

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
 Data File : VW021478.D
 Acq On : 18 Dec 2021 15:54
 Operator : SY/VA
 Sample : M5154-06
 Misc : 5.70g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGL86

Quant Time: Dec 18 23:12:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Dec 18 00:55:20 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

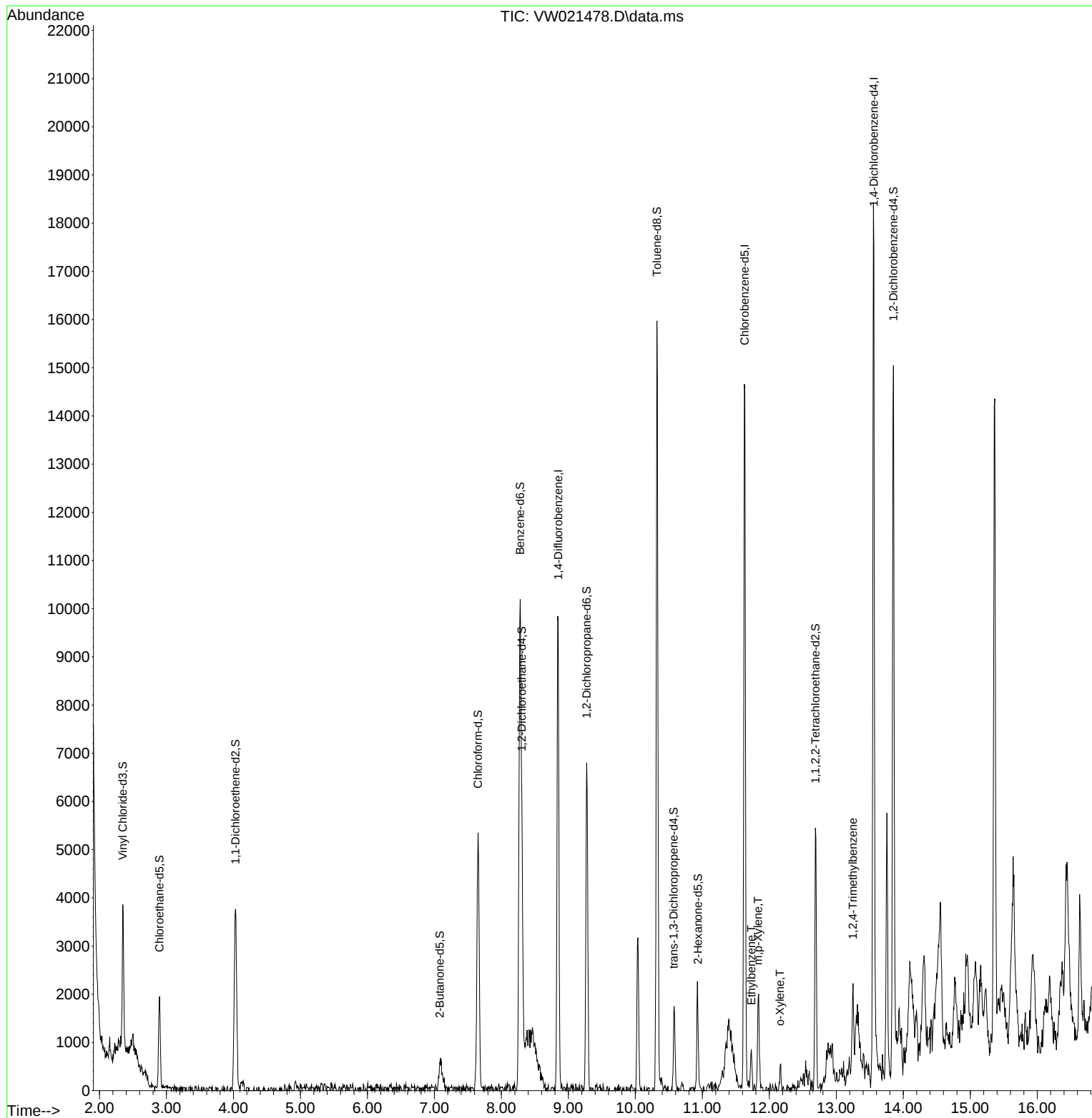
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	9007	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	9226	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	5199	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	2865	17.465	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.880%
7) Chloroethane-d5	2.897	69	2113	19.485	ug/L	0.02
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.920%
11) 1,1-Dichloroethene-d2	4.031	63	3850	17.604	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.400%
21) 2-Butanone-d5	7.080	46	1262	54.577	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.160%
24) Chloroform-d	7.653	84	5489	21.868	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.480%
26) 1,2-Dichloroethane-d4	8.305	65	3344	25.045	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.200%
32) Benzene-d6	8.281	84	10978	21.708	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.840%
36) 1,2-Dichloropropane-d6	9.274	67	3044	22.444	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.760%
41) Toluene-d8	10.323	98	10790	20.882	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.520%
43) trans-1,3-Dichloroprop...	10.573	79	1107	17.727	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	70.920%
47) 2-Hexanone-d5	10.933	63	796	39.690	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.380%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	2552	21.889	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.560%
66) 1,2-Dichlorobenzene-d4	13.853	152	4179	20.740	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	82.960%
Target Compounds						
					Qvalue	
52) Ethylbenzene	11.731	91	788	1.173	ug/L	98
53) m,p-Xylene	11.829	106	819	3.022	ug/L	# 59
54) o-Xylene	12.158	106	159	0.618	ug/L	# 47
63) 1,2,4-Trimethylbenzene	13.249	105	1268	2.138	ug/L	92

