

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101920\
 Data File : VV018978.D
 Acq On : 19 Oct 2020 18:20
 Operator : SY/MD
 Sample : L4426-17
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG412

Quant Time: Oct 20 01:08:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 20 01:05:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	299365	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	299598	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	139064	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	102910	41.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.52%
7) Chloroethane-d5	1.58	69	92962	47.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.22%
11) 1,1-Dichloroethene-d2	2.12	63	165548	35.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.18%
21) 2-Butanone-d5	3.91	46	163722	95.32	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.32%
24) Chloroform-d	4.37	84	198753	44.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.78%
26) 1,2-Dichloroethane-d4	5.06	65	138888	47.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.52%
32) Benzene-d6	5.08	84	384041	43.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.82%
36) 1,2-Dichloropropane-d6	6.09	67	126726	45.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.64%
41) Toluene-d8	7.34	98	335584	42.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.54%
43) trans-1,3-Dichloropropene-	7.64	79	58380	42.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.42%
47) 2-Hexanone-d5	8.11	63	74524	71.74	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	71.74%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	119804	36.56	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	73.12%
64) 1,2-Dichlorobenzene-d4	11.65	152	140370	49.61	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.22%

Target Compounds

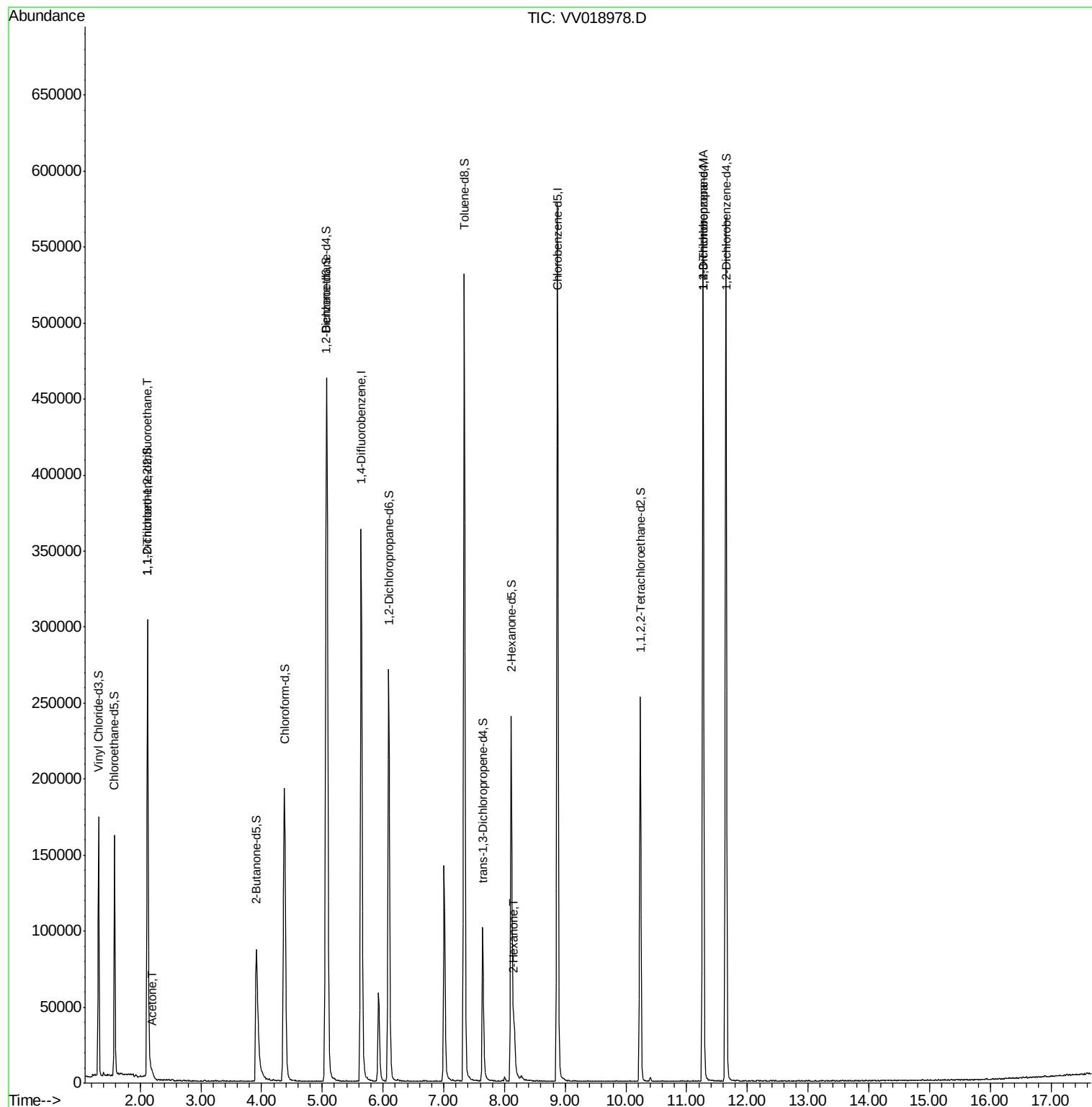
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1415	0.729 ug/L #	20
13) Acetone	2.20	43	6328	5.042 ug/L	95
48) 2-Hexanone	8.16	43	23151	8.612 ug/L #	83
59) 1,2,3-Trichloropropane	11.27	75	16812	5.649 ug/L	89

