

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV122420\
 Data File : VV019831.D
 Acq On : 24 Dec 2020 12:59
 Operator : SY/MD
 Sample : VIBLK82
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK82

Quant Time: Dec 25 05:38:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 25 05:36:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	666059	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	624065	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.26	152	297600	50.00	ug/L	0.00

System Monitoring Compounds

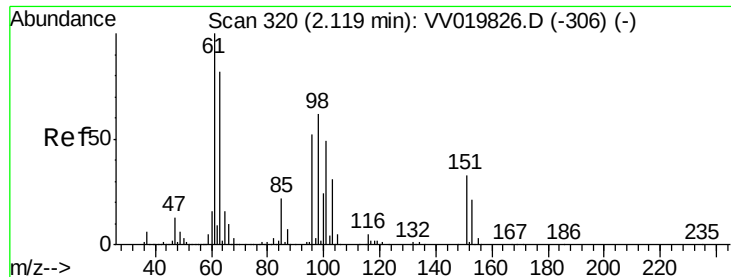
4) Vinyl Chloride-d3	1.31	65	199768	41.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.66%
7) Chloroethane-d5	1.57	69	172576	45.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.62%
11) 1,1-Dichloroethene-d2	2.11	63	303071	34.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.38%
21) 2-Butanone-d5	3.89	46	323987	124.80	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	124.80%
24) Chloroform-d	4.35	84	392336	45.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.16%
26) 1,2-Dichloroethane-d4	5.04	65	276691	49.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.38%