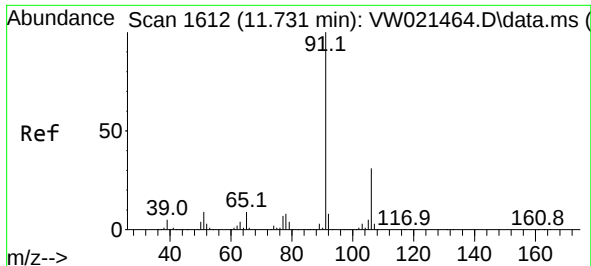
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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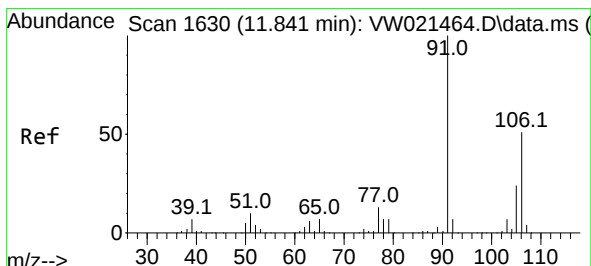
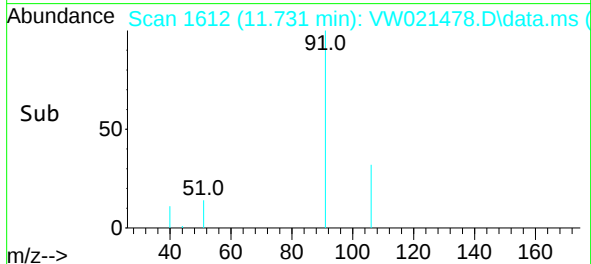
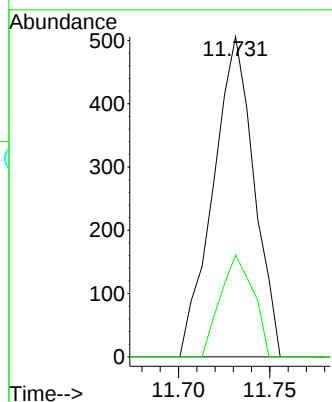
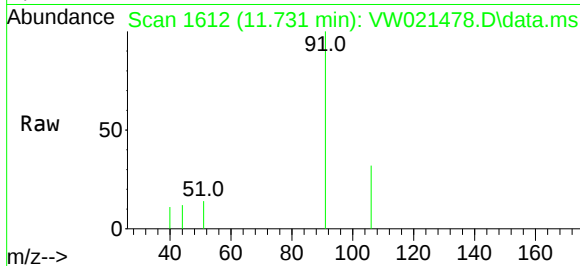




#52
Ethylbenzene
Concen: 1.173 ug/L
RT: 11.731 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW021478.D
Acq: 18 Dec 2021 15:54

