

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV122320\
 Data File : VV019820.D
 Acq On : 23 Dec 2020 18:34
 Operator : SY/MD
 Sample : L5173-18 100X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4T1

Manual Integrations
 APPROVED

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 12/26/2020 1:35:19 PM

Quant Time: Dec 24 00:10:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 23 22:04:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	682477	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	639199	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.26	152	305367	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	226017	46.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.36%
7) Chloroethane-d5	1.57	69	190550	49.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.74%
11) 1,1-Dichloroethene-d2	2.11	63	331899m	36.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.08%
21) 2-Butanone-d5	3.89	46	359830	135.27	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	135.27%#
24) Chloroform-d	4.35	84	427676	48.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.98%
26) 1,2-Dichloroethane-d4	5.04	65	302950	52.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.12%
32) Benzene-d6	5.05	84	850165	49.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.74%
36) 1,2-Dichloropropane-d6	6.07	67	278598	52.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.34%
41) Toluene-d8	7.32	98	727899	47.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.84%
43) trans-1,3-Dichloropropene-	7.63	79	123167	40.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.10%
47) 2-Hexanone-d5	8.09	63	216862	103.47	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.47%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	338872	46.91	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.82%
64) 1,2-Dichlorobenzene-d4	11.63	152	267588	46.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.76%

Target Compounds					Ovalue
34) Trichloroethene	5.92	95	54087	10.960 ug/L	98
46) Tetrachloroethene	7.98	164	767962	224.901 ug/L	99

