

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121220\
 Data File : VV019566.D
 Acq On : 12 Dec 2020 19:17
 Operator : SY/MD
 Sample : L4928-09
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4J4

Quant Time: Dec 13 04:40:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sun Dec 13 04:37:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	650021	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	593658	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	274434	50.00	ug/L	0.00

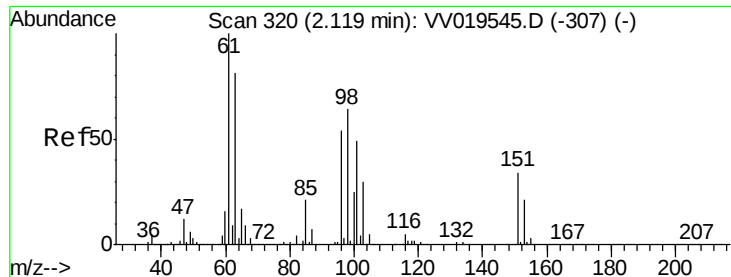
System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	260386	55.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	111.72%
7) Chloroethane-d5	1.57	69	208774	56.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	113.58%
11) 1,1-Dichloroethene-d2	2.11	63	370855	42.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.74%
21) 2-Butanone-d5	3.89	46	283904	112.06	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.06%
24) Chloroform-d	4.35	84	441692	52.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.16%
26) 1,2-Dichloroethane-d4	5.04	65	309077	56.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.60%
32) Benzene-d6	5.05	84	901375	56.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	113.86%
36) 1,2-Dichloropropane-d6	6.07	67	281412	56.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	113.48%
41) Toluene-d8	7.32	98	800313	56.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.28%
43) trans-1,3-Dichloropropene-	7.62	79	142971	50.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.36%
47) 2-Hexanone-d5	8.09	63	206767	106.22	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.22%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	356543	53.15	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.30%
64) 1,2-Dichlorobenzene-d4	11.63	152	284283	55.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.84%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	3094	0.820	ug/L #	24
13) Acetone	2.18	43	9595	4.446	ug/L	95
46) Tetrachloroethene	7.98	164	3183	1.004	ug/L	98
48) 2-Hexanone	8.09	43	25530	5.147	ug/L #	67
49) Dibromochloromethane	7.98	129	3271	0.694	ug/L #	11

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



#10

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

Concen: 0.820 ug/L

RT: 2.11 min Scan# 318

Delta R.T. -0.01 min

Lab File: VV019566.D

Acq: 12 Dec 2020 19:17

Instrument :

MSVOA_V

ClientSampled :

