

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100320\
 Data File : VV018655.D
 Acq On : 03 Oct 2020 15:22
 Operator : SY/MD
 Sample : L4203-12
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3S1

Quant Time: Oct 05 04:57:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Oct 05 04:50:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	283221	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	294315	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	138446	50.00	ug/L	0.00

System Monitoring Compounds

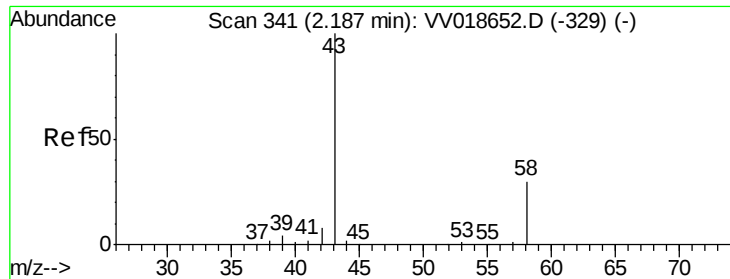
4) Vinyl Chloride-d3	1.32	65	87050	52.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	104.82%
7) Chloroethane-d5	1.58	69	75798	55.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	110.38%
11) 1,1-Dichloroethene-d2	2.12	63	136892	40.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.90%
21) 2-Butanone-d5	3.91	46	101619	82.02	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	82.02%
24) Chloroform-d	4.37	84	160618	44.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.44%
26) 1,2-Dichloroethane-d4	5.05	65	110187	48.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.64%
32) Benzene-d6	5.07	84	309313	41.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.98%
36) 1,2-Dichloropropane-d6	6.09	67	96715	42.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.88%
41) Toluene-d8	7.34	98	279758	39.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.78%#
43) trans-1,3-Dichloropropene-	7.64	79	47582	39.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.20%
47) 2-Hexanone-d5	8.11	63	51327	59.99	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	59.99%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	99780	33.41	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	66.82%
64) 1,2-Dichlorobenzene-d4	11.65	152	123487	46.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.76%

Target Compounds

					Ovalue
13) Acetone	2.19	43	10861	10.146	ug/L 95
37) 1,2-Dichloropropane	6.09	63	12293	5.541	ug/L # 85
39) cis-1,3-Dichloropropene	7.01	75	3062	0.880	ug/L # 71
48) 2-Hexanone	8.16	43	14327	6.415	ug/L # 77
59) 1,2,3-Trichloropropane	11.27	75	15073	5.586	ug/L 89

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

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#13

Acetone

Concen: 10.146 ug/L

RT: 2.19 min Scan# 343

Delta R.T. 0.01 min

Lab File: VV018655.D

Acq: 03 Oct 2020 15:22

Instrument :

MSVOA_V

ClientSampled :

