

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV103020\
 Data File : VV019180.D
 Acq On : 30 Oct 2020 13:29
 Operator : SY/MD
 Sample : L4502-20ME 2X
 Misc : 6.07g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG443ME

Manual Integrations
 APPROVED

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 11/2/2020 4:10:06 PM

Quant Time: Oct 31 02:34:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 31 02:55:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	291878	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	287279	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	155628	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	138309	59.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	119.26%
7) Chloroethane-d5	1.58	69	112032	62.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	124.34%
11) 1,1-Dichloroethene-d2	2.11	63	217765	49.35	ug/L	-0.01
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.70%
21) 2-Butanone-d5	3.91	46	183149	128.92	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	128.92%
24) Chloroform-d	4.37	84	278965	64.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	129.30%#
26) 1,2-Dichloroethane-d4	5.05	65	201423	66.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	133.98%#
32) Benzene-d6	5.07	84	534277	65.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	131.12%#
36) 1,2-Dichloropropane-d6	6.09	67	163775	67.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	134.80%#
41) Toluene-d8	7.33	98	507460	64.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	129.64%#
43) trans-1,3-Dichloropropene-	7.64	79	92776	65.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	131.96%#
47) 2-Hexanone-d5	8.11	63	142763	135.67	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	135.67%#
57) 1,1,2,2-Tetrachloroethane-	10.24	84	214216	65.39	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	130.78%#
64) 1,2-Dichlorobenzene-d4	11.65	152	226872	69.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	138.78%#

Target Compounds					Ovalue
34) Trichloroethene	5.94	95	2055m	0.906 ug/L	
42) Toluene	7.41	91	7161	0.789 ug/L	99
46) Tetrachloroethene	7.99	164	91029	46.981 ug/L	97

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

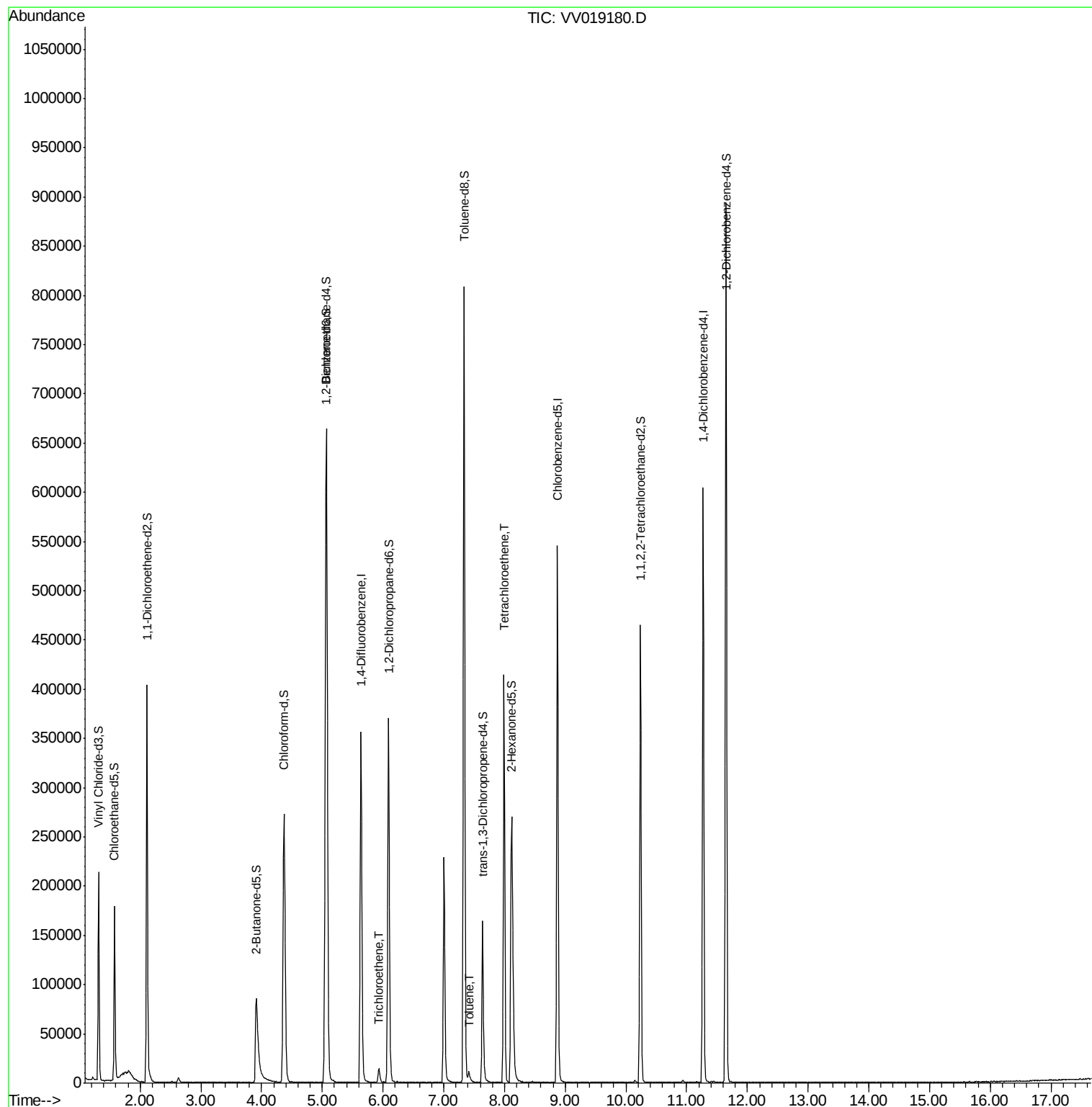
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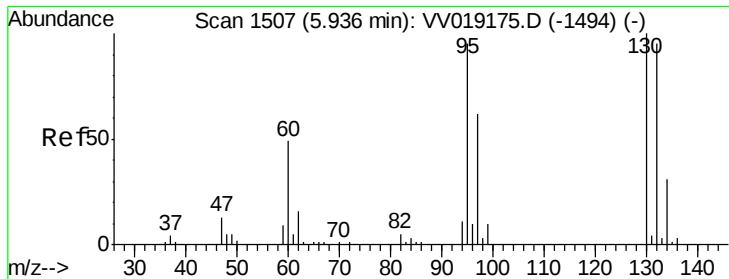
Instrument :
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Response via : Initial Calibration





