

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV122320\
 Data File : VV019815.D
 Acq On : 23 Dec 2020 16:33
 Operator : SY/MD
 Sample : L5206-06ME
 Misc : 5.25g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4R1ME

Quant Time: Dec 23 22:06:36 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	749579	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	705251	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.26	152	323047	50.00	ug/L	0.00

System Monitoring Compounds

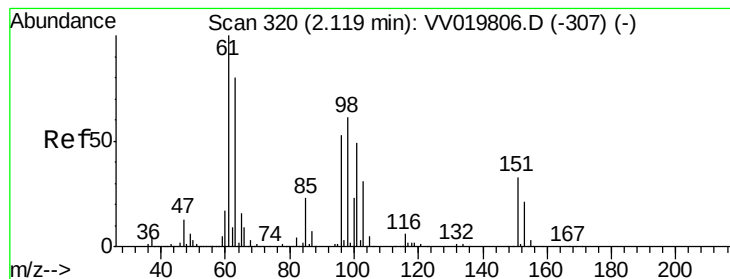
4) Vinyl Chloride-d3	1.31	65	247188	45.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.98%
7) Chloroethane-d5	1.57	69	175309	41.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.70%
11) 1,1-Dichloroethene-d2	2.08	63	361332	36.22	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.44%
21) 2-Butanone-d5	3.91	46	334277	114.42	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.42%
24) Chloroform-d	4.35	84	469127	48.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.86%
26) 1,2-Dichloroethane-d4	5.04	65	330050	52.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.26%
32) Benzene-d6	5.05	84	952890	50.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.32%
36) 1,2-Dichloropropane-d6	6.07	67	309124	52.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.92%
41) Toluene-d8	7.32	98	835645	49.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.68%
43) trans-1,3-Dichloropropene-	7.63	79	140109	41.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.62%
47) 2-Hexanone-d5	8.14	63	222403	96.17	ug/L	0.05
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.17%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	350273	43.95	ug/L	0.01
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.90%
64) 1,2-Dichlorobenzene-d4	11.64	152	284059	47.04	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.08%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.08	101	2975	0.684 ug/L #	26
27) 1,2-Dichloroethane	5.05	62	6454	0.822 ug/L	96
35) Methylcyclohexane	6.07	83	74624	9.022 ug/L #	18
48) 2-Hexanone	8.14	43	30808	5.228 ug/L #	49

