

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100820\
 Data File : VV018759.D
 Acq On : 08 Oct 2020 12:11
 Operator : SY/MD
 Sample : VV1008WBL01
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK71

Quant Time: Oct 09 07:17:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 09 07:09:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	362759	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	356806	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	164490	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	107224	50.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.80%
7) Chloroethane-d5	1.58	69	93080	52.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.82%
11) 1,1-Dichloroethene-d2	2.21	63	169	0.04	ug/L	0.09
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.08%#
21) 2-Butanone-d5	3.91	46	163556	103.06	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.06%
24) Chloroform-d	4.38	84	222464	48.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.72%
26) 1,2-Dichloroethane-d4	5.06	65	154951	53.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.12%
32) Benzene-d6	5.07	84	440867	48.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.56%
36) 1,2-Dichloropropane-d6	6.09	67	149563	54.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	109.54%
41) Toluene-d8	7.34	98	379994	44.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.38%
43) trans-1,3-Dichloropropene-	7.64	79	65384	44.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.64%
47) 2-Hexanone-d5	8.11	63	78540	75.72	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	75.72%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	144977	40.04	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	80.08%
64) 1,2-Dichlorobenzene-d4	11.65	152	152909	48.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.68%

Target Compounds

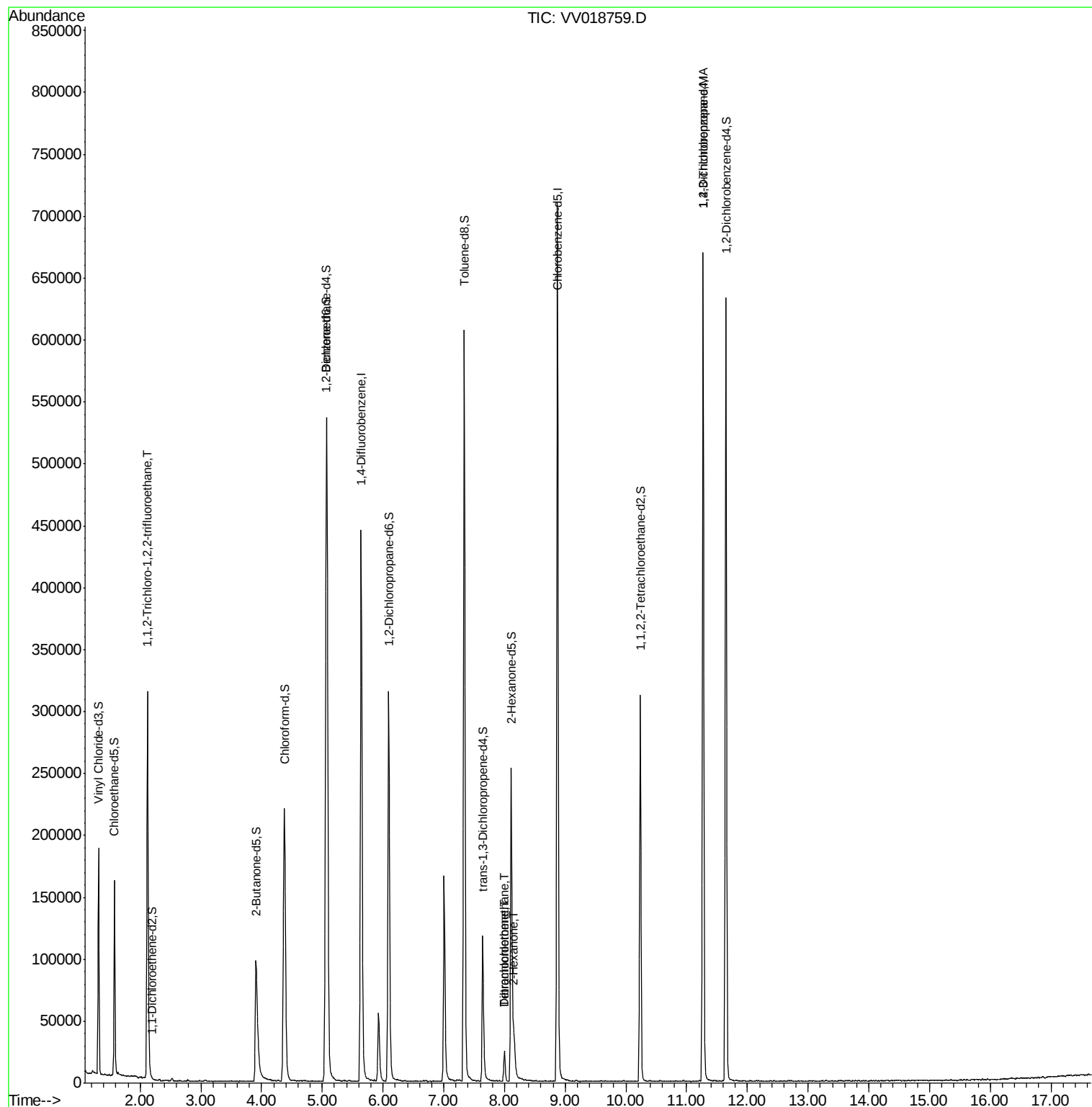
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1711	0.725 ug/L #	20
46) Tetrachloroethene	8.00	164	5268	2.134 ug/L	87
48) 2-Hexanone	8.16	43	20342	7.513 ug/L #	75
49) Dibromochloromethane	8.00	129	5188	1.704 ug/L #	11
59) 1,2,3-Trichloropropane	11.27	75	21038	6.431 ug/L	92

