

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121924\
 Data File : VW031391.D
 Acq On : 19 Dec 2024 17:44
 Operator : SY/MD
 Sample : P5265-18
 Misc : 6.81g/10mL/MSVOA_W/SOIL/B
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E2903

Quant Time: Dec 20 00:34:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 20 00:25:15 2024
 Response via : Initial Calibration

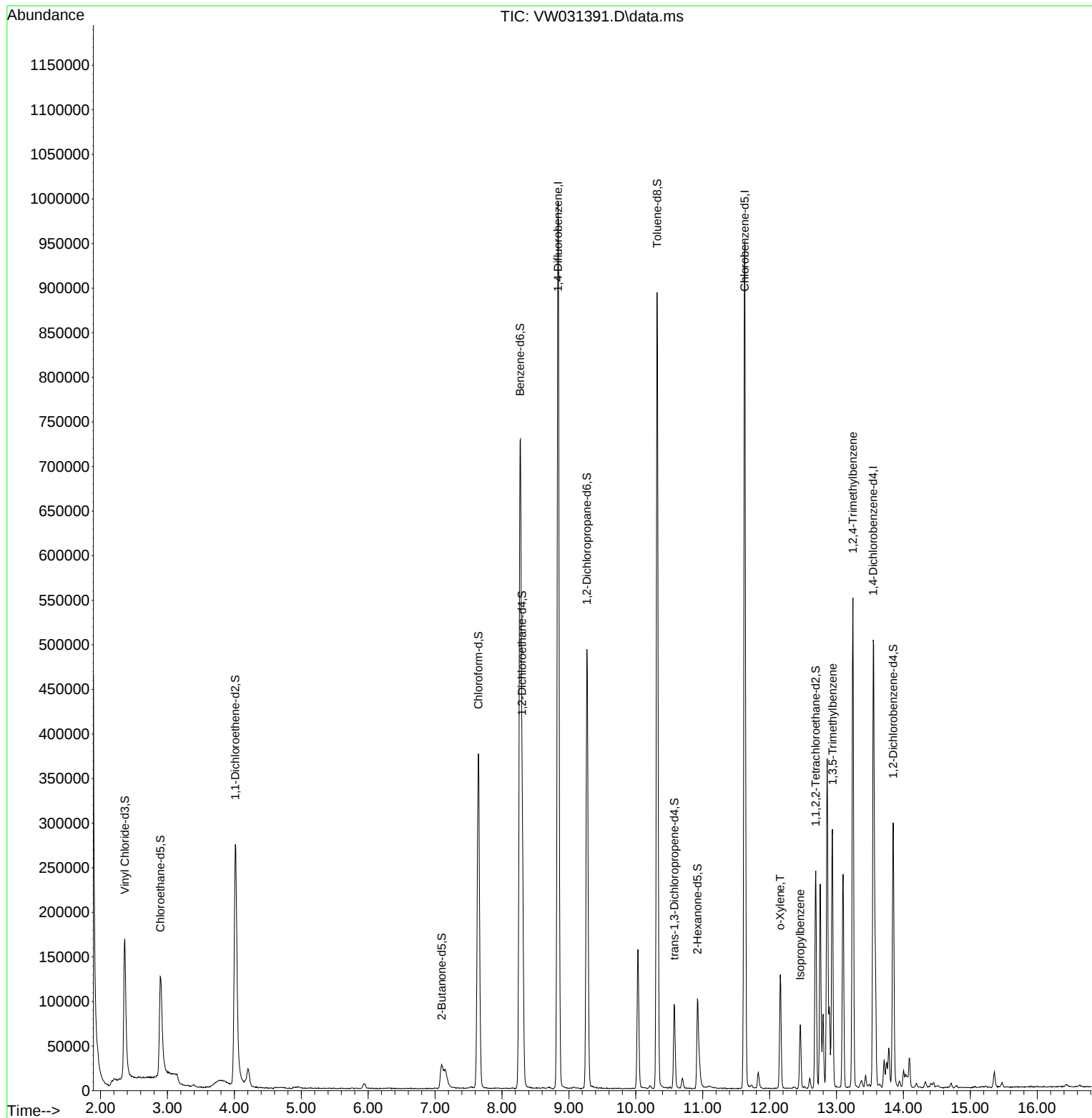
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	837172	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	514757	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	129704	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	238778	18.956	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.840%
7) Chloroethane-d5	2.893	69	188897	20.273	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.080%
11) 1,1-Dichloroethene-d2	4.015	65	98473	16.481	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.920%
21) 2-Butanone-d5	7.100	46	44086	18.585	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	37.160%
24) Chloroform-d	7.648	84	376304	16.405	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	65.640%
26) 1,2-Dichloroethane-d4	8.301	65	208816	18.127	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	72.520%
32) Benzene-d6	8.270	84	763407	23.138	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.560%
36) 1,2-Dichloropropane-d6	9.270	67	222994	23.191	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.760%
41) Toluene-d8	10.319	98	583546	19.012	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	76.040%
43) trans-1,3-Dichloroprop...	10.575	79	51848	11.694	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	46.760%
47) 2-Hexanone-d5	10.922	63	33261	25.721	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	51.440%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	116457	19.289	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	77.160%
66) 1,2-Dichlorobenzene-d4	13.848	152	75229	15.623	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	62.480%#
Target Compounds						
54) o-Xylene	12.160	106	34248	2.378	ug/L	89
60) Isopropylbenzene	12.458	105	45535	2.145	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	156156	8.678	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	289840	16.664	ug/L	98

