

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121820\
 Data File : VV019695.D
 Acq On : 18 Dec 2020 13:21
 Operator : SY/MD
 Sample : L5062-21
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK01

Quant Time: Dec 19 05:28:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 19 05:26:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	611269	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	574017	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	276837	50.00	ug/L	0.00

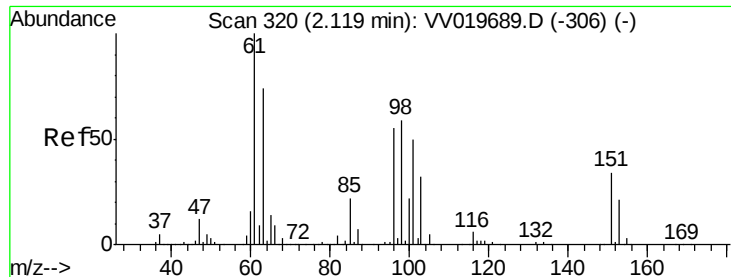
System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	194865	44.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.92%
7) Chloroethane-d5	1.57	69	164106	47.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.94%
11) 1,1-Dichloroethene-d2	2.11	63	286777	35.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.50%
21) 2-Butanone-d5	3.89	46	320035	134.33	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	134.33%#
24) Chloroform-d	4.35	84	367827	46.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.12%
26) 1,2-Dichloroethane-d4	5.04	65	256155	49.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.24%
32) Benzene-d6	5.05	84	735542	48.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.10%
36) 1,2-Dichloropropane-d6	6.07	67	236164	49.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.48%
41) Toluene-d8	7.32	98	641683	46.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.10%
43) trans-1,3-Dichloropropene-	7.62	79	113838	41.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.46%
47) 2-Hexanone-d5	8.09	63	216343	114.94	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	114.94%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	305962	47.17	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.34%
64) 1,2-Dichlorobenzene-d4	11.63	152	241199	46.61	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.22%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	2510	0.707 ug/L #	23
39) cis-1,3-Dichloropropene	6.99	75	7223	0.993 ug/L #	65
48) 2-Hexanone	8.09	43	26866	5.602 ug/L #	70
59) 1,2,3-Trichloropropane	11.25	75	36550	6.707 ug/L	96

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



#10

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

Concen: 0.707 ug/L

RT: 2.11 min Scan# 317

Delta R.T. -0.01 min

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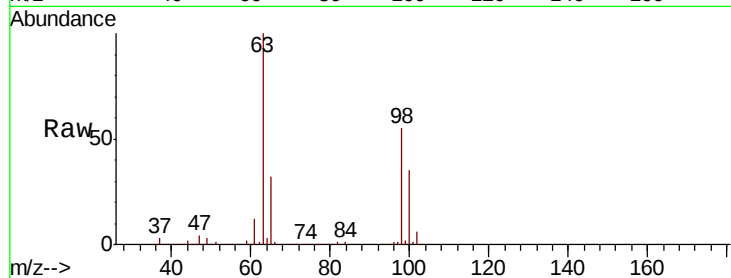
Tot Ion:101 Resp: 2510

Ion Ratio Lower Upper

101 100

85 3.1 35.0 52.4#

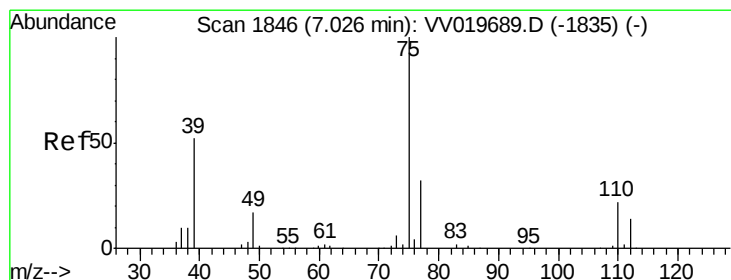
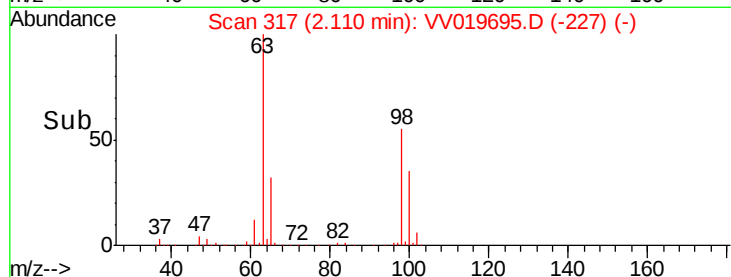
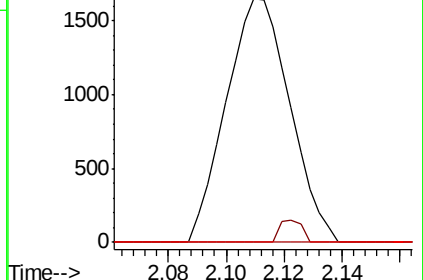
151 0.0 55.8 83.8#



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



#39

cis-1,3-Dichloropropene

Concen: 0.993 ug/L

RT: 6.99 min Scan# 1835

Delta R.T. -0.04 min

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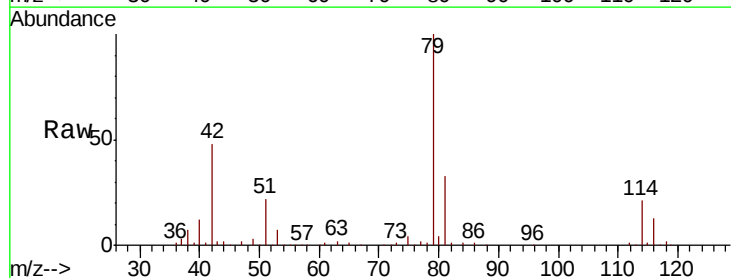
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Tgt Ion: 75 Resp: 7223

