

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122021\
 Data File : VW021501.D
 Acq On : 20 Dec 2021 16:24
 Operator : SY/VA
 Sample : VIBLK554
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK554

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/06/2022
 Supervised By :Semsettin Yesilyurt 01/07/2022

Quant Time: Dec 20 18:54:10 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	8.842	114	174925	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	169379	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	100067	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	45668	14.335	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	57.320%		
7) Chloroethane-d5	2.879	69	30911	14.677	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	58.720%		
11) 1,1-Dichloroethene-d2	4.013	63	73019	17.192	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	68.760%		
21) 2-Butanone-d5	7.080	46	24410	54.356	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	108.720%		
24) Chloroform-d	7.647	84	111402	22.853	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	91.400%		
26) 1,2-Dichloroethane-d4	8.305	65	58191	22.441	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	89.760%		
32) Benzene-d6	8.275	84	236508	25.474	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	101.880%		
36) 1,2-Dichloropropane-d6	9.275	67	64608	25.948	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	103.800%		
41) Toluene-d8	10.323	98	238278	25.119	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	100.480%		
43) trans-1,3-Dichloroprop...	10.579	79	27647	24.115	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	96.440%		
47) 2-Hexanone-d5	10.927	63	21973	59.678	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	119.360%		
56) 1,1,2,2-Tetrachloroeth...	12.689	84	51337	23.984	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	95.920%		
66) 1,2-Dichlorobenzene-d4	13.853	152	91892	23.695	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	94.760%		
Target Compounds					Qvalue	
13) Acetone	4.135	43	1681	4.176	ug/L	77
42) Toluene	10.390	91	17390	1.611	ug/L	95
52) Ethylbenzene	11.731	91	31033	2.516	ug/L	97
53) m,p-Xylene	11.835	106	48657	9.781	ug/L	97
54) o-Xylene	12.164	106	13433	2.845	ug/L	86
60) Isopropylbenzene	12.463	105	28686m	2.110	ug/L	
62) 1,3,5-Trimethylbenzene	12.945	105	18857	1.630	ug/L	92
63) 1,2,4-Trimethylbenzene	13.249	105	66859	5.858	ug/L	93

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

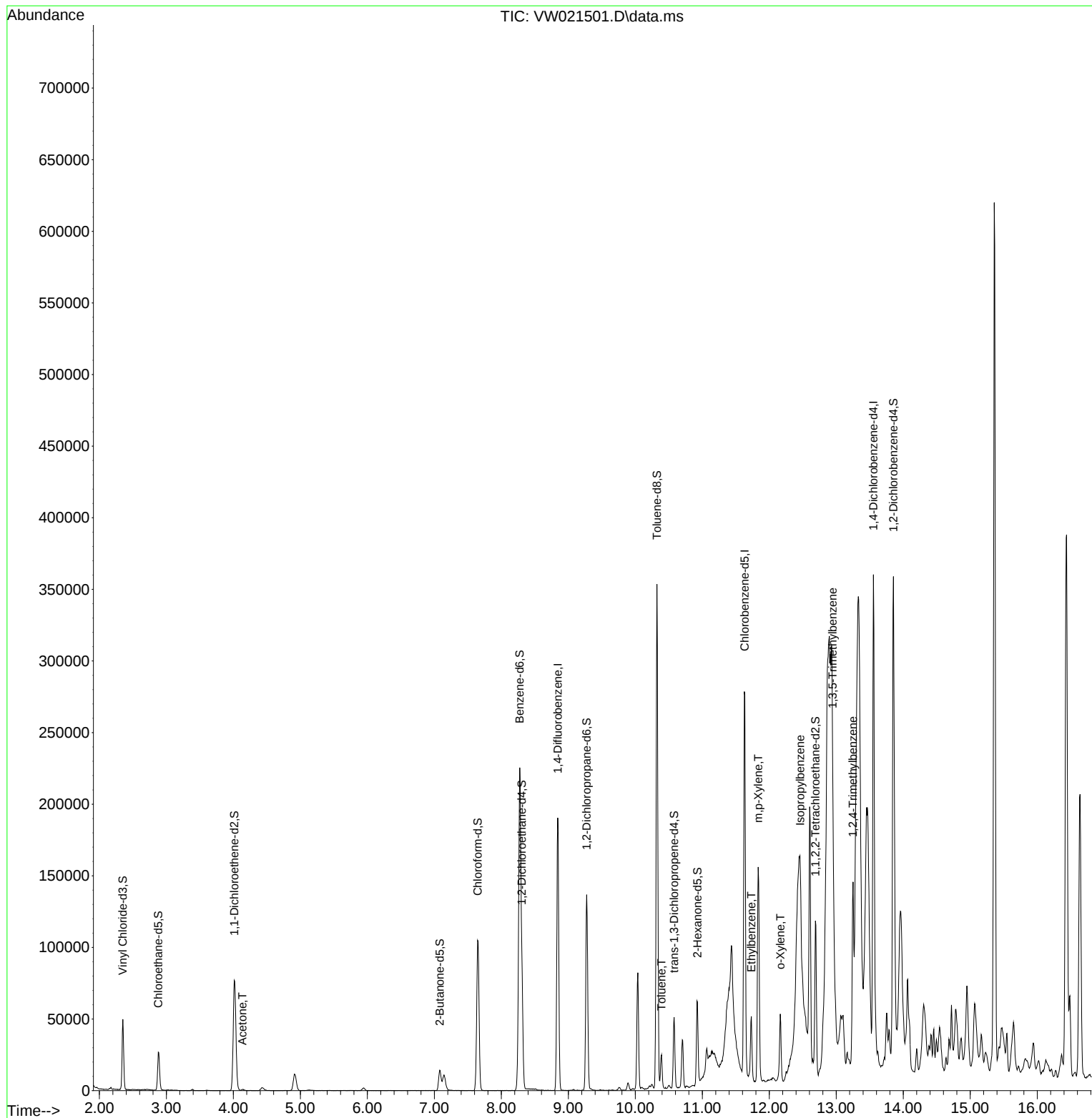
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122021\
Data File : VW021501.D
Acq On : 20 Dec 2021 16:24
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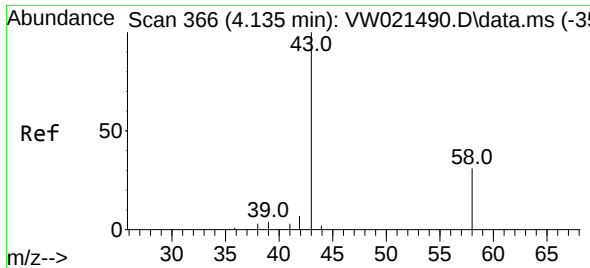
Instrument :
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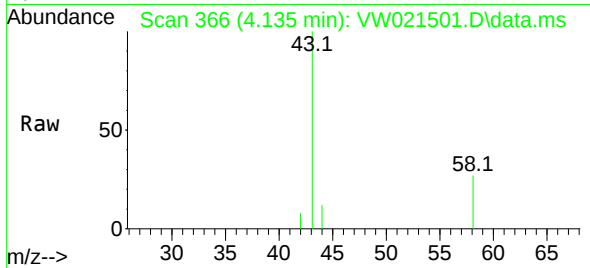
Quant Time: Dec 20 18:54:10 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Dec 18 00:55:20 2021
Response via : Initial Calibration





