

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101920\
 Data File : VV018963.D
 Acq On : 19 Oct 2020 11:46
 Operator : SY/MD
 Sample : VV1019WBL01
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK87

Quant Time: Oct 20 01:06:39 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	308663	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	309477	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	143909	50.00	ug/L	0.00

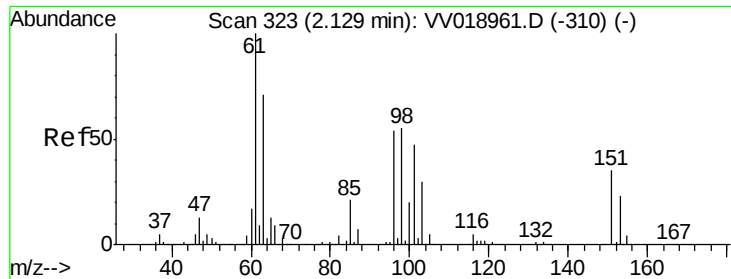
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	95050	37.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.82%
7) Chloroethane-d5	1.58	69	89989	44.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.40%
11) 1,1-Dichloroethene-d2	2.12	63	159259	33.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.40%
21) 2-Butanone-d5	3.90	46	173220	97.81	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.81%
24) Chloroform-d	4.37	84	211458	46.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.64%
26) 1,2-Dichloroethane-d4	5.06	65	146144	48.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.46%
32) Benzene-d6	5.07	84	401938	44.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.98%
36) 1,2-Dichloropropane-d6	6.09	67	126375	43.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.50%
41) Toluene-d8	7.34	98	328036	40.47	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.94%
43) trans-1,3-Dichloropropene-	7.64	79	59695	42.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.56%
47) 2-Hexanone-d5	8.11	63	82688	77.06	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	77.06%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	130539	38.56	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	77.12%
64) 1,2-Dichlorobenzene-d4	11.65	152	141400	48.30	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.60%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1560	0.779 ug/L #	22
27) 1,2-Dichloroethane	5.07	62	2766	0.768 ug/L	99
35) Methylcyclohexane	6.09	83	30542	9.218 ug/L #	16
48) 2-Hexanone	8.16	43	18169	6.543 ug/L #	77
59) 1,2,3-Trichloropropane	11.27	75	17115	5.567 ug/L	93

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



#10

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

Concen: 0.779 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

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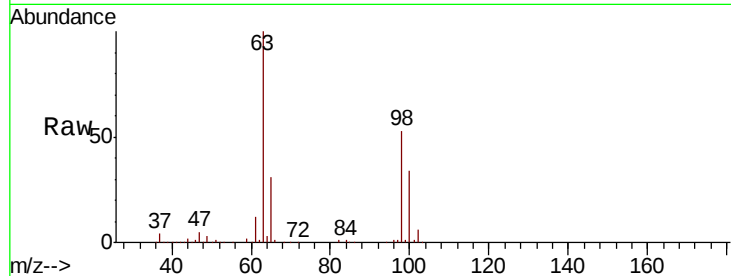
Tot Ion:101 Resp: 1560

Ion Ratio Lower Upper

101 100

85 4.5 35.0 52.4#

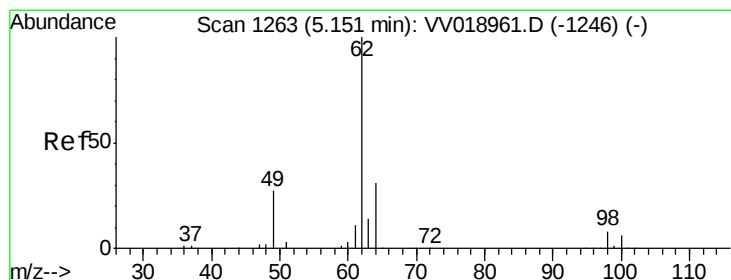
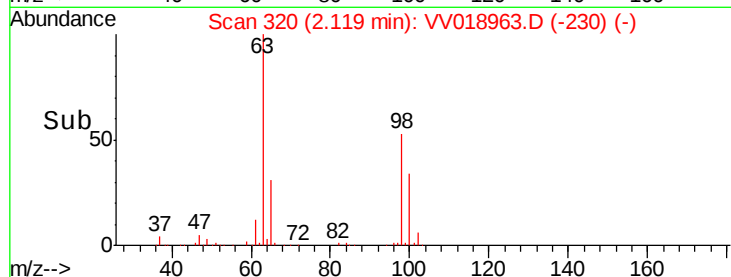
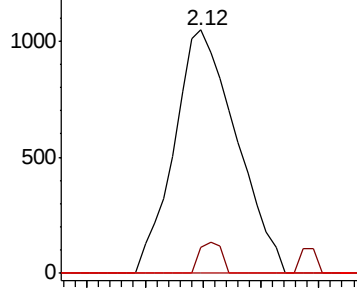
151 0.0 59.7 89.5#



