

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV122220\
 Data File : VV019802.D
 Acq On : 22 Dec 2020 17:58
 Operator : SY/MD
 Sample : L5173-11ME
 Misc : 5.50µ/5.0mL/100µL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4R7MWME

Quant Time: Dec 23 01:07:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 23 01:05:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	708105	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	680584	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.26	152	312221	50.00	ug/L	0.00

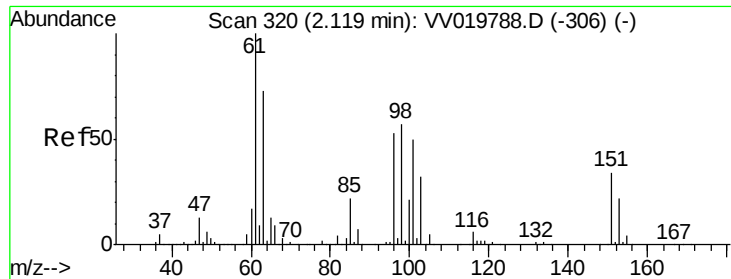
System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	232511	45.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.58%
7) Chloroethane-d5	1.57	69	161161	40.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.48%
11) 1,1-Dichloroethene-d2	2.08	63	338977	35.97	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.94%
21) 2-Butanone-d5	3.91	46	364650	132.13	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	132.13%#
24) Chloroform-d	4.35	84	465422	50.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.72%
26) 1,2-Dichloroethane-d4	5.04	65	341652	57.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	114.26%
32) Benzene-d6	5.05	84	941726	51.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.76%
36) 1,2-Dichloropropane-d6	6.07	67	311024	54.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	109.40%
41) Toluene-d8	7.32	98	822145	50.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.62%
43) trans-1,3-Dichloropropene-	7.63	79	145833	45.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.18%
47) 2-Hexanone-d5	8.13	63	245646	110.08	ug/L	0.04
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.08%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	370633	48.19	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.38%
64) 1,2-Dichlorobenzene-d4	11.64	152	282523	48.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.82%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.08	101	2960	0.720 ug/L #	22
39) cis-1,3-Dichloropropene	6.99	75	9636	1.117 ug/L #	82
46) Tetrachloroethene	7.98	164	2603	0.716 ug/L	84
48) 2-Hexanone	8.13	43	38170	6.713 ug/L #	60

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



#10

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

Concen: 0.720 ug/L

RT: 2.08 min Scan# 309

Delta R.T. -0.04 min

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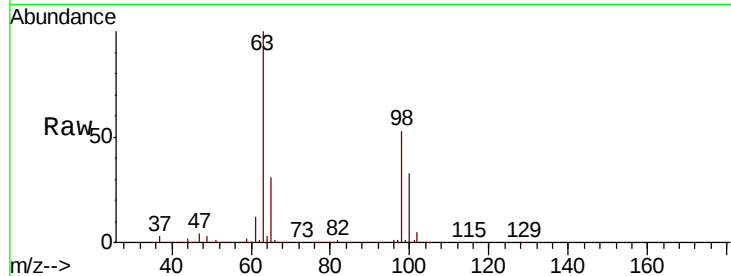
Tot Ion:101 Resp: 2960

