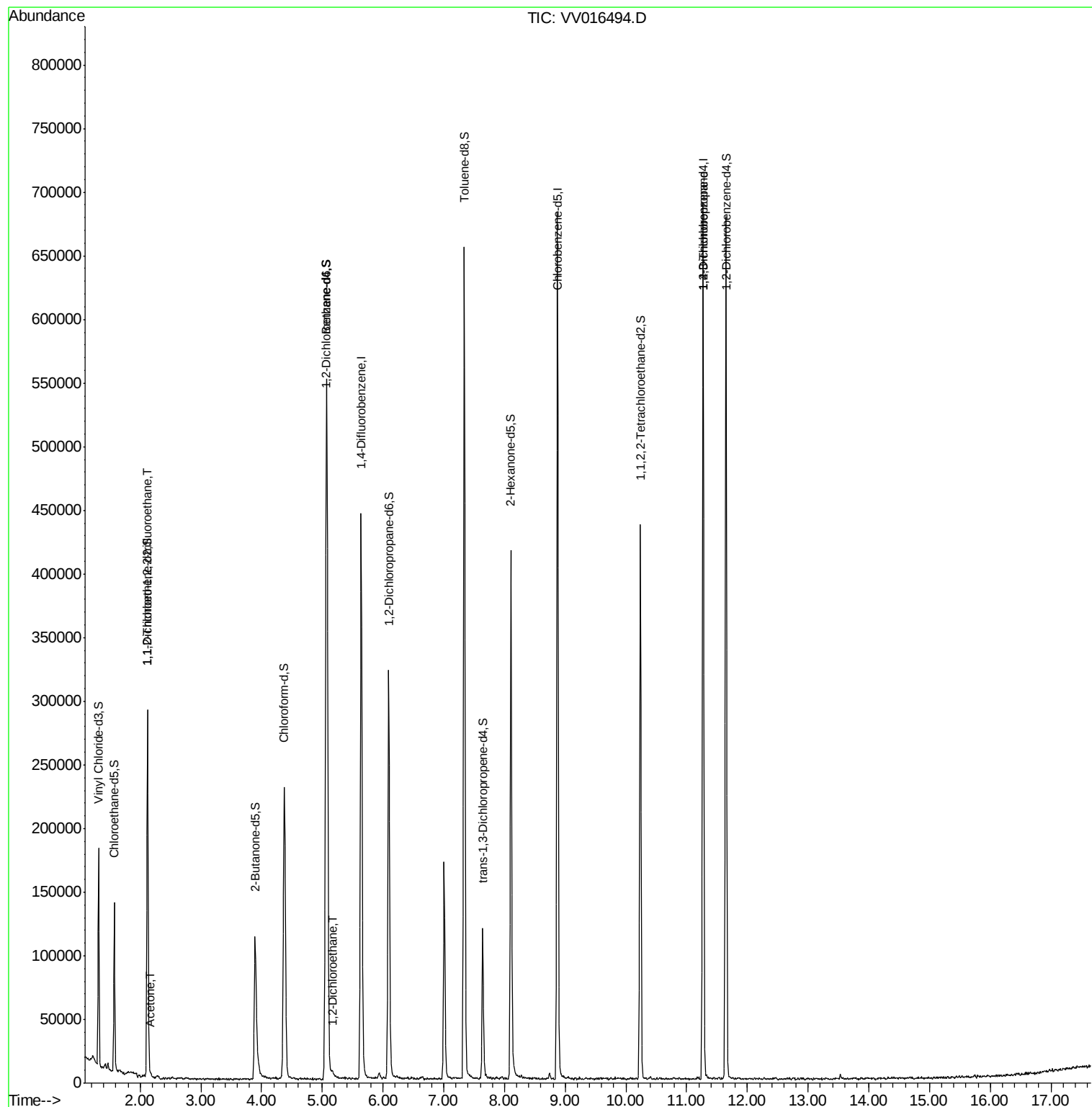
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1569	0.732 ug/L #	22
13) Acetone	2.17	43	2090	1.328 ug/L	81
27) 1,2-Dichloroethane	5.17	62	4716	1.150 ug/L #	93
59) 1,2,3-Trichloropropane	11.27	75	19929	5.908 ug/L	90

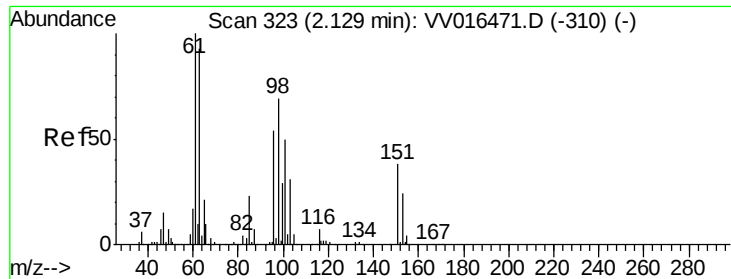
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.732 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.00 min

