

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100920\
 Data File : VV018811.D
 Acq On : 09 Oct 2020 12:04
 Operator : SY/MD
 Sample : L4239-12
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3P8

Quant Time: Oct 10 00:49:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 09 23:43:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	535003	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	515192	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	261035	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	100969	20.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	41.54%#
7) Chloroethane-d5	1.58	69	91087	23.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	46.56%#
11) 1,1-Dichloroethene-d2	2.12	63	155599	16.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	33.20%#
21) 2-Butanone-d5	3.90	46	192043	64.34	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	64.34%
24) Chloroform-d	4.38	84	217472	25.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	50.72%#
26) 1,2-Dichloroethane-d4	5.06	65	158842	27.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	54.64%#
32) Benzene-d6	5.08	84	429163	25.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	51.76%#
36) 1,2-Dichloropropane-d6	6.10	67	146221	27.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	54.10%#
41) Toluene-d8	7.34	98	374042	25.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	50.82%#
43) trans-1,3-Dichloropropene-	7.64	79	68202	25.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	51.62%#
47) 2-Hexanone-d5	8.11	63	106060	55.97	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	55.97%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	166264	26.73	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	53.46%#
64) 1,2-Dichlorobenzene-d4	11.65	152	161559	27.96	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	55.92%#

Target Compounds

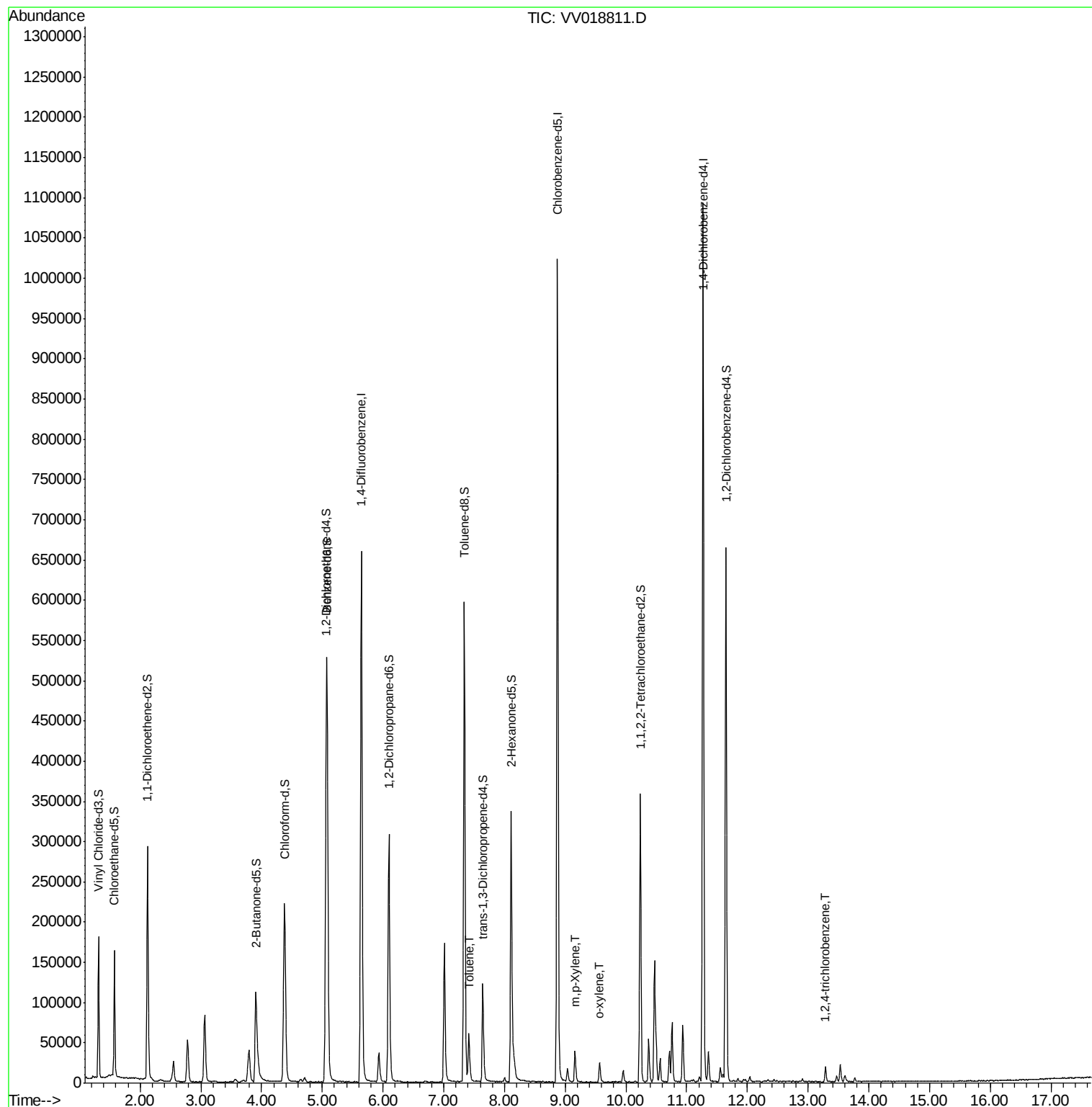
					Ovalue
42) Toluene	7.41	91	42290	2.519 ug/L	98
53) m,p-Xylene	9.16	106	11155	1.594 ug/L	94
54) o-xylene	9.57	106	6041	0.909 ug/L	78
68) 1,2,4-trichlorobenzene	13.29	180	5107	0.985 ug/L	97