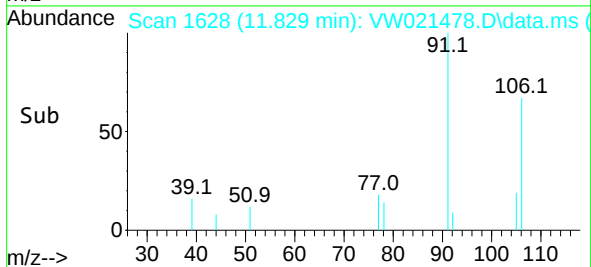
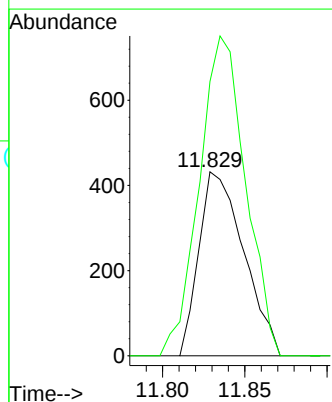
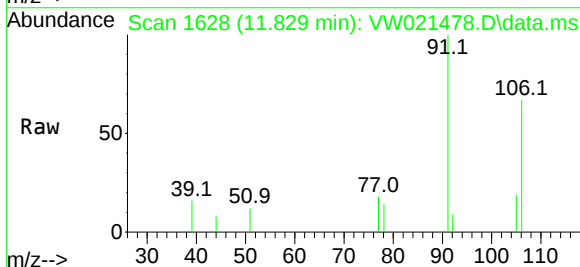
Instrument :
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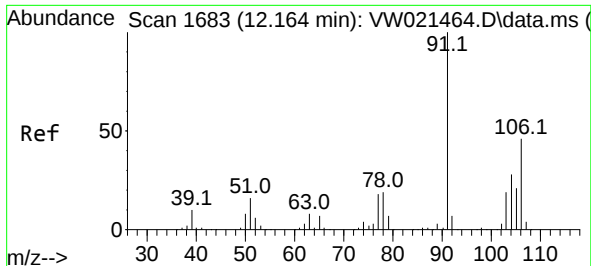
Tgt Ion: 91 Resp: 788
Ion Ratio Lower Upper
91 100
106 31.8 21.5 39.9



#53
m,p-Xylene
Concen: 3.022 ug/L
RT: 11.829 min Scan# 1628
Delta R.T. -0.006 min
Lab File: VW021478.D
Acq: 18 Dec 2021 15:54

Tgt Ion: 106 Resp: 819
Ion Ratio Lower Upper
106 100
91 149.1 149.9 278.3#

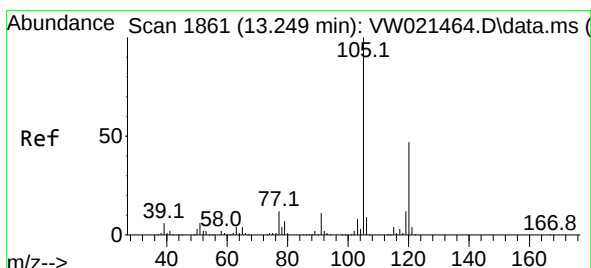
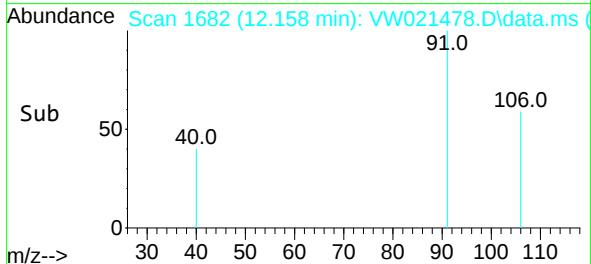
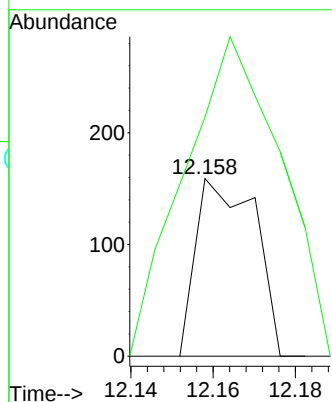
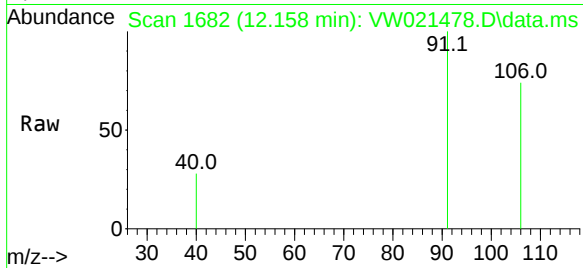




#54
o-Xylene
Concen: 0.618 ug/L
RT: 12.158 min Scan# 1
Delta R.T. -0.006 min
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Acq: 18 Dec 2021 15:54

Instrument :
MSVOA_W
ClientSampleId :
BGL86

Tgt Ion:106 Resp: 159
Ion Ratio Lower Upper
106 100
91 134.6 153.6 285.3#



#63
1,2,4-Trimethylbenzene
Concen: 2.138 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW021478.D
Acq: 18 Dec 2021 15:54

Tgt Ion:105 Resp: 1268
Ion Ratio Lower Upper
105 100
120 38.5 35.0 52.6

