

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120821\
 Data File : VW021224.D
 Acq On : 08 Dec 2021 12:54
 Operator : SY/VA
 Sample : M4960-05
 Misc : 6.85g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGKS0

Quant Time: Dec 08 23:01:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Dec 08 22:58:53 2021
 Response via : Initial Calibration

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

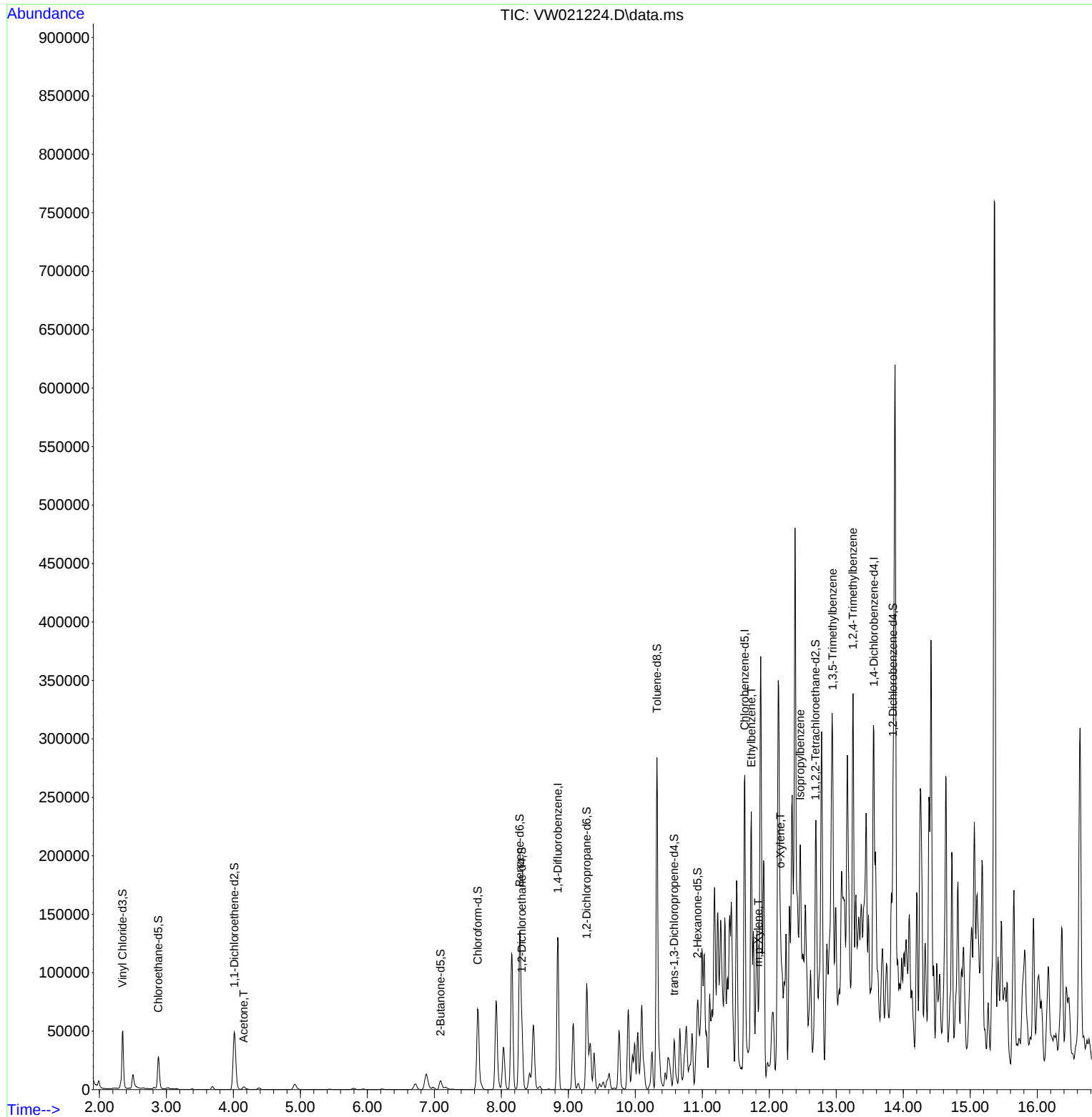
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	111916	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	130613	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	74540	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	47077	30.191	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 120.760%	
7) Chloroethane-d5	2.879	69	31543	30.219	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 120.880%	
11) 1,1-Dichloroethene-d2	4.013	63	45375	18.216	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 72.880%	
21) 2-Butanone-d5	7.092	46	14068	39.554	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	= 79.100%	
24) Chloroform-d	7.647	84	68141	24.312	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 97.240%	
26) 1,2-Dichloroethane-d4	8.305	65	36846	24.030	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 96.120%	
32) Benzene-d6	8.275	84	139090	20.827	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 83.320%	
36) 1,2-Dichloropropane-d6	9.274	67	38097	20.527	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 82.120%	
41) Toluene-d8	10.323	98	141007	20.592	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 82.360%	
43) trans-1,3-Dichloroprop...	10.579	79	15628	18.545	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 74.160%	
47) 2-Hexanone-d5	10.927	63	12612	35.519	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 71.040%	
56) 1,1,2,2-Tetrachloroeth...	12.688	84	36932	21.510	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 86.040%	
66) 1,2-Dichlorobenzene-d4	13.847	152	57855	21.662	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 86.640%	
Target Compounds						Qvalue
13) Acetone	4.153	43	5410	16.699	ug/L	73
52) Ethylbenzene	11.731	91	138497	14.501	ug/L	98
53) m,p-Xylene	11.835	106	7691	1.947	ug/L	72
54) o-Xylene	12.164	106	5834	1.566	ug/L	94
60) Isopropylbenzene	12.463	105	86969	8.395	ug/L	97
62) 1,3,5-Trimethylbenzene	12.945	105	12080	1.392	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	145911	16.723	ug/L	96

