

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121420\
 Data File : VV019600.D
 Acq On : 14 Dec 2020 13:28
 Operator : SY/MD
 Sample : L4928-05DL 500X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4M2DL

Quant Time: Dec 15 07:22:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 15 07:21:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	639531	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	588367	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	273898	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	228202	49.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.52%
7) Chloroethane-d5	1.57	69	191129	52.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.68%
11) 1,1-Dichloroethene-d2	2.11	63	337297	39.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.26%
21) 2-Butanone-d5	3.89	46	275677	110.60	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.60%
24) Chloroform-d	4.35	84	419463	50.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.50%
26) 1,2-Dichloroethane-d4	5.04	65	289831	53.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.32%
32) Benzene-d6	5.05	84	842017	53.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.32%
36) 1,2-Dichloropropane-d6	6.07	67	262851	53.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.94%
41) Toluene-d8	7.32	98	746415	52.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.66%
43) trans-1,3-Dichloropropene-	7.62	79	134013	47.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.86%
47) 2-Hexanone-d5	8.09	63	204928	106.22	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.22%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	342572	51.52	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.04%
64) 1,2-Dichlorobenzene-d4	11.63	152	274858	53.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.36%

Target Compounds

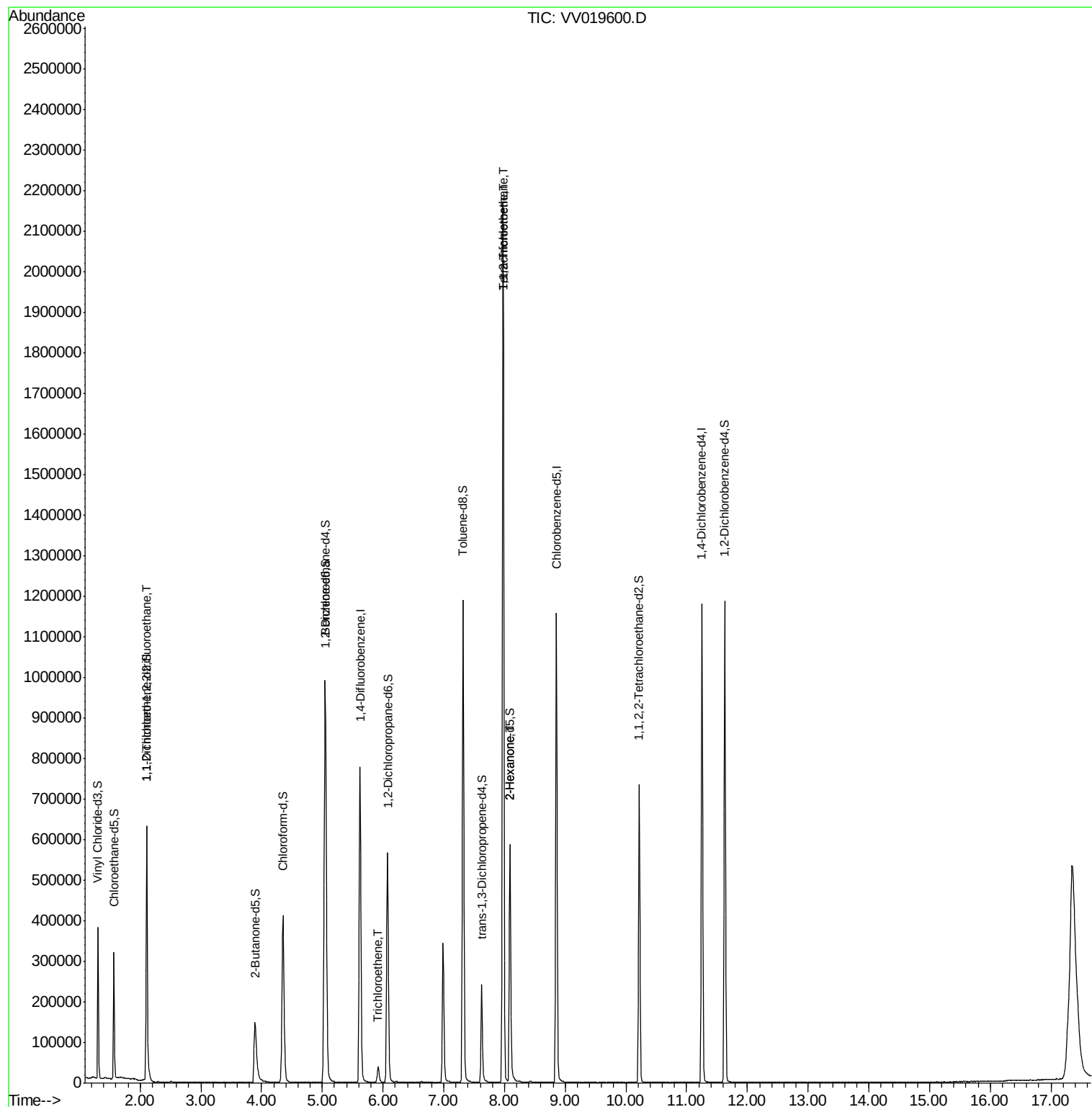
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	2899	0.781 ug/L #	23
34) Trichloroethene	5.92	95	12098	2.663 ug/L	95
45) 1,1,2-Trichloroethane	7.98	97	4600	1.079 ug/L #	1
46) Tetrachloroethene	7.98	164	438710	139.578 ug/L	98
48) 2-Hexanone	8.09	43	24710	5.027 ug/L #	68