32) Benzene-d6	5.05	84	776633	46.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.32%
36) 1,2-Dichloropropane-d6	6.07	67	254165	48.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.50%
41) Toluene-d8	7.32	98	673360	44.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.86%
43) trans-1,3-Dichloropropene-	7.63	79	114715	38.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.36%
47) 2-Hexanone-d5	8.09	63	192389	94.02	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.02%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	309753	43.92	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.84%
64) 1,2-Dichlorobenzene-d4	11.63	152	245270	44.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.18%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	2708	0.700 ug/L #	24
34) Trichloroethene	5.93	95	5905	1.226 ug/L	93
39) cis-1,3-Dichloropropene	6.99	75	7912	1.000 ug/L #	71
46) Tetrachloroethene	7.98	164	3383	1.015 ug/L	93
48) 2-Hexanone	8.15	43	11206	2.149 ug/L #	40
49) Dibromochloromethane	7.98	129	3082	0.622 ug/L #	11
59) 1,2,3-Trichloropropane	11.25	75	41624	7.026 ug/L	98

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

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Sample    : VIBLK82  
Misc      : 5.0mL/MSVOA V/WATER  
ALS Vial  : 1 Sample Multiplier: 1
```



#10

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

Concen: 0.700 ug/L

RT: 2.11 min Scan# 317

Delta R.T. -0.01 min

Lab File: VV019831.D

Acq: 24 Dec 2020 12:59

Instrument :

MSVOA_V

ClientSampleId :

VIBLK82

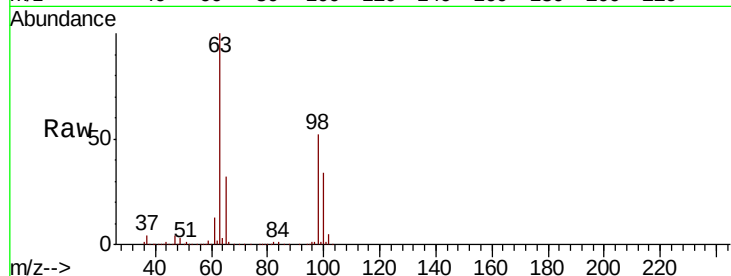
Tot Ion:101 Resp: 2708

Ion Ratio Lower Upper

101 100

85 1.4 35.0 52.4#

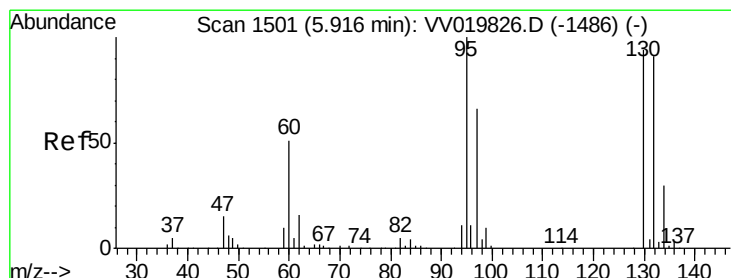
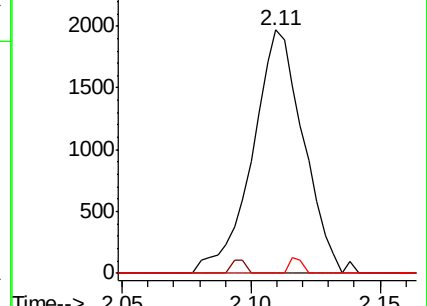
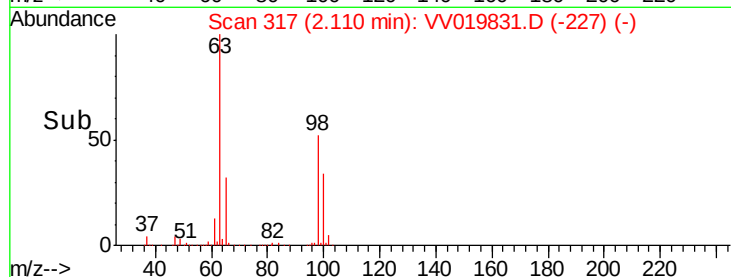
151 1.7 55.8 83.8#



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



#34

Trichloroethene

Concen: 1.226 ug/L

RT: 5.93 min Scan# 1504

Delta R.T. 0.01 min

Lab File: VV019831.D

Acq: 24 Dec 2020 12:59

Tgt Ion: 95 Resp: 5905

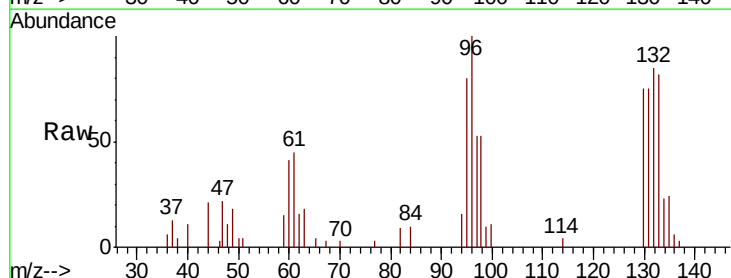
Ion Ratio Lower Upper

95 100

97 65.6 44.4 82.4

132 105.2 64.3 119.3

130 93.6 67.8 125.8

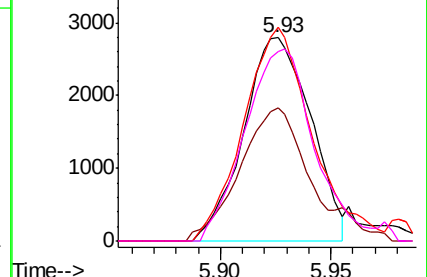
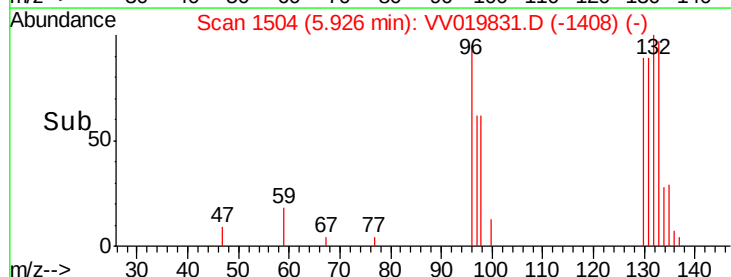


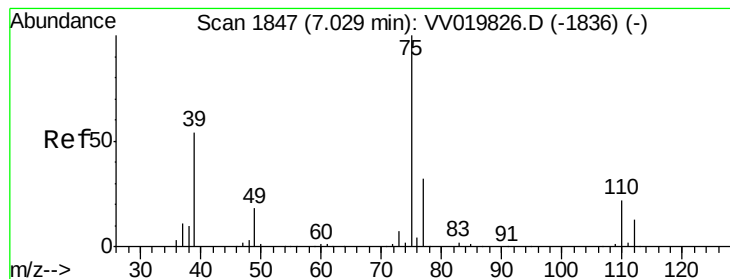
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V





#39

