

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101420\
 Data File : VV018906.D
 Acq On : 14 Oct 2020 20:18
 Operator : SY/MD
 Sample : L4382-01DL 200X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3P5DL

Quant Time: Oct 15 02:09:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 15 02:07:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	298530	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	294237	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	137362	50.00	ug/L	0.00

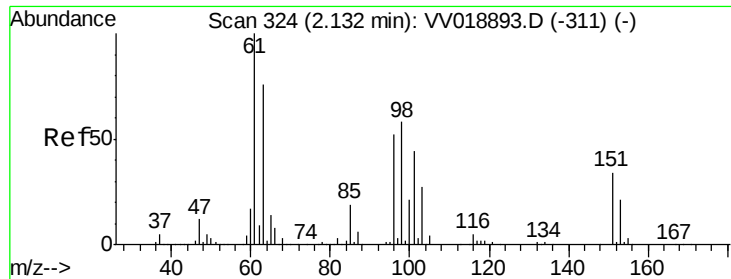
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	123959	50.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.88%
7) Chloroethane-d5	1.58	69	100692	51.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.44%
11) 1,1-Dichloroethene-d2	2.12	63	184569	39.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.58%
21) 2-Butanone-d5	3.91	46	153246	89.47	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.47%
24) Chloroform-d	4.37	84	223255	50.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.12%
26) 1,2-Dichloroethane-d4	5.05	65	156628	53.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.90%
32) Benzene-d6	5.07	84	454105	52.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.74%
36) 1,2-Dichloropropane-d6	6.09	67	146495	53.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.68%
41) Toluene-d8	7.34	98	401425	52.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.18%
43) trans-1,3-Dichloropropene-	7.64	79	67662	50.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.80%
47) 2-Hexanone-d5	8.11	63	85616	83.92	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.92%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	146524	45.52	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.04%
64) 1,2-Dichlorobenzene-d4	11.65	152	159123	56.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	113.88%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1623	0.838 ug/L #	23
27) 1,2-Dichloroethane	5.07	62	3036	0.872 ug/L	96
48) 2-Hexanone	8.16	43	13173	4.990 ug/L #	79
59) 1,2,3-Trichloropropane	11.27	75	16415	5.616 ug/L #	89

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



#10

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

Concen: 0.838 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

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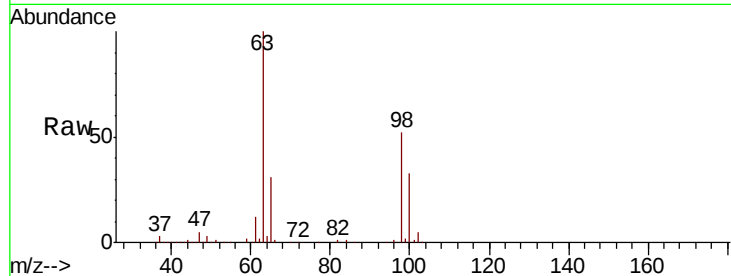
Tot Ion:101 Resp: 1623

Ion Ratio Lower Upper

101 100

85 5.7 35.0 52.4#

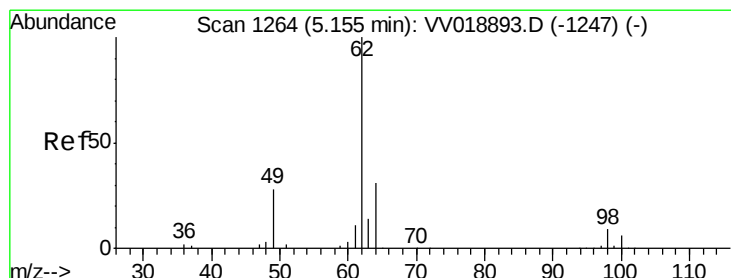
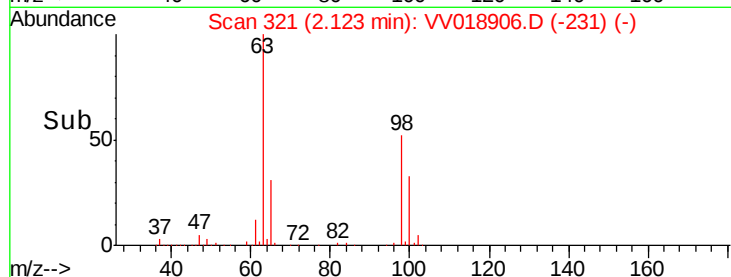
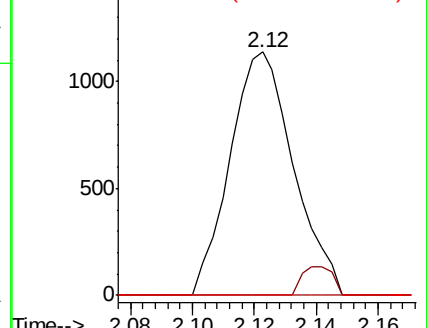
151 0.0 59.7 89.5#



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



#27

1,2-Dichloroethane

Concen: 0.872 ug/L

RT: 5.07 min Scan# 1238

Delta R.T. -0.08 min

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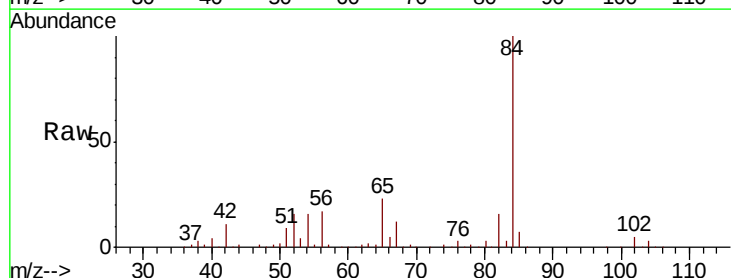
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Tgt Ion: 62 Resp: 3036