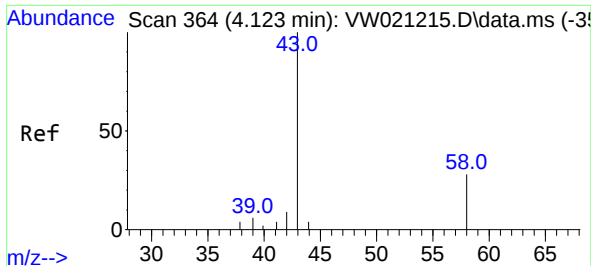
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Wed Dec 08 22:58:53 2021
Response via : Initial Calibration





#13

Acetone

Concen: 16.699 ug/L

RT: 4.153 min Scan# 369

Delta R.T. 0.030 min

Lab File: VW021224.D

Acq: 08 Dec 2021 12:54

Instrument :

MSVOA_W

ClientSampleId :

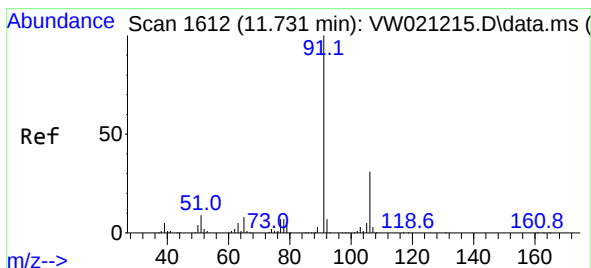
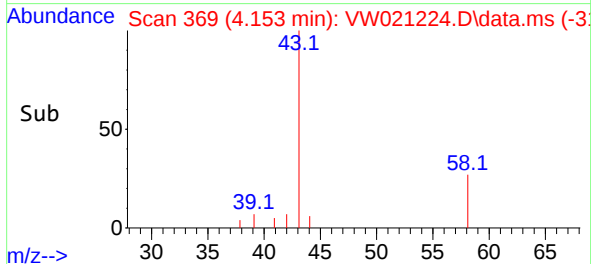
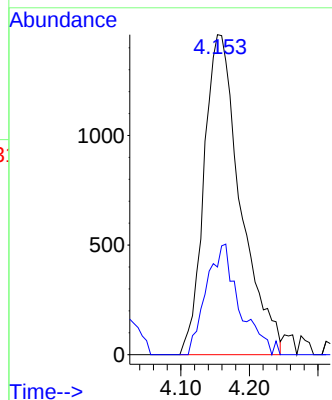
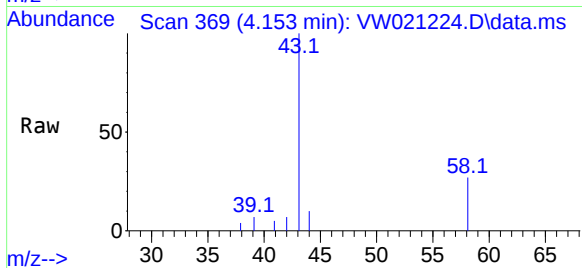
BGKS0