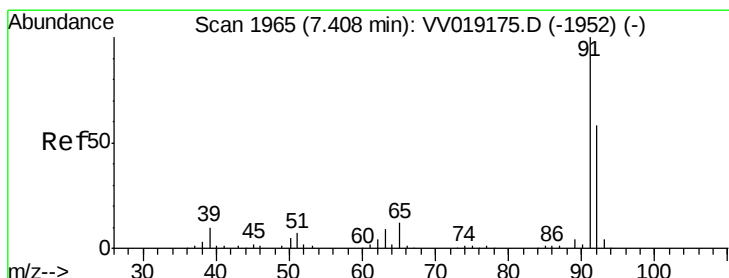
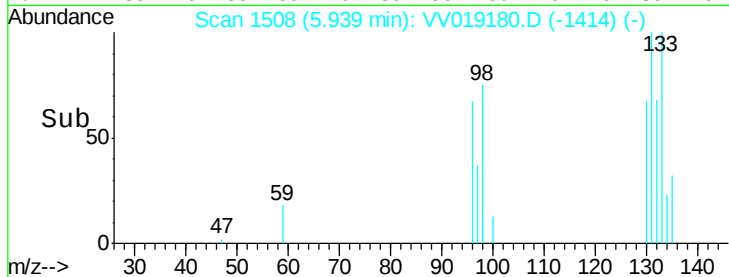
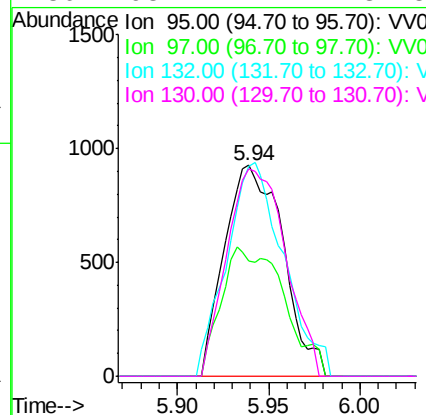
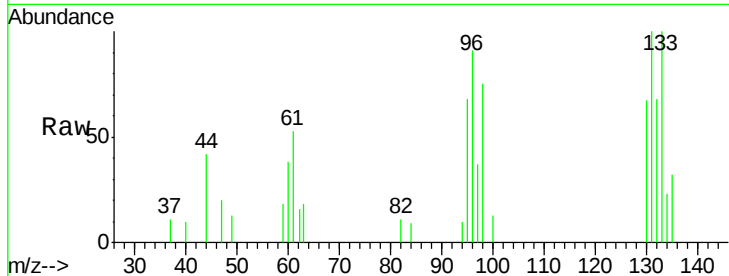
#34
 Trichloroethene
 Concen: 0.906 ug/L m
 RT: 5.94 min Scan# 1508
 Delta R.T. 0.00 min
 Lab File: VV019180.D
 Acq: 30 Oct 2020 13:29

Instrument :
 MSVOA_V
 ClientSampleId :
 BG443ME

Tot Ion: 95 Resp: 2055
 Ion Ratio Lower Upper
 95 100
 97 54.5 43.4 80.6
 132 99.5 69.7 129.4
 130 98.4 72.4 134.5