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

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Operator  : SY/MD  
Sample    : L5206-06ME  
Misc      : 5.25µ/5.0mL/100µL/5.0mL/MSVOA_V/MEOH  
ALS Vial  : 1 Sample Multiplier: 1
```



#10

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

Concen: 0.684 ug/L

RT: 2.08 min Scan# 309

Delta R.T. -0.04 min

Lab File: VV019815.D

Acq: 23 Dec 2020 16:33

Instrument :

MSVOA_V

ClientSampleId :

BG4R1ME

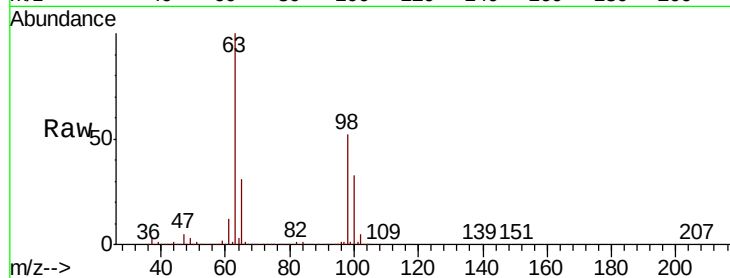
Tot Ion:101 Resp: 2975

Ion Ratio Lower Upper

101 100

85 2.8 35.0 52.4#

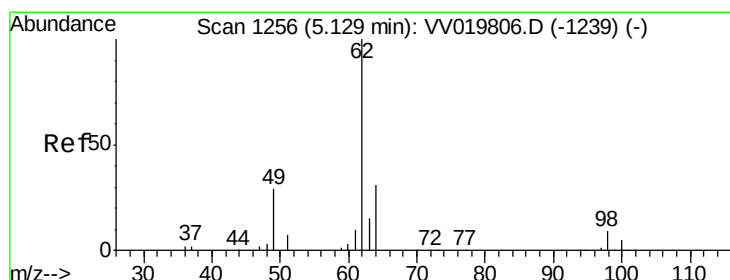
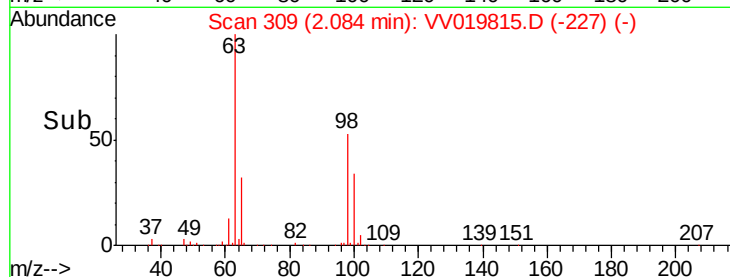
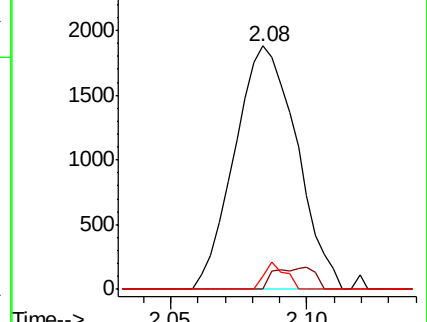
151 3.7 55.8 83.8#



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: 0.822 ug/L

RT: 5.05 min Scan# 1231

Delta R.T. -0.08 min

Lab File: VV019815.D

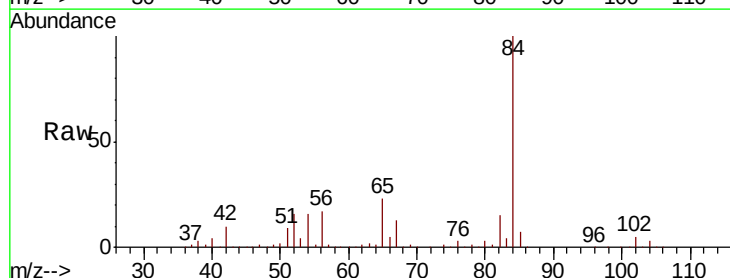