Tgt Ion: 43 Resp: 5410

Ion Ratio Lower Upper

43 100

58 12.7 0.0 52.8



#52

Ethylbenzene

Concen: 14.501 ug/L

RT: 11.731 min Scan# 1612

Delta R.T. -0.000 min

Lab File: VW021224.D

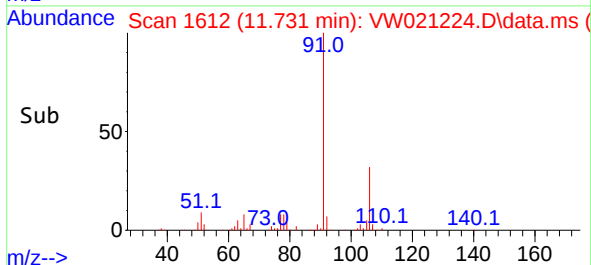
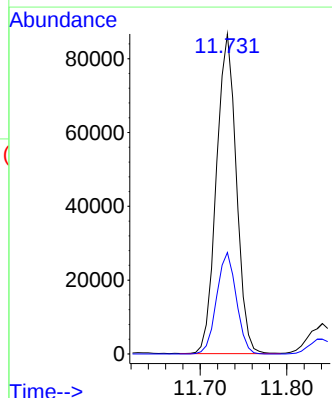
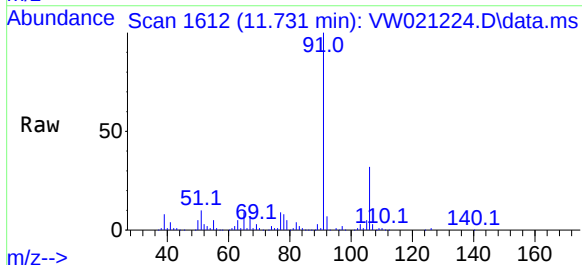
Acq: 08 Dec 2021 12:54

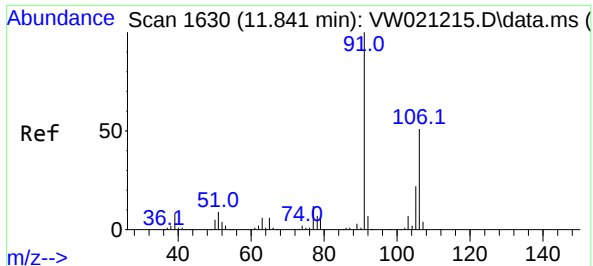
Tgt Ion: 91 Resp: 138497

Ion Ratio Lower Upper

91 100

106 31.7 21.5 39.9





#53

m,p-Xylene

Concen: 1.947 ug/L

RT: 11.835 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW021224.D

Acq: 08 Dec 2021 12:54

Instrument :

MSVOA_W

ClientSampleId :

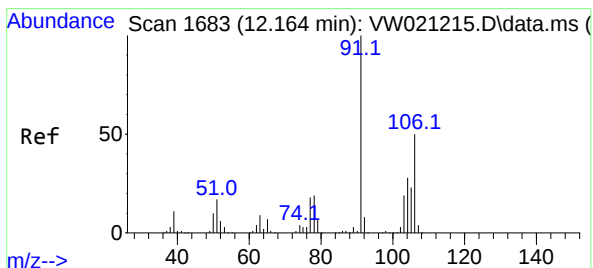
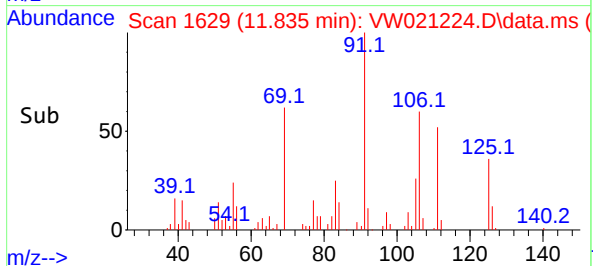
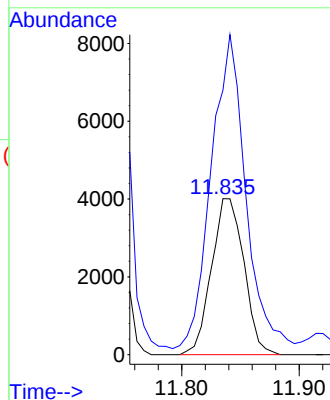
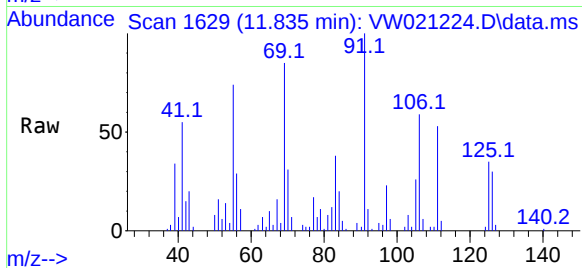
BGKS0