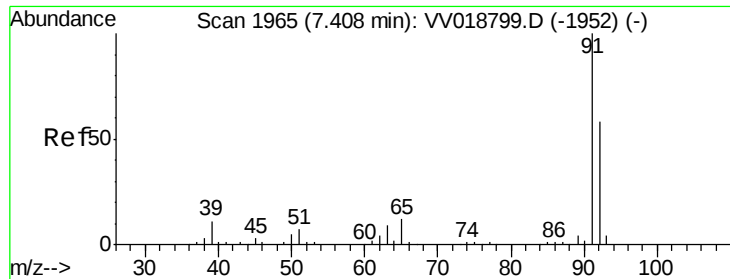
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#42

Toluene

Concen: 2.519 ug/L

RT: 7.41 min Scan# 1967

Delta R.T. 0.01 min

Lab File: VV018811.D

Acq: 09 Oct 2020 12:04

Instrument :

MSVOA_V

ClientSampled :

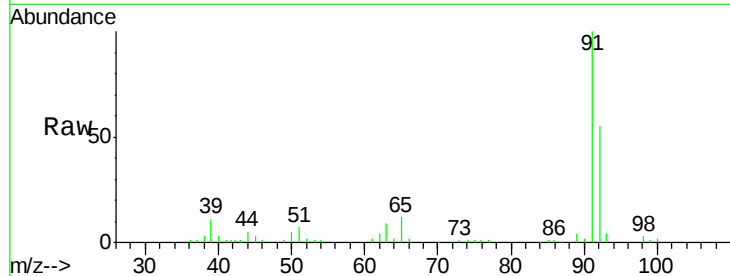
BG3P8

Tot Ion: 91 Resp: 42290

Ion Ratio Lower Upper

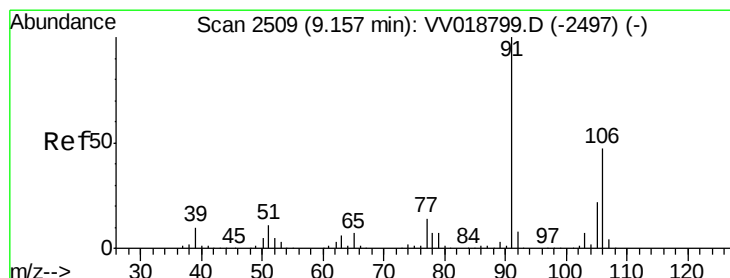
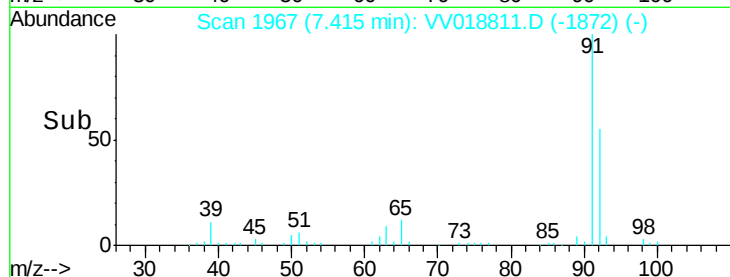
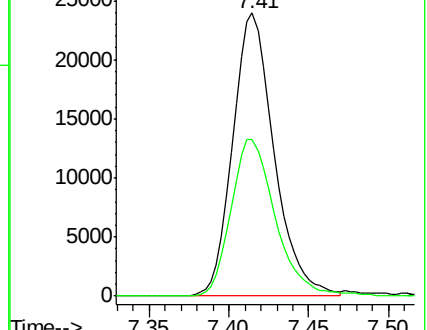
91 100

