

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122324\
 Data File : VW031511.D
 Acq On : 23 Dec 2024 16:46
 Operator : SY/MD
 Sample : P5322-21
 Misc : 5.95g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 YE644

Quant Time: Dec 24 00:18:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Dec 24 00:12:57 2024
 Response via : Initial Calibration

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

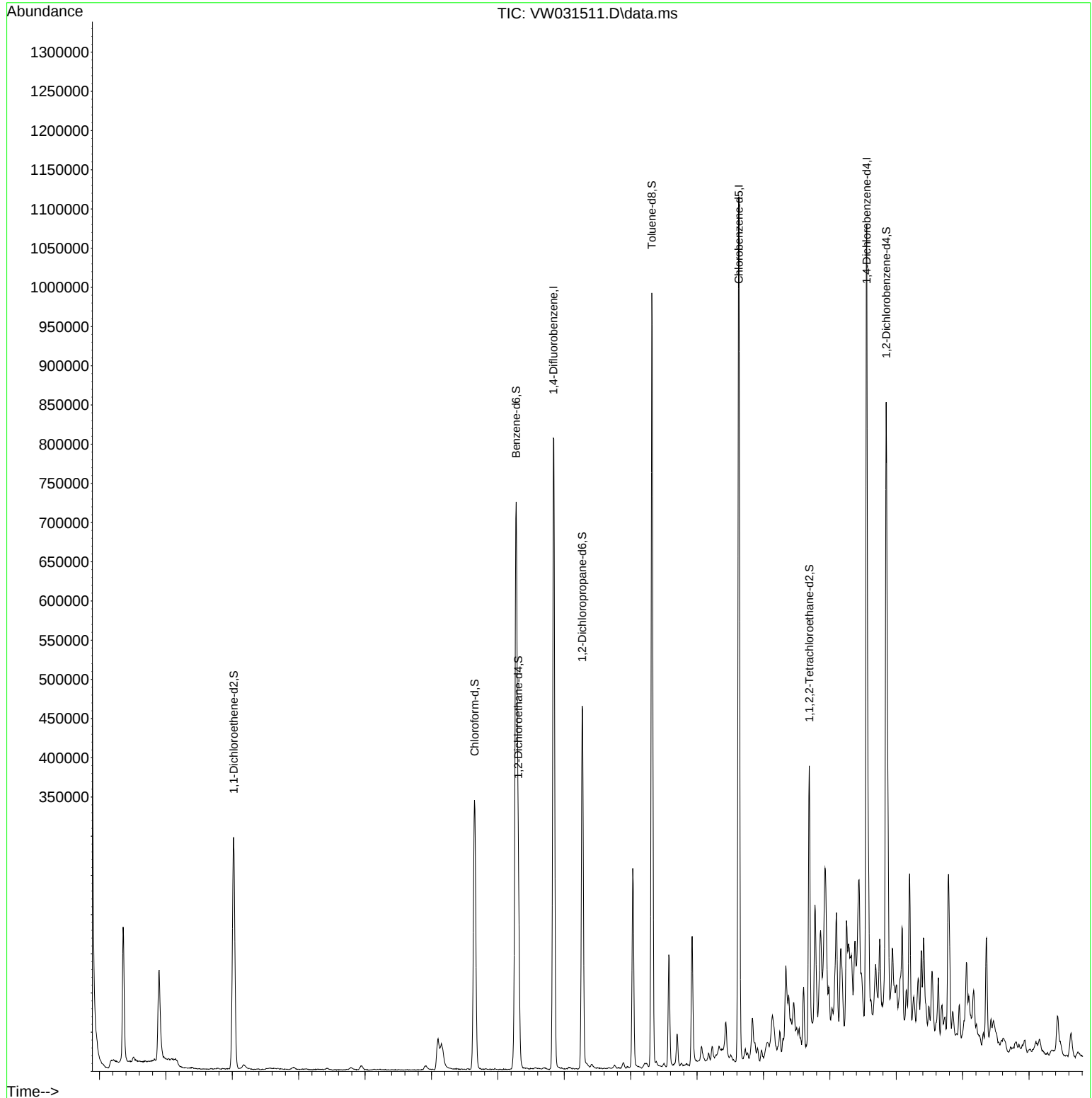
Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	705943	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	592134	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	267564	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.357	65	202531	19.068	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	76.280%		
7) Chloroethane-d5	2.893	69	161133	20.508	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	82.040%		
11) 1,1-Dichloroethene-d2	4.021	65	90796	18.021	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	72.080%		
21) 2-Butanone-d5	7.100	46	75065	37.526	ug/L	-0.01
Spiked Amount 50.000	Range 20 - 135		Recovery =	75.060%		
24) Chloroform-d	7.648	84	357248	18.470	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	73.880%		
26) 1,2-Dichloroethane-d4	8.307	65	197123	20.293	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	81.160%		
32) Benzene-d6	8.276	84	743639	19.594	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	78.360%		
36) 1,2-Dichloropropane-d6	9.270	67	220643	19.948	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	79.800%		
41) Toluene-d8	10.319	98	661546	18.737	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	74.960%		
43) trans-1,3-Dichloroprop...	10.581	79	80723	15.827	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	63.320%		
47) 2-Hexanone-d5	10.922	63	59363	39.908	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	79.820%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	147938	21.302	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	85.200%		
66) 1,2-Dichlorobenzene-d4	13.848	152	192491	19.379	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	77.520%		
Target Compounds						
13) Acetone	4.167	43	12760	4.580	ug/L #	100
53) m,p-Xylene	11.837	106	14348	0.816	ug/L	99
54) o-Xylene	12.160	106	5881	0.355	ug/L	92
60) Isopropylbenzene	12.458	105	20345	0.465	ug/L #	93
62) 1,3,5-Trimethylbenzene	12.940	105	13148	0.354	ug/L	90
63) 1,2,4-Trimethylbenzene	13.245	105	42851	1.194	ug/L	100