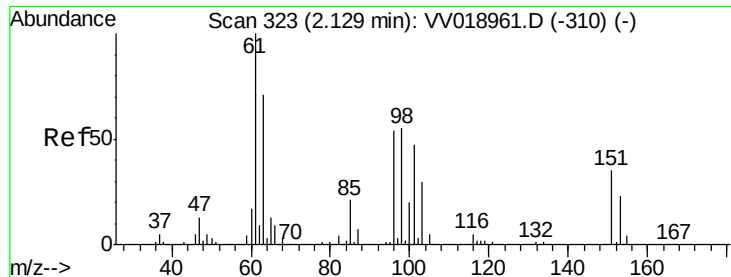
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.729 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018978.D

Acq: 19 Oct 2020 18:20

Instrument :

MSVOA_V

ClientSampleId :

BG412

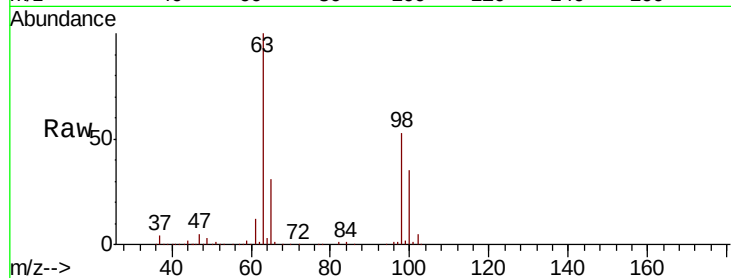
Tot Ion:101 Resp: 1415

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

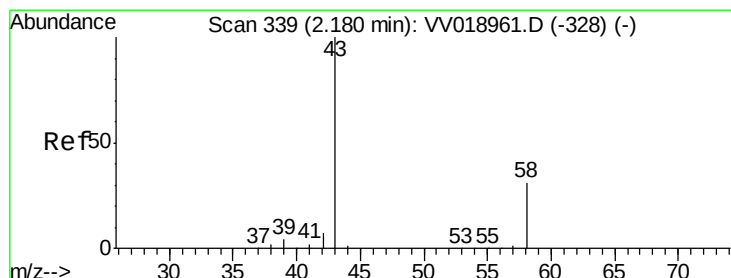
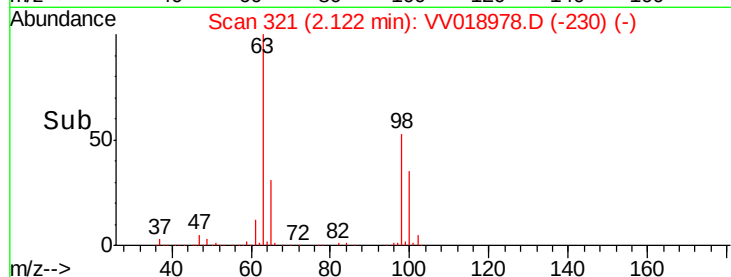
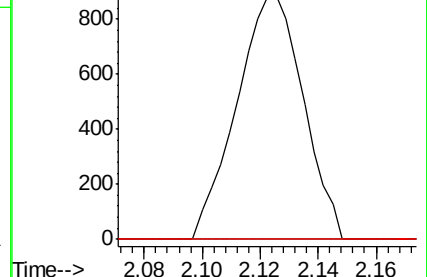
151 0.0 59.7 89.5#



Abundance Ion 101.00 (100.70 to 101.70): VV018961.D (-310) (-)

