

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100920\
 Data File : VV018820.D
 Acq On : 09 Oct 2020 15:36
 Operator : SY/MD
 Sample : L4284-10ME
 Misc : 5.38g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3W2ME

Quant Time: Oct 09 23:54:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 09 23:43:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	355776	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.88	117	345870	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	157803	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	110901	34.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	68.62%
7) Chloroethane-d5	1.58	69	87466	33.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	67.22%#
11) 1,1-Dichloroethene-d2	2.10	63	178088	28.57	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.14%#
21) 2-Butanone-d5	3.92	46	140889	70.98	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	70.98%
24) Chloroform-d	4.37	84	220805	38.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.42%
26) 1,2-Dichloroethane-d4	5.05	65	159148	41.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.32%
32) Benzene-d6	5.07	84	434149	39.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.00%
36) 1,2-Dichloropropane-d6	6.09	67	150369	41.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	82.86%
41) Toluene-d8	7.34	98	397244	40.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.40%
43) trans-1,3-Dichloropropene-	7.64	79	71757	40.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.90%
47) 2-Hexanone-d5	8.14	63	96320	75.72	ug/L	0.03
Spiked Amount	100.000	Range	45 - 130	Recovery	=	75.72%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	148044	35.46	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	70.92%
64) 1,2-Dichlorobenzene-d4	11.65	152	158751	45.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.90%

Target Compounds

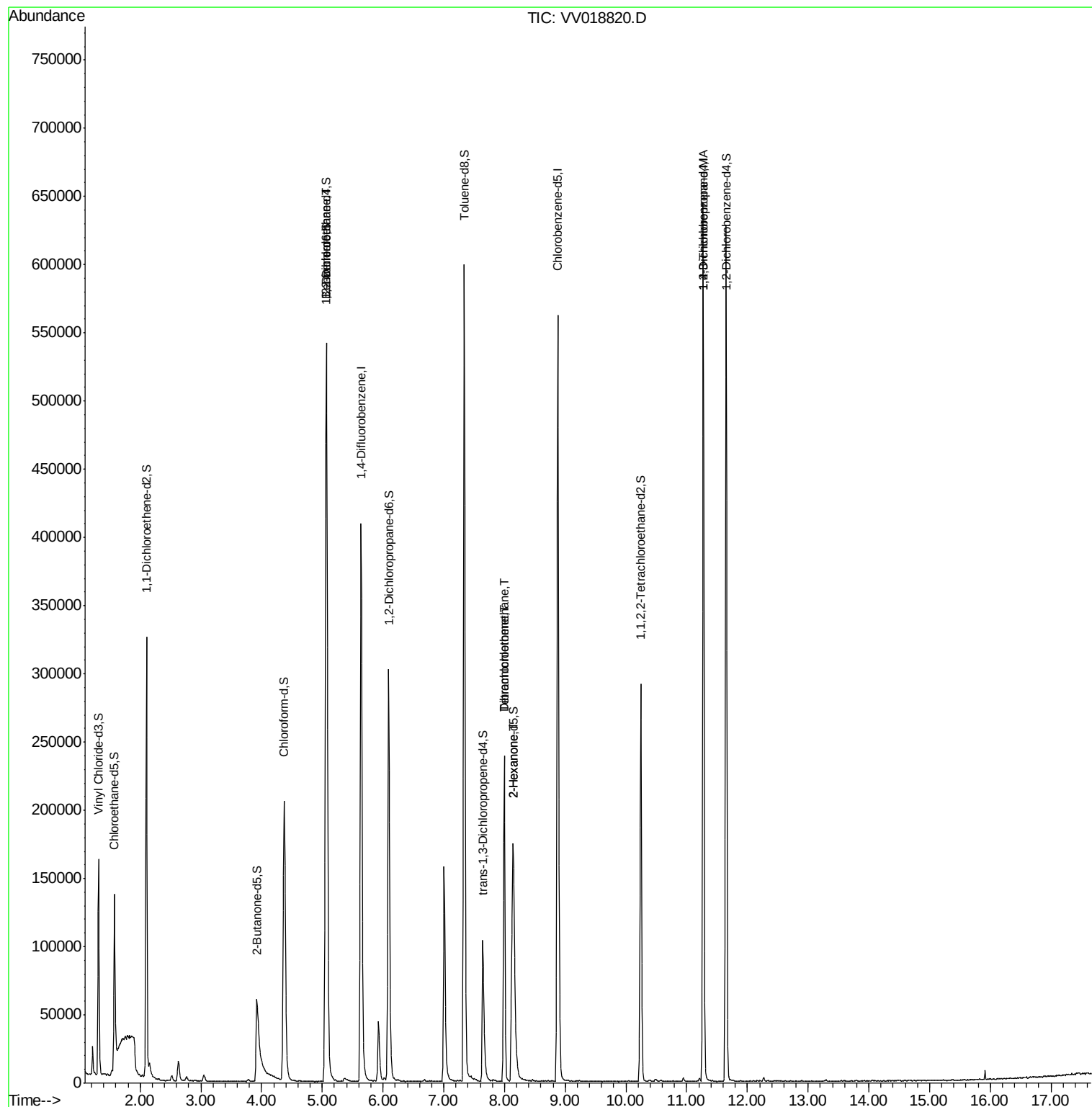
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
27) 1,2-Dichloroethane	5.07	62	3004	0.705	ug/L	98
46) Tetrachloroethene	8.00	164	53960	23.314	ug/L	98
48) 2-Hexanone	8.14	43	11517	3.725	ug/L #	65
49) Dibromochloromethane	8.00	129	47283	15.980	ug/L #	10
59) 1,2,3-Trichloropropane	11.27	75	19197	5.353	ug/L	91

