

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091620\
 Data File : VV018240.D
 Acq On : 16 Sep 2020 16:55
 Operator : SY/MD
 Sample : L4043-01
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 17 04:40:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 17 04:38:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	307816	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	304368	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	146510	50.00	ug/L	0.00

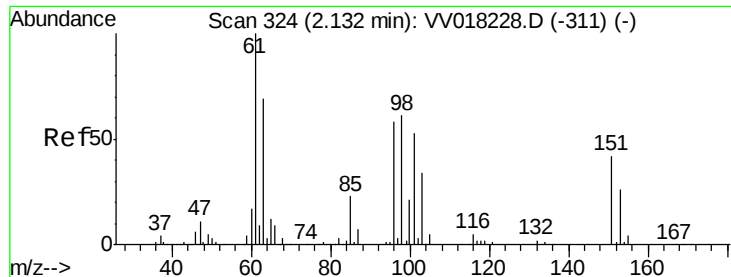
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	94969	37.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.72%
7) Chloroethane-d5	1.58	69	79089	38.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.06%
11) 1,1-Dichloroethene-d2	2.12	63	137539	29.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.78%#
21) 2-Butanone-d5	3.92	46	114950	74.86	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	74.86%
24) Chloroform-d	4.38	84	169097	38.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.70%
26) 1,2-Dichloroethane-d4	5.06	65	112929	40.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.96%
32) Benzene-d6	5.08	84	338888	38.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.78%
36) 1,2-Dichloropropane-d6	6.09	67	107822	38.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	77.90%
41) Toluene-d8	7.34	98	303395	38.21	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	76.42%#
43) trans-1,3-Dichloropropene-	7.64	79	52796	37.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.06%
47) 2-Hexanone-d5	8.11	63	85307	81.35	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.35%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	141127	40.61	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	81.22%
64) 1,2-Dichlorobenzene-d4	11.65	152	128314	42.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.28%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1394	0.671 ug/L #	27
12) 1,1-Dichloroethene	2.12	96	1709	0.846 ug/L #	1
37) 1,2-Dichloropropane	6.10	63	11495	4.985 ug/L #	87
48) 2-Hexanone	8.11	43	9948	4.510 ug/L #	64
59) 1,2,3-Trichloropropane	11.27	75	16648	6.138 ug/L	93

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



#10

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

Concen: 0.671 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV018240.D

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Instrument :

MSVOA_V

ClientSampleId :

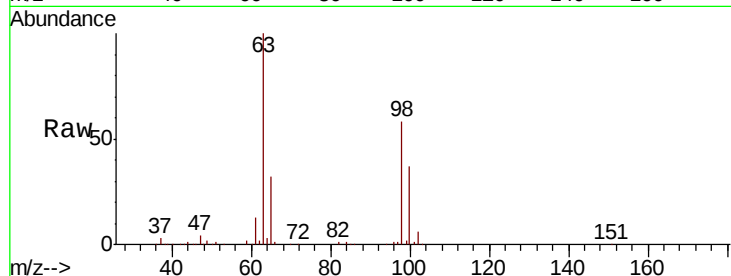
Tot Ion:101 Resp: 1394

Ion Ratio Lower Upper

101 100

85 3.2 33.5 50.3#

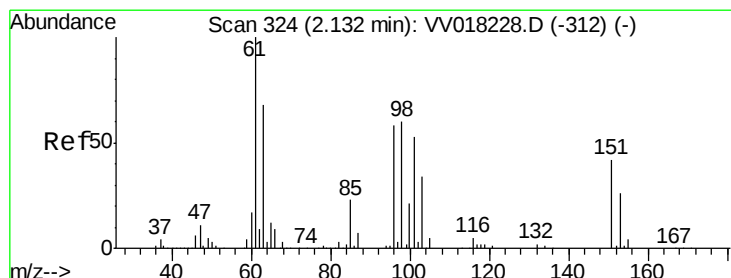
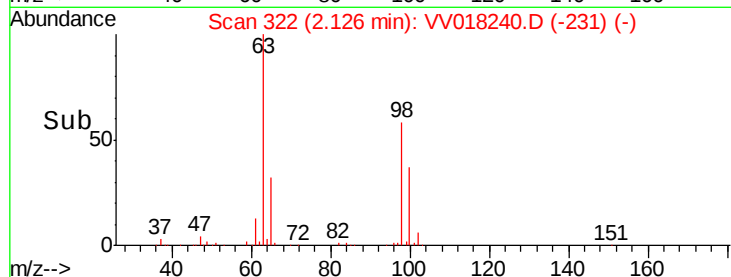
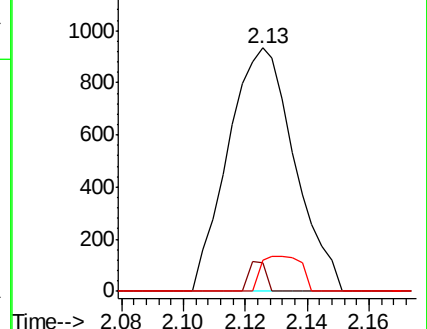
151 8.7 62.2 93.2#