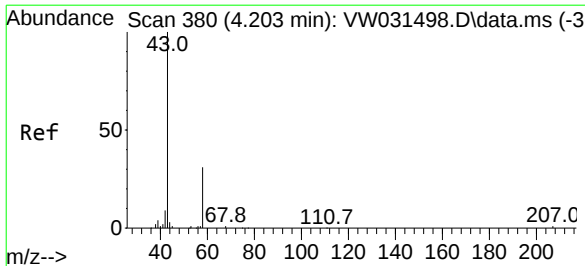
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Tue Dec 24 00:12:57 2024
Response via : Initial Calibration





#13

Acetone

Concen: 4.580 ug/L

RT: 4.167 min Scan# 37

Delta R.T. -0.036 min

Lab File: VW031511.D

Acq: 23 Dec 2024 16:46

Instrument :

MSVOA_W

ClientSampleId :

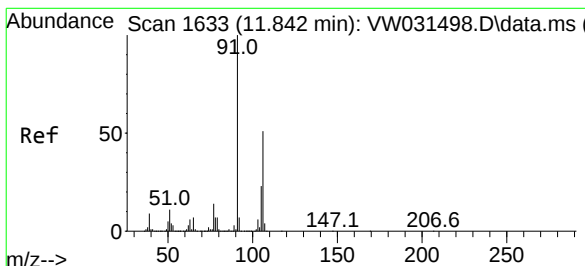
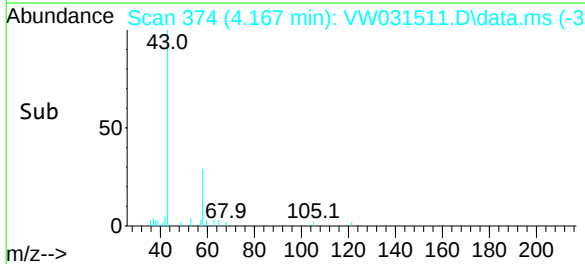
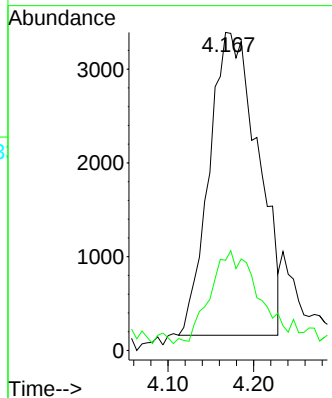
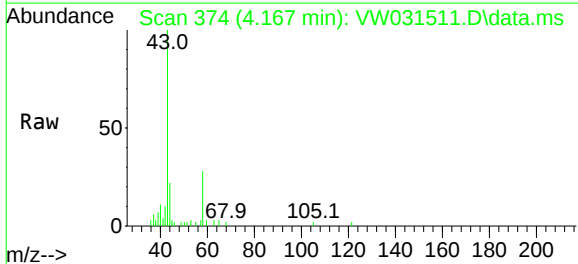
YE644