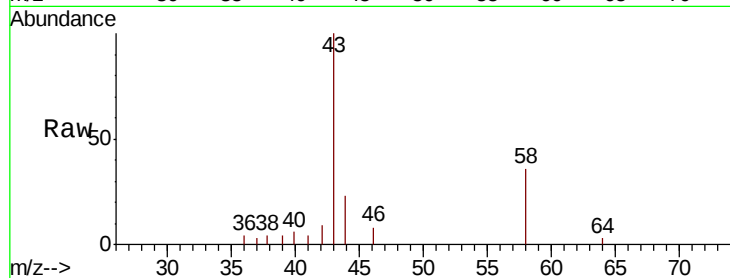
BG3S1

Tot Ion: 43 Resp: 10861

Ion Ratio Lower Upper

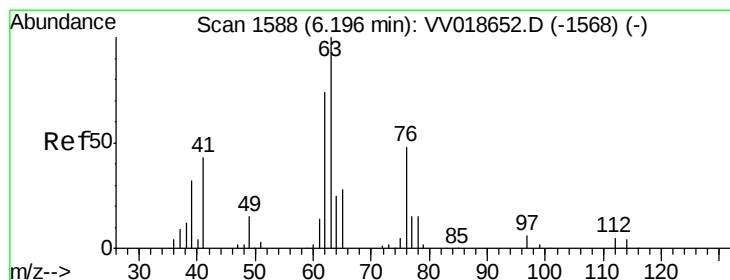
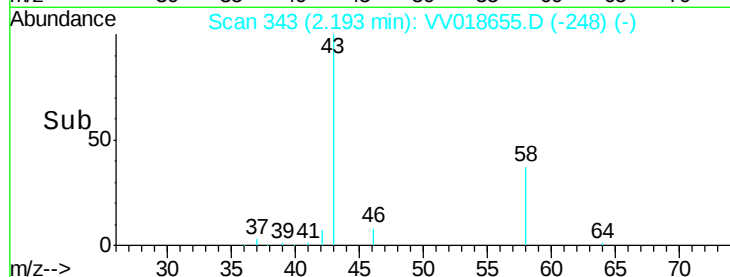
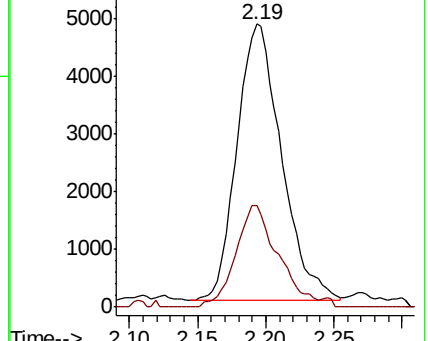
43 100

58 34.5 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VV018655.D (-248) (-)

Ion 58.00 (57.70 to 58.70): VV018655.D (-248) (-)



#37

1,2-Dichloropropane

Concen: 5.541 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.10 min

Lab File: VV018655.D

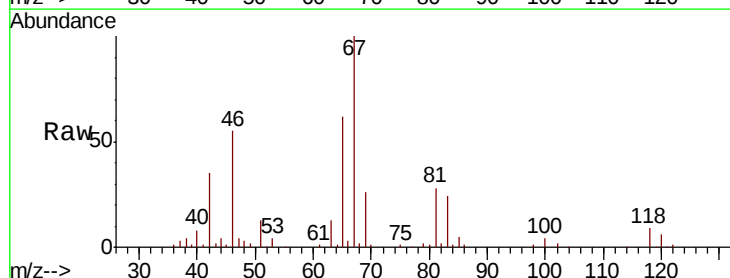
Acq: 03 Oct 2020 15:22

Tgt Ion: 63 Resp: 12293

Ion Ratio Lower Upper

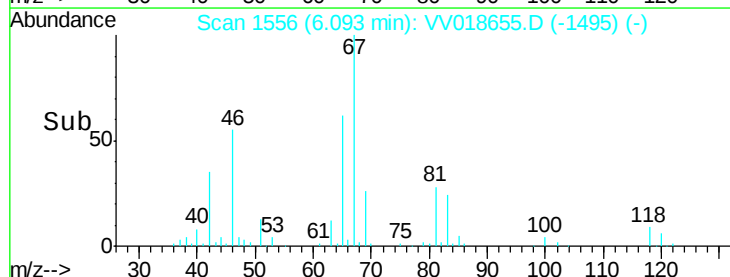
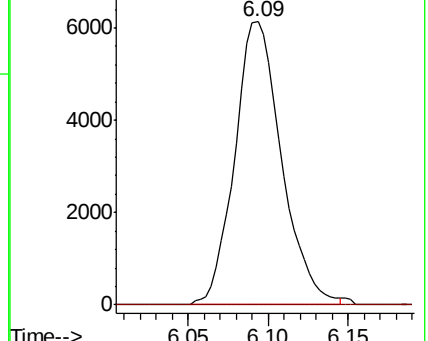
63 100

