

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV122220\
 Data File : VV019800.D
 Acq On : 22 Dec 2020 17:09
 Operator : SY/MD
 Sample : L5173-12ME
 Misc : 4.65µ/5.0mL/100µL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4R8ME

Quant Time: Dec 23 01:07:31 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	785548	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	742933	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.26	152	338432	50.00	ug/L	0.00

System Monitoring Compounds

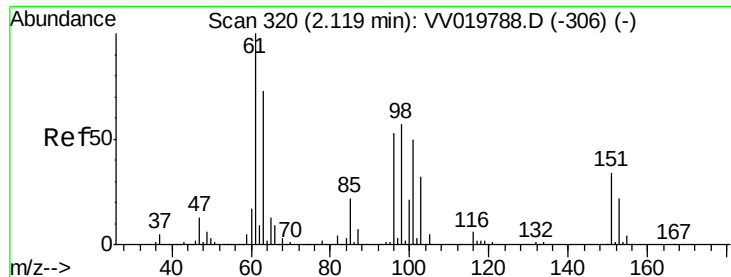
4) Vinyl Chloride-d3	1.31	65	272185	48.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.64%
7) Chloroethane-d5	1.57	69	176968	39.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.66%
11) 1,1-Dichloroethene-d2	2.08	63	392882	37.58	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.16%
21) 2-Butanone-d5	3.91	46	350183	114.37	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.37%
24) Chloroform-d	4.35	84	485796	47.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.70%
26) 1,2-Dichloroethane-d4	5.04	65	343095	51.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.42%
32) Benzene-d6	5.05	84	996907	50.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.62%
36) 1,2-Dichloropropane-d6	6.07	67	323856	52.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.36%
41) Toluene-d8	7.32	98	877267	49.17	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.34%
43) trans-1,3-Dichloropropene-	7.63	79	147948	41.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.82%
47) 2-Hexanone-d5	8.13	63	242405	99.51	ug/L	0.04
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.51%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	371240	44.22	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.44%
64) 1,2-Dichlorobenzene-d4	11.64	152	300106	47.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.88%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.08	101	3368	0.739 ug/L #	22
39) cis-1,3-Dichloropropene	6.99	75	9934	1.055 ug/L #	66
46) Tetrachloroethene	7.98	164	21741	5.478 ug/L	97
48) 2-Hexanone	8.13	43	16956	2.732 ug/L #	46