BG4J4

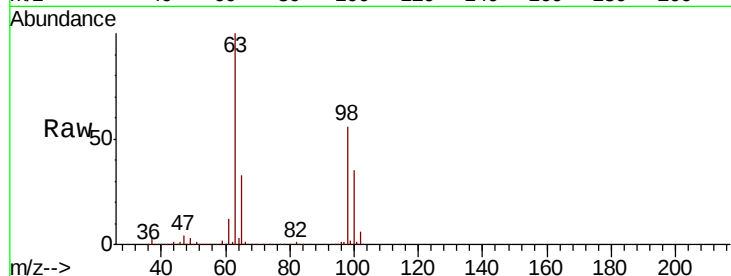
Tot Ion:101 Resp: 3094

Ion Ratio Lower Upper

101 100

85 1.5 35.0 52.4#

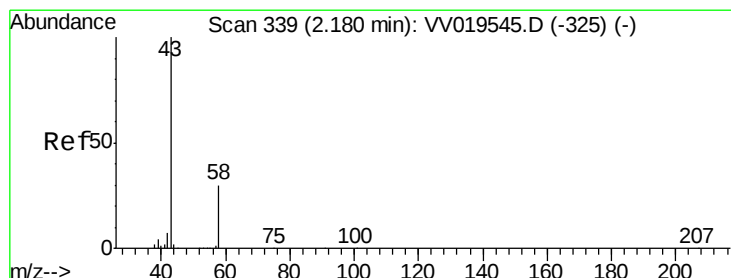
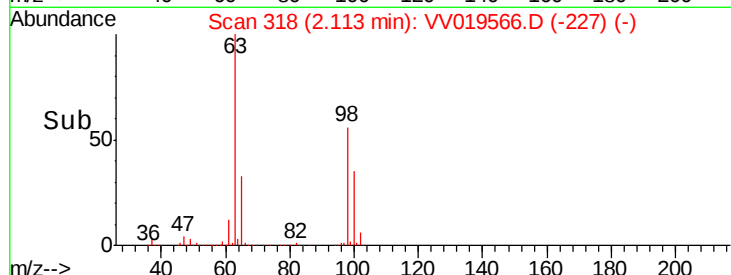
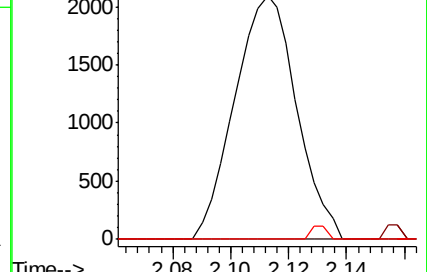
151 1.5 55.8 83.8#



Abundance Ion 101.00 (100.70 to 101.70): VV019545.D (-307) (-)

Ion 85.00 (84.70 to 85.70): VV019545.D (-307) (-)

Ion 151.00 (150.70 to 151.70): VV019545.D (-307) (-)



#13

Acetone

Concen: 4.446 ug/L

RT: 2.18 min Scan# 338

Delta R.T. -0.00 min

Lab File: VV019566.D

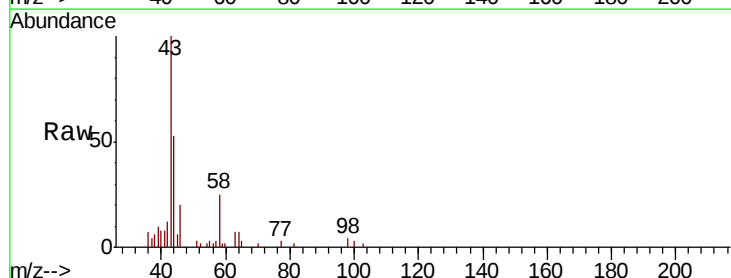
Acq: 12 Dec 2020 19:17

Tgt Ion: 43 Resp: 9595

Ion Ratio Lower Upper

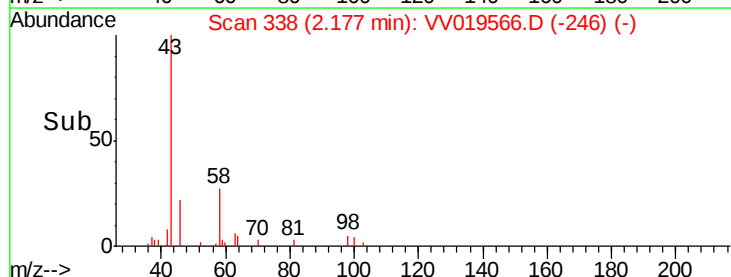
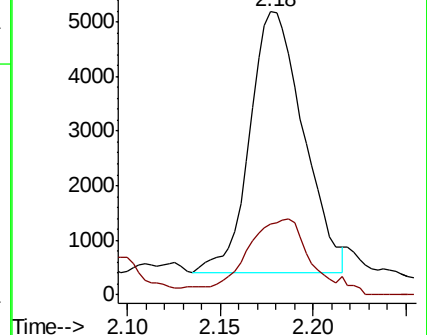
43 100

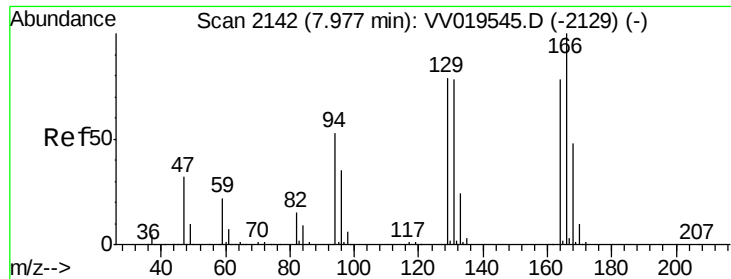
58 33.3 0.0 61.6



Abundance Ion 43.00 (42.70 to 43.70): VV019545.D (-325) (-)

