

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102020\
 Data File : VV019028.D
 Acq On : 20 Oct 2020 22:42
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 21 08:04:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 21 07:57:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	304281	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	299282	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	136230	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	121276	48.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.84%
7) Chloroethane-d5	1.58	69	103364	52.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.18%
11) 1,1-Dichloroethene-d2	2.12	63	186644	39.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.94%
21) 2-Butanone-d5	3.92	46	174401	99.89	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.89%
24) Chloroform-d	4.37	84	217399	48.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.62%
26) 1,2-Dichloroethane-d4	5.06	65	151000	50.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.10%
32) Benzene-d6	5.07	84	432669	49.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.04%
36) 1,2-Dichloropropane-d6	6.09	67	142541	51.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.06%
41) Toluene-d8	7.34	98	378952	48.35	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.70%
43) trans-1,3-Dichloropropene-	7.64	79	63478	46.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.98%
47) 2-Hexanone-d5	8.11	63	90949	87.64	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.64%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	139308	42.55	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.10%
64) 1,2-Dichlorobenzene-d4	11.65	152	139767	50.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.86%

Target Compounds

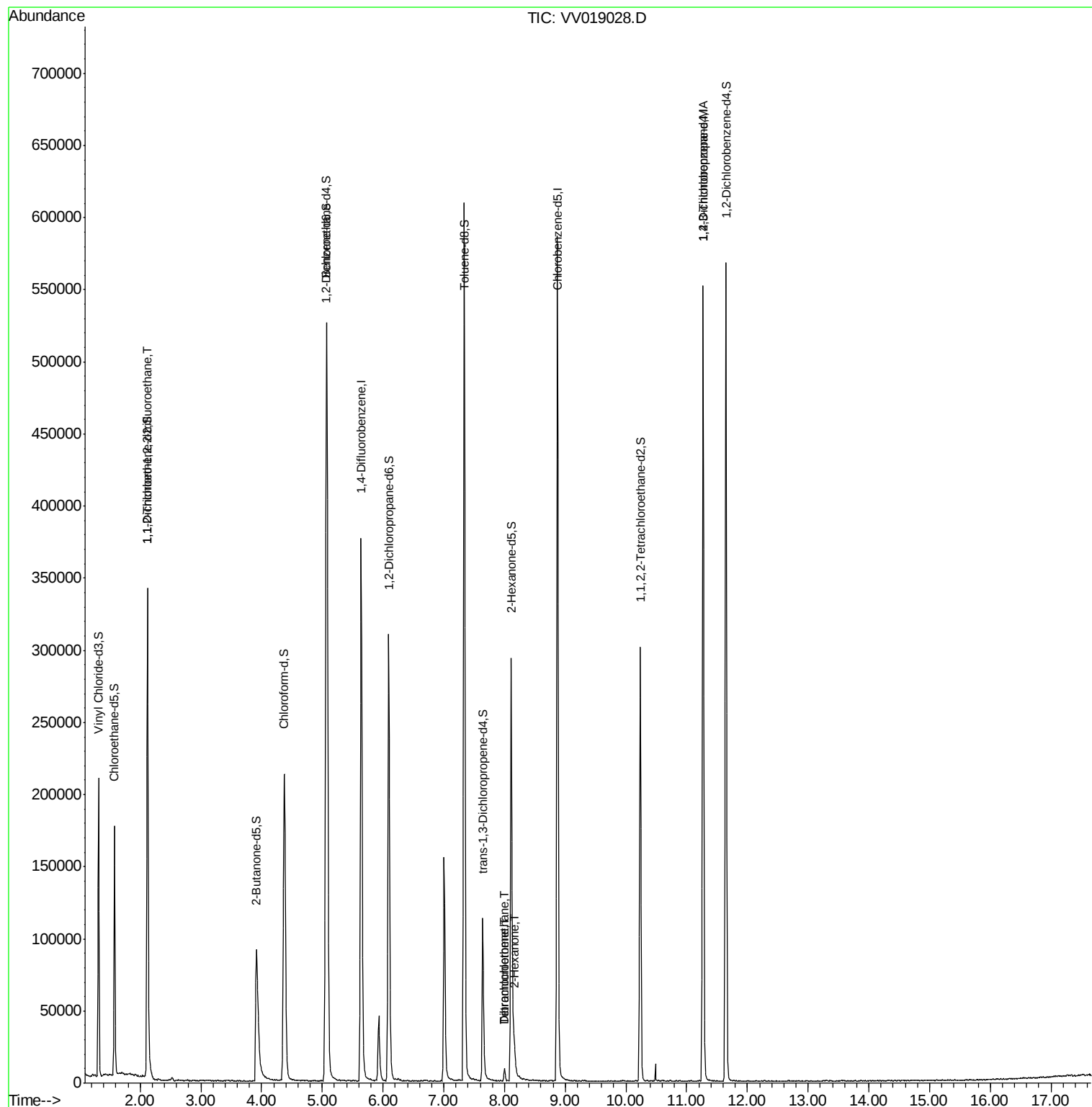
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1624	0.823 ug/L #	22
46) Tetrachloroethene	8.00	164	2008	1.077 ug/L	93
48) 2-Hexanone	8.16	43	13262	4.939 ug/L #	84
49) Dibromochloromethane	8.00	129	1706	0.705 ug/L #	10
59) 1,2,3-Trichloropropane	11.27	75	16137	5.428 ug/L #	87

