

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101020\
 Data File : VV018828.D
 Acq On : 10 Oct 2020 13:30
 Operator : SY/MD
 Sample : L4239-20
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3Z5

Quant Time: Oct 12 04:51:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Oct 12 04:43:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	347189	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	340881	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	146850	50.00	ug/L	0.00

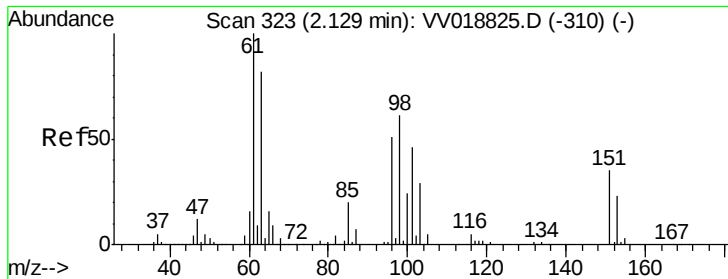
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	124392	39.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.86%
7) Chloroethane-d5	1.58	69	102417	40.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.66%
11) 1,1-Dichloroethene-d2	2.12	63	187895	30.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.78%
21) 2-Butanone-d5	3.91	46	163775	84.55	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.55%
24) Chloroform-d	4.38	84	231552	41.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.20%
26) 1,2-Dichloroethane-d4	5.06	65	156798	41.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.12%
32) Benzene-d6	5.07	84	445113	40.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.14%
36) 1,2-Dichloropropane-d6	6.09	67	147660	41.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	82.56%
41) Toluene-d8	7.34	98	381588	39.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.36%#
43) trans-1,3-Dichloropropene-	7.64	79	66364	37.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.92%
47) 2-Hexanone-d5	8.11	63	79536	63.44	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	63.44%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	129420	31.45	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	62.90%#
64) 1,2-Dichlorobenzene-d4	11.65	152	154641	47.58	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.16%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1720	0.689 ug/L #	19
35) Methylcyclohexane	6.09	83	35371	9.287 ug/L #	15
39) cis-1,3-Dichloropropene	7.01	75	4396	1.047 ug/L #	66
48) 2-Hexanone	8.16	43	22188	7.281 ug/L #	85
59) 1,2,3-Trichloropropane	11.27	75	17870	5.055 ug/L #	88

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



#10

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

Concen: 0.689 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

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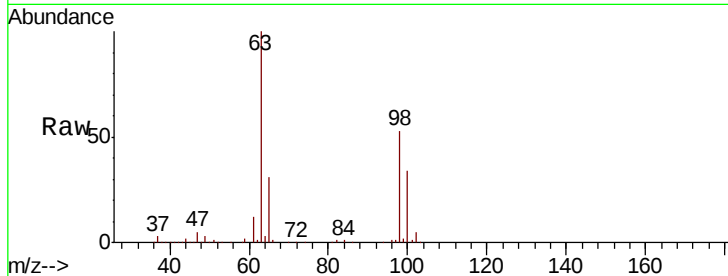
Tot Ion:101 Resp: 1720

Ion Ratio Lower Upper

101 100

85 0.0 35.9 53.9#

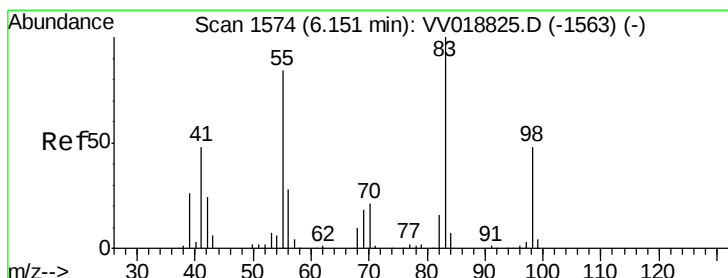
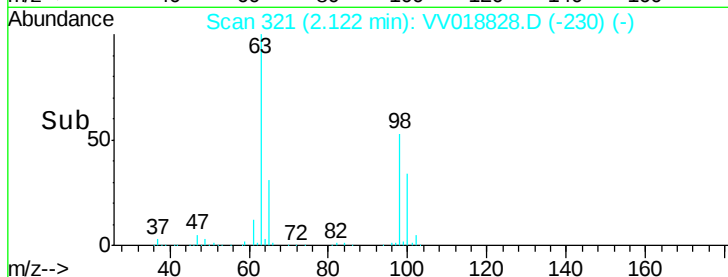
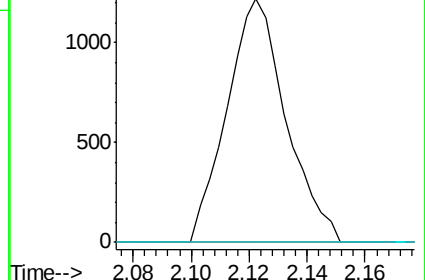
151 0.0 59.8 89.8#