Ion 85.00 (84.70 to 85.70): VV018961.D (-310) (-)

Ion 151.00 (150.70 to 151.70): VV018961.D (-310) (-)



#13

Acetone

Concen: 5.042 ug/L

RT: 2.20 min Scan# 346

Delta R.T. 0.02 min

Lab File: VV018978.D

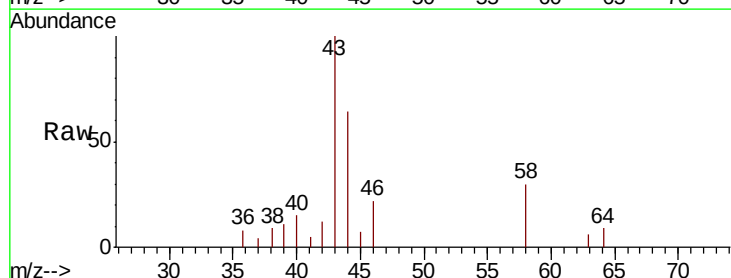
Acq: 19 Oct 2020 18:20

Tgt Ion: 43 Resp: 6328

Ion Ratio Lower Upper

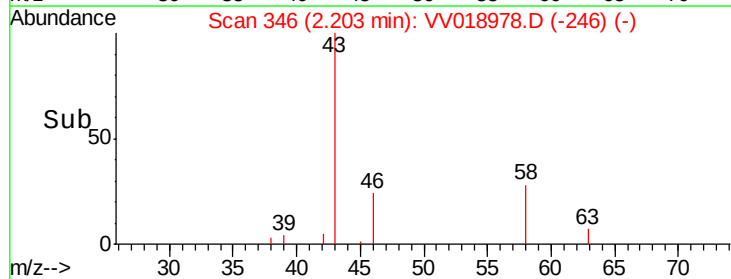
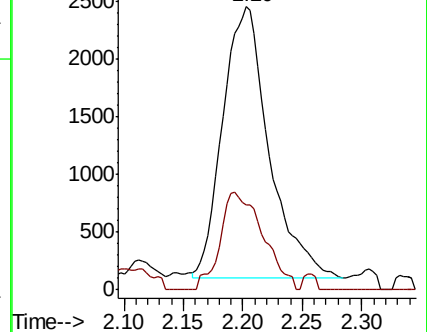
43 100

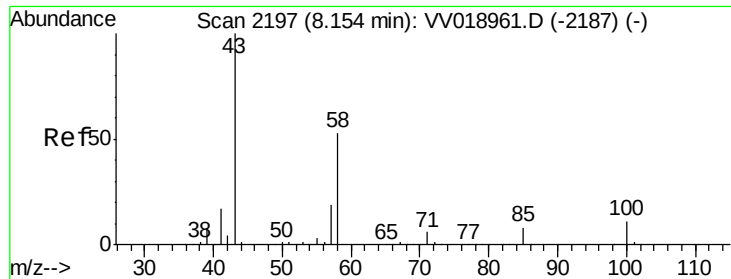
58 26.6 0.0 58.8



Abundance Ion 43.00 (42.70 to 43.70): VV018978.D (-246) (-)