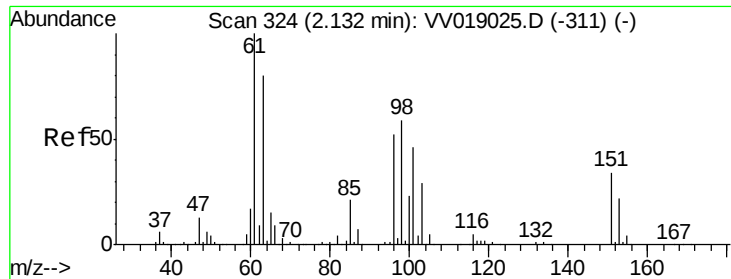
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.823 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV019028.D

Acq: 20 Oct 2020 22:42

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MSVOA_V

ClientSampleId :

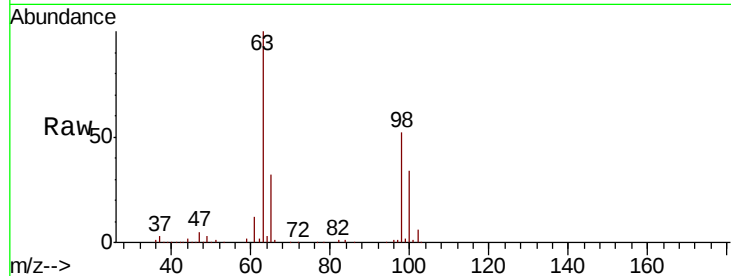
Tot Ion:101 Resp: 1624

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

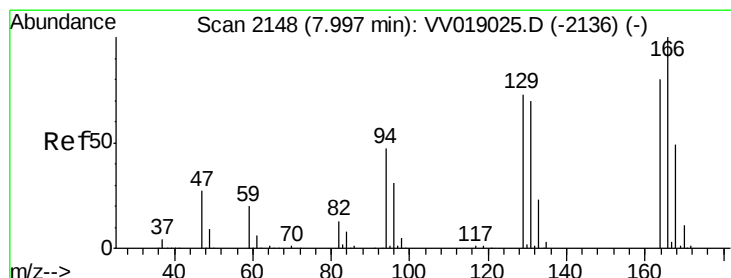
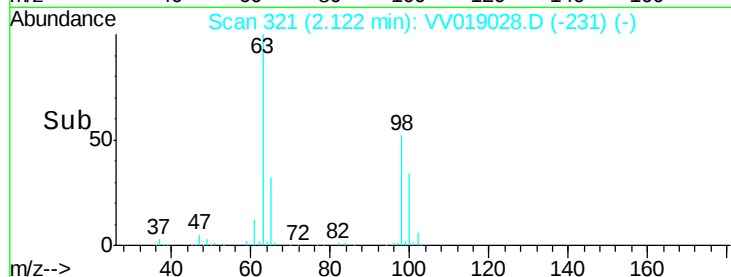
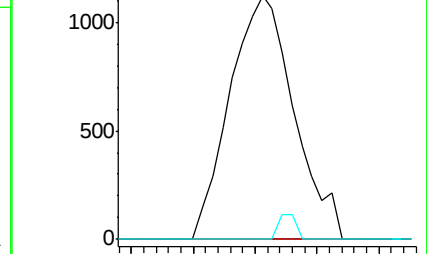
151 2.8 59.7 89.5#



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: 1.077 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.00 min