cis-1,3-Dichloropropene

Concen: 1.000 ug/L

RT: 6.99 min Scan# 1834

Delta R.T. -0.04 min

Lab File: VV019831.D

Acq: 24 Dec 2020 12:59

Instrument :

MSVOA_V

ClientSampleId :

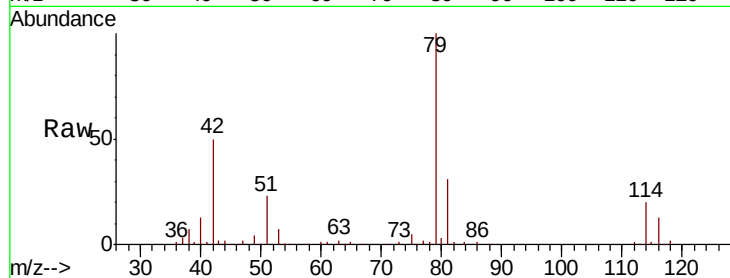
VIBLK82

Tot Ion: 75 Resp: 7912

Ion Ratio Lower Upper

75 100

77 48.3 22.4 41.6#



Abundance Ion 75.00 (74.70 to 75.70): VV019826.D (-1836) (-)

Ion 77.00 (76.70 to 77.70): VV019826.D (-1836) (-)

6.99

4000

3000

2000

1000

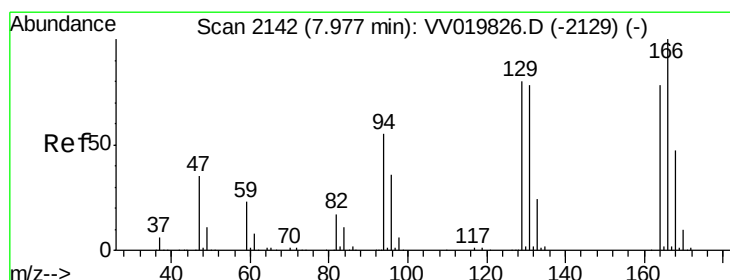
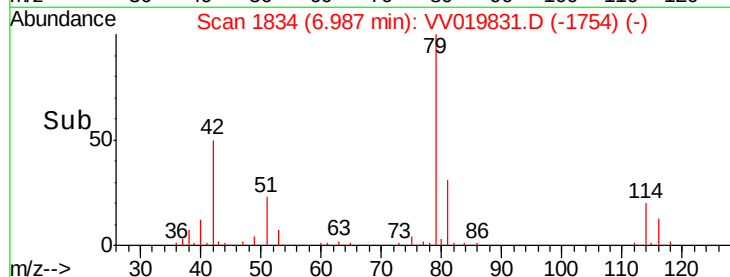
0

6.95

7.00

7.05

Time-->



#46

Tetrachloroethene

Concen: 1.015 ug/L

RT: 7.98 min Scan# 2143

Delta R.T. 0.00 min

Lab File: VV019831.D

Acq: 24 Dec 2020 12:59

Tgt Ion:164 Resp: 3383

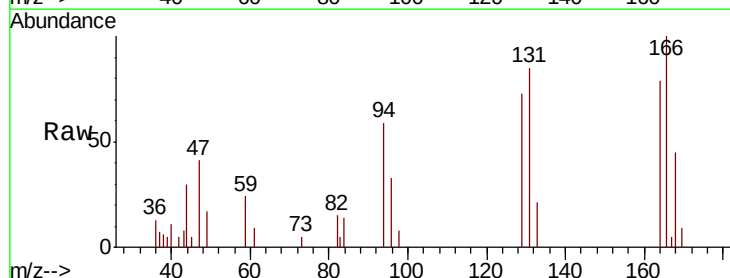
Ion Ratio Lower Upper

164 100

129 92.9 70.6 131.0

131 108.7 68.0 126.4

166 127.3 86.9 161.5



Abundance Ion 164.00 (163.70 to 164.70): VV019826.D (-2129) (-)

Ion 129.00 (128.70 to 129.70): VV019826.D (-2129) (-)

Ion 131.00 (130.70 to 131.70): VV019826.D (-2129) (-)

Ion 166.00 (165.70 to 166.70): VV019826.D (-2129) (-)

7.98

3000

2000

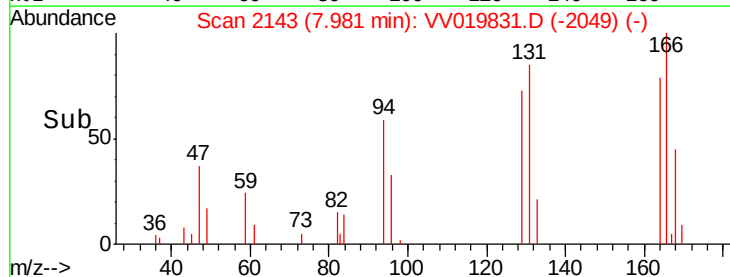
1000

