

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121820\
 Data File : VV019698.D
 Acq On : 18 Dec 2020 14:32
 Operator : SY/MD
 Sample : L5099-04 200X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4P9

Quant Time: Dec 19 05:28:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 19 05:26:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	585433	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	545063	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	252276	50.00	ug/L	0.00

System Monitoring Compounds

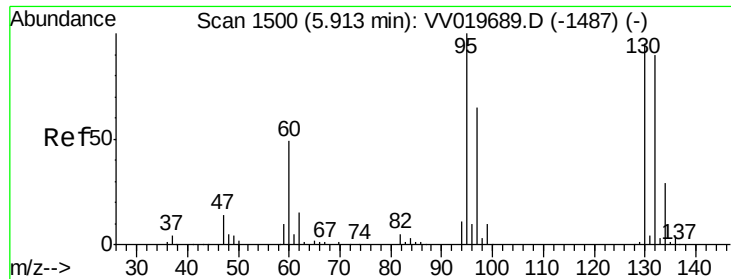
4) Vinyl Chloride-d3	1.31	65	193819	46.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.34%
7) Chloroethane-d5	1.57	69	165243	49.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.82%
11) 1,1-Dichloroethene-d2	2.11	63	281869	36.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.36%
21) 2-Butanone-d5	3.89	46	322474	141.33	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	141.33%#
24) Chloroform-d	4.35	84	373159	49.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.64%
26) 1,2-Dichloroethane-d4	5.04	65	259284	52.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.88%
32) Benzene-d6	5.05	84	745407	51.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.56%
36) 1,2-Dichloropropane-d6	6.07	67	238439	52.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.72%
41) Toluene-d8	7.32	98	644895	49.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.54%
43) trans-1,3-Dichloropropene-	7.62	79	116859	45.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.24%
47) 2-Hexanone-d5	8.09	63	219696	122.92	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	122.92%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	309148	50.19	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.38%
64) 1,2-Dichlorobenzene-d4	11.63	152	240961	51.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.20%

Target Compounds

					Ovalue
34) Trichloroethene	5.93	95	4514	1.073 ug/L	93
46) Tetrachloroethene	7.98	164	12476	4.285 ug/L	96
49) Dibromochloromethane	7.98	129	12102	2.797 ug/L #	11
59) 1,2,3-Trichloropropane	11.25	75	34001	6.571 ug/L	89

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

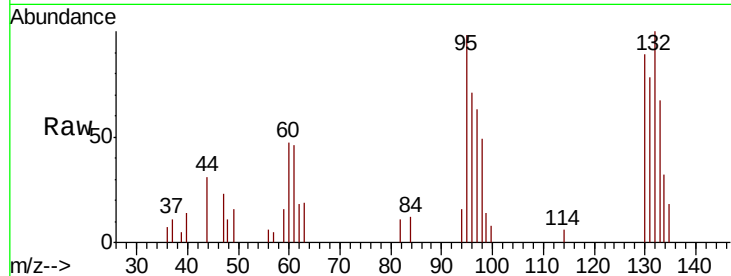
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV121820\
Data File : VV019698.D
Acq On : 18 Dec 2020 14:32
Operator : SY/MD
Sample : L5099-04 200X
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 1 Sample Multiplier: 1



#34
 Trichloroethene
 Concen: 1.073 ug/L
 RT: 5.93 min Scan# 1504
 Delta R.T. 0.01 min
 Lab File: VV019698.D
 Acq: 18 Dec 2020 14:32

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4P9

Tot Ion: 95 Resp: 4514
 Ion Ratio Lower Upper
 95 100
 97 64.6 44.4 82.4
 132 102.4 64.3 119.3
 130 90.9 67.8 125.8