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

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Acq On    : 22 Dec 2020 17:09
Operator  : SY/MD
Sample    : L5173-12ME
Misc      : 4.65µ/5.0mL/100µL/5.0mL/MSVOA_V/MEOH
ALS Vial  : 1 Sample Multiplier: 1
```



#10

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

Concen: 0.739 ug/L

RT: 2.08 min Scan# 309

Delta R.T. -0.04 min

Lab File: VV019800.D

Acq: 22 Dec 2020 17:09

Instrument :

MSVOA_V

ClientSampleId :

BG4R8ME

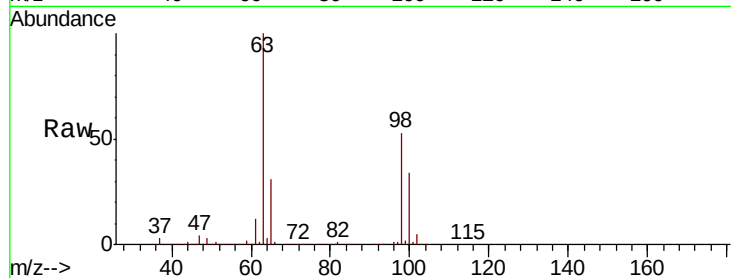
Tot Ion:101 Resp: 3368

Ion Ratio Lower Upper

101 100

85 1.2 35.0 52.4#

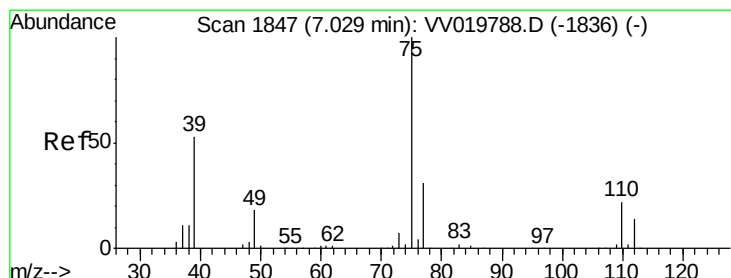
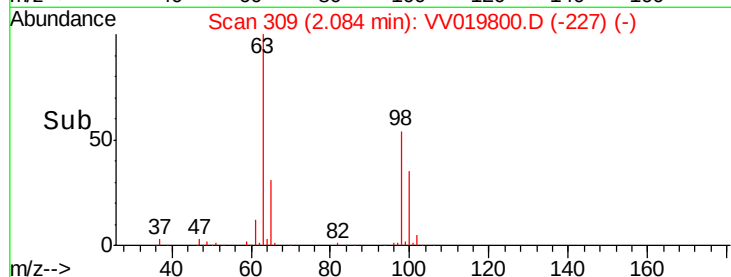
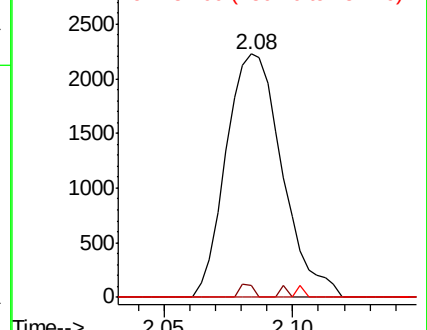
151 0.0 55.8 83.8#



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: 1.055 ug/L

RT: 6.99 min Scan# 1835

Delta R.T. -0.04 min

Lab File: VV019800.D

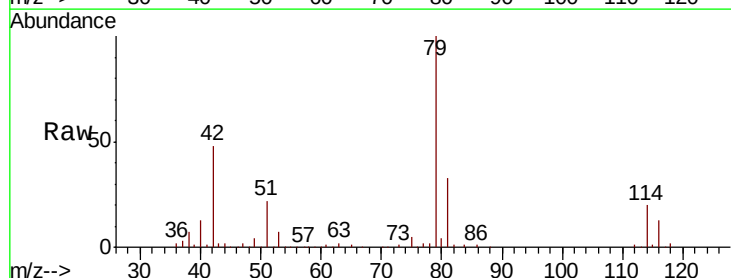
Acq: 22 Dec 2020 17:09

Tgt Ion: 75 Resp: 9934

Ion Ratio Lower Upper

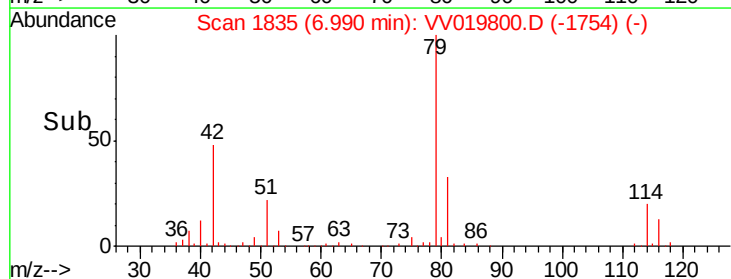