Ion Ratio Lower Upper

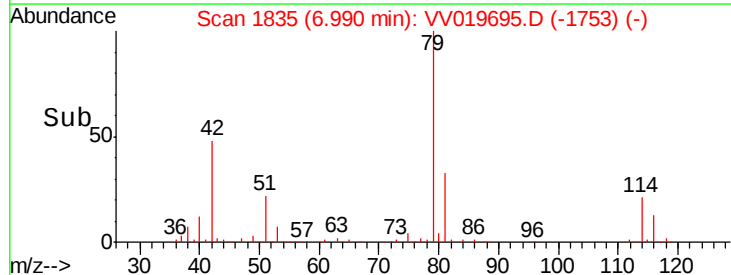
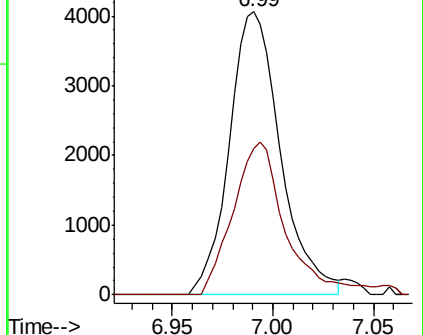
75 100

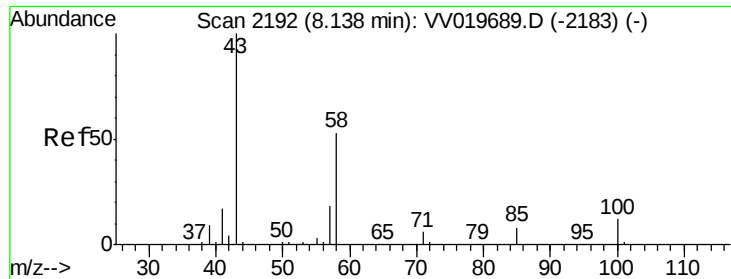
77 51.6 22.4 41.6#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

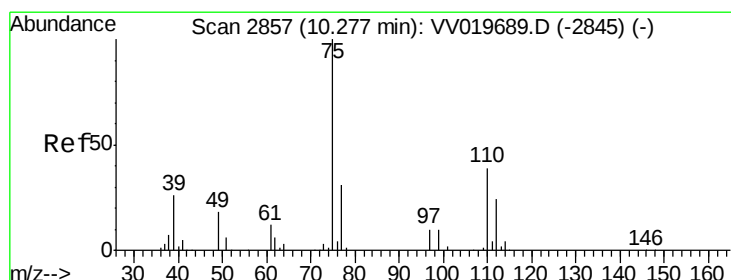
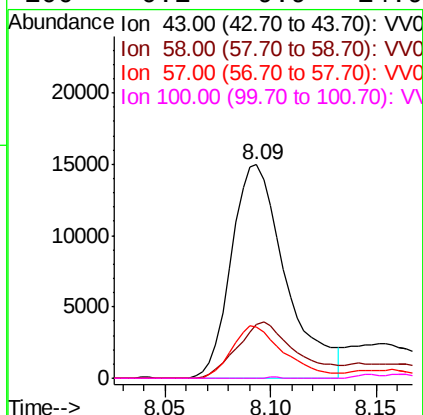
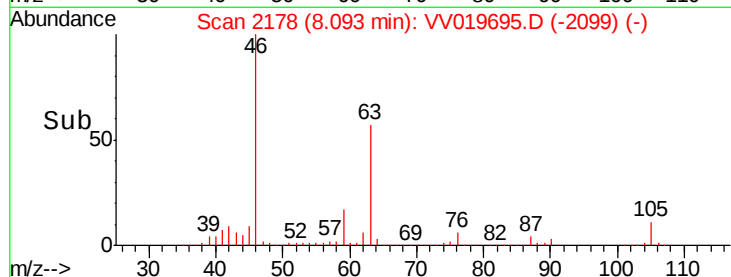
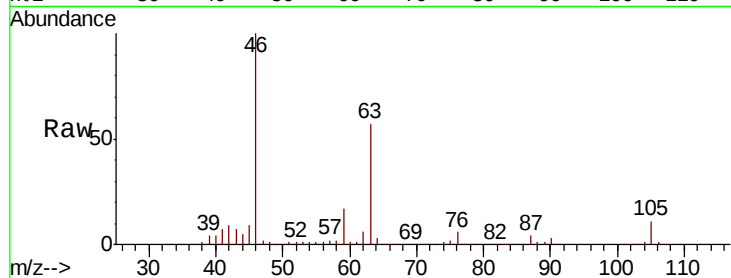




#48
2-Hexanone
Concen: 5.602 ug/L
RT: 8.09 min Scan# 2178
Delta R.T. -0.05 min
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Tot Ion: 43 Resp: 26866
Ion Ratio Lower Upper
43 100
58 28.3 44.4 66.6#
57 23.4 15.7 23.5
100 0.1 9.9 14.9#



#59
1,2,3-Trichloropropane
Concen: 6.707 ug/L
RT: 11.25 min Scan# 3161
Delta R.T. 0.98 min
Lab File: VV019695.D
Acq: 18 Dec 2020 13:21

Tgt Ion: 75 Resp: 36550
Ion Ratio Lower Upper
75 100
77 34.7 25.8 38.8