Ion 58.00 (57.70 to 58.70): VV019545.D (-325) (-)

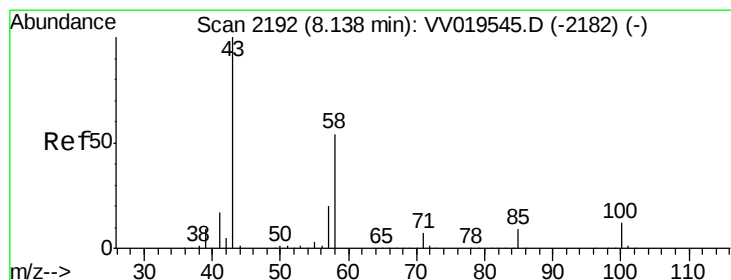
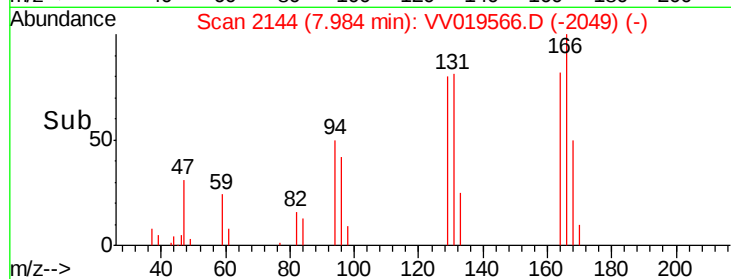
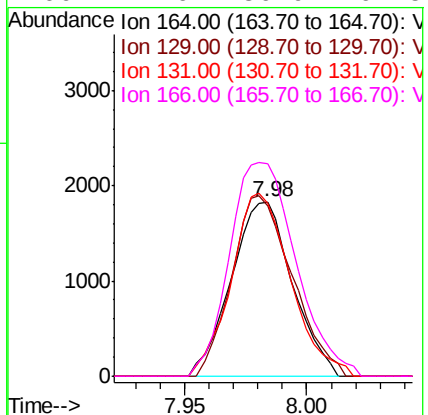
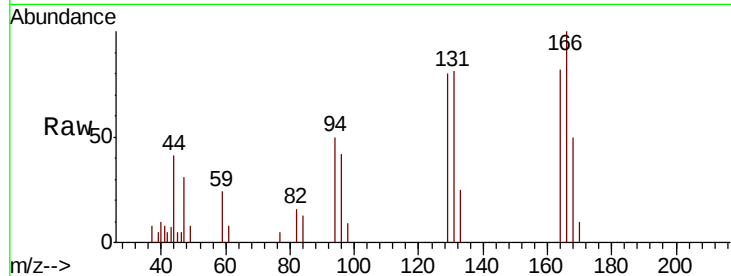




#46
Tetrachloroethene
Concen: 1.004 ug/L
RT: 7.98 min Scan# 2144
Delta R.T. 0.01 min
Lab File: VV019566.D
Acq: 12 Dec 2020 19:17

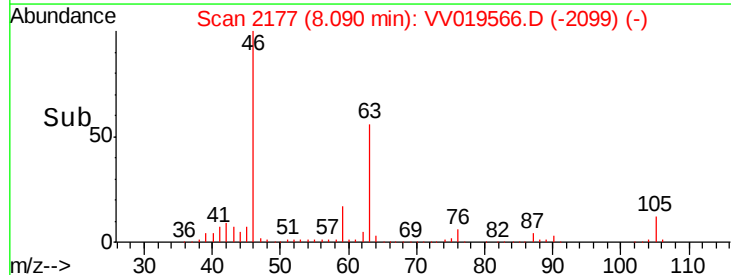
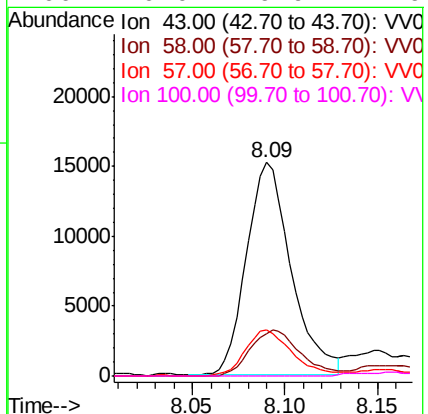
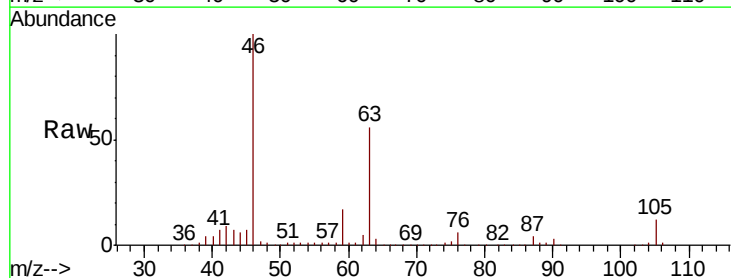
Instrument :
MSVOA_V
ClientSampled :
BG4J4

