

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120121\
 Data File : VW021007.D
 Acq On : 01 Dec 2021 17:22
 Operator : SY/VA
 Sample : VIBLK498
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK498

Quant Time: Dec 02 01:59:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM111521SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 02 01:54:41 2021
 Response via : Initial Calibration

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

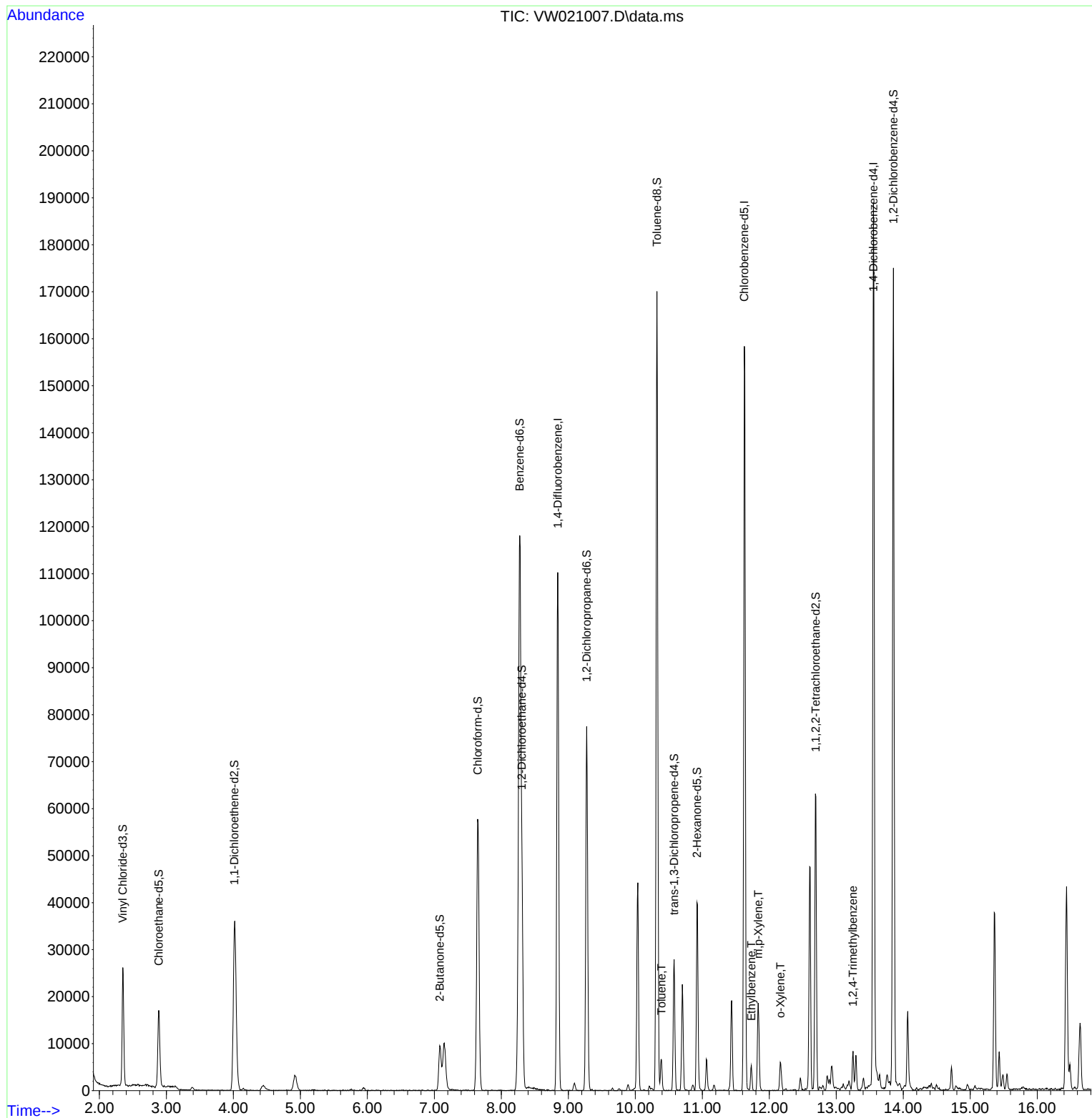
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	95796	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	88402	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	51172	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	23966	21.568	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.280%
7) Chloroethane-d5	2.885	69	19061	26.597	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.400%
11) 1,1-Dichloroethene-d2	4.013	63	34860	16.214	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.840%
21) 2-Butanone-d5	7.080	46	16966	61.171	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.340%
24) Chloroform-d	7.647	84	58202	24.113	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.440%
26) 1,2-Dichloroethane-d4	8.305	65	32243	26.317	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.280%
32) Benzene-d6	8.275	84	109945	23.597	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.400%
36) 1,2-Dichloropropane-d6	9.274	67	32339	24.374	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.480%
41) Toluene-d8	10.323	98	110236	23.838	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.360%
43) trans-1,3-Dichloroprop...	10.579	79	14573	23.238	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.960%
47) 2-Hexanone-d5	10.921	63	13376	60.787	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.580%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	28997	28.530	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	114.120%
66) 1,2-Dichlorobenzene-d4	13.853	152	43447	23.822	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.280%
Target Compounds						
					Qvalue	
42) Toluene	10.390	91	5227	0.928	ug/L	93
52) Ethylbenzene	11.731	91	3775	0.605	ug/L	91
53) m,p-Xylene	11.835	106	5707	2.241	ug/L	94
54) o-Xylene	12.164	106	1561	0.638	ug/L	75
63) 1,2,4-Trimethylbenzene	13.249	105	4602	0.793	ug/L	97