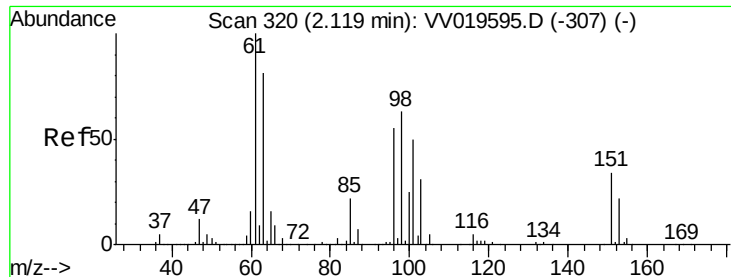
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Dec 15 07:21:43 2020
Response via : Initial Calibration





#10

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

Concen: 0.781 ug/L

RT: 2.11 min Scan# 317

Delta R.T. -0.01 min

Lab File: VV019600.D

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Instrument :

MSVOA_V

ClientSampleId :

BG4M2DL

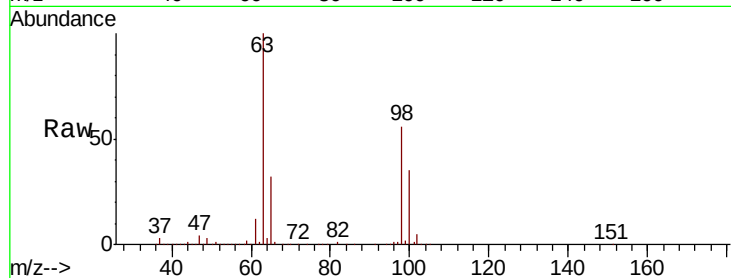
Tot Ion:101 Resp: 2899

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

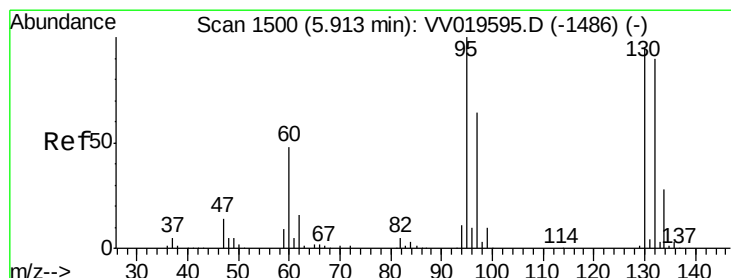
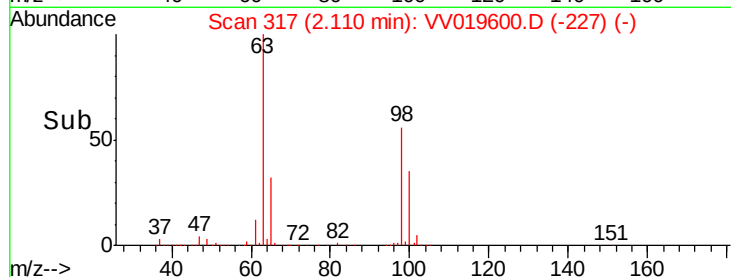
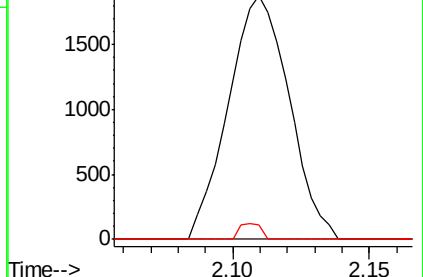
151 2.2 55.8 83.8#