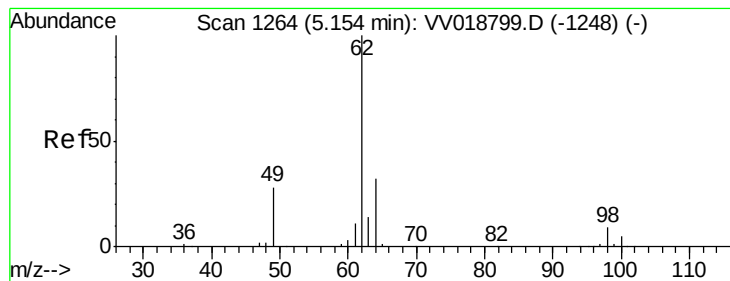
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Oct 09 23:43:53 2020
Response via : Initial Calibration





#27

1,2-Dichloroethane

Concen: 0.705 ug/L

RT: 5.07 min Scan# 1239

Delta R.T. -0.08 min

Lab File: VV018820.D

Acq: 09 Oct 2020 15:36

Instrument :

MSVOA_V

ClientSampleId :

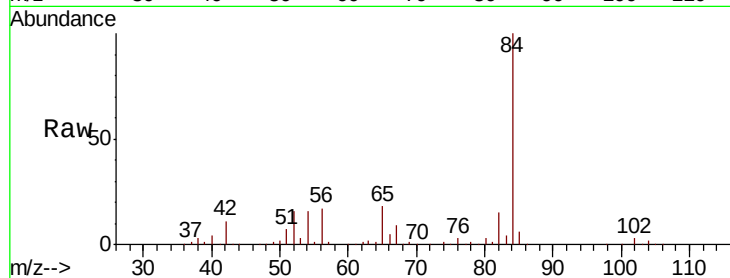
BG3W2ME

Tot Ion: 62 Resp: 3004

Ion Ratio Lower Upper

62 100

98 7.5 6.6 10.0



Abundance Ion 62.00 (61.70 to 62.70): VV018820.D (-1171) (-)

Ion 98.00 (97.70 to 98.70): VV018820.D (-1171) (-)

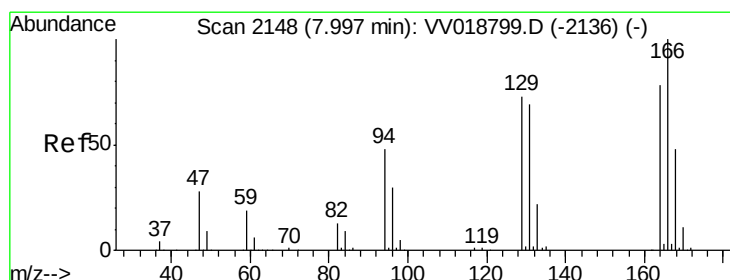
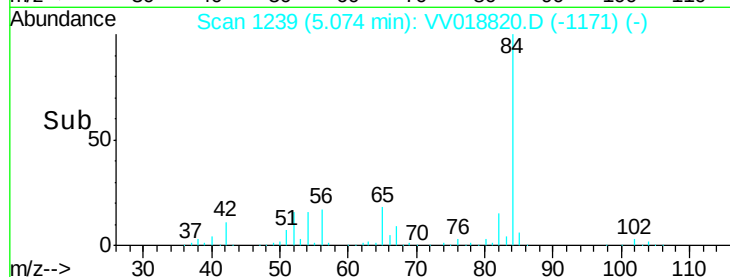
5.07