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) (-)



#27

1,2-Dichloroethane

Concen: 0.768 ug/L

RT: 5.07 min Scan# 1237

Delta R.T. -0.08 min

Lab File: VV018963.D

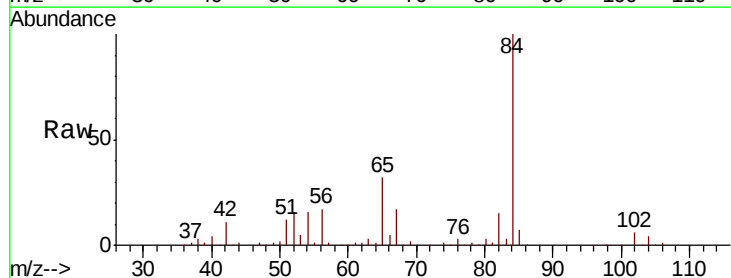
Acq: 19 Oct 2020 11:46

Tgt Ion: 62 Resp: 2766

Ion Ratio Lower Upper

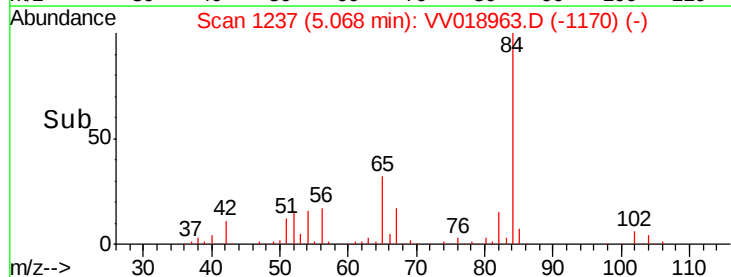
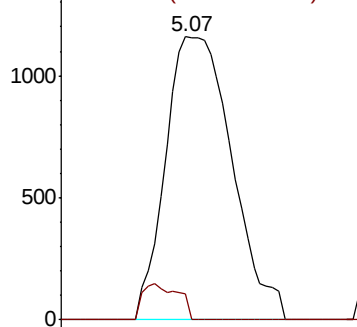
62 100

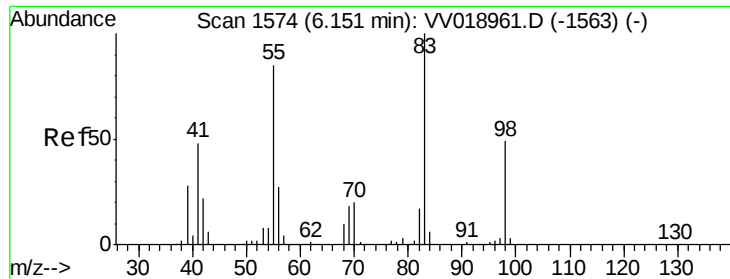
98 9.3 7.0 10.6



Abundance Ion 62.00 (61.70 to 62.70): VV018961.D (-1246) (-)

Ion 98.00 (97.70 to 98.70): VV018961.D (-1246) (-)