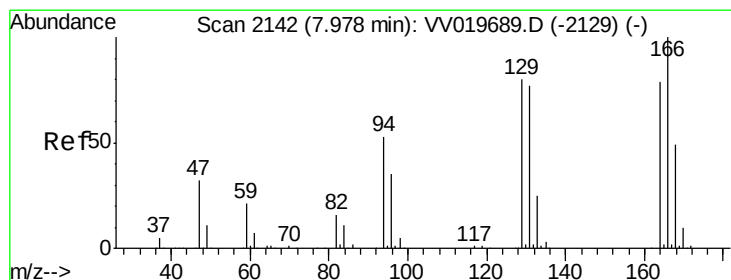
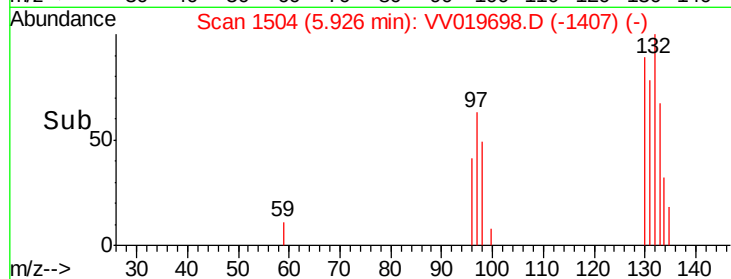
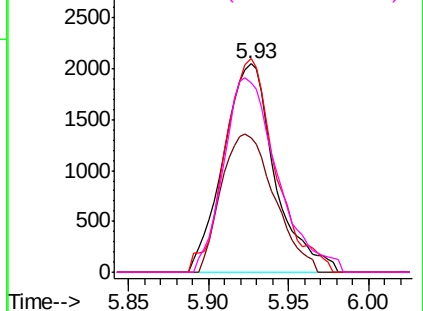
Abundance

Ion 95.00 (94.70 to 95.70): VV019698.D (-1487) (-)

Ion 97.00 (96.70 to 97.70): VV019698.D (-1487) (-)

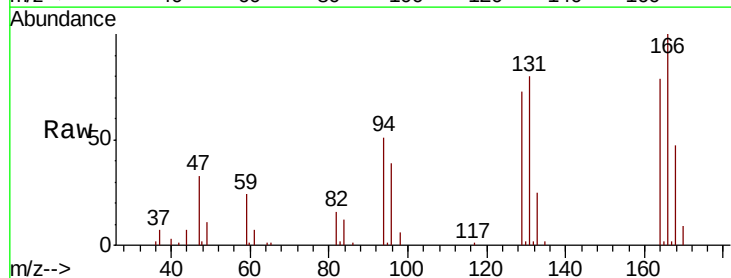
Ion 132.00 (131.70 to 132.70): VV019698.D (-1487) (-)

Ion 130.00 (129.70 to 130.70): VV019698.D (-1487) (-)



#46
 Tetrachloroethene
 Concen: 4.285 ug/L
 RT: 7.98 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VV019698.D
 Acq: 18 Dec 2020 14:32

Tgt Ion: 164 Resp: 12476
 Ion Ratio Lower Upper
 164 100
 129 92.1 70.6 131.0
 131 100.3 68.0 126.4
 166 126.1 86.9 161.5



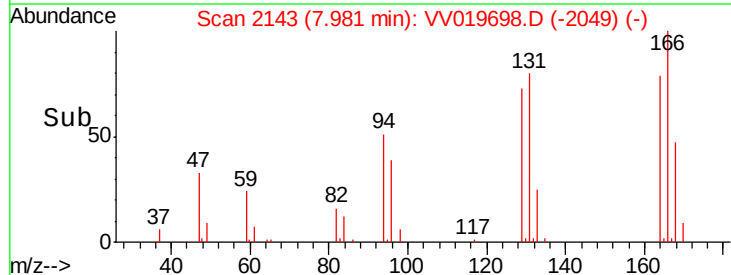
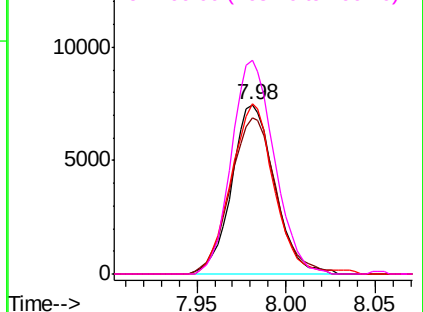
Abundance

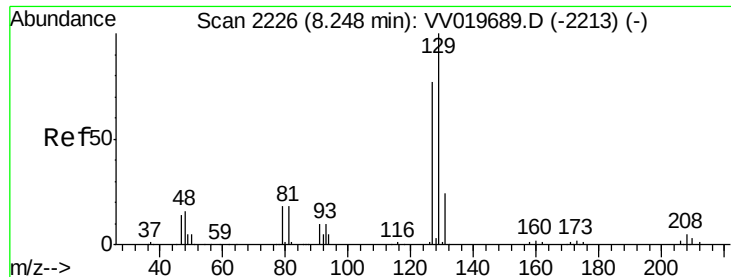
Ion 164.00 (163.70 to 164.70): VV019698.D (-2129) (-)