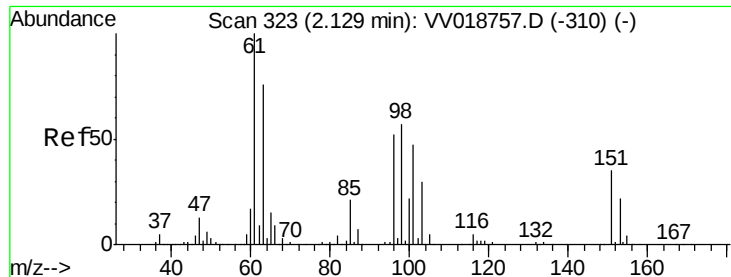
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.725 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018759.D

Acq: 08 Oct 2020 12:11

Instrument :

MSVOA_V

ClientSampleId :

VBLK71

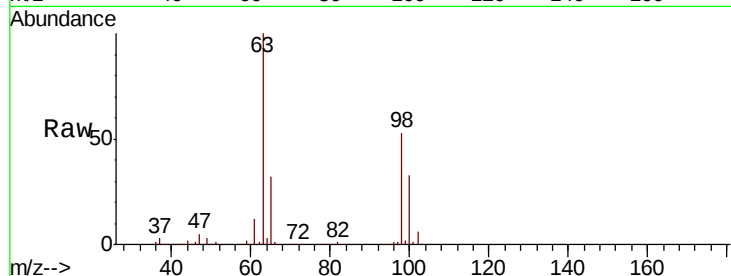
Tot Ion:101 Resp: 1711

Ion Ratio Lower Upper

101 100

85 0.0 34.6 52.0#

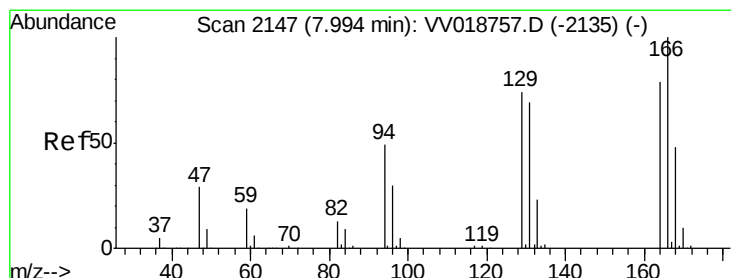
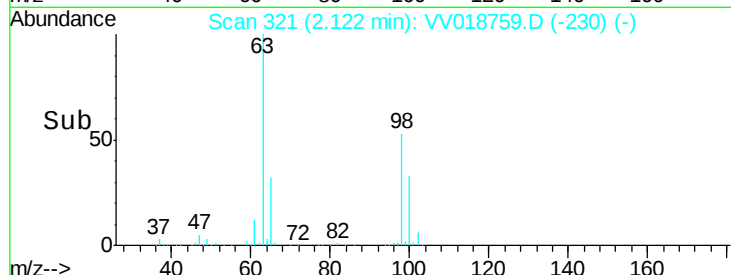
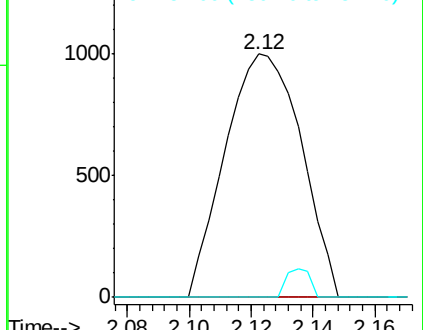
151 3.6 64.3 96.5#