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



#34

Trichloroethene

Concen: 2.663 ug/L

RT: 5.92 min Scan# 1503

Delta R.T. 0.01 min

Lab File: VV019600.D

Acq: 14 Dec 2020 13:28

Tgt Ion: 95 Resp: 12098

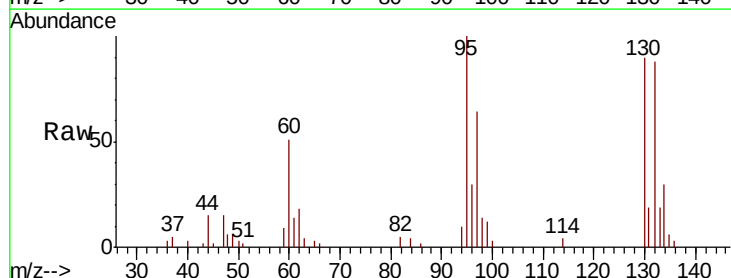
Ion Ratio Lower Upper

95 100

97 63.9 44.4 82.4

132 87.5 64.3 119.3

130 89.6 67.8 125.8

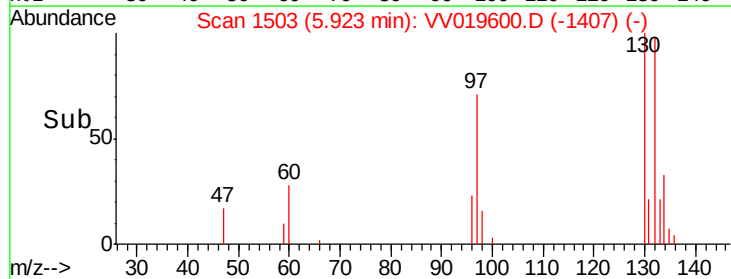
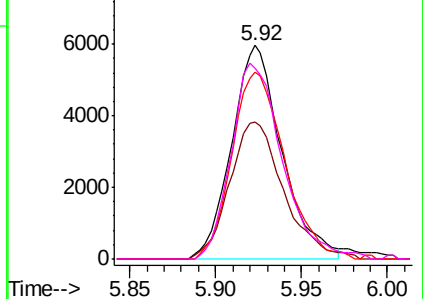


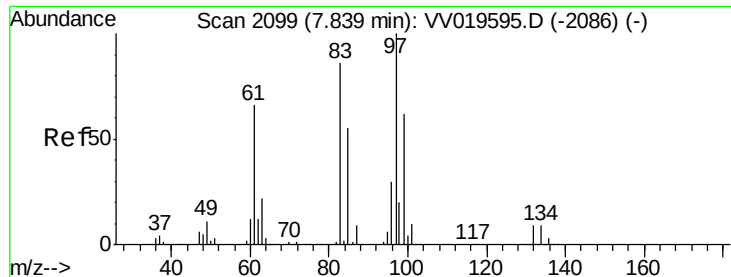
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

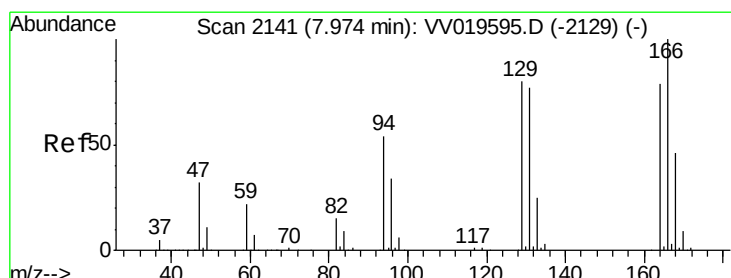
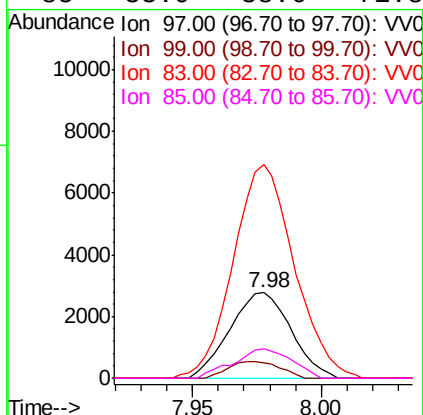
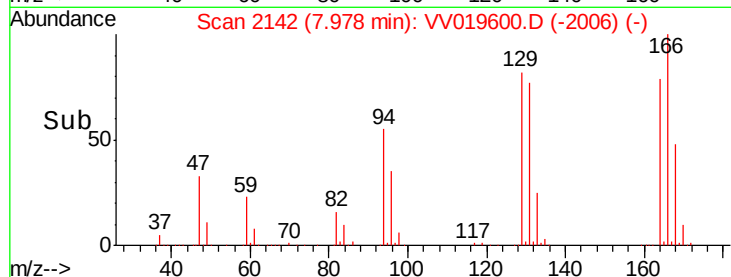
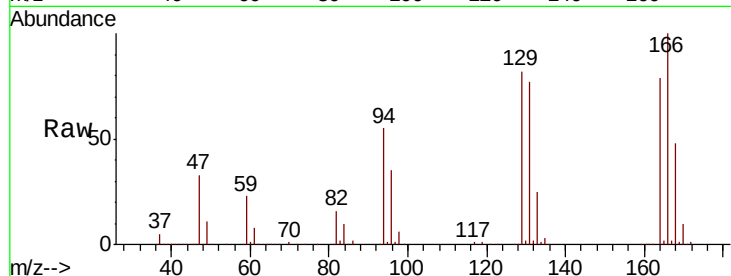