Lab File: VV016494.D

Acq: 04 Jun 2020 06:47

Instrument :

MSVOA_V

ClientSampleId :

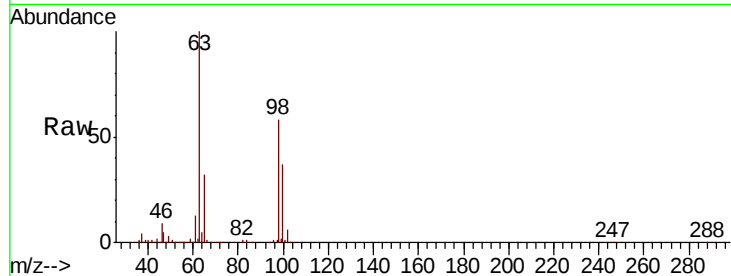
Tot Ion:101 Resp: 1569

Ion Ratio Lower Upper

101 100

85 3.0 35.6 53.4#

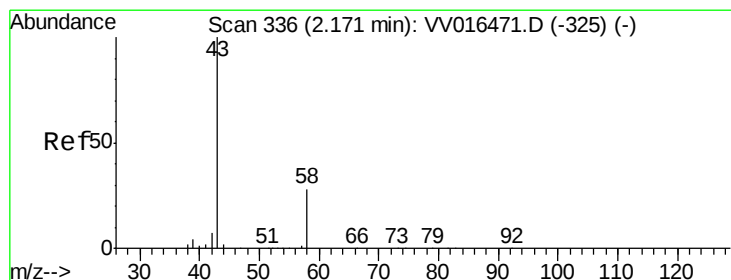
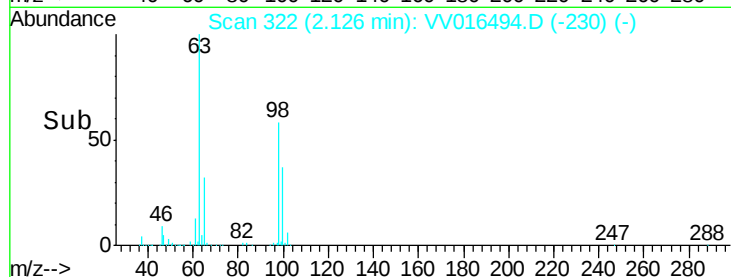
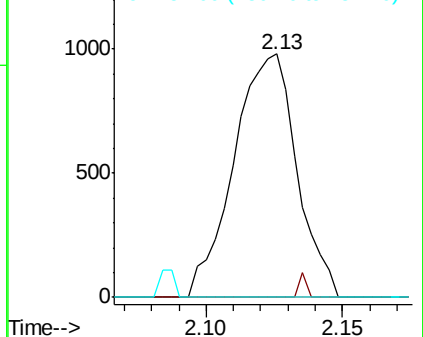
151 2.7 61.8 92.8#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 1.328 ug/L

RT: 2.17 min Scan# 336

Delta R.T. 0.00 min

Lab File: VV016494.D

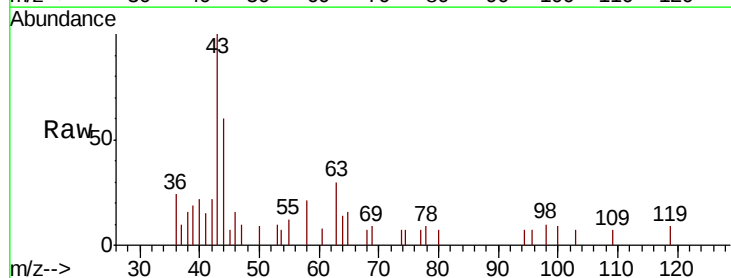
Acq: 04 Jun 2020 06:47

Tgt Ion: 43 Resp: 2090

Ion Ratio Lower Upper

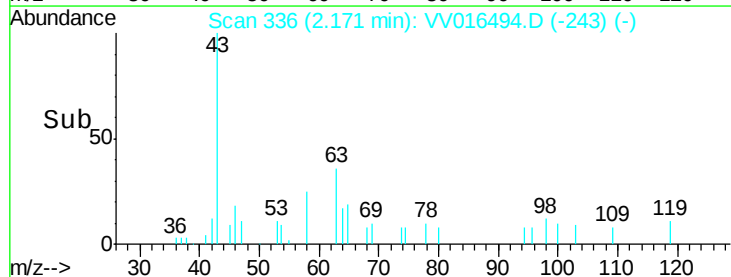
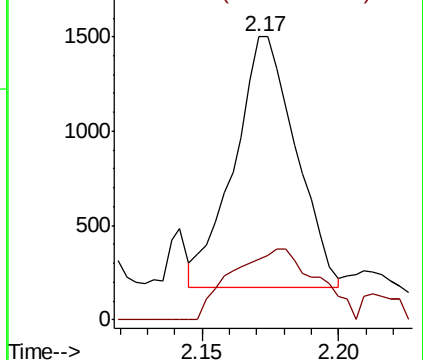
43 100