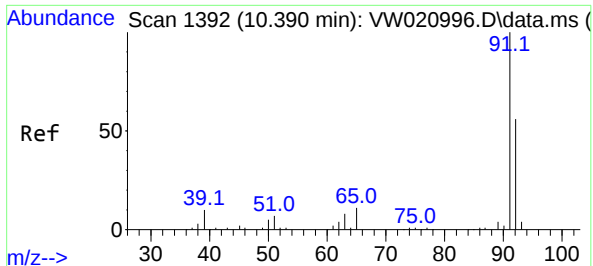
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK498

Quant Time: Dec 02 01:59:28 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM111521SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Dec 02 01:54:41 2021
Response via : Initial Calibration





#42

Toluene

Concen: 0.928 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. 0.000 min

Lab File: VW021007.D

Acq: 01 Dec 2021 17:22

Instrument :

MSVOA_W

ClientSampleId :

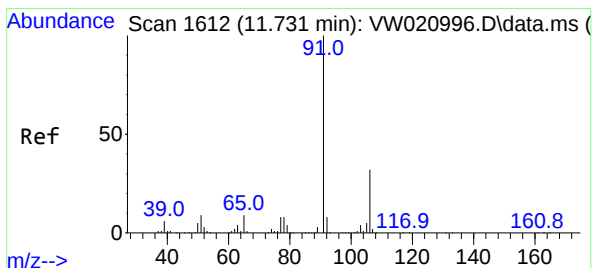
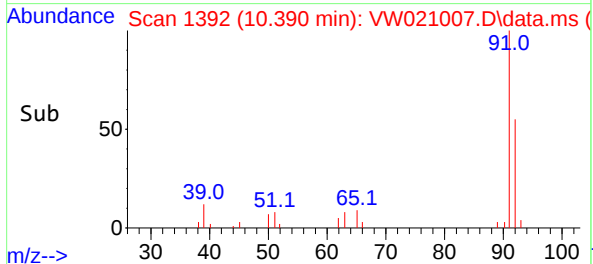
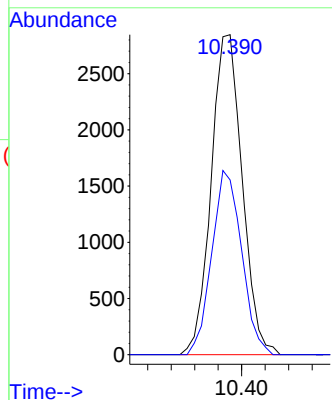
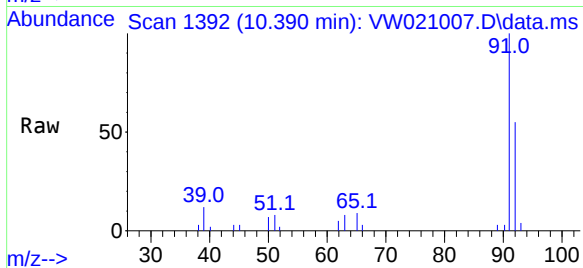
VIBLK498

