

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV122320\
 Data File : VV019813.D
 Acq On : 23 Dec 2020 15:45
 Operator : SY/MD
 Sample : L5206-04ME
 Misc : 4.77g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4Q9ME

Quant Time: Dec 23 22:06:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 23 22:04:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	764570	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	723833	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.26	152	330632	50.00	ug/L	0.00

System Monitoring Compounds

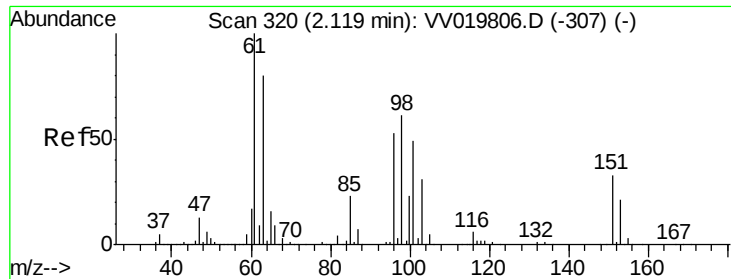
4) Vinyl Chloride-d3	1.31	65	246983	45.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.10%
7) Chloroethane-d5	1.57	69	152416	35.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	70.50%
11) 1,1-Dichloroethene-d2	2.08	63	362695	35.64	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.28%
21) 2-Butanone-d5	3.91	46	315699	105.94	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.94%
24) Chloroform-d	4.35	84	461092	46.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.34%
26) 1,2-Dichloroethane-d4	5.04	65	326171	50.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.02%
32) Benzene-d6	5.05	84	948394	49.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.26%
36) 1,2-Dichloropropane-d6	6.07	67	303808	50.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.48%
41) Toluene-d8	7.32	98	823373	47.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.74%
43) trans-1,3-Dichloropropene-	7.63	79	137548	39.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.98%
47) 2-Hexanone-d5	8.13	63	230849	97.26	ug/L	0.04
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.26%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	350390	42.84	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.68%
64) 1,2-Dichlorobenzene-d4	11.64	152	278616	45.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.16%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.08	101	3444	0.776 ug/L #	25
27) 1,2-Dichloroethane	5.05	62	5945	0.742 ug/L	100
48) 2-Hexanone	8.13	43	39074	6.461 ug/L #	60
59) 1,2,3-Trichloropropane	11.26	75	46637	6.787 ug/L	100

