

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101020\
 Data File : VV018846.D
 Acq On : 10 Oct 2020 20:33
 Operator : SY/MD
 Sample : L4289-08
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AJ7

Quant Time: Oct 12 04:53:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Oct 12 04:43:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	282401	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	293149	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	129746	50.00	ug/L	0.00

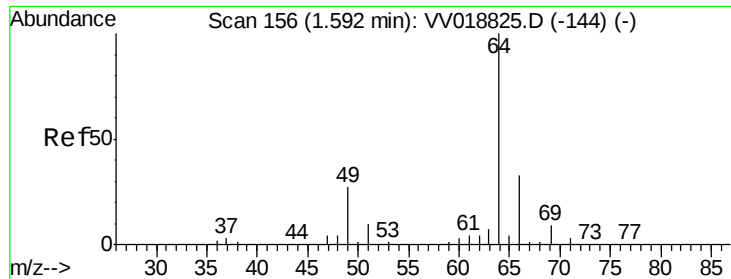
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	84465	32.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	65.84%
7) Chloroethane-d5	1.58	69	81084	39.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.52%
11) 1,1-Dichloroethene-d2	2.12	63	137472	27.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	55.58%#
21) 2-Butanone-d5	3.91	46	172931	109.76	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.76%
24) Chloroform-d	4.38	84	206117	45.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.06%
26) 1,2-Dichloroethane-d4	5.06	65	139756	45.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.08%
32) Benzene-d6	5.07	84	355944	37.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	75.46%
36) 1,2-Dichloropropane-d6	6.09	67	125250	40.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	81.44%
41) Toluene-d8	7.34	98	317386	37.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	75.80%#
43) trans-1,3-Dichloropropene-	7.64	79	54956	36.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.10%
47) 2-Hexanone-d5	8.11	63	92952	86.21	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.21%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	156529	44.23	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.46%
64) 1,2-Dichlorobenzene-d4	11.65	152	141536	49.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.58%

Target Compounds

					Ovalue
8) Chloroethane	1.48	64	7585	4.646 ug/L #	57
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1356	0.668 ug/L #	21
46) Tetrachloroethene	8.00	164	1835	0.935 ug/L	83
48) 2-Hexanone	8.16	43	10450	3.987 ug/L	92
49) Dibromochloromethane	8.00	129	1661	0.662 ug/L #	10
59) 1,2,3-Trichloropropane	11.27	75	15979	5.257 ug/L	89

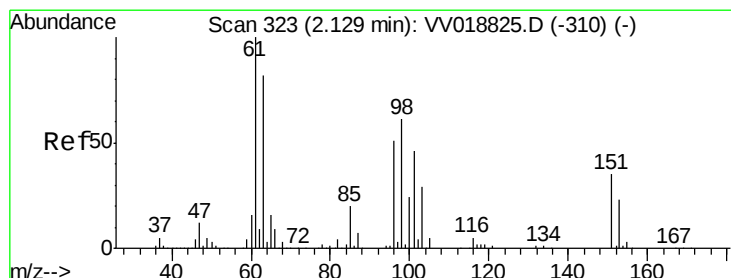
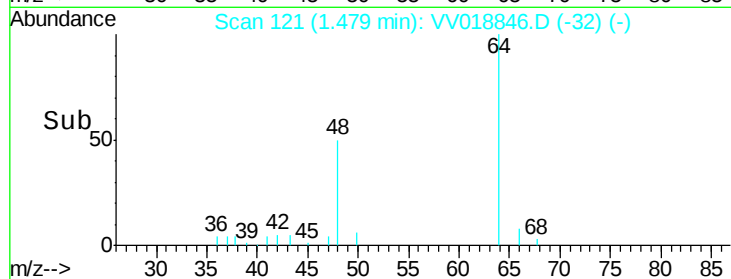
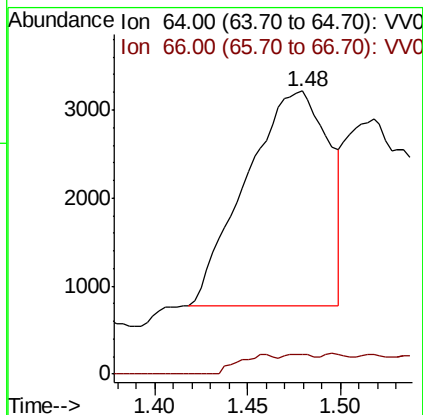
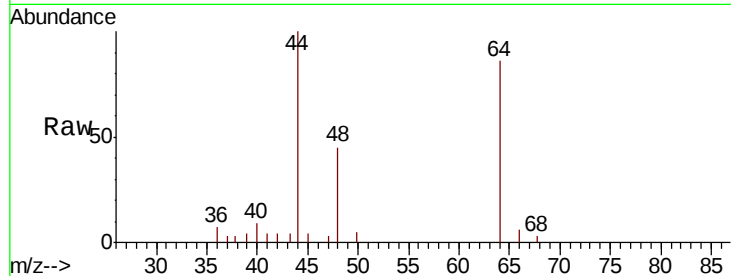
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#8
 Chloroethane
 Concen: 4.646 ug/L
 RT: 1.48 min Scan# 121
 Delta R.T. -0.11 min
 Lab File: VV018846.D
 Acq: 10 Oct 2020 20:33