1000

500

0

Time--> 5.00 5.05 5.10



#46

Tetrachloroethene

Concen: 23.314 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV018820.D

Acq: 09 Oct 2020 15:36

Tgt Ion: 164 Resp: 53960

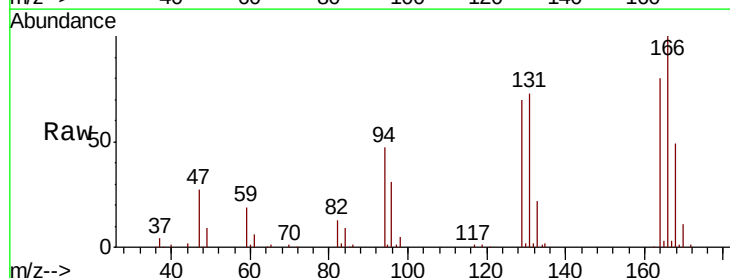
Ion Ratio Lower Upper

164 100

129 87.4 64.6 120.0

131 90.8 63.6 118.0

166 124.9 88.3 164.1



Abundance Ion 164.00 (163.70 to 164.70): VV018820.D (-2055) (-)

Ion 129.00 (128.70 to 129.70): VV018820.D (-2055) (-)

Ion 131.00 (130.70 to 131.70): VV018820.D (-2055) (-)

Ion 166.00 (165.70 to 166.70): VV018820.D (-2055) (-)

60000

50000

40000

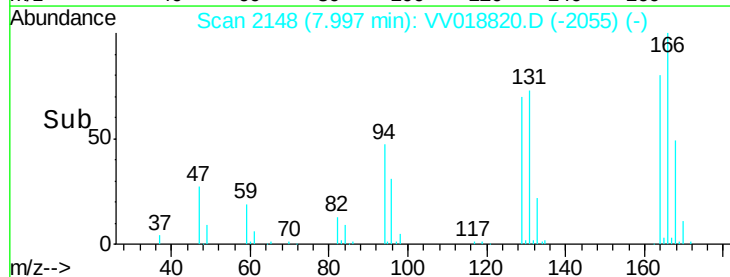
30000

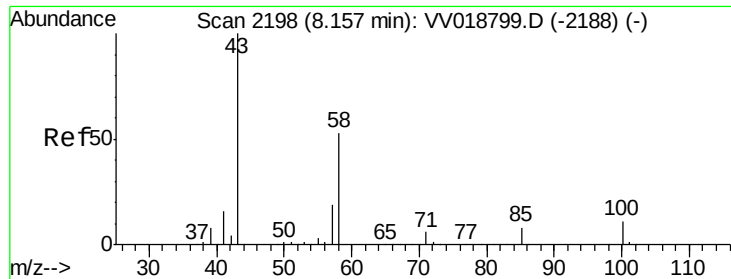
20000

10000

0

Time--> 7.95 8.00 8.05

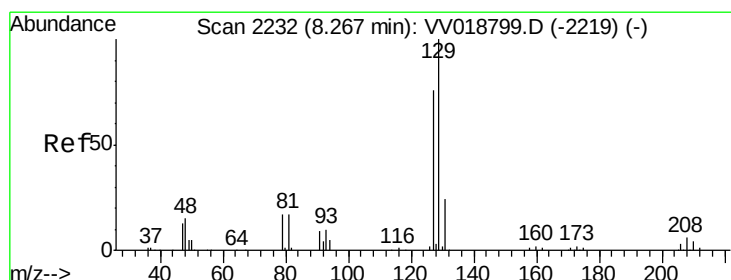
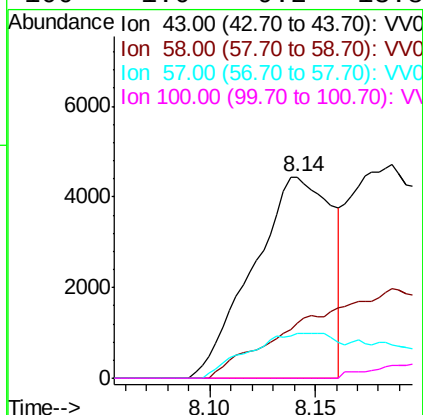
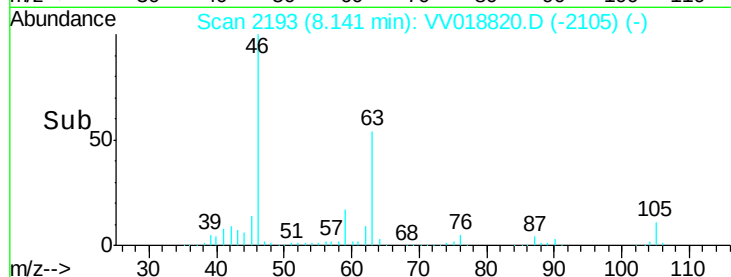
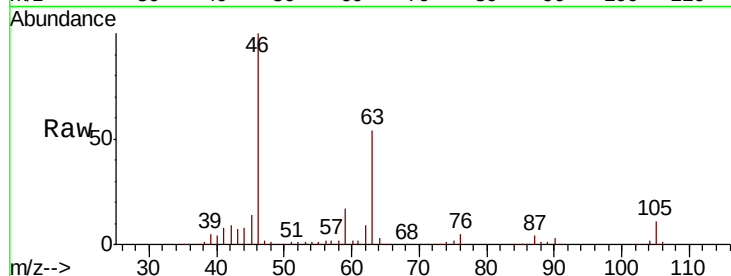