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



#35

Methylcyclohexane

Concen: 9.287 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.06 min

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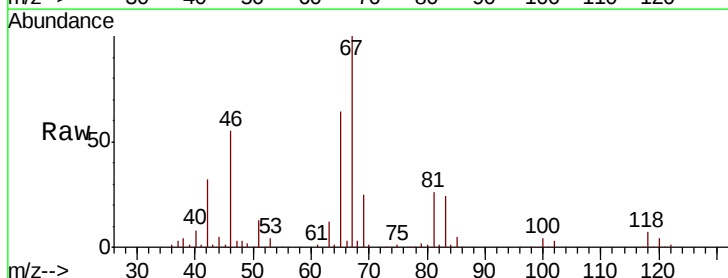
Tgt Ion: 83 Resp: 35371

Ion Ratio Lower Upper

83 100

55 0.4 67.0 100.4#

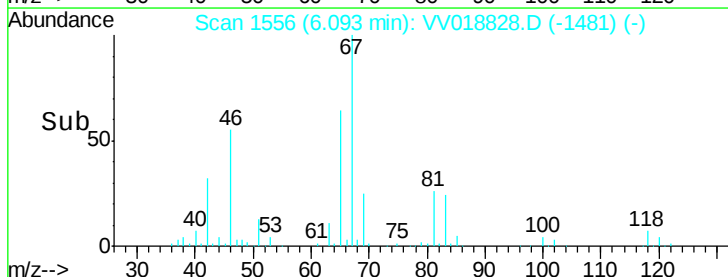
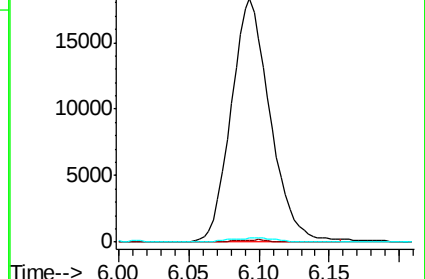
98 0.0 38.8 58.2#

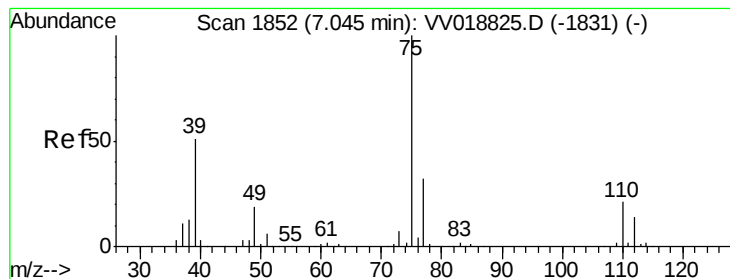


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 98.00 (97.70 to 98.70): VV0





#39

cis-1,3-Dichloropropene

Concen: 1.047 ug/L

RT: 7.01 min Scan# 1840

Delta R.T. -0.04 min

Lab File: VV018828.D

Acq: 10 Oct 2020 13:30

Instrument :

MSVOA_V

ClientSampled :