Ion 129.00 (128.70 to 129.70): VV019698.D (-2129) (-)

Ion 131.00 (130.70 to 131.70): VV019698.D (-2129) (-)

Ion 166.00 (165.70 to 166.70): VV019698.D (-2129) (-)





#49

Dibromochloromethane

Concen: 2.797 ug/L

RT: 7.98 min Scan# 2143

Delta R.T. -0.27 min

Lab File: VV019698.D

Acq: 18 Dec 2020 14:32

Instrument :

MSVOA_V

ClientSampled :

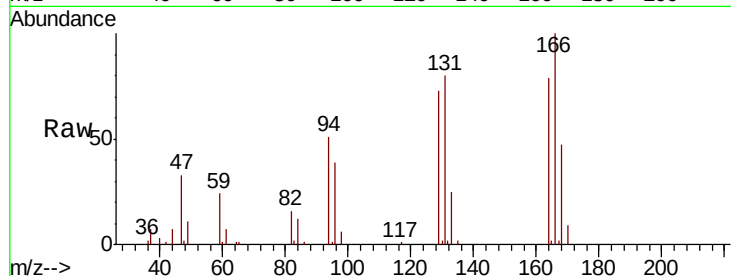
BG4P9

Tot Ion:129 Resp: 12102

Ion Ratio Lower Upper

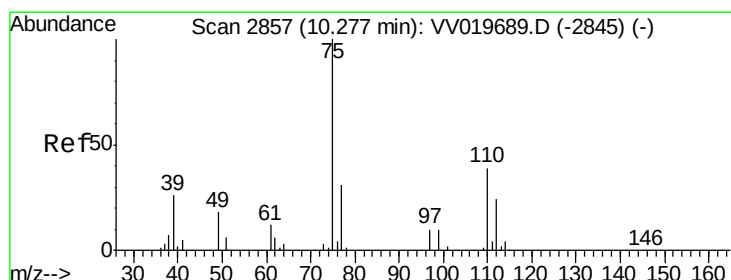
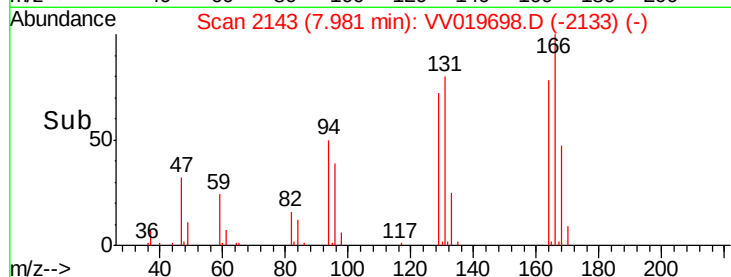
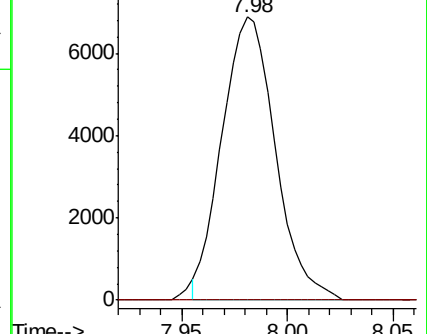
129 100

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



#59

1,2,3-Trichloropropane

Concen: 6.571 ug/L

RT: 11.25 min Scan# 3161

Delta R.T. 0.98 min

Lab File: VV019698.D

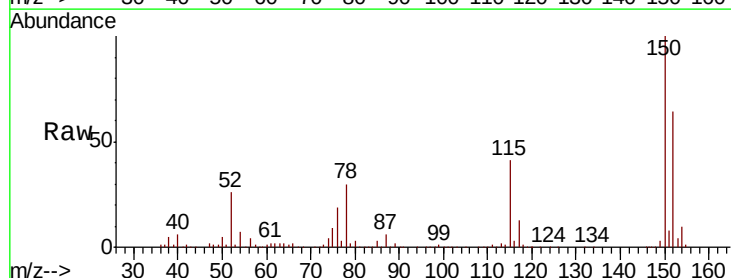
Acq: 18 Dec 2020 14:32

Tgt Ion: 75 Resp: 34001

Ion Ratio Lower Upper

75 100

77 38.3 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