#48
2-Hexanone
Concen: 3.725 ug/L
RT: 8.14 min Scan# 2193
Delta R.T. -0.02 min
Lab File: VV018820.D
Acq: 09 Oct 2020 15:36

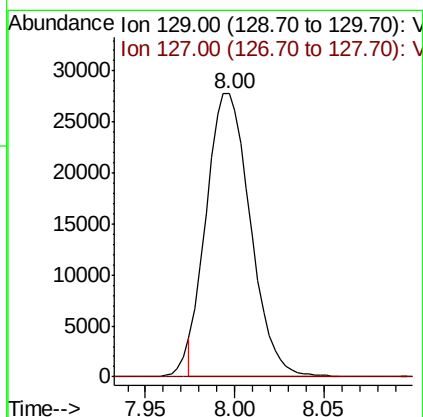
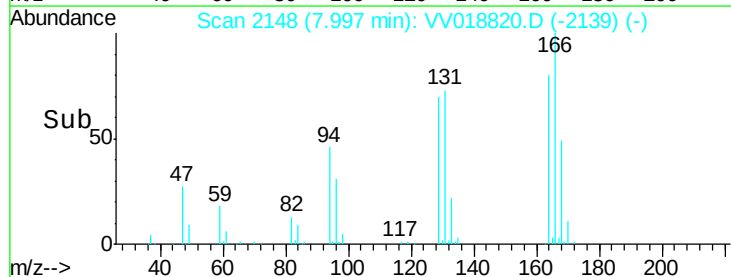
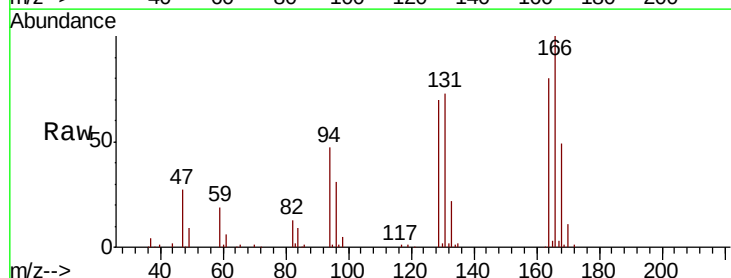
Instrument :
MSVOA_V
ClientSampleId :
BG3W2ME

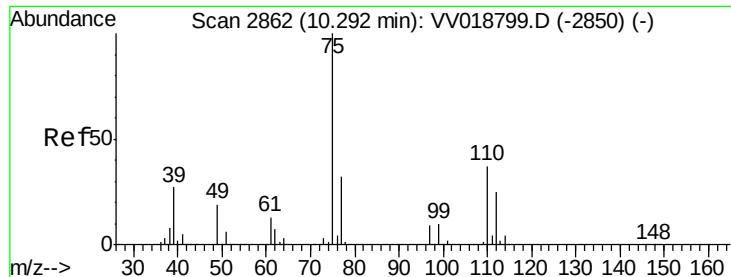
Tot Ion: 43 Resp: 11517
Ion Ratio Lower Upper
43 100
58 21.4 41.8 62.8#
57 11.4 14.9 22.3#
100 1.0 9.2 13.8#



#49
Dibromochloromethane
Concen: 15.980 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. -0.27 min
Lab File: VV018820.D
Acq: 09 Oct 2020 15:36

Tgt Ion: 129 Resp: 47283
Ion Ratio Lower Upper
129 100
127 0.0 55.3 102.7#





#59

1,2,3-Trichloropropane

Concen: 5.353 ug/L

RT: 11.27 min Scan# 3167

Delta R.T. 0.98 min

Lab File: VV018820.D

Acq: 09 Oct 2020 15:36

Instrument :

MSVOA_V

ClientSampleId :

BG3W2ME

Tot Ion: 75 Resp: 19197

Ion Ratio Lower Upper

75 100

77 37.2 25.9 38.9