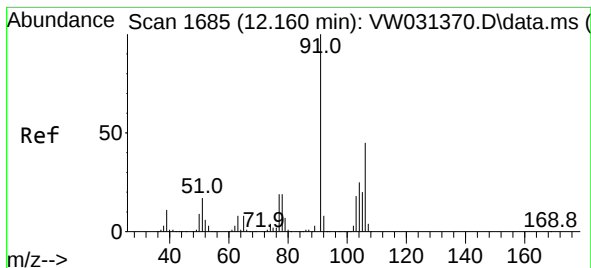
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#54

o-Xylene

Concen: 2.378 ug/L

RT: 12.160 min Scan# 1

Delta R.T. -0.000 min

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MSVOA_W

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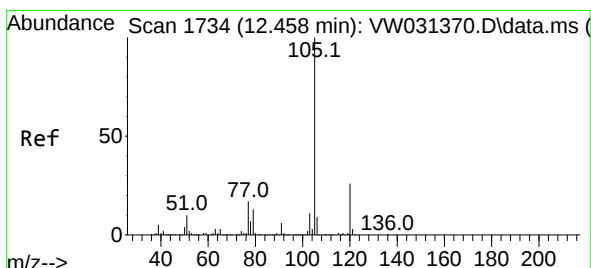
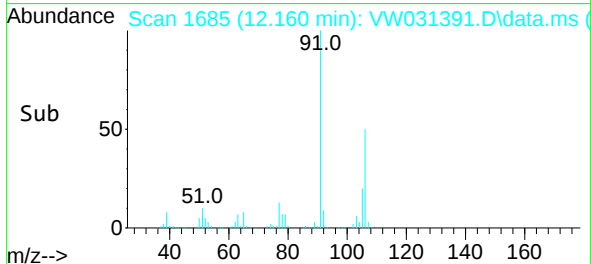
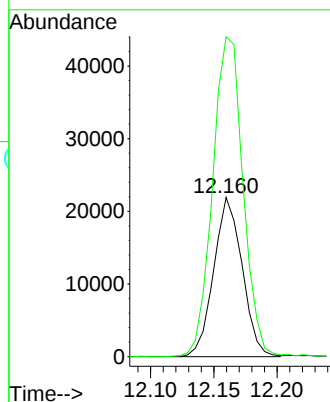
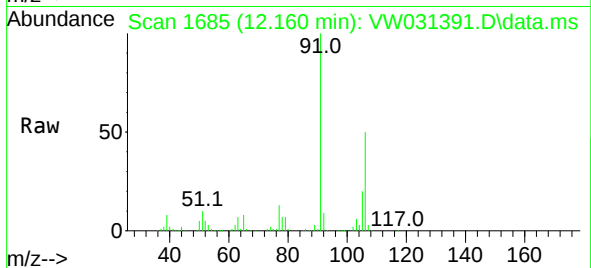
E2903