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

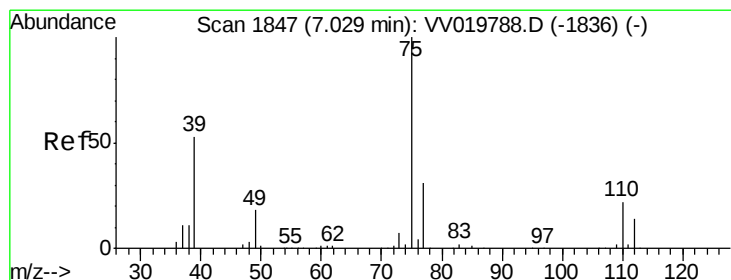
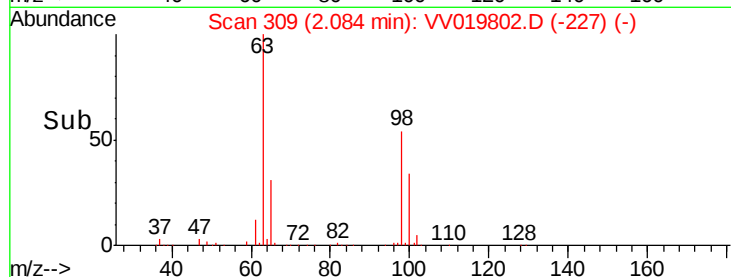
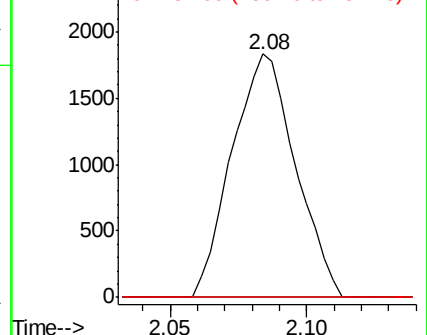
151 0.0 55.8 83.8#



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: 1.117 ug/L

RT: 6.99 min Scan# 1836

Delta R.T. -0.04 min

Lab File: VV019802.D

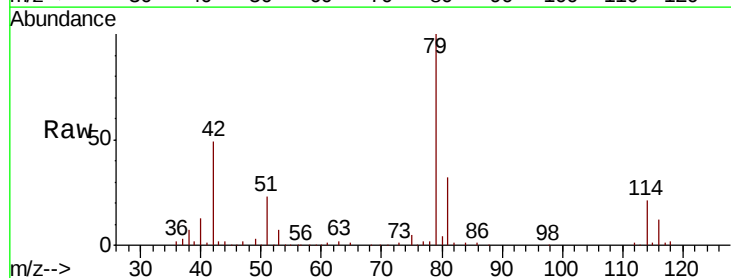
Acq: 22 Dec 2020 17:58

Tgt Ion: 75 Resp: 9636

Ion Ratio Lower Upper

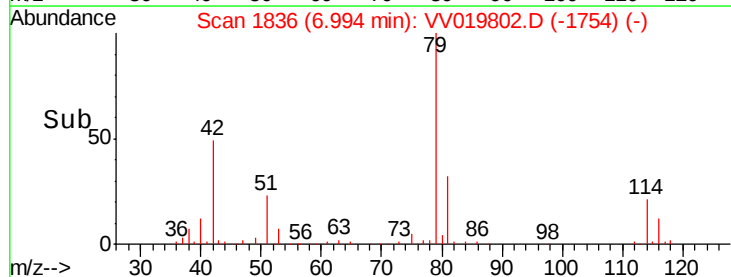
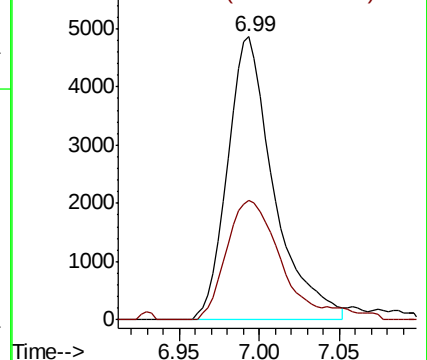
75 100

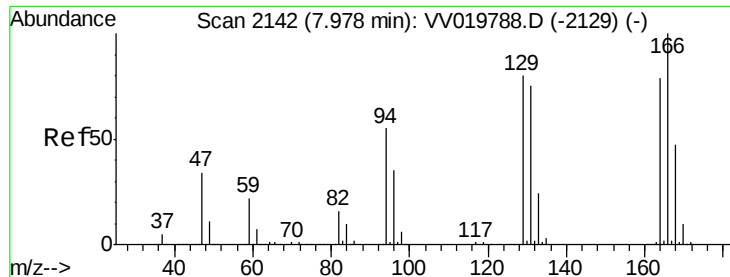
77 42.1 22.4 41.6#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

