

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092420\
 Data File : VV018436.D
 Acq On : 24 Sep 2020 18:37
 Operator : SY/MD
 Sample : L4109-18 20X
 Misc : 5.92g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3Y9

Quant Time: Sep 25 07:13:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 25 04:36:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	536465	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	513869	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	273803	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	123488	28.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	56.50%#
7) Chloroethane-d5	1.58	69	115036	32.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	64.32%#
11) 1,1-Dichloroethene-d2	2.12	63	195178	24.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	48.68%#
21) 2-Butanone-d5	3.92	46	231832	86.63	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.63%
24) Chloroform-d	4.38	84	283044	37.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	74.62%
26) 1,2-Dichloroethane-d4	5.06	65	185853	38.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	76.44%
32) Benzene-d6	5.08	84	577013	39.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.44%
36) 1,2-Dichloropropane-d6	6.09	67	188585	40.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	80.70%
41) Toluene-d8	7.34	98	532628	39.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.46%#
43) trans-1,3-Dichloropropene-	7.64	79	95258	40.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.20%
47) 2-Hexanone-d5	8.11	63	161568	91.25	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.25%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	251652	42.90	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.80%
64) 1,2-Dichlorobenzene-d4	11.65	152	241857	43.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.02%

Target Compounds

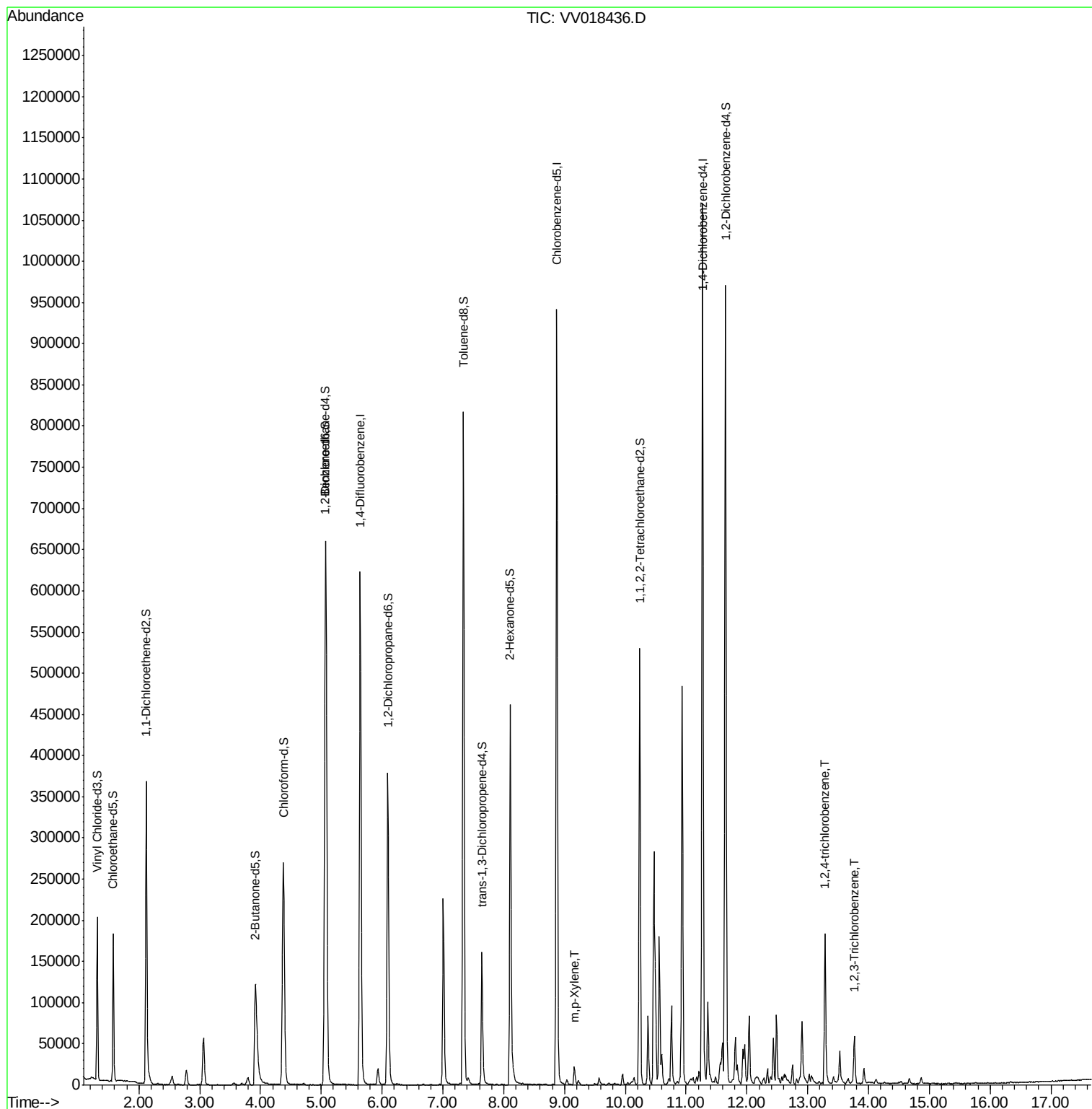
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
53) m,p-Xylene	9.16	106	6642	1.048	ug/L	93
68) 1,2,4-trichlorobenzene	13.28	180	52248	9.141	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	17883	3.177	ug/L	98