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



#46

Tetrachloroethene

Concen: 2.134 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.01 min

Lab File: VV018759.D

Acq: 08 Oct 2020 12:11

Tgt Ion:164 Resp: 5268

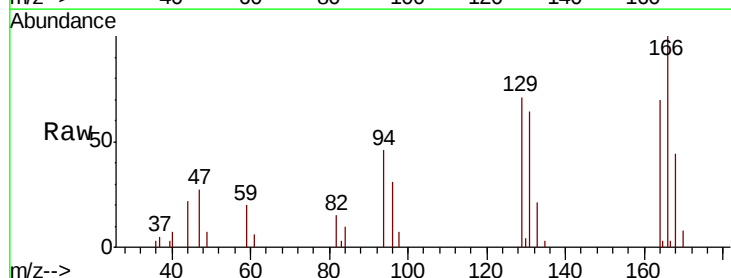
Ion Ratio Lower Upper

164 100

129 101.3 62.8 116.6

131 91.5 60.8 112.8

166 147.5 88.9 165.1

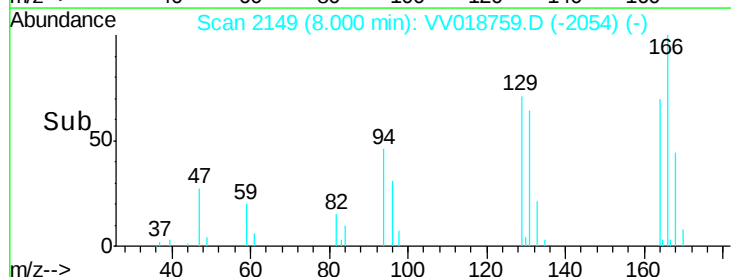
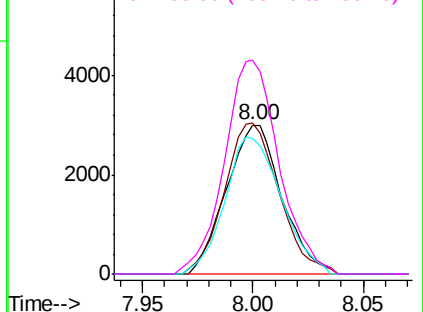


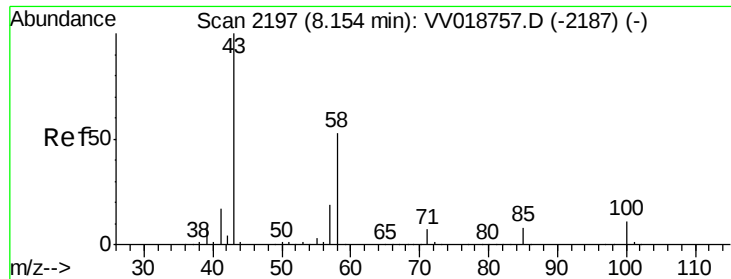
Abundance Ion 164.00 (163.70 to 164.70): V

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

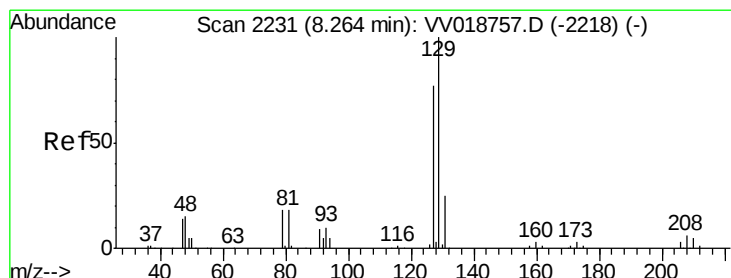
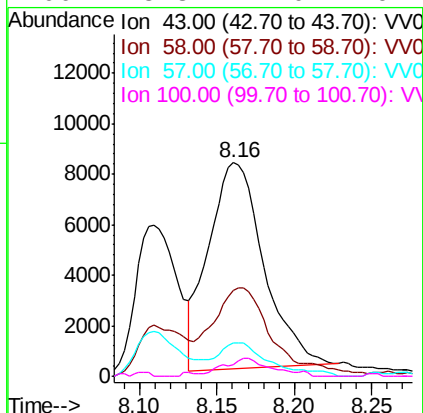
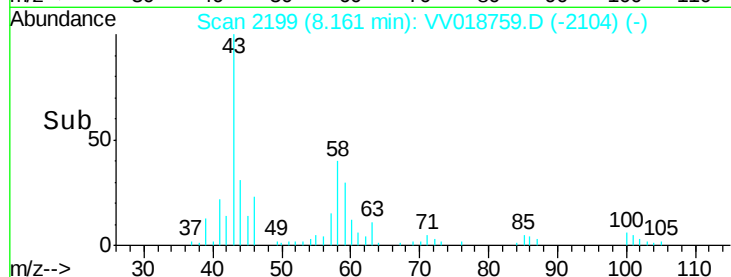
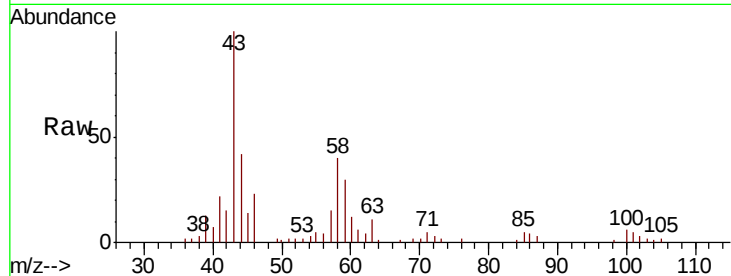