Tgt Ion:106 Resp: 7691

Ion Ratio Lower Upper

106 100

91 169.5 149.9 278.3



#54

o-Xylene

Concen: 1.566 ug/L

RT: 12.164 min Scan# 1683

Delta R.T. -0.000 min

Lab File: VW021224.D

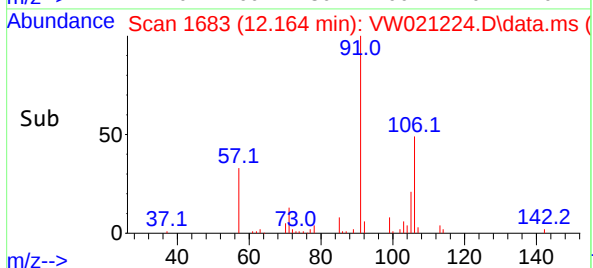
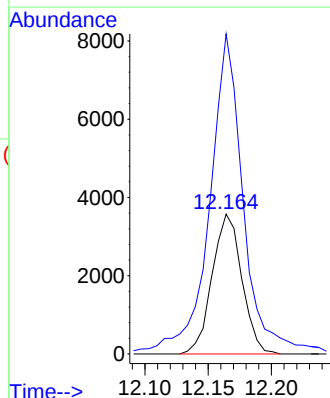
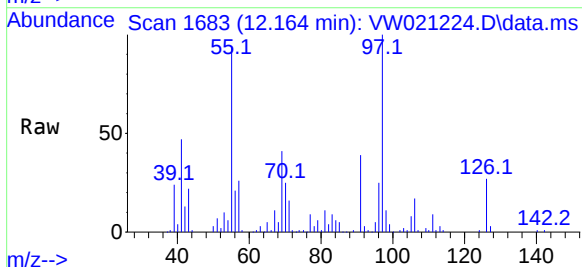
Acq: 08 Dec 2021 12:54