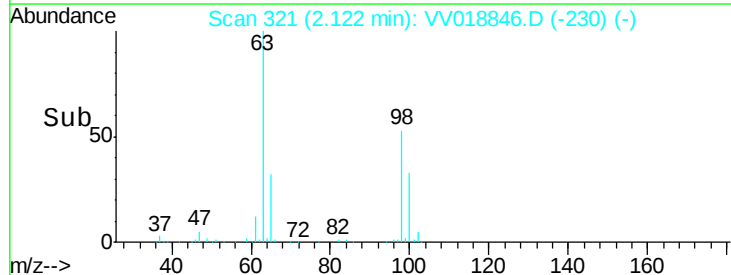
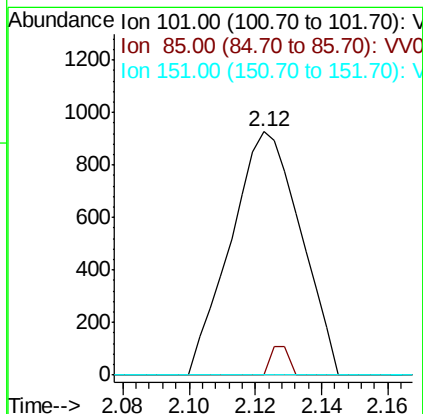
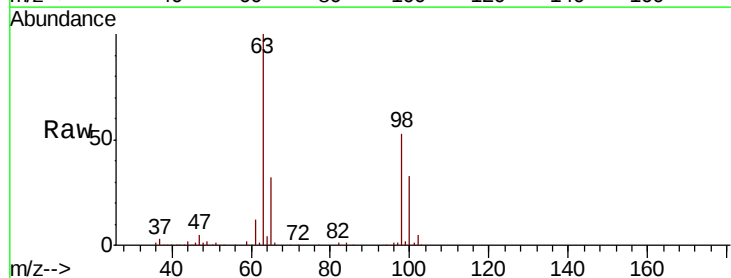
Instrument :
 MSVOA_V
 ClientSampled :
 C0AJ7

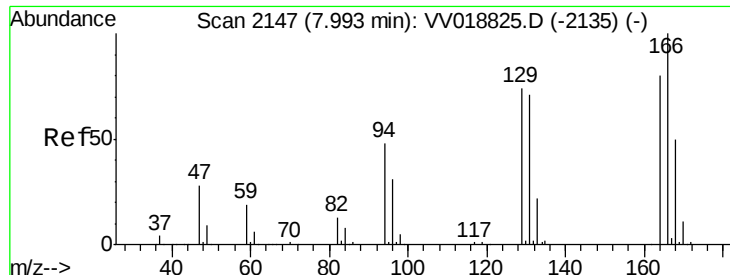
Tot Ion: 64 Resp: 7585
 Ion Ratio Lower Upper
 64 100
 66 7.2 21.7 40.3#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.668 ug/L
 RT: 2.12 min Scan# 321
 Delta R.T. -0.01 min
 Lab File: VV018846.D
 Acq: 10 Oct 2020 20:33

Tgt Ion: 101 Resp: 1356
 Ion Ratio Lower Upper
 101 100
 85 3.1 35.9 53.9#
 151 0.0 59.8 89.8#





#46

Tetrachloroethene

Concen: 0.935 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.01 min

Lab File: VV018846.D

Acq: 10 Oct 2020 20:33

Instrument :

MSVOA_V

ClientSampleId :