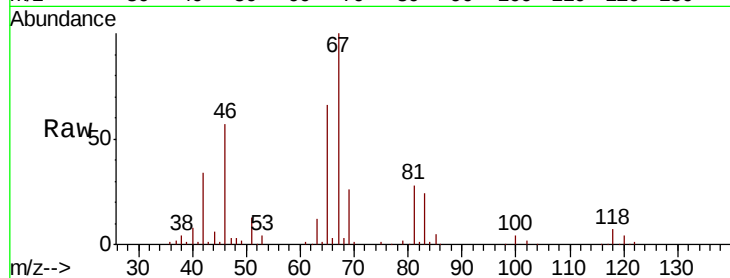




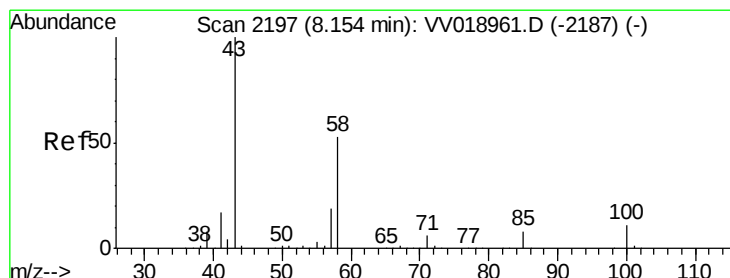
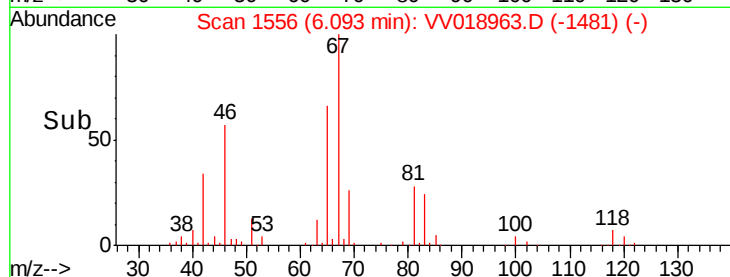
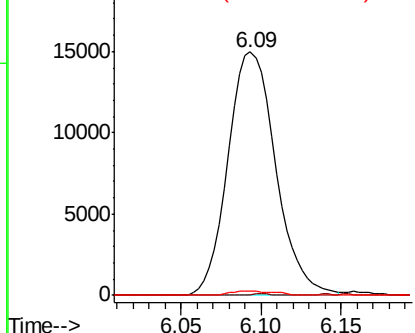
#35
Methvlcvclohexane
Concen: 9.218 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV018963.D
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Tot Ion: 83 Resp: 30542
Ion Ratio Lower Upper
83 100
55 0.2 67.3 100.9#
98 1.6 37.9 56.9#

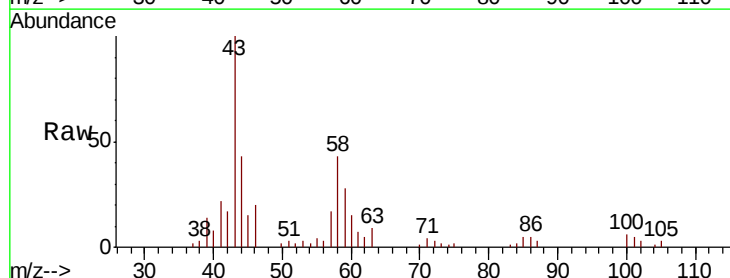


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

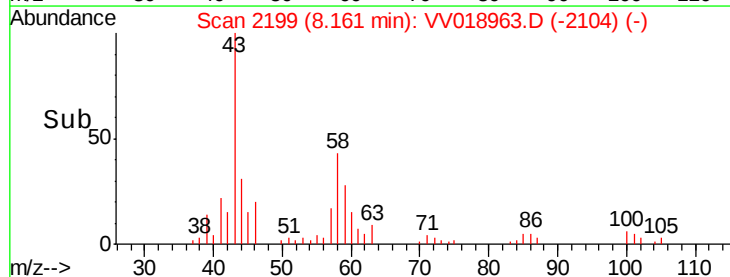
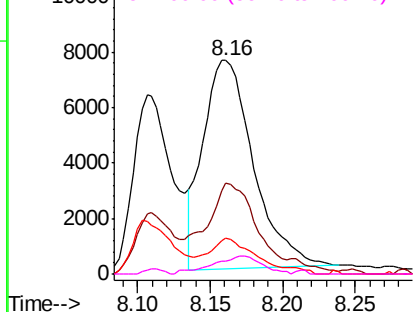


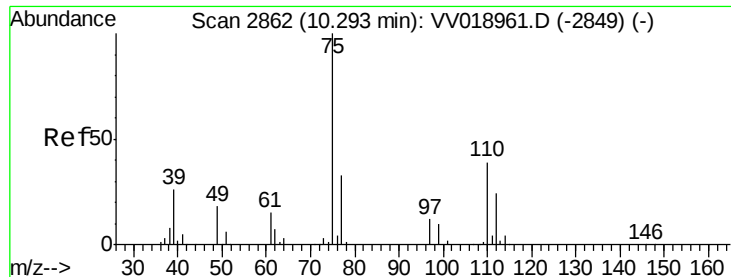
#48
2-Hexanone
Concen: 6.543 ug/L
RT: 8.16 min Scan# 2199
Delta R.T. 0.01 min
Lab File: VV018963.D
Acq: 19 Oct 2020 11:46

Tgt Ion: 43 Resp: 18169
Ion Ratio Lower Upper
43 100
58 30.1 42.5 63.7#
57 16.8 14.5 21.7
100 7.7 9.0 13.4#



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: 5.567 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018963.D

Acq: 19 Oct 2020 11:46

Instrument :

MSVOA_V

ClientSampleId :

VBLK87

Tot Ion: 75 Resp: 17115

Ion Ratio Lower Upper

75 100

77 35.9 25.4 38.2