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

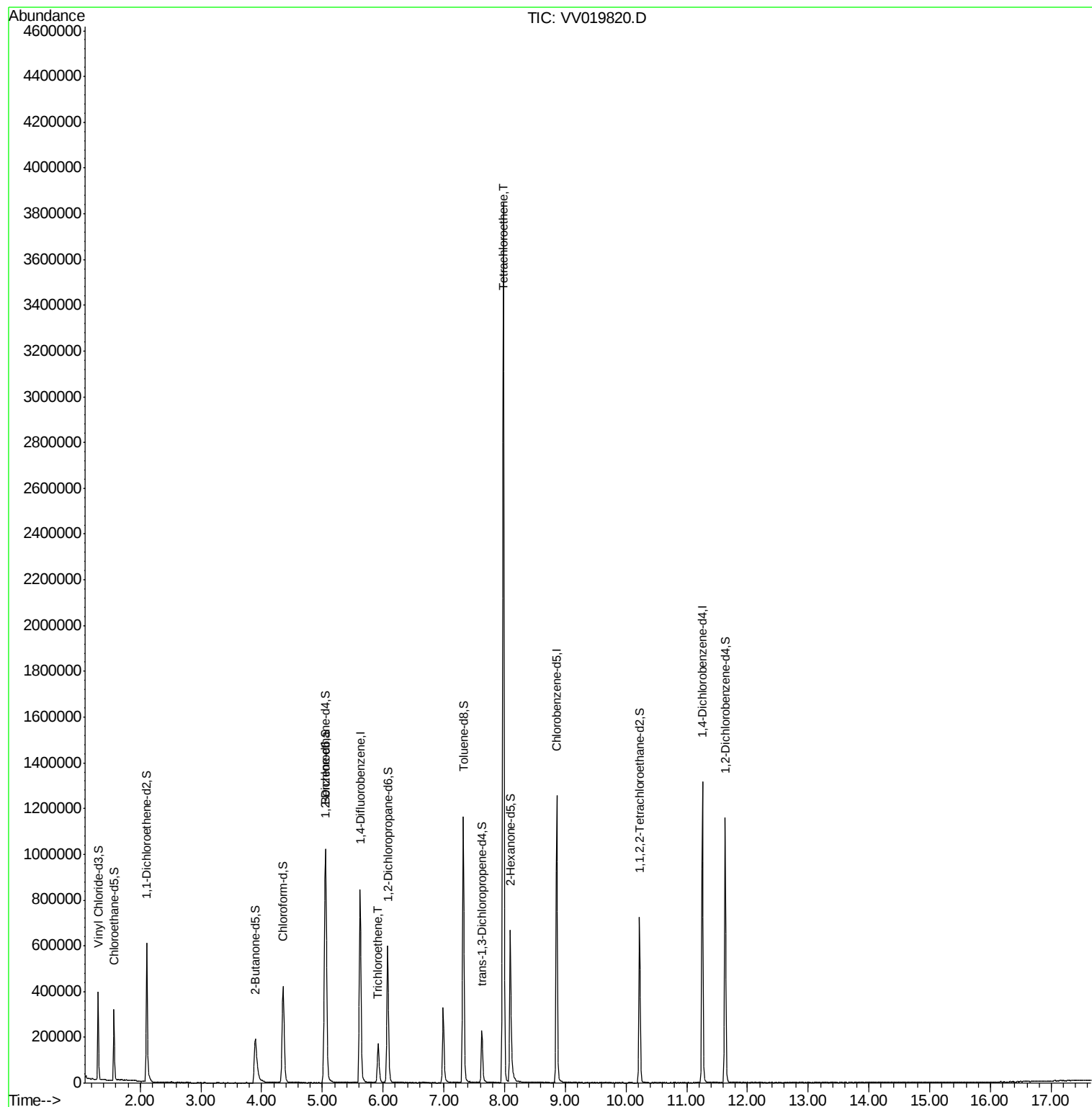
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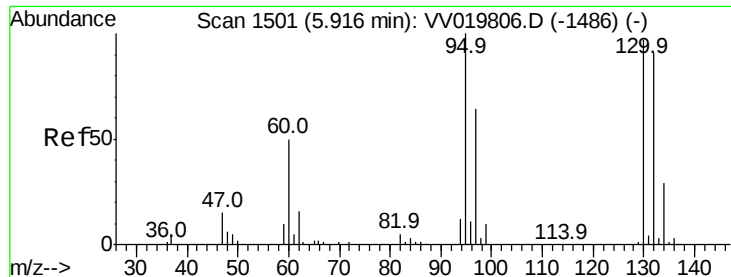
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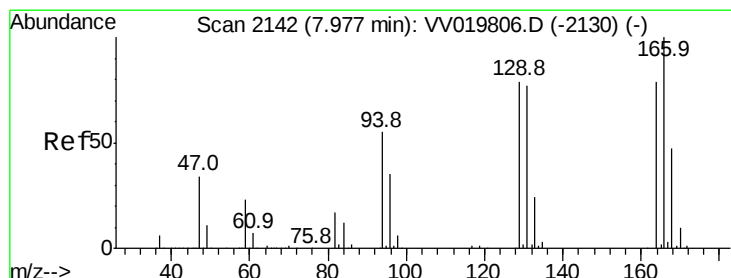
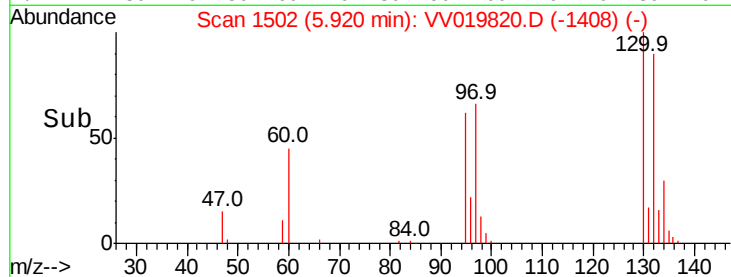
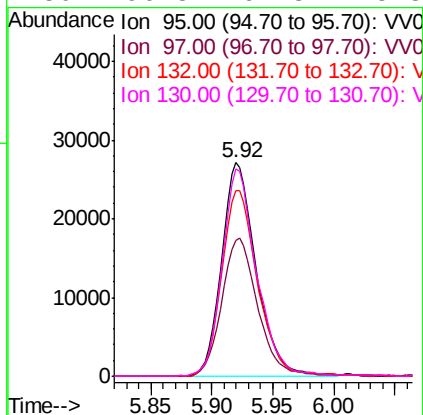
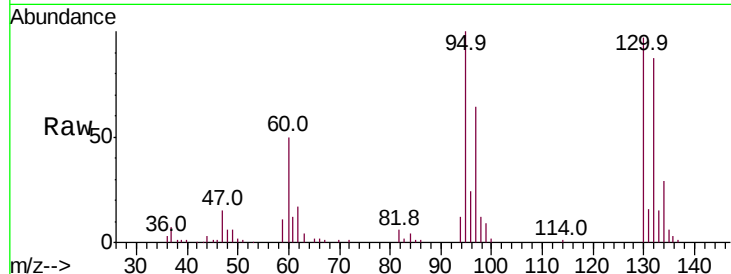
#34
 Trichloroethene
 Concen: 10.960 ug/L
 RT: 5.92 min Scan# 1502
 Delta R.T. 0.00 min
 Lab File: VV019820.D
 Acq: 23 Dec 2020 18:34

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Tot Ion	Ratio	Lower	Upper
95	100		
97	63.7	44.4	82.4
132	87.0	64.3	119.3
130	96.8	67.8	125.8

Manual Integrations
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#46
 Tetrachloroethene
 Concen: 224.901 ug/L
 RT: 7.98 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VV019820.D
 Acq: 23 Dec 2020 18:34

Tgt Ion	Ratio	Lower	Upper
164	100		
129	102.1	70.6	131.0
131	98.6	68.0	126.4
166	125.7	86.9	161.5