Tgt Ion: 91 Resp: 5227

Ion Ratio Lower Upper

91 100

92 54.6 41.7 77.5



#52

Ethylbenzene

Concen: 0.605 ug/L

RT: 11.731 min Scan# 1612

Delta R.T. 0.000 min

Lab File: VW021007.D

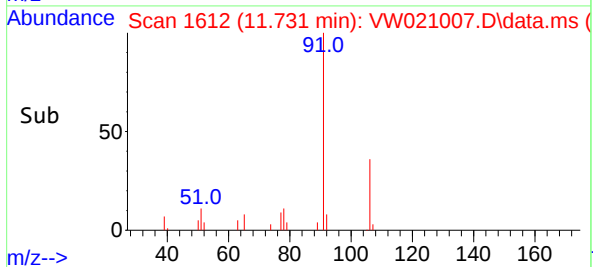
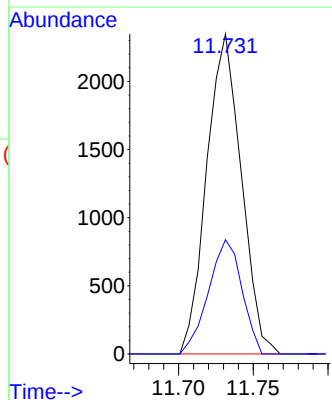
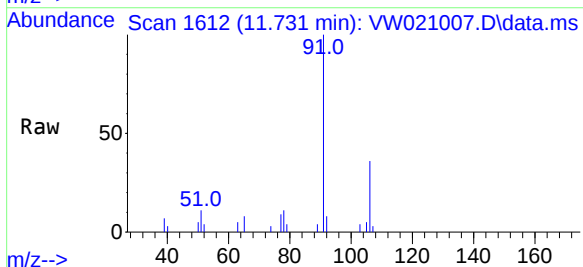
Acq: 01 Dec 2021 17:22

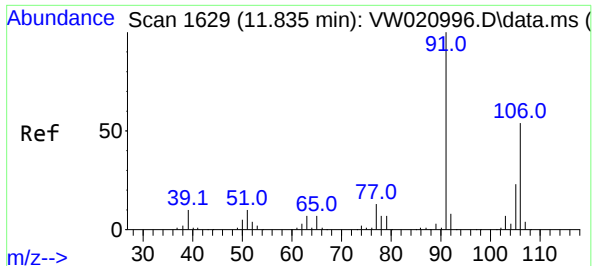
Tgt Ion: 91 Resp: 3775

Ion Ratio Lower Upper

91 100

106 35.7 21.5 39.9

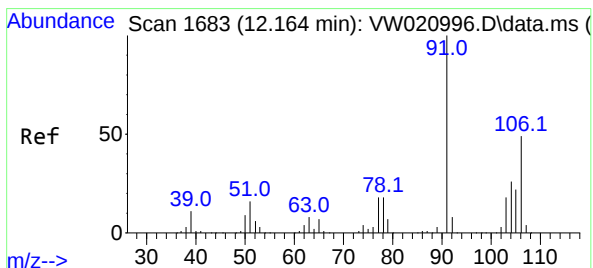
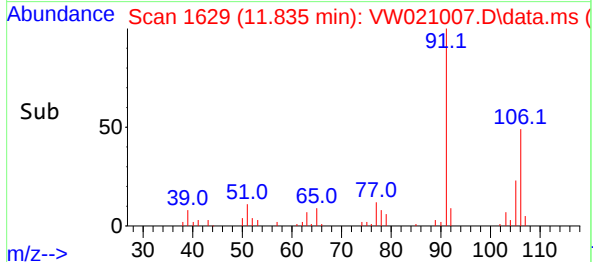
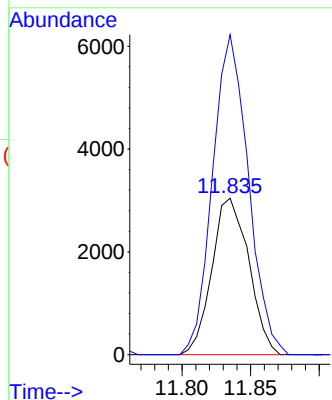
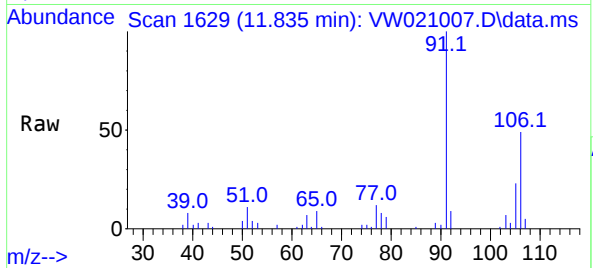