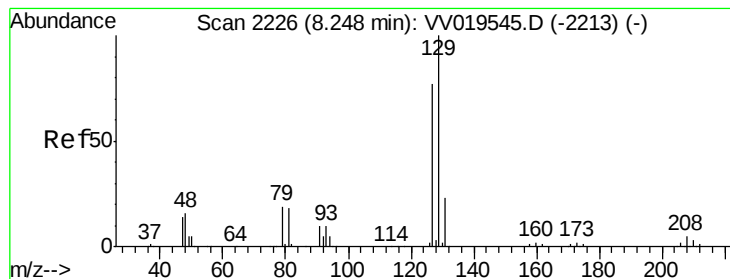
Tot Ion:	164	Resp:	3183
Ion	Ratio	Lower	Upper
164	100		
129	97.8	70.6	131.0
131	99.0	68.0	126.4
166	121.6	86.9	161.5



#48
2-Hexanone
Concen: 5.147 ug/L
RT: 8.09 min Scan# 2177
Delta R.T. -0.05 min
Lab File: VV019566.D
Acq: 12 Dec 2020 19:17

Tgt Ion:	43	Resp:	25530
Ion	Ratio	Lower	Upper
43	100		
58	24.3	44.4	66.6#
57	22.8	15.7	23.5
100	0.0	9.9	14.9#





#49

Dibromochloromethane

Concen: 0.694 ug/L

RT: 7.98 min Scan# 2143

Delta R.T. -0.27 min

Lab File: VV019566.D

Acq: 12 Dec 2020 19:17

Instrument :

MSVOA_V

ClientSampleId :

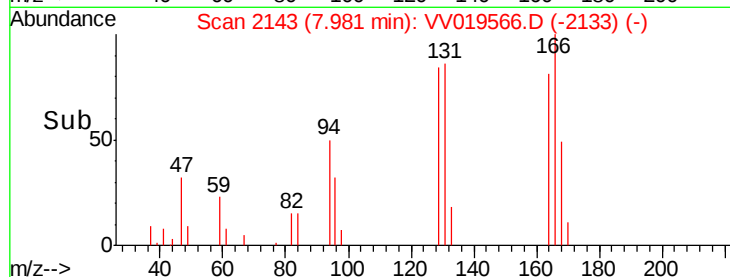
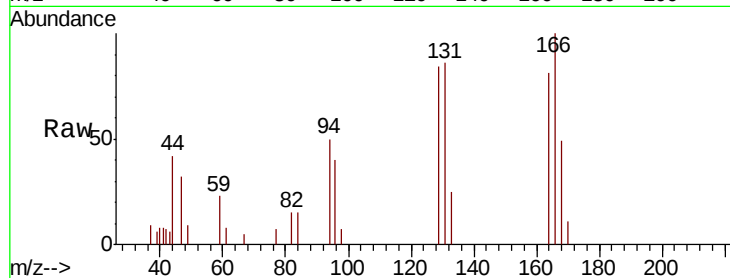
BG4J4

Tot Ion:129 Resp: 3271

Ion Ratio Lower Upper

129 100

127 0.0 54.2 100.6#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