C0AJ7

Tot Ion:164 Resp: 1835

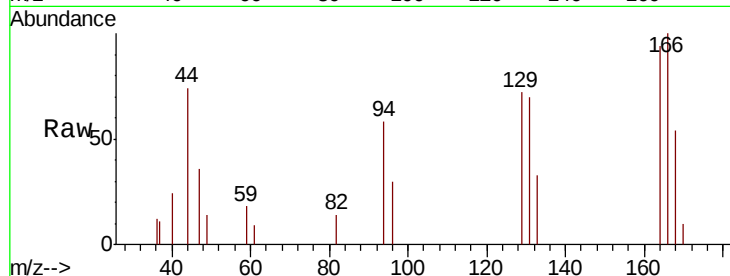
Ion Ratio Lower Upper

164 100

129 76.3 64.6 120.0

131 74.2 63.6 118.0

166 106.3 88.3 164.1

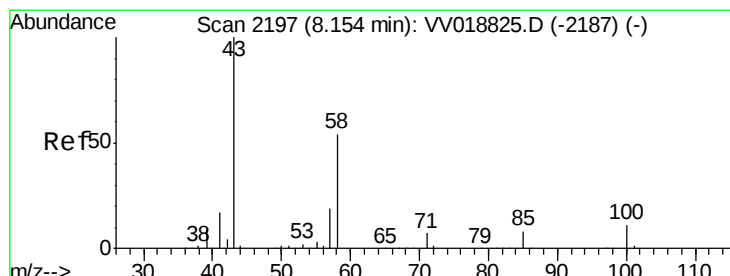
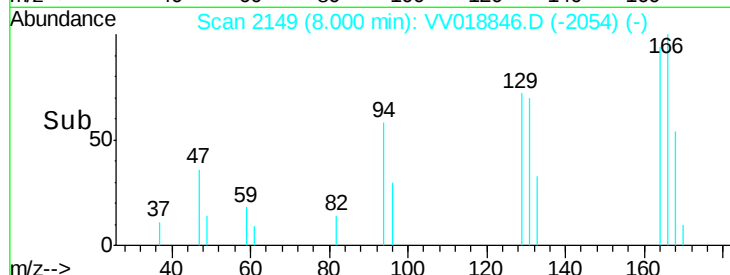
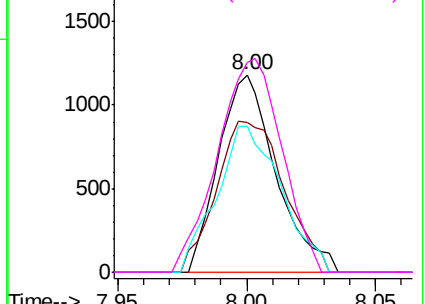


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#48

2-Hexanone

Concen: 3.987 ug/L

RT: 8.16 min Scan# 2199

Delta R.T. 0.01 min

Lab File: VV018846.D

Acq: 10 Oct 2020 20:33

Tgt Ion: 43 Resp: 10450

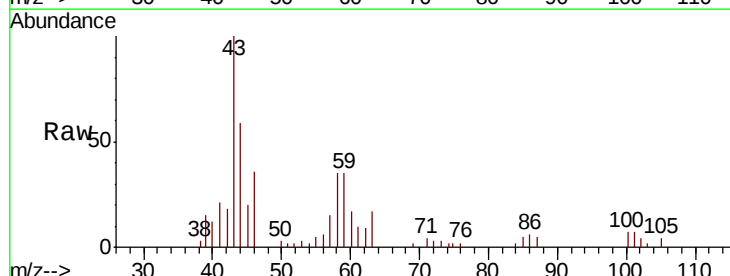
Ion Ratio Lower Upper

43 100

58 44.4 41.8 62.8

57 17.6 14.9 22.3

100 9.4 9.2 13.8

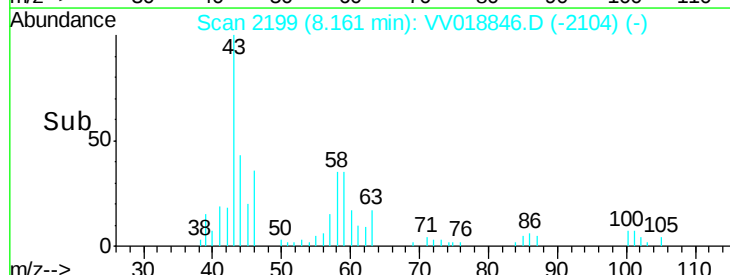
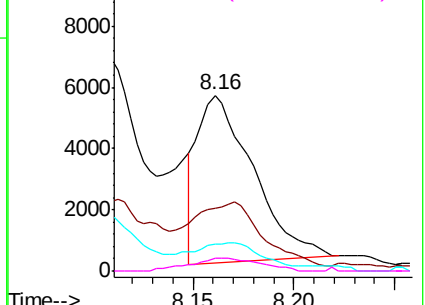