#53
m,p-Xylene
Concen: 2.241 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW021007.D
Acq: 01 Dec 2021 17:22

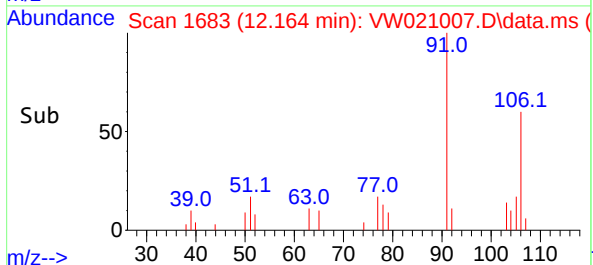
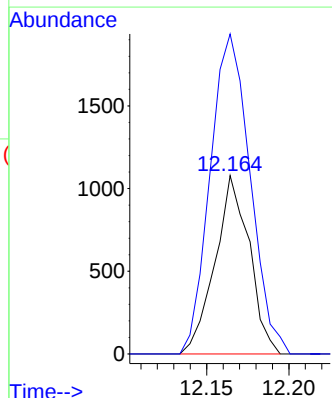
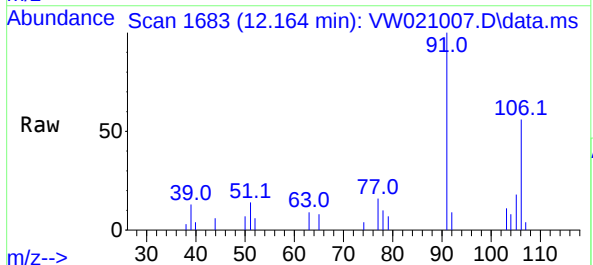
Instrument :
MSVOA_W
ClientSampleId :
VIBLK498

Tgt Ion:106 Resp: 5707
Ion Ratio Lower Upper
106 100
91 204.6 149.9 278.3

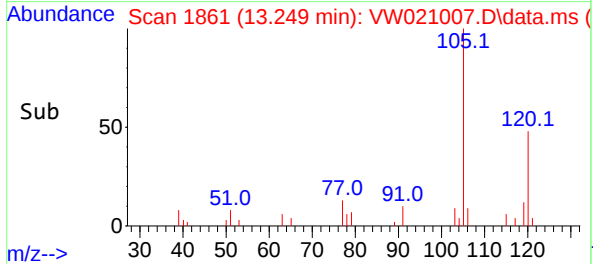
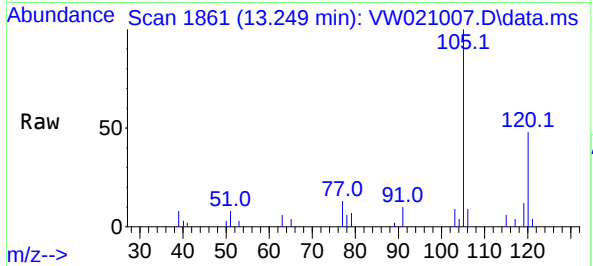
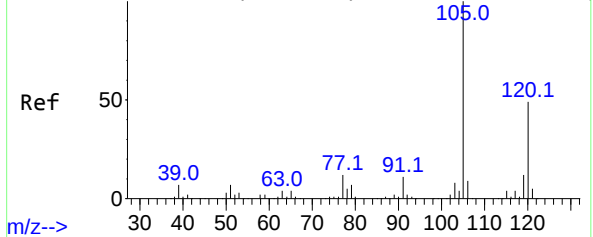


#54
o-Xylene
Concen: 0.638 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW021007.D
Acq: 01 Dec 2021 17:22

Tgt Ion:106 Resp: 1561
Ion Ratio Lower Upper
106 100
91 179.3 153.6 285.3



Abundance Scan 1861 (13.249 min): VW020996.D\data.ms (



#63
1,2,4-Trimethylbenzene
Concen: 0.793 ug/L
RT: 13.249 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW021007.D
Acq: 01 Dec 2021 17:22

Instrument :
MSVOA_W
ClientSampleId :
VIBLK498

Tgt Ion:105 Resp: 4602
Ion Ratio Lower Upper
105 100
120 46.0 35.0 52.6