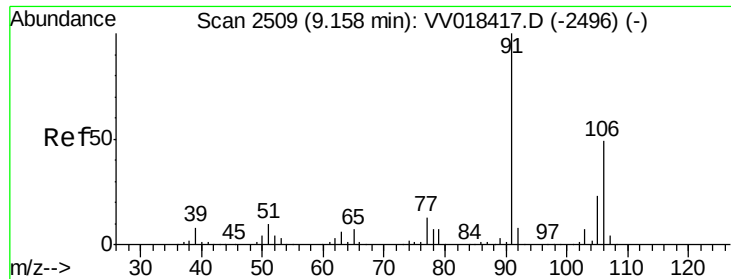
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#53

m,p-Xylene

Concen: 1.048 ug/L

RT: 9.16 min Scan# 2511

Delta R.T. 0.01 min

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Instrument :

MSVOA_V

ClientSampled :

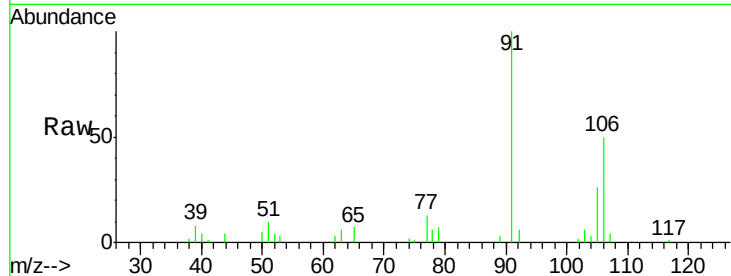
BG3Y9

Tot Ion:106 Resp: 6642

Ion Ratio Lower Upper

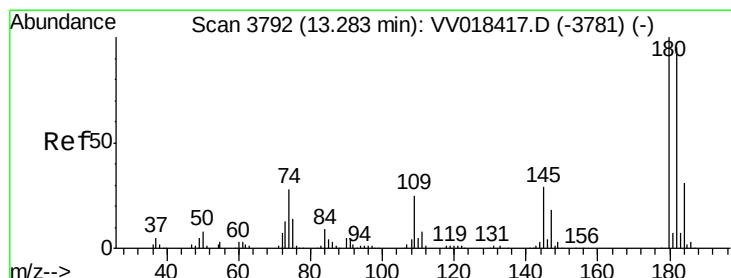
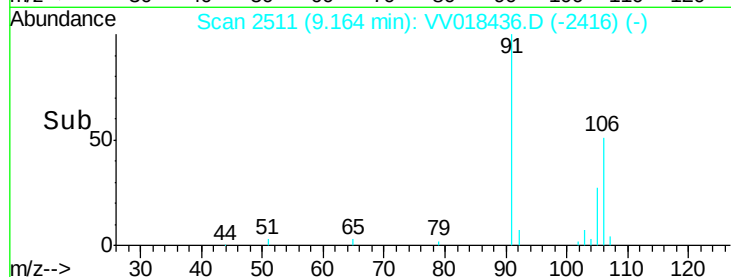
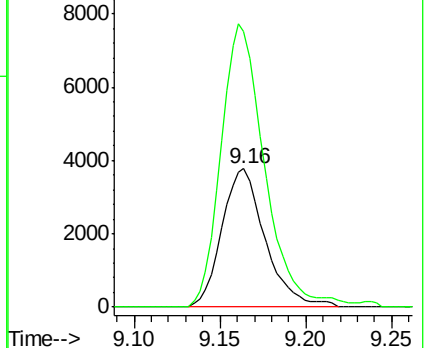
106 100