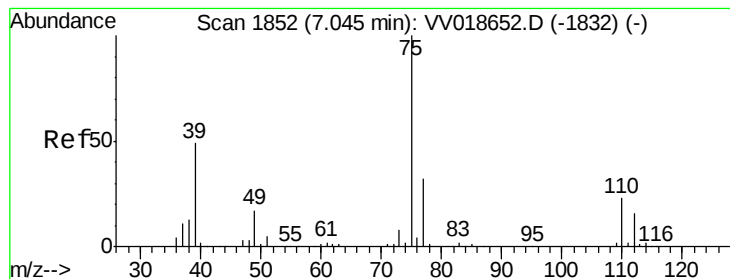
112 0.0 3.9 5.9#



Abundance Ion 63.00 (62.70 to 63.70): VV018655.D (-1495) (-)

Ion 112.00 (111.70 to 112.70): VV018655.D (-1495) (-)



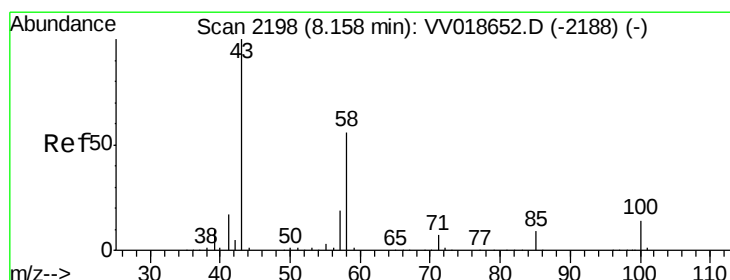
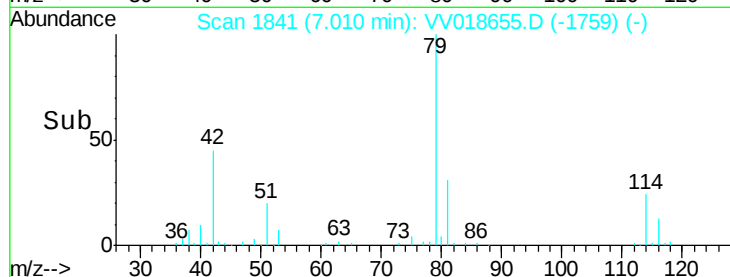
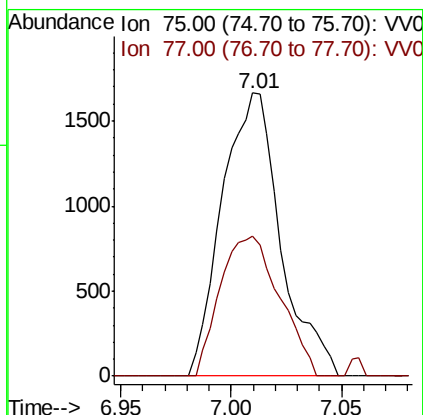
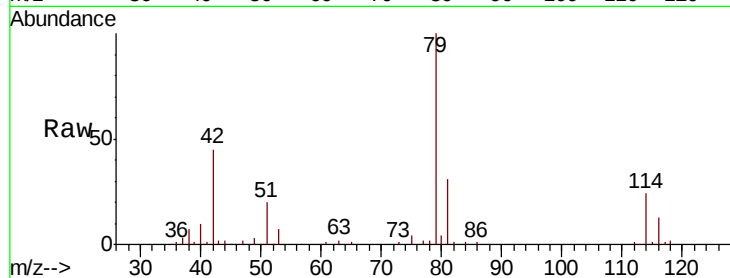


#39

cis-1,3-Dichloropropene
Concen: 0.880 ug/L
RT: 7.01 min Scan# 1841
Delta R.T. -0.04 min
Lab File: VV018655.D
Acq: 03 Oct 2020 15:22