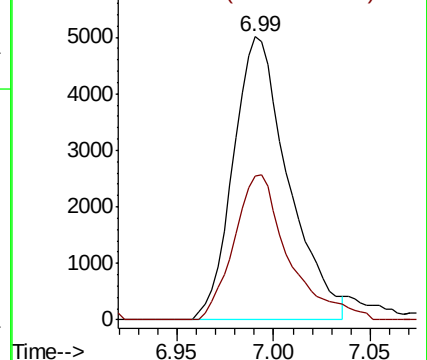
75 100

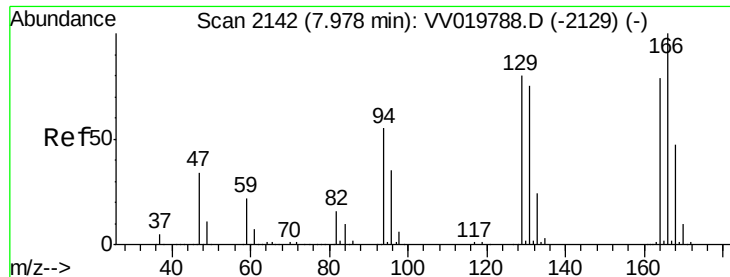
77 50.8 22.4 41.6#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0





#46

Tetrachloroethene

Concen: 5.478 ug/L

RT: 7.98 min Scan# 2143

Delta R.T. 0.00 min

Lab File: VV019800.D

Acq: 22 Dec 2020 17:09

Instrument :

MSVOA_V

ClientSampleId :

BG4R8ME

Tot Ion:164 Resp: 21741

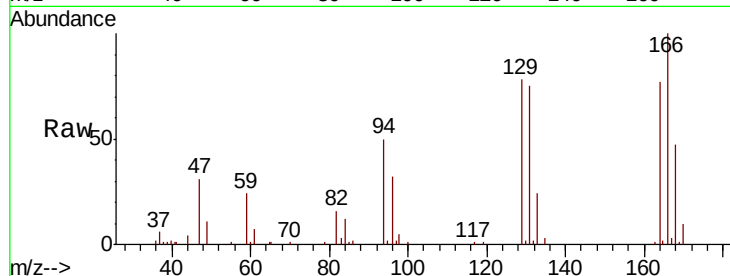
Ion Ratio Lower Upper

164 100

129 102.3 70.6 131.0

131 98.3 68.0 126.4

166 130.5 86.9 161.5

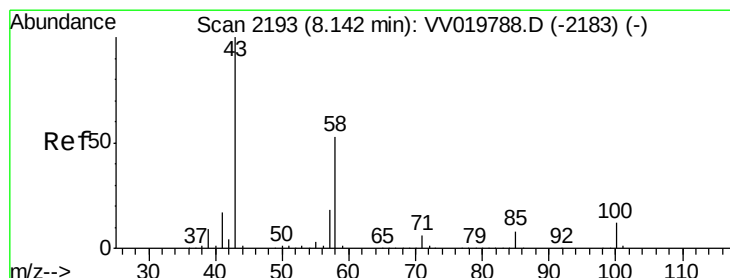
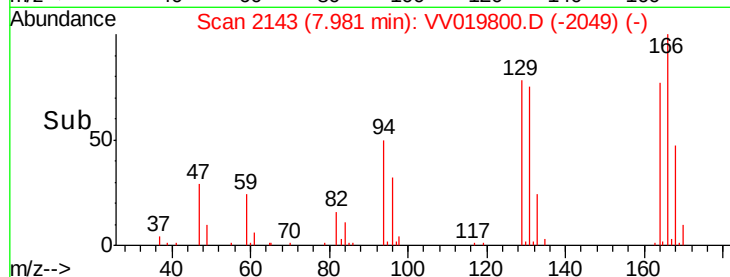
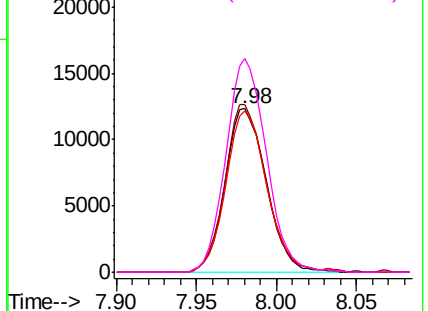


Abundance Ion 164.00 (163.70 to 164.70): V

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: 2.732 ug/L

RT: 8.13 min Scan# 2188

Delta R.T. -0.02 min

Lab File: VV019800.D

Acq: 22 Dec 2020 17:09

Tgt Ion: 43 Resp: 16956

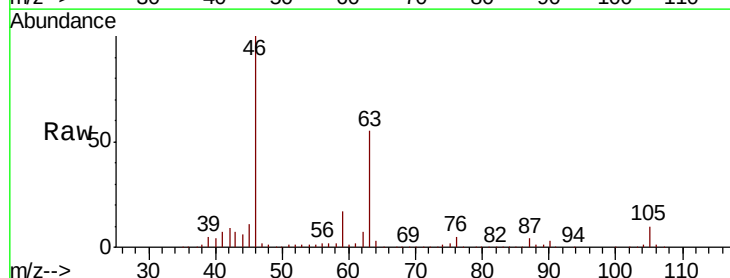
Ion Ratio Lower Upper

43 100

58 0.0 44.4 66.6#

57 21.6 15.7 23.5

100 0.4 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