91 199.3 146.7 272.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0



#68

1,2,4-trichlorobenzene

Concen: 9.141 ug/L

RT: 13.28 min Scan# 3792

Delta R.T. -0.00 min

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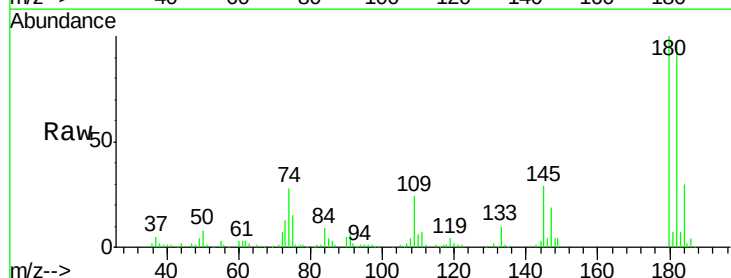
Tgt Ion:180 Resp: 52248

Ion Ratio Lower Upper

180 100

182 97.1 77.4 116.2

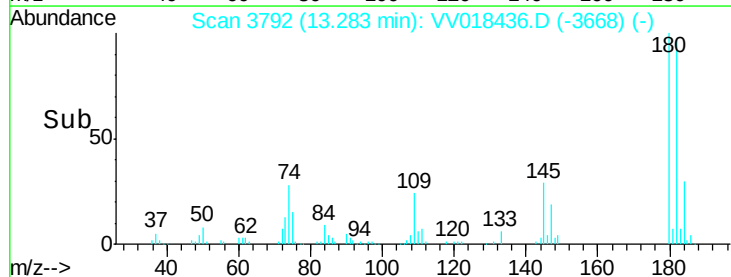
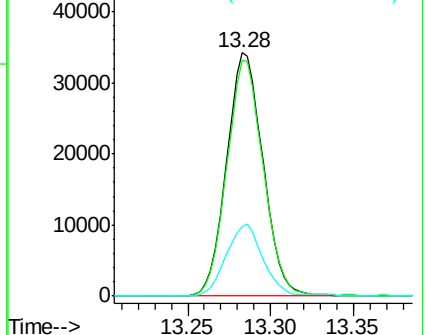
145 29.8 23.2 34.8

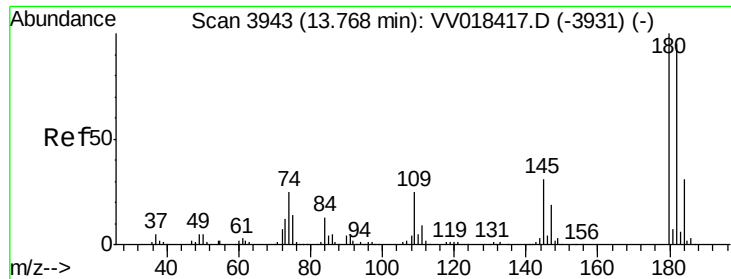


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V





#70

1,2,3-Trichlorobenzene

Concen: 3.177 ug/L

RT: 13.77 min Scan# 3943

Delta R.T. -0.00 min

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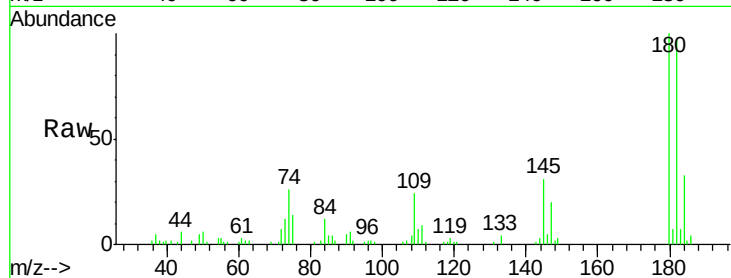
Tot Ion:180 Resp: 17883

Ion Ratio Lower Upper

180 100

182 94.0 76.5 114.7

145 30.4 24.9 37.3



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