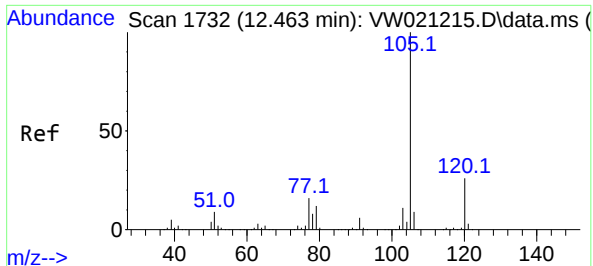
Tgt Ion:106 Resp: 5834

Ion Ratio Lower Upper

106 100

91 228.8 153.6 285.3

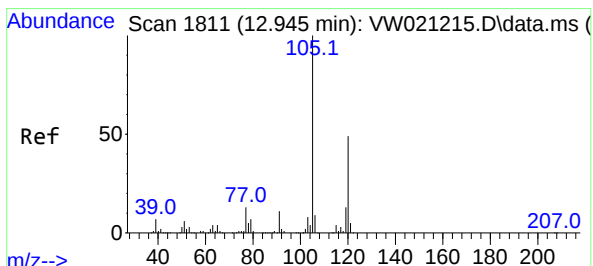
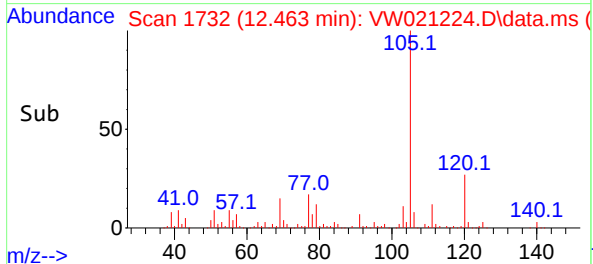
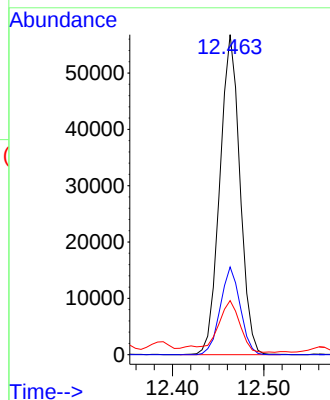
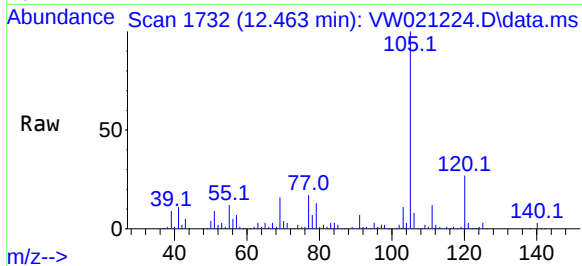




#60
Isopropylbenzene
Concen: 8.395 ug/L
RT: 12.463 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW021224.D
Acq: 08 Dec 2021 12:54

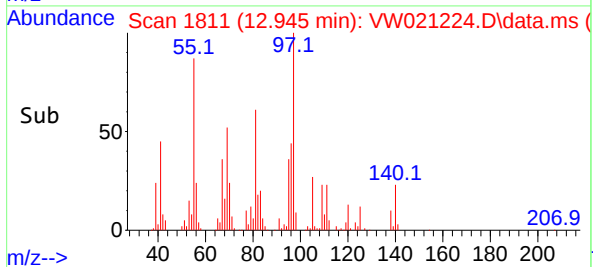
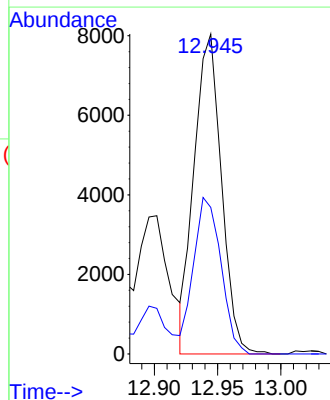
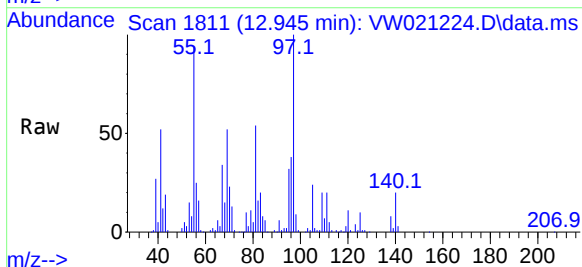
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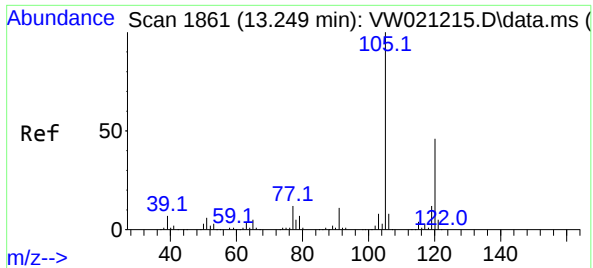
Tgt Ion:105 Resp: 86969
Ion Ratio Lower Upper
105 100
120 27.1 20.1 30.1
77 16.7 13.8 20.8



#62
1,3,5-Trimethylbenzene
Concen: 1.392 ug/L
RT: 12.945 min Scan# 1811
Delta R.T. -0.000 min
Lab File: VW021224.D
Acq: 08 Dec 2021 12:54

Tgt Ion:105 Resp: 12080
Ion Ratio Lower Upper
105 100
120 49.0 37.4 56.2





#63
 1,2,4-Trimethylbenzene
 Concen: 16.723 ug/L
 RT: 13.249 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW021224.D
 Acq: 08 Dec 2021 12:54

Instrument :
 MSVOA_W
 ClientSampleId :
 BGKS0

Tgt Ion:105 Resp: 145911

Ion	Ratio	Lower	Upper
105	100		
120	46.3	35.0	52.6