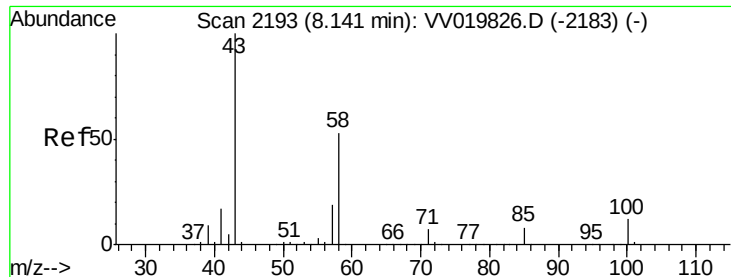
0

7.95

8.00

Time-->

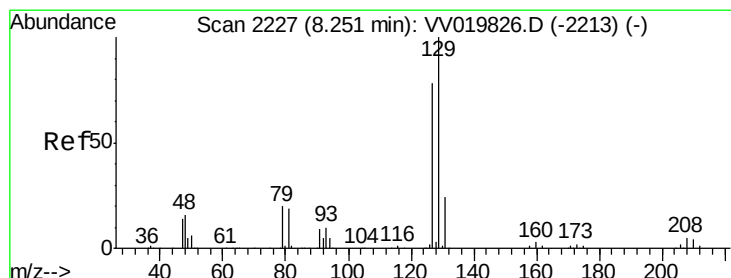
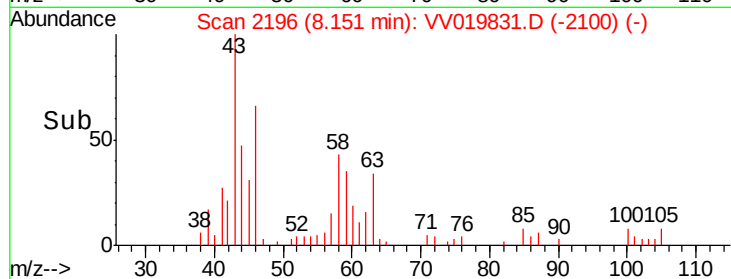
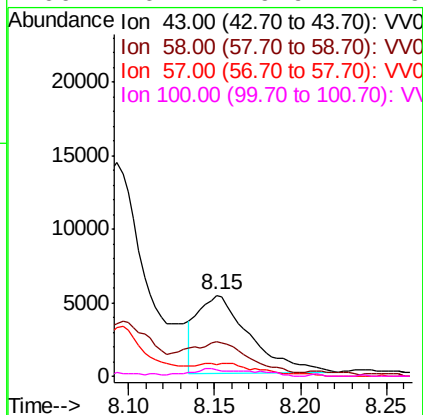
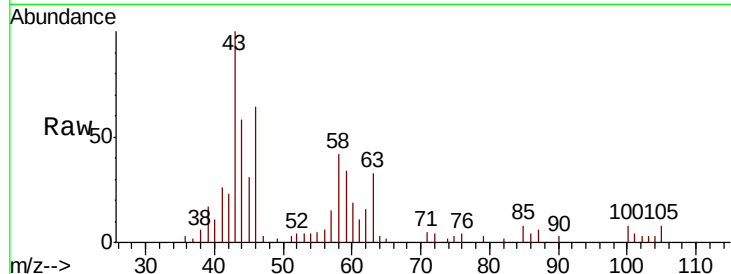




#48
2-Hexanone
Concen: 2.149 ug/L
RT: 8.15 min Scan# 2196
Delta R.T. 0.01 min
Lab File: VV019831.D
Acq: 24 Dec 2020 12:59

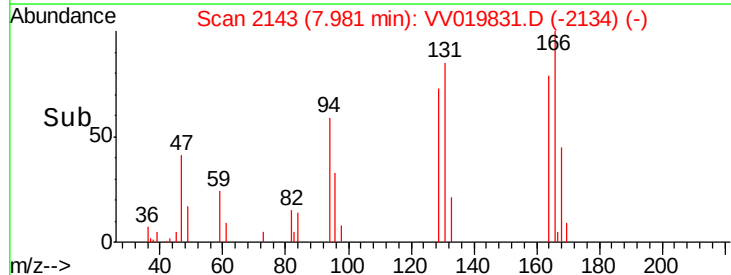
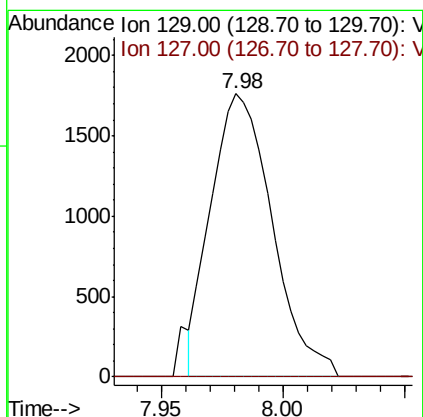
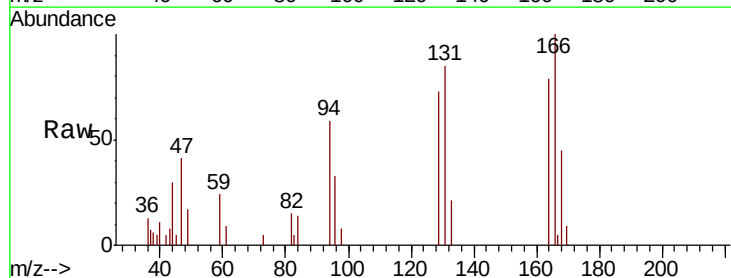
Instrument :
MSVOA_V
ClientSampleId :
VIBLK82

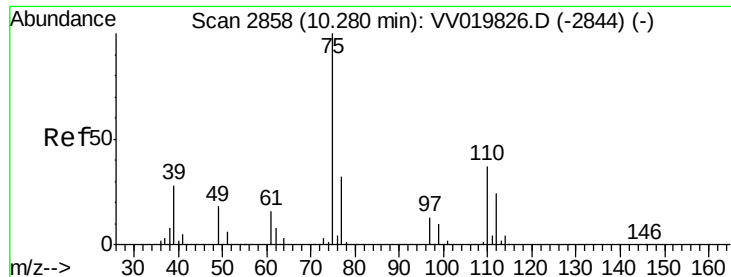
Tot Ion:	43	Resp:	11206
Ion	Ratio	Lower	Upper
43	100		
58	0.0	44.4	66.6#
57	0.9	15.7	23.5#
100	6.7	9.9	14.9#



#49
Dibromochloromethane
Concen: 0.622 ug/L
RT: 7.98 min Scan# 2143
Delta R.T. -0.27 min
Lab File: VV019831.D
Acq: 24 Dec 2020 12:59

Tgt Ion:	129	Resp:	3082
Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.2	100.6#





#59

1,2,3-Trichloropropane

Concen: 7.026 ug/L

RT: 11.25 min Scan# 3161

Delta R.T. 0.97 min

Lab File: VV019831.D

Acq: 24 Dec 2020 12:59

Instrument :

MSVOA_V

ClientSampleId :

VIBLK82

Tot Ion: 75 Resp: 41624

Ion Ratio Lower Upper

75 100

77 33.2 25.8 38.8