Acq: 23 Dec 2020 16:33

Tgt Ion: 62 Resp: 6454

Ion Ratio Lower Upper

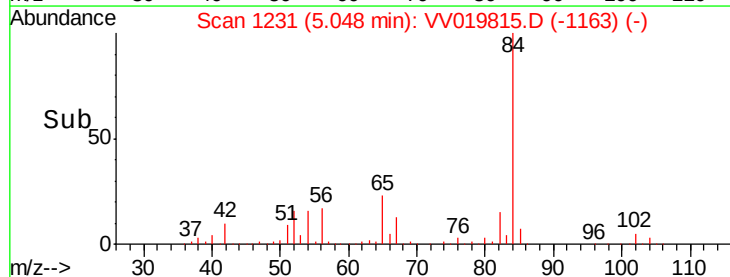
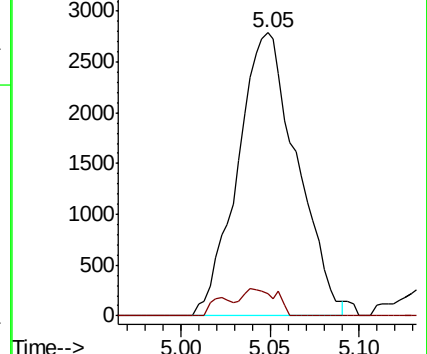
62 100

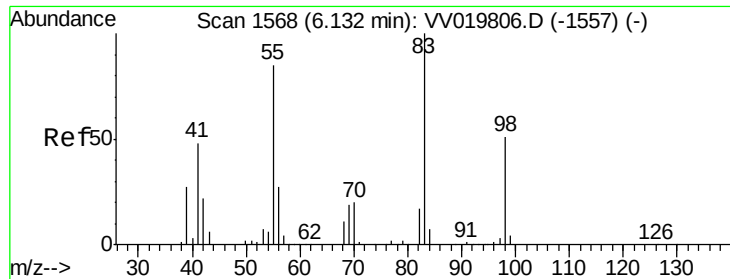
98 7.9 7.4 11.0



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

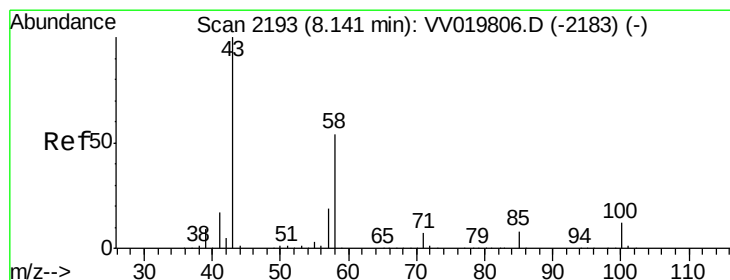
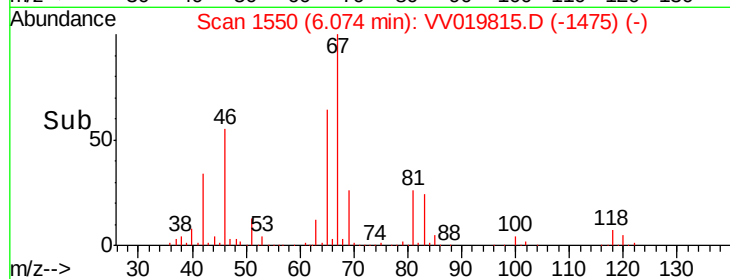
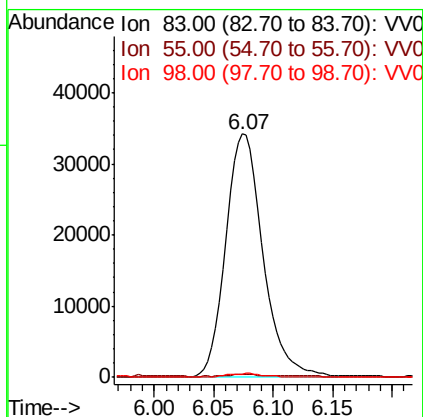
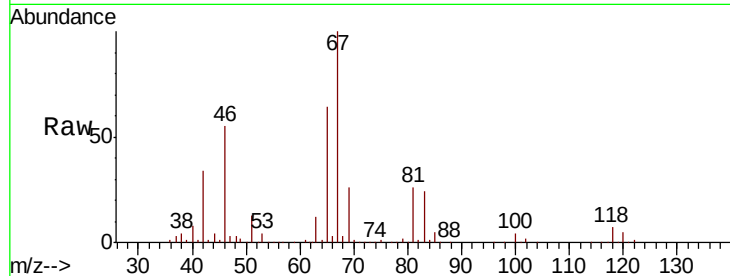




#35
Methylvlcyclohexane
Concen: 9.022 ug/L
RT: 6.07 min Scan# 1550
Delta R.T. -0.06 min
Lab File: VV019815.D
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Tot Ion: 83 Resp: 74624
Ion Ratio Lower Upper
83 100
55 1.0 64.2 96.4#
98 1.0 39.3 58.9#



#48
2-Hexanone
Concen: 5.228 ug/L
RT: 8.14 min Scan# 2191
Delta R.T. -0.01 min
Lab File: VV019815.D
Acq: 23 Dec 2020 16:33

Tgt Ion: 43 Resp: 30808
Ion Ratio Lower Upper
43 100
58 7.9 44.4 66.6#
57 9.3 15.7 23.5#
100 0.7 9.9 14.9#