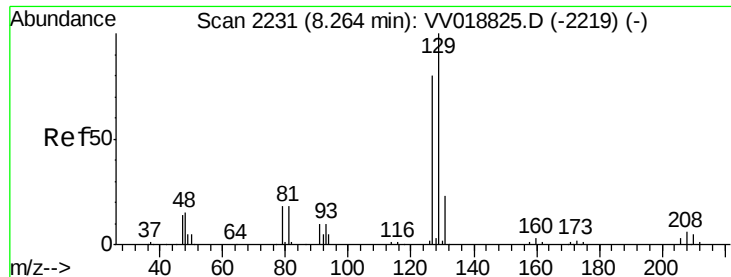
Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

Ion 57.00 (56.70 to 57.70): VV0

Ion 100.00 (99.70 to 100.70): VV0





#49

Dibromochloromethane

Concen: 0.662 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.27 min

Lab File: VV018846.D

Acq: 10 Oct 2020 20:33

Instrument :

MSVOA_V

ClientSampleId :

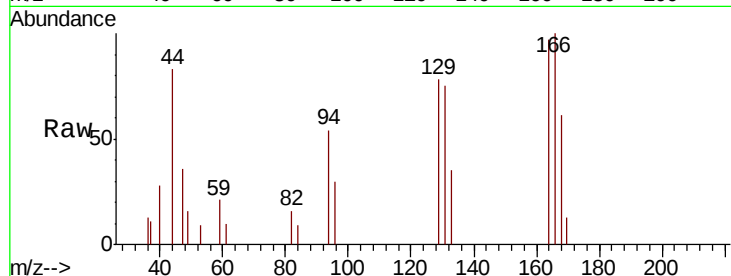
C0AJ7

Tot Ion:129 Resp: 1661

Ion Ratio Lower Upper

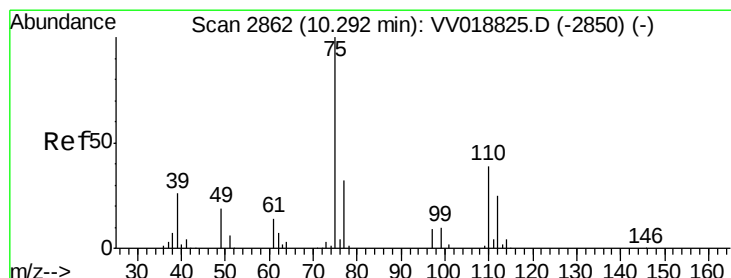
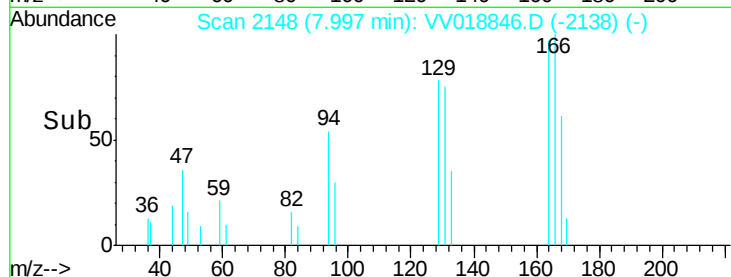
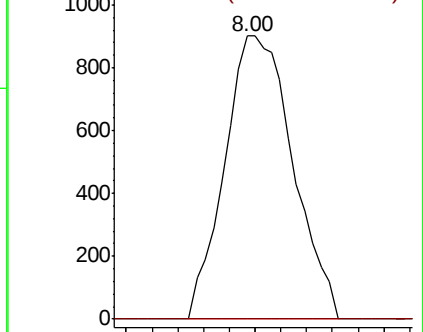
129 100

127 0.0 55.3 102.7#



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: 5.257 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018846.D

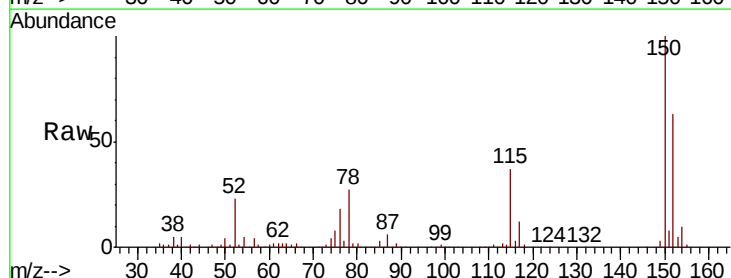
Acq: 10 Oct 2020 20:33

Tgt Ion: 75 Resp: 15979

Ion Ratio Lower Upper

75 100

77 38.6 25.9 38.9



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