#45
1,1,2-Trichloroethane
Concen: 1.079 ug/L
RT: 7.98 min Scan# 2142
Delta R.T. 0.14 min
Lab File: VV019600.D
Acq: 14 Dec 2020 13:28

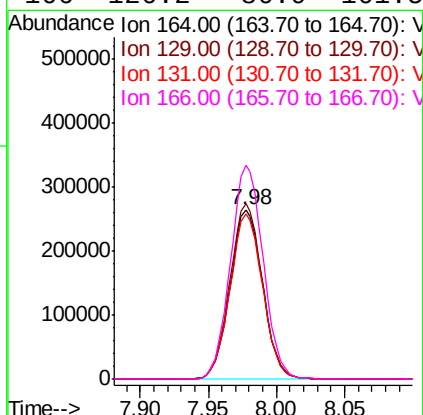
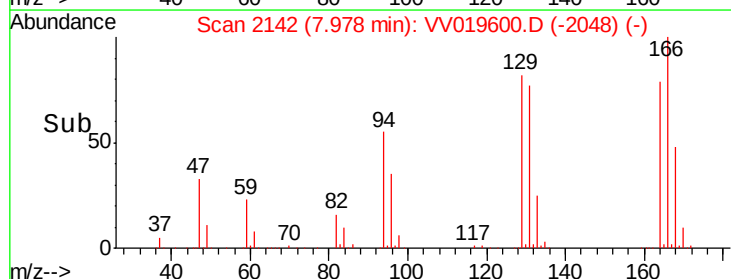
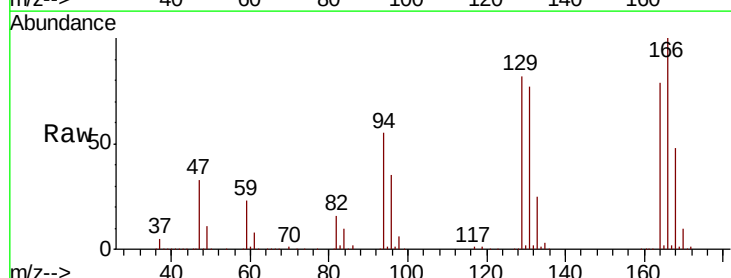
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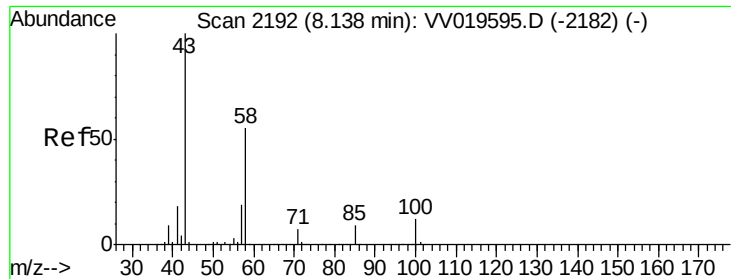
Tot Ion: 97 Resp: 4600
Ion Ratio Lower Upper
97 100
99 18.5 44.1 81.9#
83 250.5 60.0 111.4#
85 33.9 38.6 71.8#



#46
Tetrachloroethene
Concen: 139.578 ug/L
RT: 7.98 min Scan# 2142
Delta R.T. 0.00 min
Lab File: VV019600.D
Acq: 14 Dec 2020 13:28

Tgt Ion: 164 Resp: 438710
Ion Ratio Lower Upper
164 100
129 103.4 70.6 131.0
131 97.5 68.0 126.4
166 126.2 86.9 161.5





#48
 2-Hexanone
 Concen: 5.027 ug/L
 RT: 8.09 min Scan# 2177
 Delta R.T. -0.05 min
 Lab File: VV019600.D
 Acq: 14 Dec 2020 13:28

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4M2DL

Tot Ion	Ratio	Lower	Upper
43	100		
58	24.4	44.4	66.6#
57	21.1	15.7	23.5
100	0.3	9.9	14.9#