92 55.3 39.8 74.0



Abundance Ion 91.00 (90.70 to 91.70): VV018799.D (-1952) (-)

Ion 92.00 (91.70 to 92.70): VV018799.D (-1952) (-)



#53

m,p-Xylene

Concen: 1.594 ug/L

RT: 9.16 min Scan# 2511

Delta R.T. 0.01 min

Lab File: VV018811.D

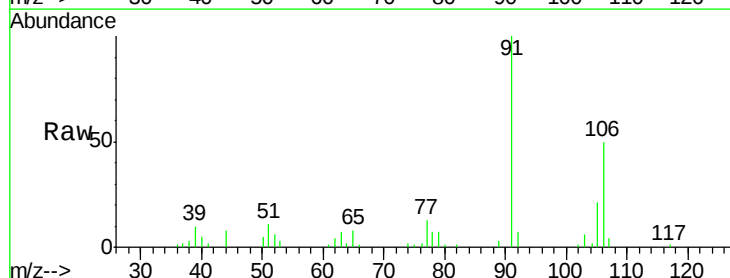
Acq: 09 Oct 2020 12:04

Tgt Ion: 106 Resp: 11155

Ion Ratio Lower Upper

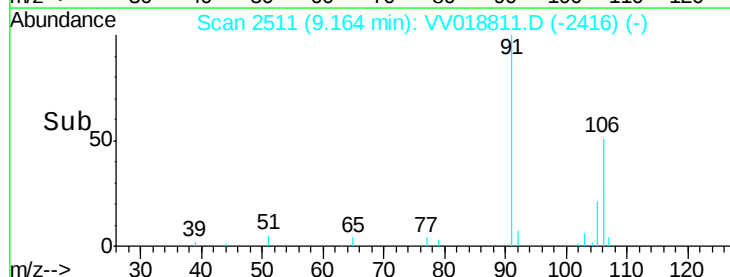
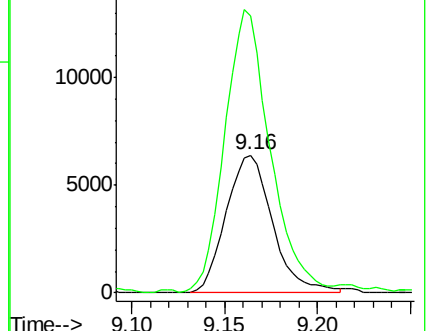
106 100

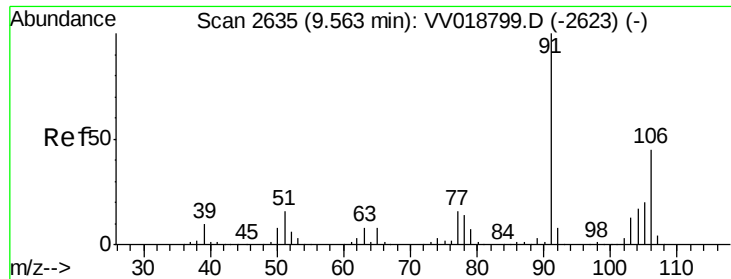
91 200.8 147.1 273.1



Abundance Ion 106.00 (105.70 to 106.70): VV018799.D (-2497) (-)