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

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Acq On    : 23 Dec 2020 15:45  
Operator  : SY/MD  
Sample    : L5206-04ME  
Misc      : 4.77q/5.0mL/100uL/5.0mL/MSVOA_V/MEOH  
ALS Vial  : 1 Sample Multiplier: 1
```



#10

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

Concen: 0.776 ug/L

RT: 2.08 min Scan# 308

Delta R.T. -0.04 min

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Instrument :

MSVOA_V

ClientSampleId :

BG4Q9ME

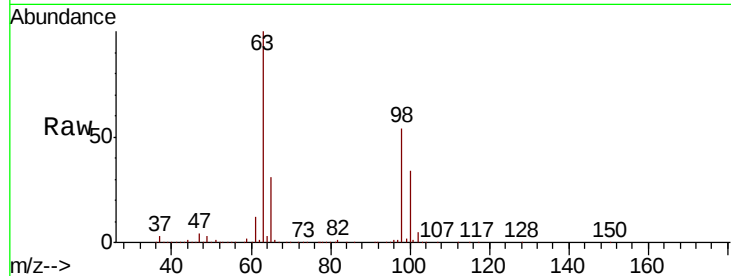
Tot Ion:101 Resp: 3444

Ion Ratio Lower Upper

101 100

85 1.2 35.0 52.4#

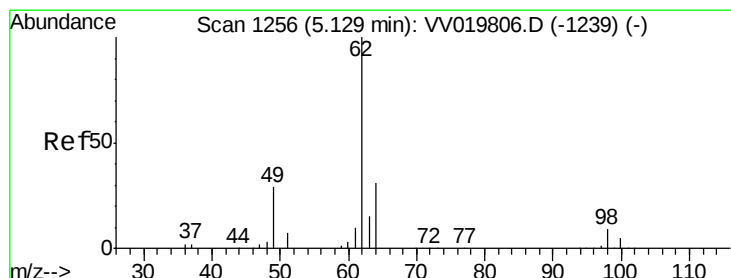
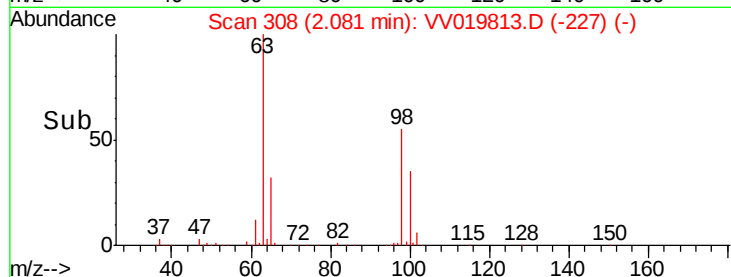
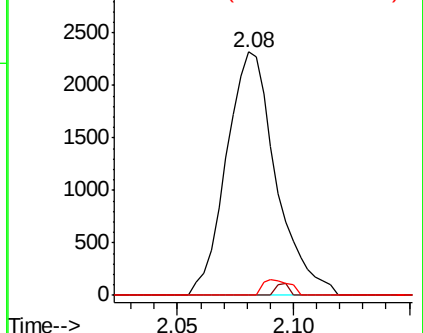
151 3.6 55.8 83.8#



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



#27

1,2-Dichloroethane

Concen: 0.742 ug/L

RT: 5.05 min Scan# 1230

Delta R.T. -0.08 min

Lab File: VV019813.D