Tgt Ion: 43 Resp: 12760

Ion Ratio Lower Upper

43 100

58 15.7 0.0 0.0#



#53

m,p-Xylene

Concen: 0.816 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. -0.006 min

Lab File: VW031511.D

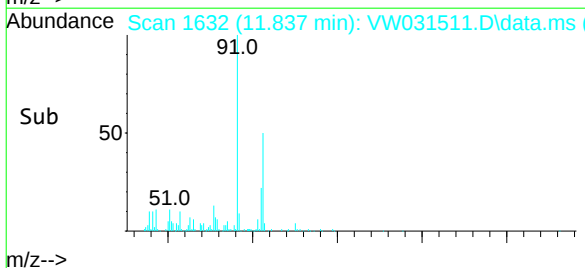
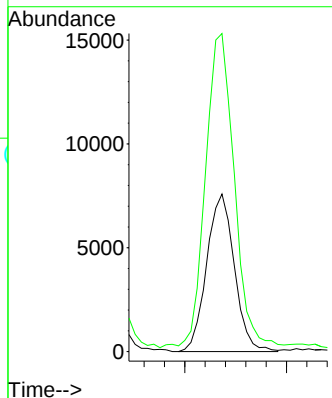
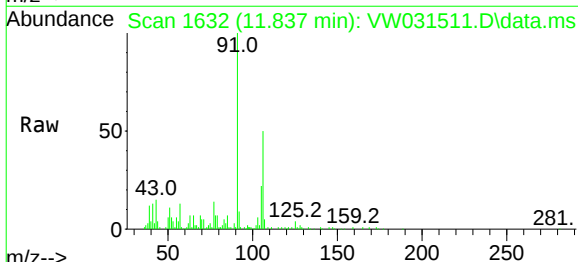
Acq: 23 Dec 2024 16:46

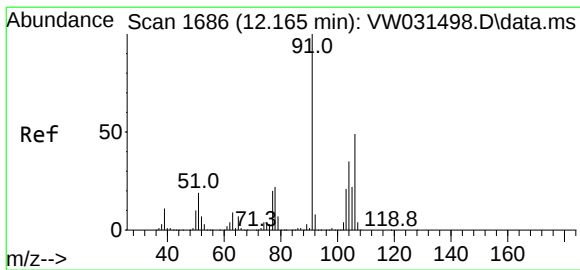
Tgt Ion:106 Resp: 14348

Ion Ratio Lower Upper

106 100

91 201.8 139.9 259.7





#54

o-Xylene

Concen: 0.355 ug/L

RT: 12.160 min Scan# 1685

Delta R.T. -0.006 min

Lab File: VW031511.D

Acq: 23 Dec 2024 16:46

Instrument :

MSVOA_W

ClientSampleId :

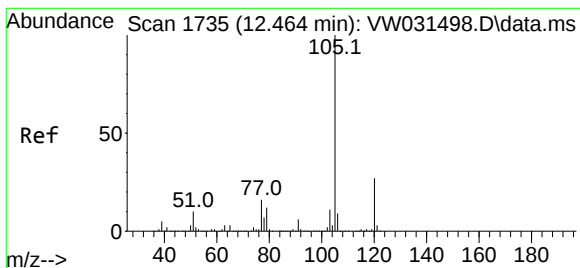
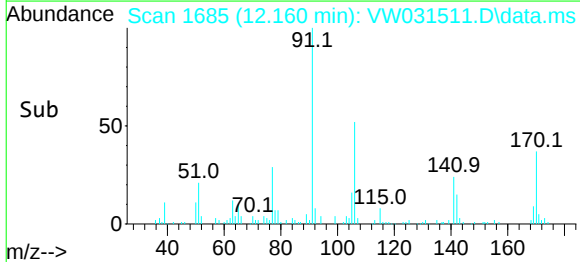
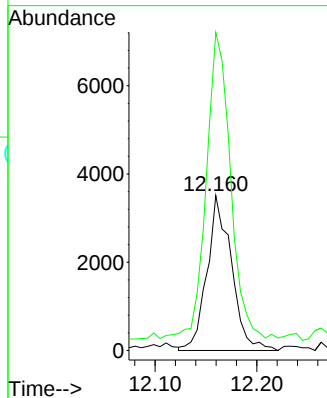
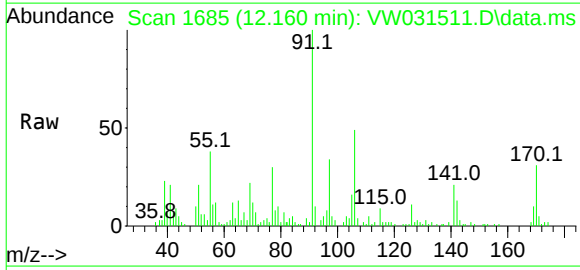
YE644