Tgt Ion:106 Resp: 34248

Ion Ratio Lower Upper

106 100

91 200.9 153.1 284.3



#60

Isopropylbenzene

Concen: 2.145 ug/L

RT: 12.458 min Scan# 1734

Delta R.T. -0.000 min

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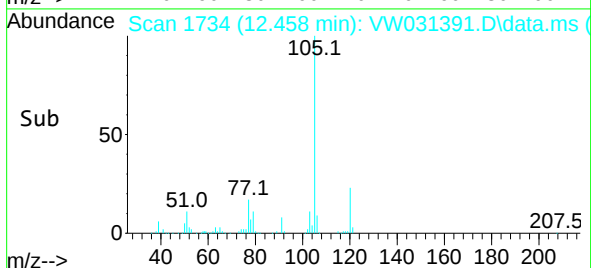
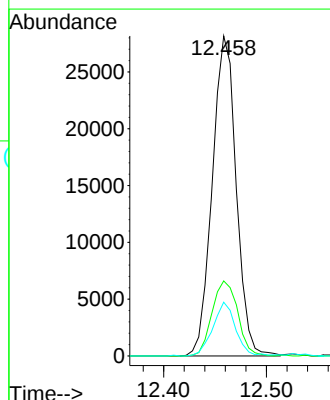
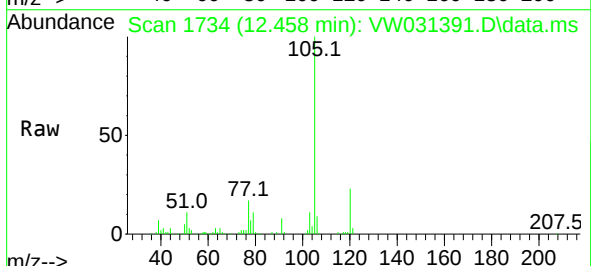
Tgt Ion:105 Resp: 45535

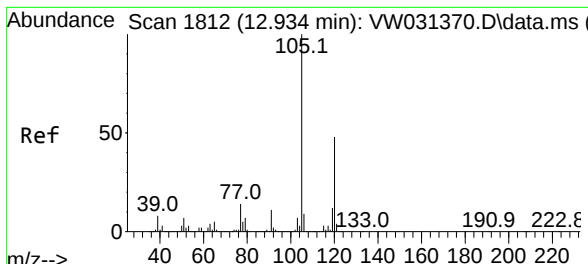
Ion Ratio Lower Upper

105 100

120 25.1 20.6 31.0

77 15.7 12.8 19.2

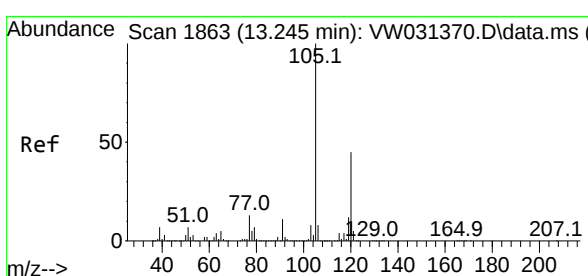
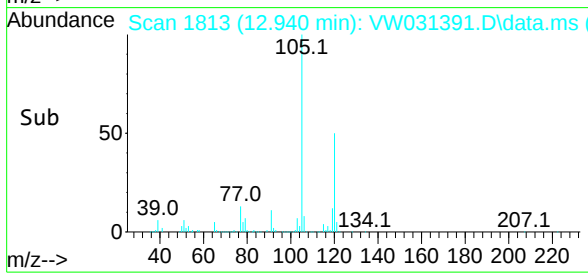
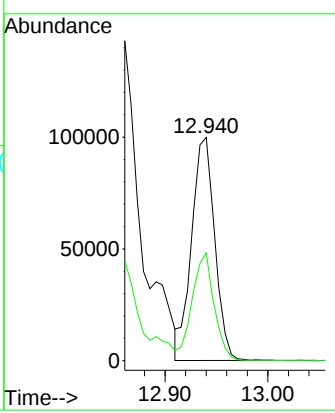
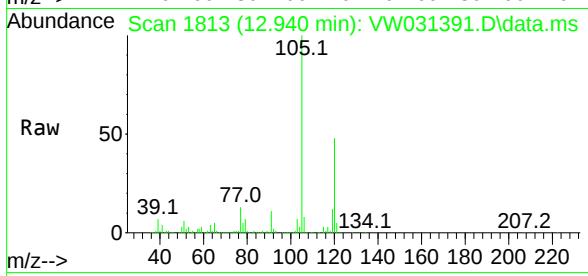




#62
 1,3,5-Trimethylbenzene
 Concen: 8.678 ug/L
 RT: 12.940 min Scan# 1812
 Delta R.T. 0.006 min
 Lab File: VW031391.D
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 MSVOA_W
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 E2903

Tgt Ion:105 Resp: 156156
 Ion Ratio Lower Upper
 105 100
 120 46.0 37.3 55.9



#63
 1,2,4-Trimethylbenzene
 Concen: 16.664 ug/L
 RT: 13.245 min Scan# 1863
 Delta R.T. -0.000 min
 Lab File: VW031391.D
 Acq: 19 Dec 2024 17:44

Tgt Ion:105 Resp: 289840
 Ion Ratio Lower Upper
 105 100
 120 45.0 35.0 52.4