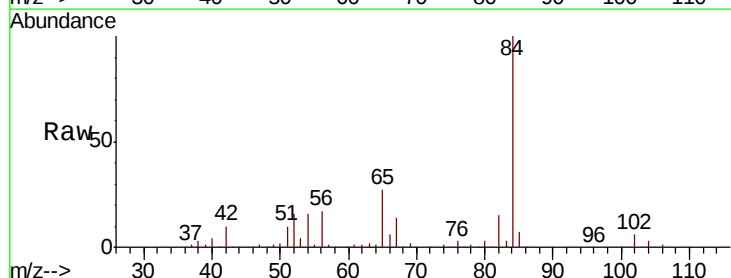
Acq: 23 Dec 2020 15:45

Tgt Ion: 62 Resp: 5945

Ion Ratio Lower Upper

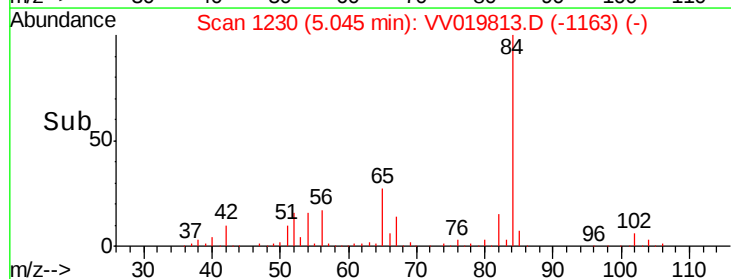
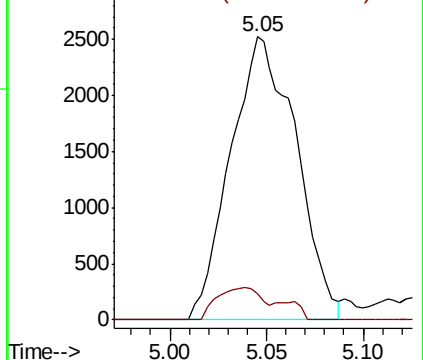
62 100

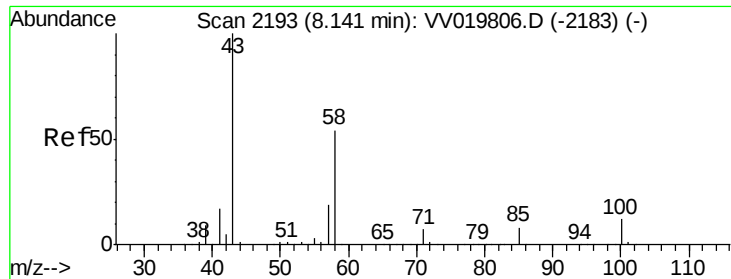
98 9.3 7.4 11.0



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

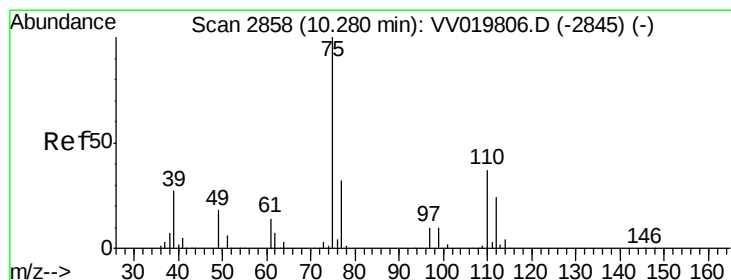
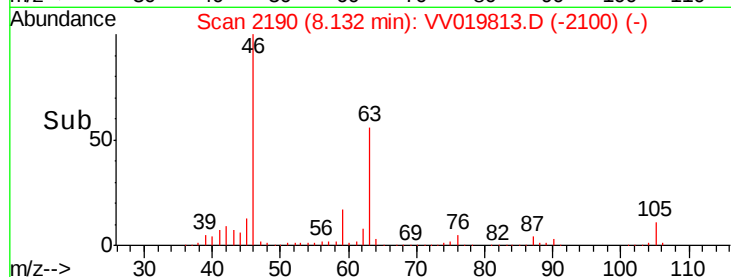
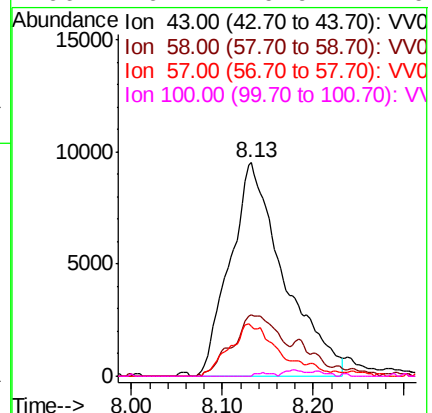
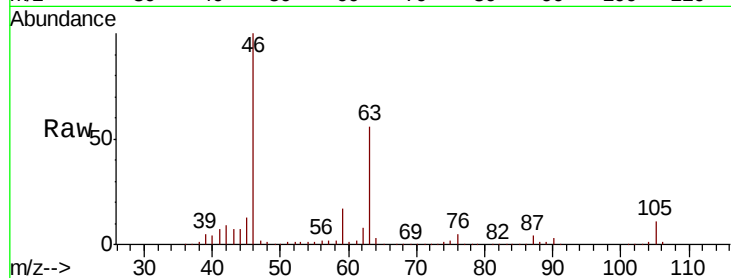




#48
2-Hexanone
Concen: 6.461 ug/L
RT: 8.13 min Scan# 2190
Delta R.T. -0.01 min
Lab File: VV019813.D
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BG4Q9ME

Tot Ion: 43 Resp: 39074
Ion Ratio Lower Upper
43 100
58 24.6 44.4 66.6#
57 2.3 15.7 23.5#
100 0.4 9.9 14.9#



#59
1,2,3-Trichloropropane
Concen: 6.787 ug/L
RT: 11.26 min Scan# 3163
Delta R.T. 0.98 min
Lab File: VV019813.D
Acq: 23 Dec 2020 15:45

Tgt Ion: 75 Resp: 46637
Ion Ratio Lower Upper
75 100
77 32.4 25.8 38.8