Tgt Ion:106 Resp: 5881

Ion Ratio Lower Upper

106 100

91 205.3 153.1 284.3



#60

Isopropylbenzene

Concen: 0.465 ug/L

RT: 12.458 min Scan# 1734

Delta R.T. -0.006 min

Lab File: VW031511.D

Acq: 23 Dec 2024 16:46

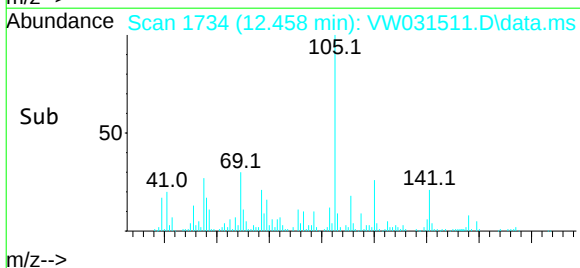
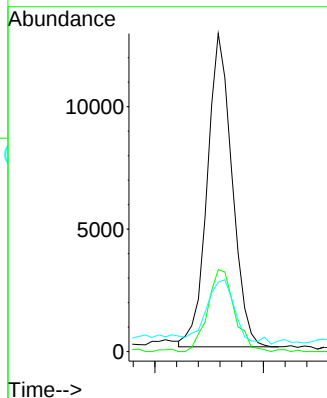
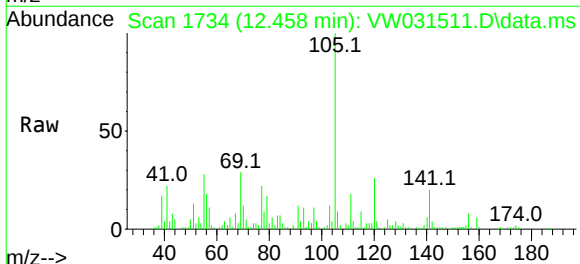
Tgt Ion:105 Resp: 20345

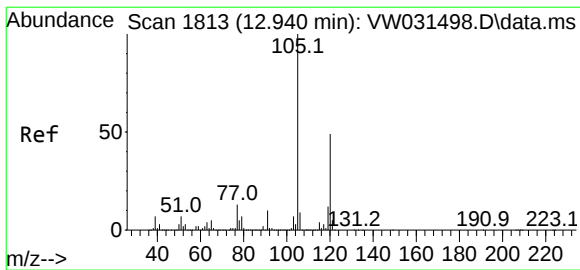
Ion Ratio Lower Upper

105 100

120 27.9 20.6 31.0

77 21.0 12.8 19.2#

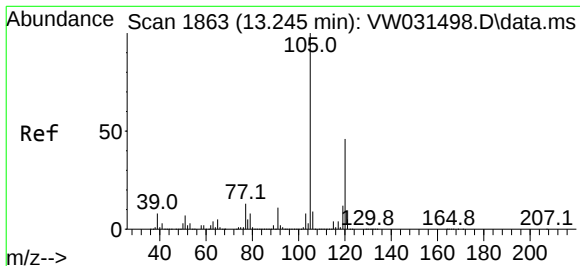
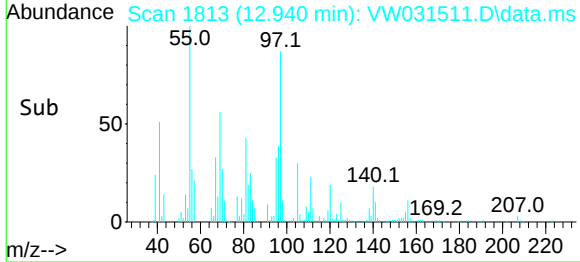
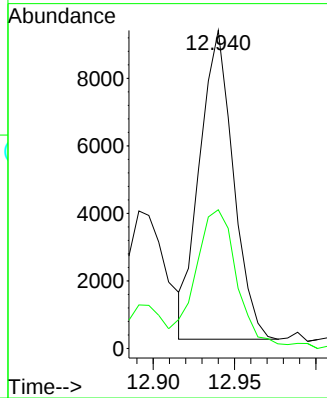
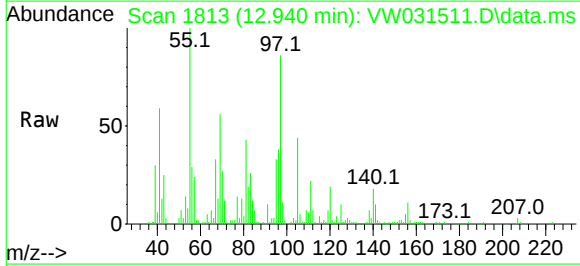




#62
 1,3,5-Trimethylbenzene
 Concen: 0.354 ug/L
 RT: 12.940 min Scan# 1813
 Delta R.T. 0.000 min
 Lab File: VW031511.D
 Acq: 23 Dec 2024 16:46

Instrument :
 MSVOA_W
 ClientSampleId :
 YE644

Tgt Ion:105 Resp: 13148
 Ion Ratio Lower Upper
 105 100
 120 53.2 37.3 55.9



#63
 1,2,4-Trimethylbenzene
 Concen: 1.194 ug/L
 RT: 13.245 min Scan# 1863
 Delta R.T. 0.000 min
 Lab File: VW031511.D
 Acq: 23 Dec 2024 16:46

Tgt Ion:105 Resp: 42851
 Ion Ratio Lower Upper
 105 100
 120 43.4 35.0 52.4