#48
2-Hexanone
Concen: 7.513 ug/L
RT: 8.16 min Scan# 2199
Delta R.T. 0.01 min
Lab File: VV018759.D
Acq: 08 Oct 2020 12:11

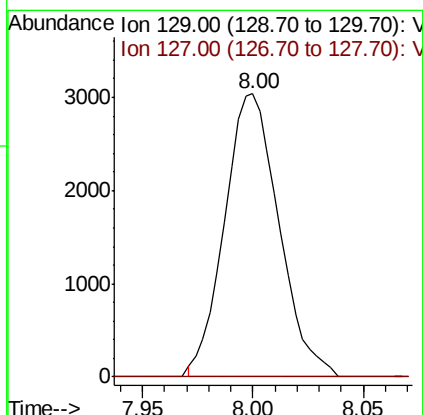
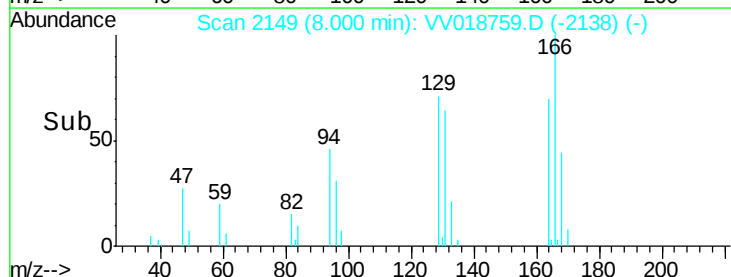
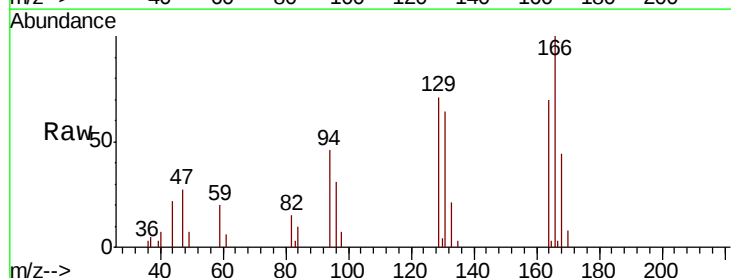
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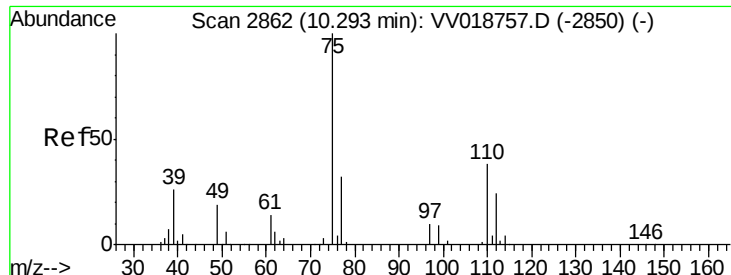
Tot Ion: 43 Resp: 20342
Ion Ratio Lower Upper
43 100
58 35.3 45.1 67.7#
57 11.4 15.7 23.5#
100 5.3 11.0 16.4#



#49
Dibromochloromethane
Concen: 1.704 ug/L
RT: 8.00 min Scan# 2149
Delta R.T. -0.26 min
Lab File: VV018759.D
Acq: 08 Oct 2020 12:11

Tgt Ion: 129 Resp: 5188
Ion Ratio Lower Upper
129 100
127 0.0 54.1 100.5#





#59

1,2,3-Trichloropropane

Concen: 6.431 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018759.D

Acq: 08 Oct 2020 12:11

Instrument :

MSVOA_V

ClientSampleId :

VBLK71

Tot Ion: 75 Resp: 21038

Ion Ratio Lower Upper

75 100

77 36.4 25.4 38.0