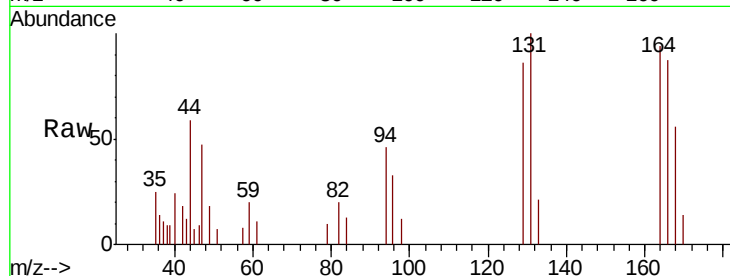




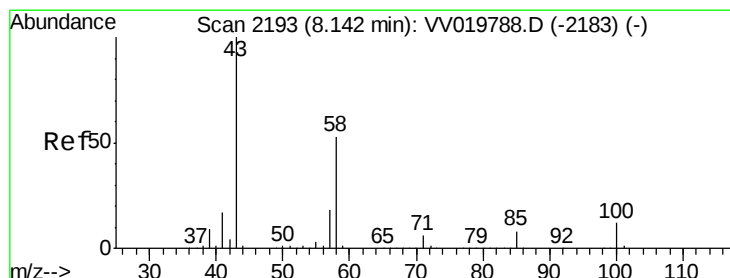
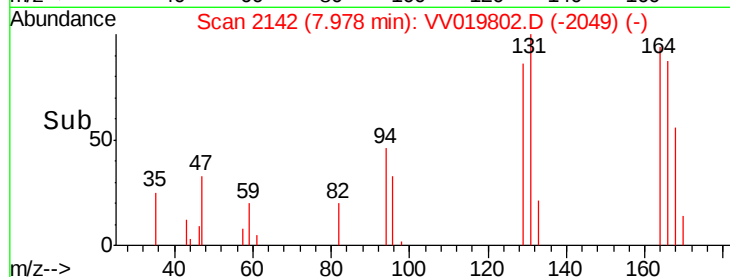
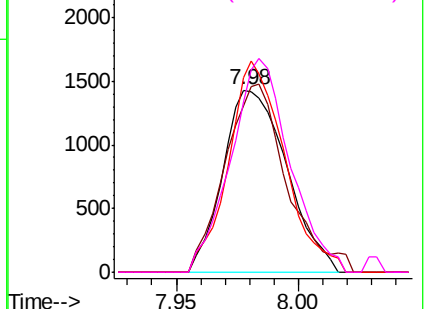
#46
Tetrachloroethene
Concen: 0.716 ug/L
RT: 7.98 min Scan# 2142
Delta R.T. 0.00 min
Lab File: VV019802.D
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Instrument :
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Tot Ion:164 Resp: 2603
Ion Ratio Lower Upper
164 100
129 91.4 70.6 131.0
131 106.6 68.0 126.4
166 93.1 86.9 161.5

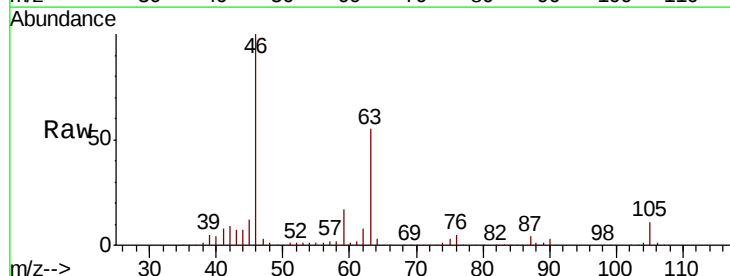


Abundance Ion 164.00 (163.70 to 164.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V
Ion 166.00 (165.70 to 166.70): V



#48
2-Hexanone
Concen: 6.713 ug/L
RT: 8.13 min Scan# 2190
Delta R.T. -0.01 min
Lab File: VV019802.D
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Tgt Ion: 43 Resp: 38170
Ion Ratio Lower Upper
43 100
58 19.9 44.4 66.6#
57 9.8 15.7 23.5#
100 0.5 9.9 14.9#



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