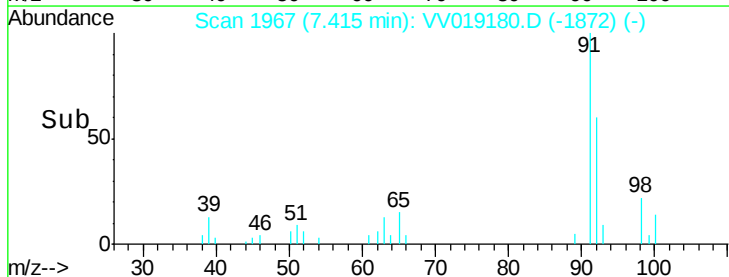
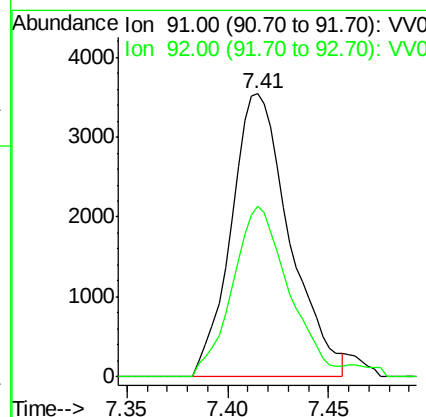
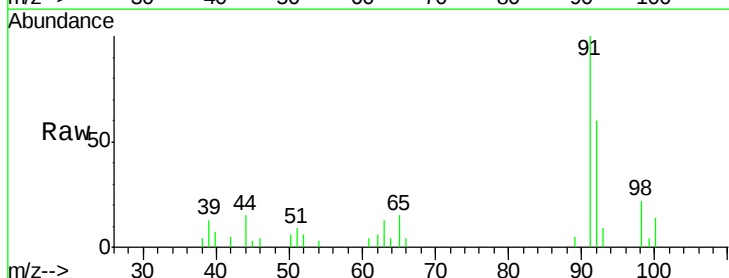
Manual Integrations
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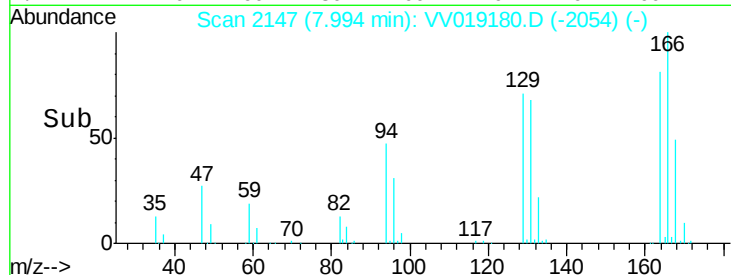
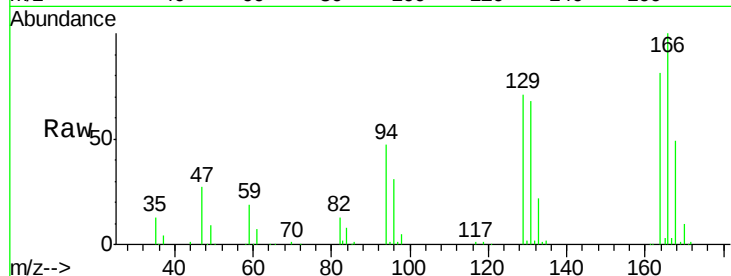
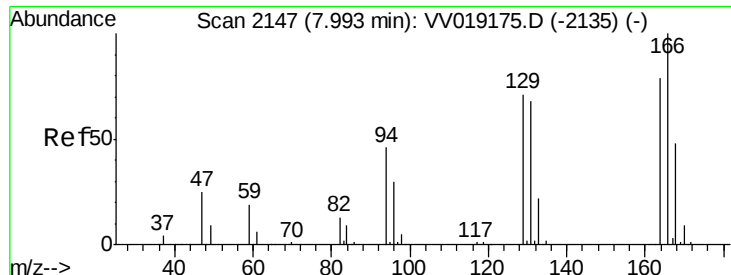
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#42
 Toluene
 Concen: 0.789 ug/L
 RT: 7.41 min Scan# 1967
 Delta R.T. 0.01 min
 Lab File: VV019180.D
 Acq: 30 Oct 2020 13:29

Tgt Ion: 91 Resp: 7161
 Ion Ratio Lower Upper
 91 100
 92 60.4 41.5 77.1





#46

Tetrachloroethene

Concen: 46.981 ug/L

RT: 7.99 min Scan# 2147

Delta R.T. 0.00 min

Lab File: VV019180.D

Acq: 30 Oct 2020 13:29

Instrument :

MSVOA_V

ClientSampleId :

BG443ME

Tot Ion:164 Resp: 91029

Ion Ratio Lower Upper

164 100

129 87.4 63.2 117.4

131 83.6 60.3 112.1

166 123.5 88.3 163.9

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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