Ion 58.00 (57.70 to 58.70): VV018978.D (-246) (-)

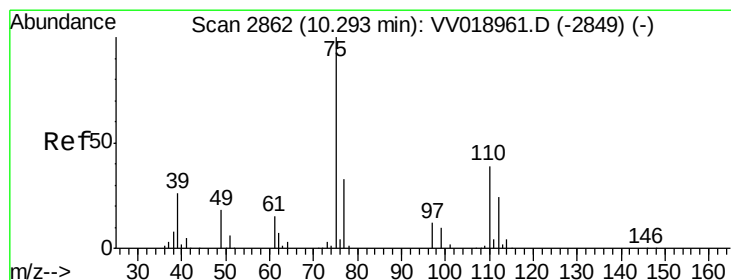
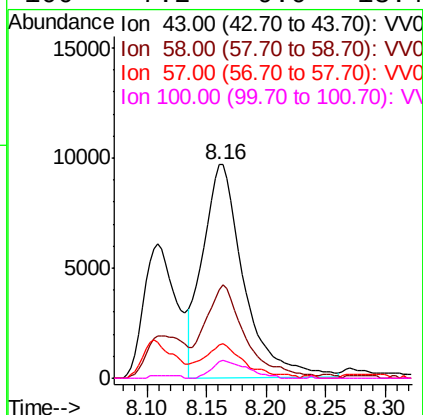
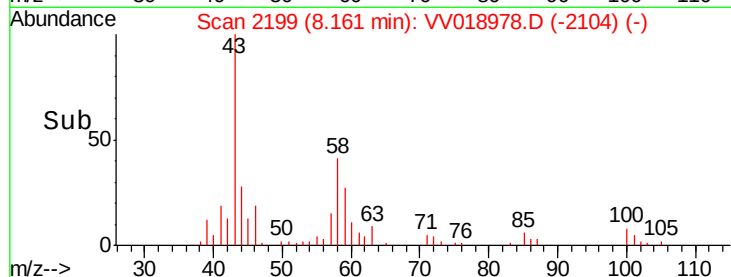
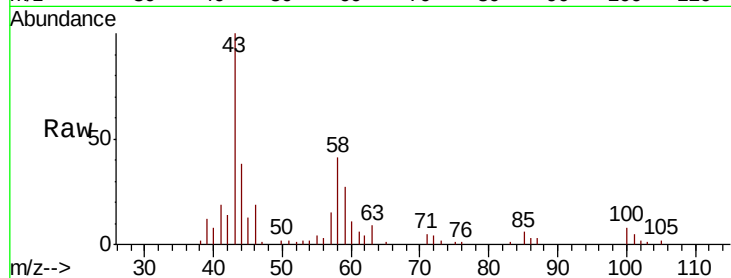




#48
 2-Hexanone
 Concen: 8.612 ug/L
 RT: 8.16 min Scan# 2199
 Delta R.T. 0.01 min
 Lab File: VV018978.D
 Acq: 19 Oct 2020 18:20

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 MSVOA_V
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 BG412

Tot Ion: 43 Resp: 23151
 Ion Ratio Lower Upper
 43 100
 58 40.8 42.5 63.7#
 57 8.5 14.5 21.7#
 100 7.2 9.0 13.4#



#59
 1,2,3-Trichloropropane
 Concen: 5.649 ug/L
 RT: 11.27 min Scan# 3166
 Delta R.T. 0.98 min
 Lab File: VV018978.D
 Acq: 19 Oct 2020 18:20

Tgt Ion: 75 Resp: 16812
 Ion Ratio Lower Upper
 75 100
 77 37.7 25.4 38.2