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



#12

1,1-Dichloroethene

Concen: 0.846 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018240.D

Acq: 16 Sep 2020 16:55

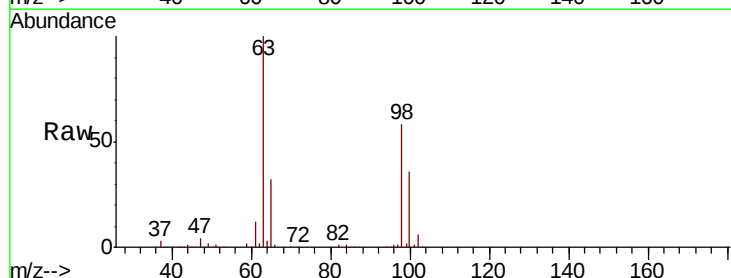
Tgt Ion: 96 Resp: 1709

Ion Ratio Lower Upper

96 100

61 1173.7 122.9 228.3#

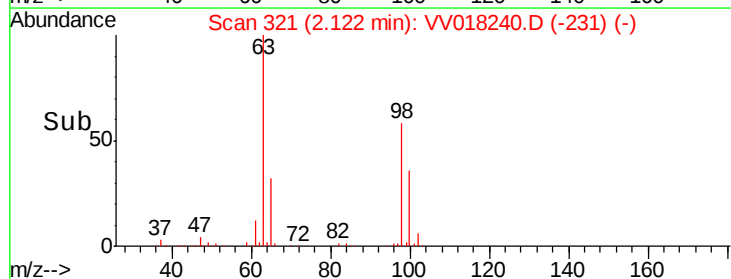
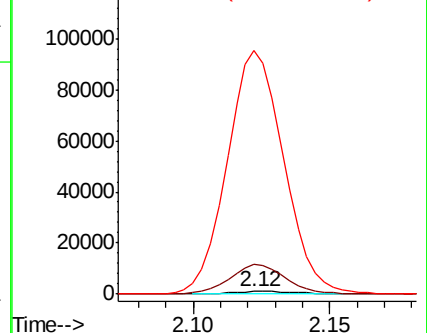
63 9737.3 91.9 170.7#

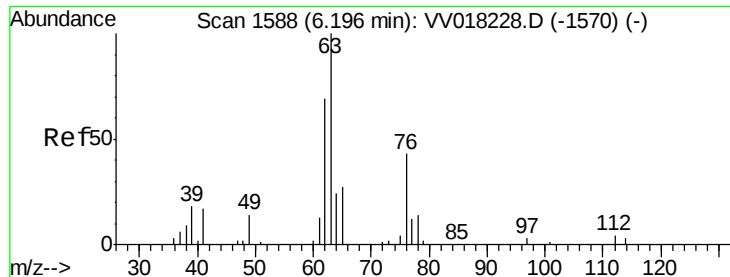


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#37

1,2-Dichloropropane

Concen: 4.985 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.10 min

Lab File: VV018240.D

Acq: 16 Sep 2020 16:55

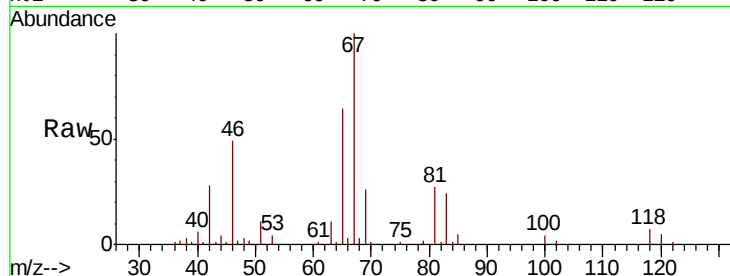
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 63 Resp: 11495

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



Abundance Ion 63.00 (62.70 to 63.70): VV018228.D (-1570) (-)

Ion 112.00 (111.70 to 112.70): VV018228.D (-1570) (-)

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Abundance Ion 63.00 (62.70 to 63.70): VV018228.D (-1570) (-)

Ion 112.00 (111.70 to 112.70): VV018228.D (-1570) (-)

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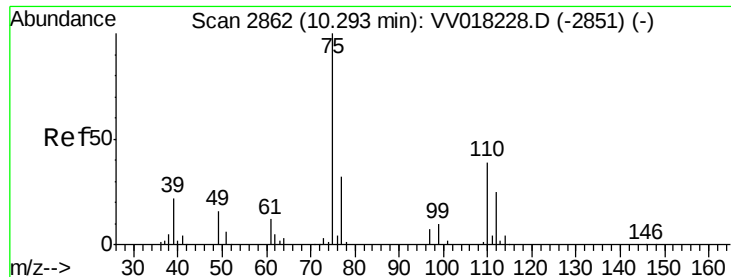
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#59

1,2,3-Trichloropropane

Concen: 6.138 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018240.D

Acq: 16 Sep 2020 16:55

Instrument :

MSVOA_V

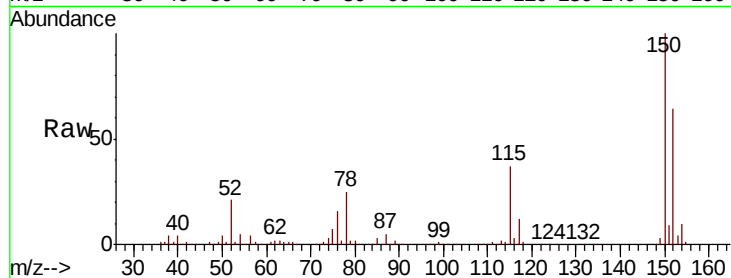
ClientSampleId :

Tot Ion: 75 Resp: 16648

Ion Ratio Lower Upper

75 100

77 36.3 25.8 38.6



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