Ion Ratio Lower Upper

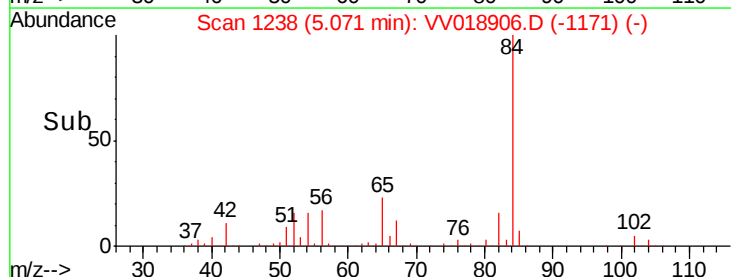
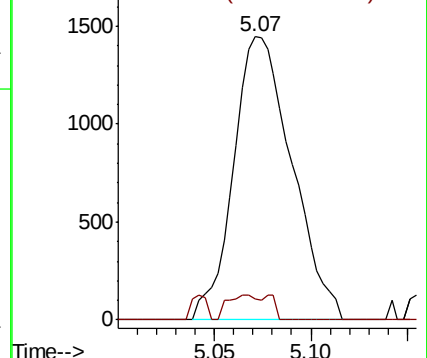
62 100

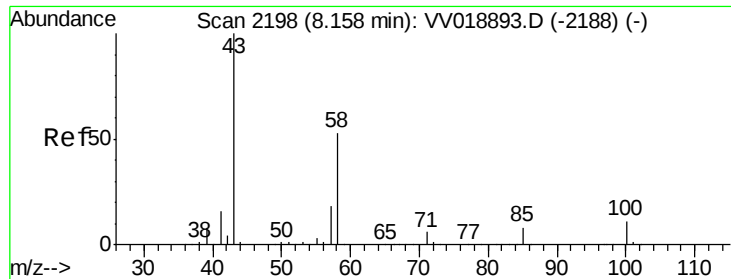
98 7.5 7.0 10.6



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

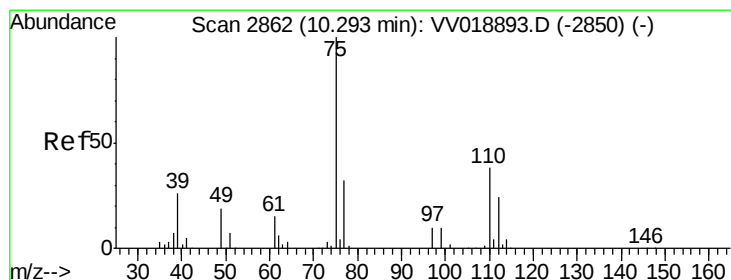
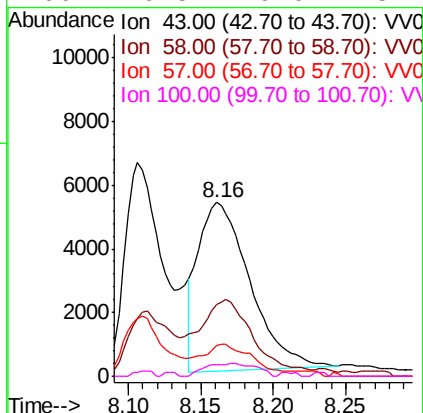
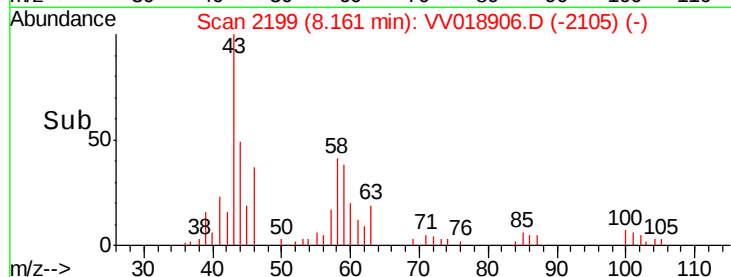
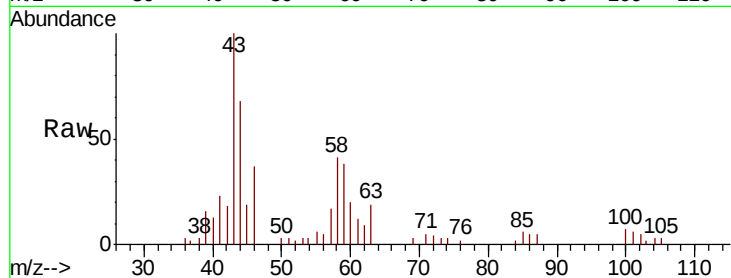




#48
2-Hexanone
Concen: 4.990 ug/L
RT: 8.16 min Scan# 2199
Delta R.T. 0.00 min
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Tot Ion: 43 Resp: 13173
Ion Ratio Lower Upper
43 100
58 36.4 42.5 63.7#
57 13.2 14.5 21.7#
100 0.5 9.0 13.4#



#59
1,2,3-Trichloropropane
Concen: 5.616 ug/L
RT: 11.27 min Scan# 3166
Delta R.T. 0.98 min
Lab File: VV018906.D
Acq: 14 Oct 2020 20:18

Tgt Ion: 75 Resp: 16415
Ion Ratio Lower Upper
75 100
77 38.2 25.4 38.2#