Lab File: VV019028.D

Acq: 20 Oct 2020 22:42

Tgt Ion:164 Resp: 2008

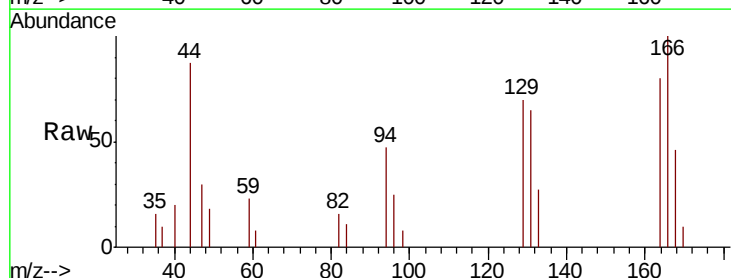
Ion Ratio Lower Upper

164 100

129 86.8 65.0 120.8

131 80.4 62.9 116.7

166 124.6 91.1 169.3

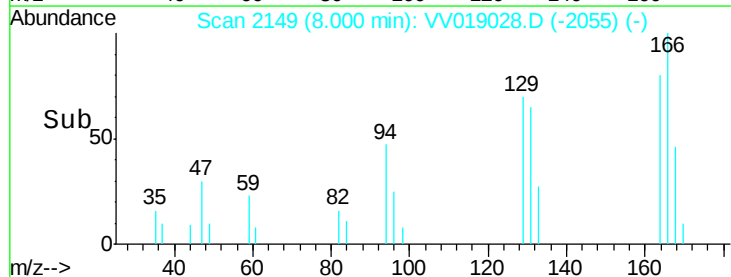
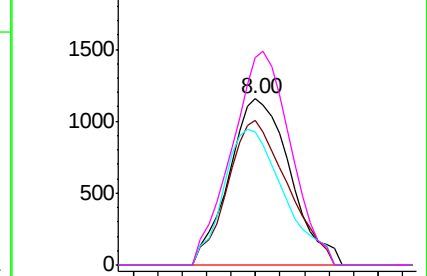


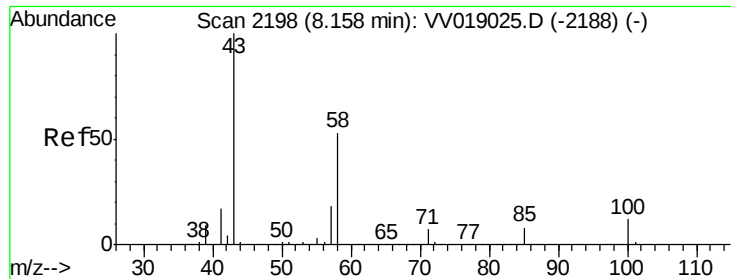
Abundance Ion 164.00 (163.70 to 164.70): V

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

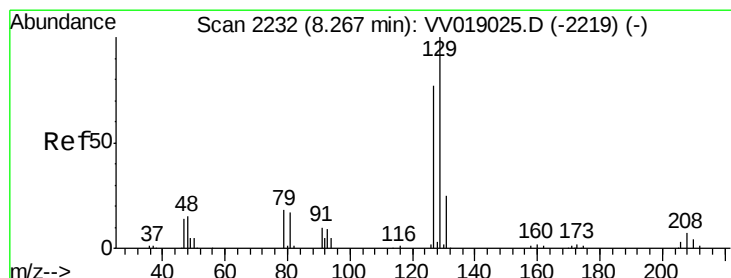
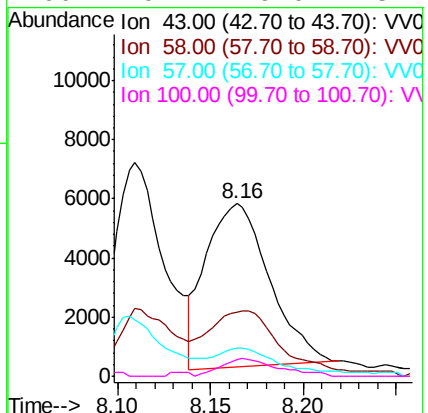
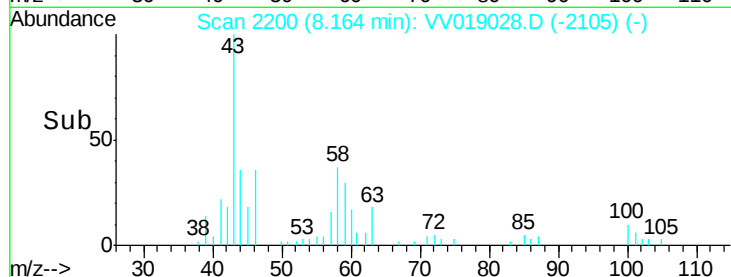
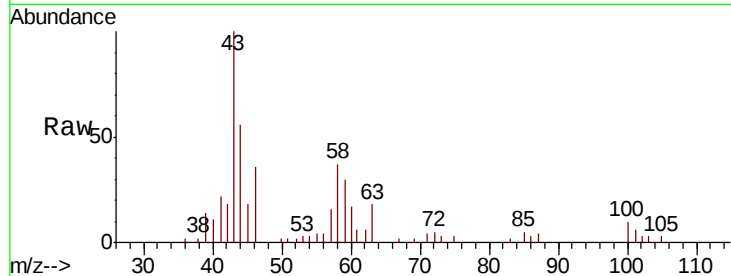