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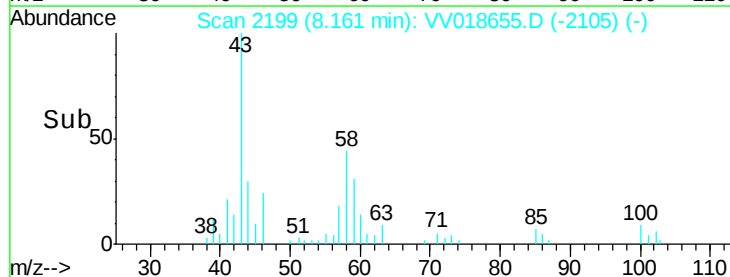
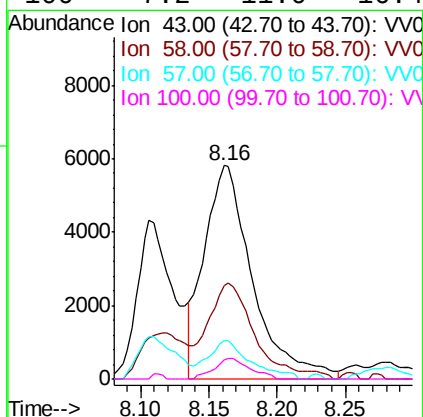
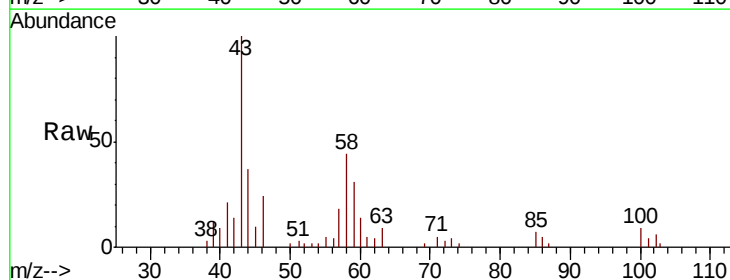
Tot Ion: 75 Resp: 3062
Ion Ratio Lower Upper
75 100
77 49.3 23.0 42.6#

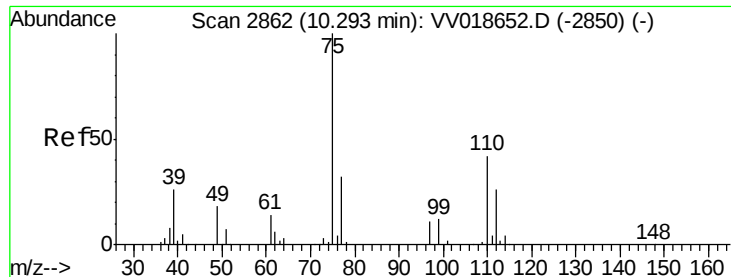


#48

2-Hexanone
Concen: 6.415 ug/L
RT: 8.16 min Scan# 2199
Delta R.T. 0.00 min
Lab File: VV018655.D
Acq: 03 Oct 2020 15:22

Tgt Ion: 43 Resp: 14327
Ion Ratio Lower Upper
43 100
58 36.6 45.1 67.7#
57 11.9 15.7 23.5#
100 7.2 11.0 16.4#





#59

1,2,3-Trichloropropane

Concen: 5.586 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018655.D

Acq: 03 Oct 2020 15:22

Instrument :

MSVOA_V

ClientSampleId :

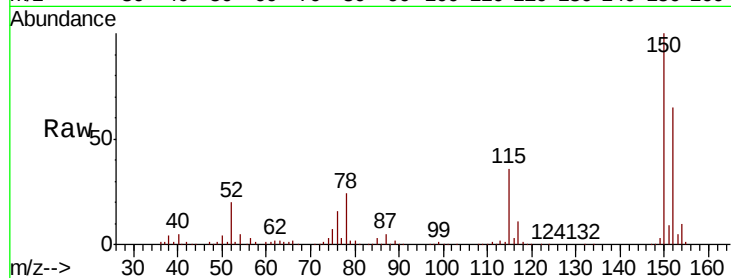
BG3S1

Tot Ion: 75 Resp: 15073

Ion Ratio Lower Upper

75 100

77 38.0 25.4 38.0



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