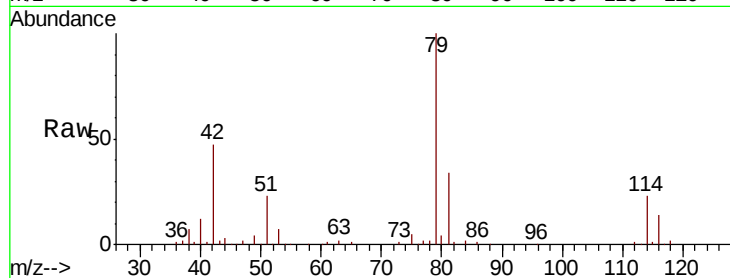
BG3Z5

Tot Ion: 75 Resp: 4396

Ion Ratio Lower Upper

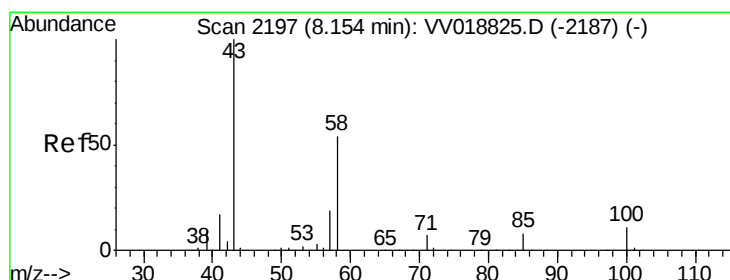
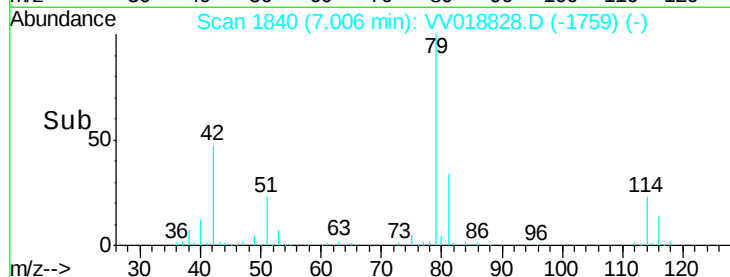
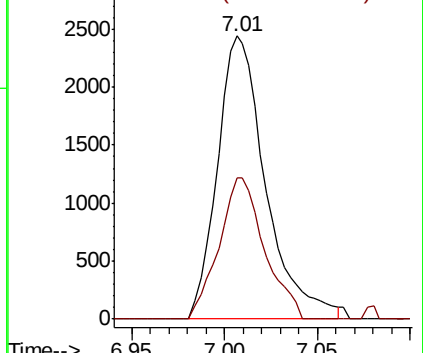
75 100

77 49.9 21.8 40.6#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0



#48

2-Hexanone

Concen: 7.281 ug/L

RT: 8.16 min Scan# 2199

Delta R.T. 0.01 min

Lab File: VV018828.D

Acq: 10 Oct 2020 13:30

Tgt Ion: 43 Resp: 22188

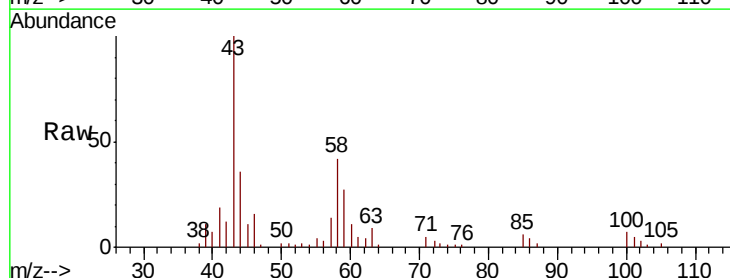
Ion Ratio Lower Upper

43 100

58 40.9 41.8 62.8#

57 11.5 14.9 22.3#

100 7.8 9.2 13.8#

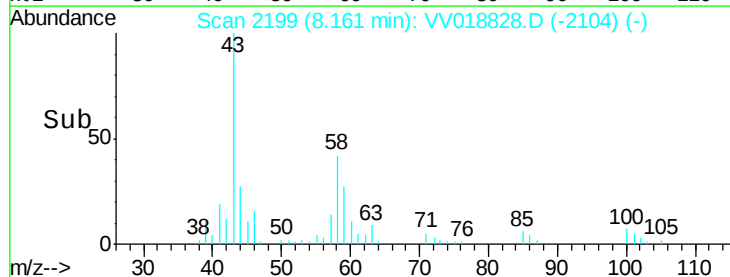
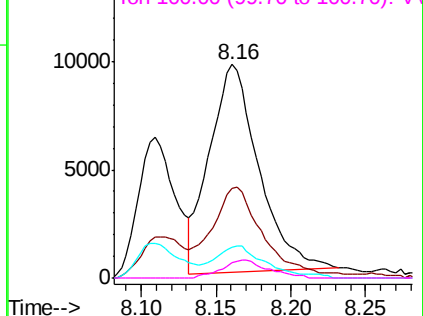


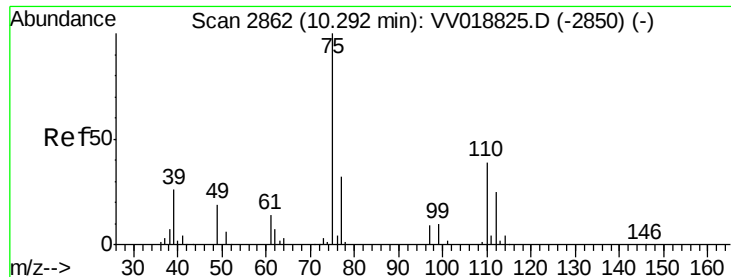
Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

Ion 57.00 (56.70 to 57.70): VV0

Ion 100.00 (99.70 to 100.70): VV0





#59

1,2,3-Trichloropropane

Concen: 5.055 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018828.D

Acq: 10 Oct 2020 13:30

Instrument :

MSVOA_V

ClientSampleId :

BG3Z5

Tot Ion: 75 Resp: 17870

Ion Ratio Lower Upper

75 100

77 39.4 25.9 38.9#