#48
2-Hexanone
Concen: 4.939 ug/L
RT: 8.16 min Scan# 2200
Delta R.T. 0.01 min
Lab File: VV019028.D
Acq: 20 Oct 2020 22:42

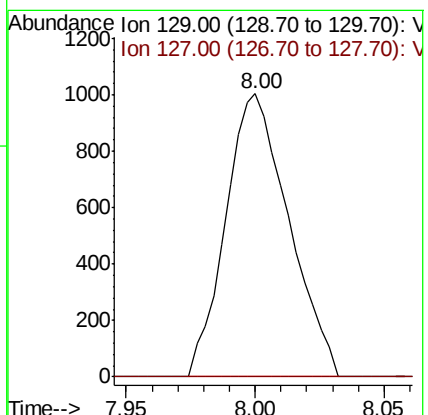
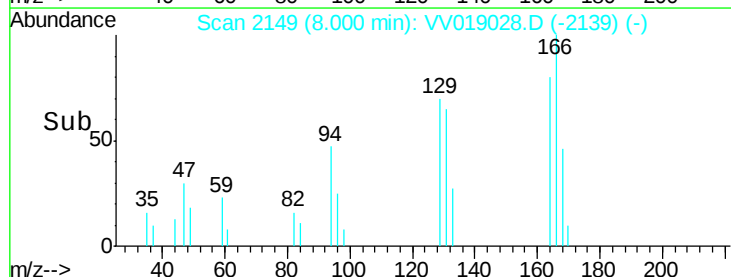
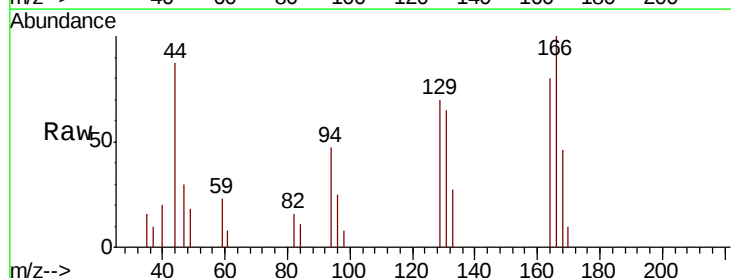
Instrument :
MSVOA_V
ClientSampled :

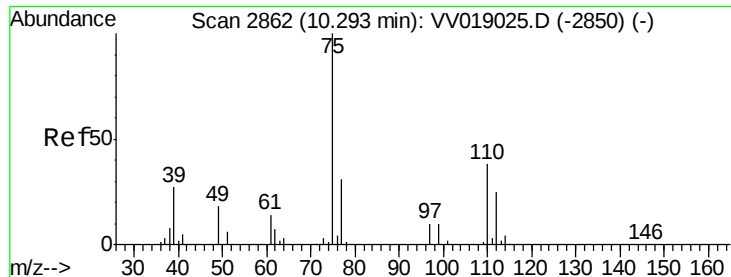
Tot Ion: 43 Resp: 13262
Ion Ratio Lower Upper
43 100
58 38.7 42.5 63.7#
57 12.8 14.5 21.7#
100 9.1 9.0 13.4



#49
Dibromochloromethane
Concen: 0.705 ug/L
RT: 8.00 min Scan# 2149
Delta R.T. -0.27 min
Lab File: VV019028.D
Acq: 20 Oct 2020 22:42

Tgt Ion: 129 Resp: 1706
Ion Ratio Lower Upper
129 100
127 0.0 55.2 102.6#





#59

1,2,3-Trichloropropane

Concen: 5.428 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV019028.D

Acq: 20 Oct 2020 22:42

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 75 Resp: 16137

Ion Ratio Lower Upper

75 100

77 38.9 25.4 38.2#