Ion 91.00 (90.70 to 91.70): VV018799.D (-2497) (-)





#54

o-xylene

Concen: 0.909 ug/L

RT: 9.57 min Scan# 2636

Delta R.T. 0.00 min

Lab File: VV018811.D

Acq: 09 Oct 2020 12:04

Instrument :

MSVOA_V

ClientSampled :

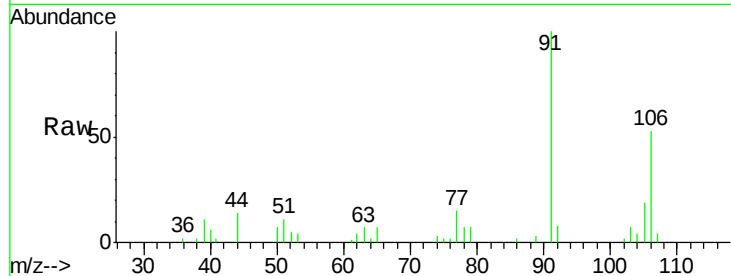
BG3P8

Tot Ion:106 Resp: 6041

Ion Ratio Lower Upper

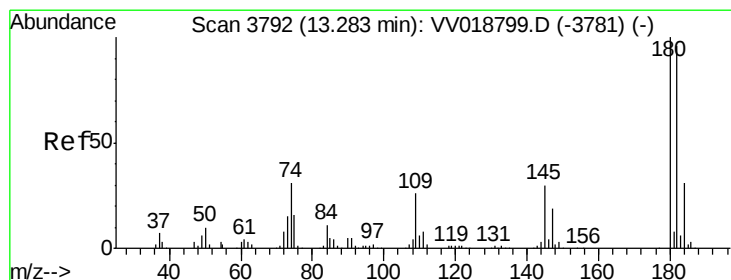
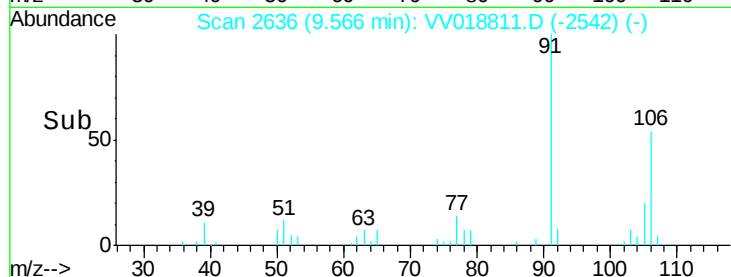
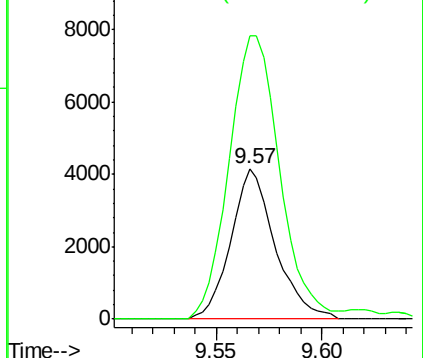
106 100

91 188.3 156.8 291.2



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: 0.985 ug/L

RT: 13.29 min Scan# 3793

Delta R.T. 0.00 min

Lab File: VV018811.D

Acq: 09 Oct 2020 12:04

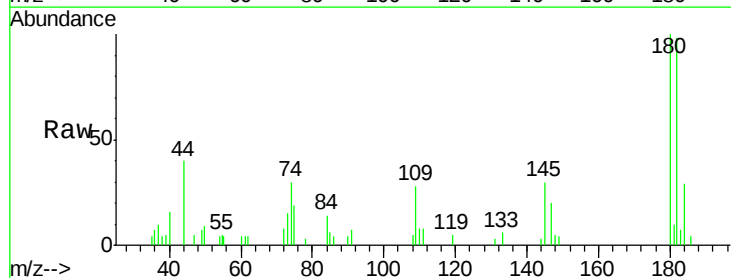
Tgt Ion:180 Resp: 5107

Ion Ratio Lower Upper

180 100

182 99.1 76.7 115.1

145 29.0 24.0 36.0



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