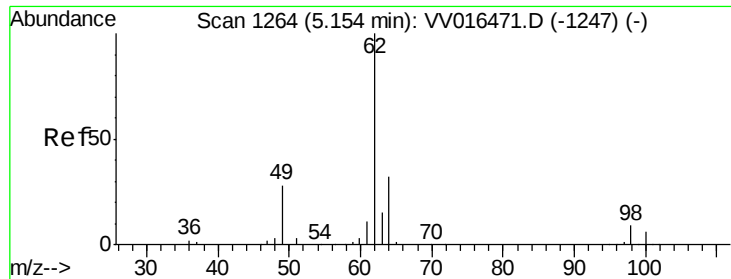
58 38.9 0.0 57.2



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0





#27

1,2-Dichloroethane

Concen: 1.150 ug/L

RT: 5.17 min Scan# 1268

Delta R.T. 0.01 min

Lab File: VV016494.D

Acq: 04 Jun 2020 06:47

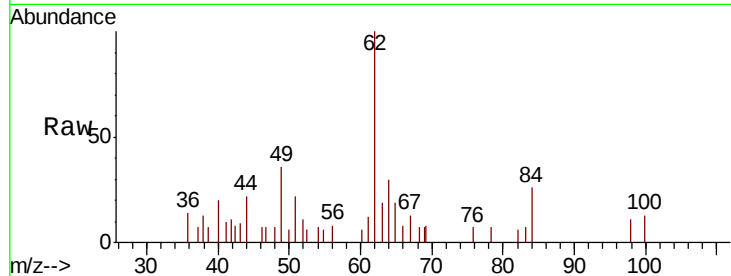
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 62 Resp: 4716

Ion Ratio Lower Upper

62 100

98 11.1 6.9 10.3#



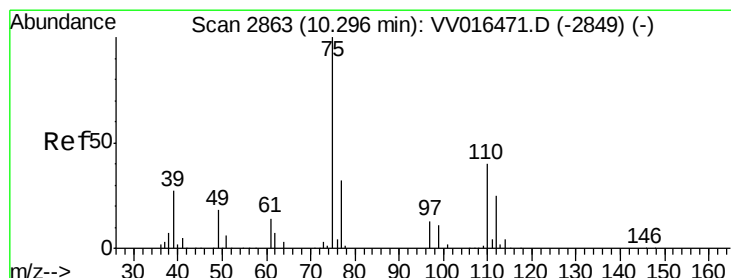
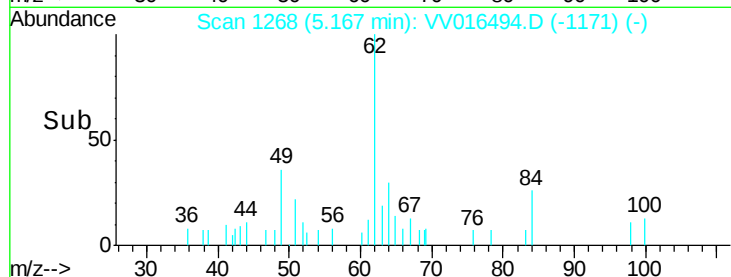
Abundance Ion 62.00 (61.70 to 62.70): VV016494.D (-1171) (-)

Ion 98.00 (97.70 to 98.70): VV016494.D (-1171) (-)

5.17

5.15 5.20

Time-->



#59

1,2,3-Trichloropropane

Concen: 5.908 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.97 min

Lab File: VV016494.D

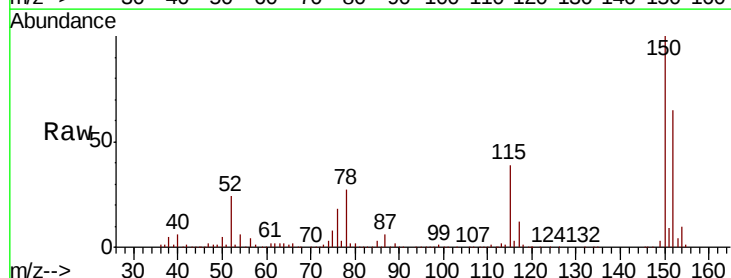
Acq: 04 Jun 2020 06:47

Tgt Ion: 75 Resp: 19929

Ion Ratio Lower Upper

75 100

77 38.9 26.6 40.0



Abundance Ion 75.00 (74.70 to 75.70): VV016494.D (-2241) (-)

Ion 77.00 (76.70 to 77.70): VV016494.D (-2241) (-)

11.27

11.25 11.30 11.35

Time-->