#13
Acetone
Concen: 4.176 ug/L
RT: 4.135 min Scan# 366
Delta R.T. 0.018 min
Lab File: VW021501.D
Acq: 20 Dec 2021 16:24

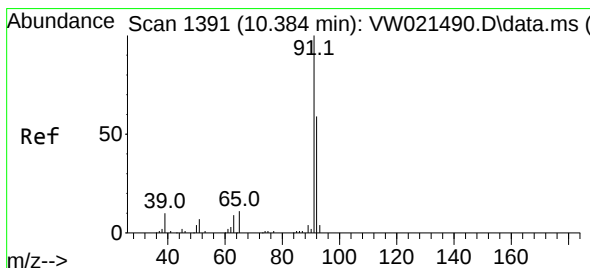
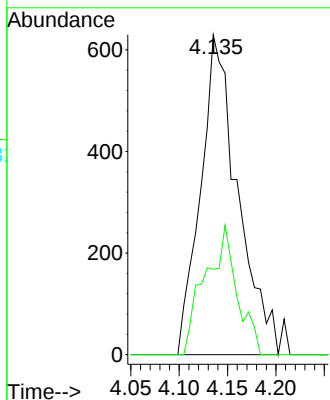
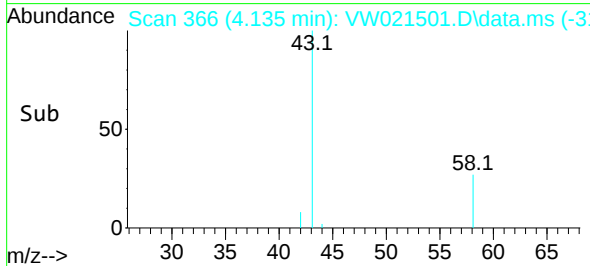
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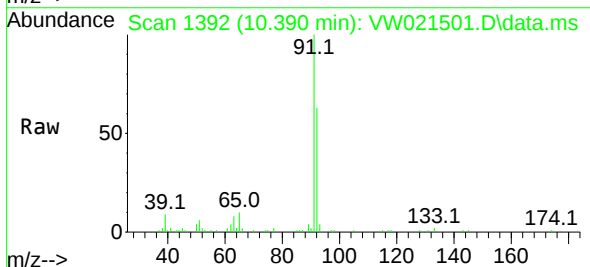
Tgt Ion: 43 Resp: 168
Ion Ratio Lower Upper
43 100
58 14.6 0.0 52.8

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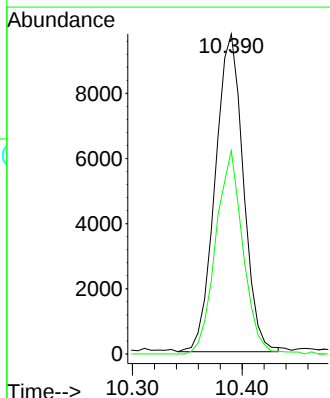
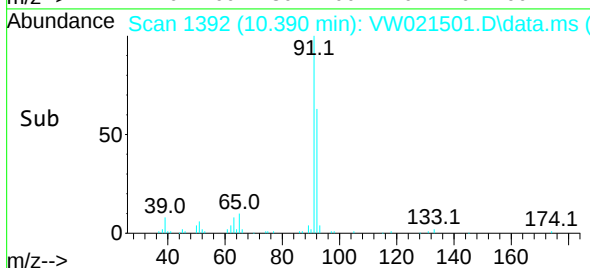
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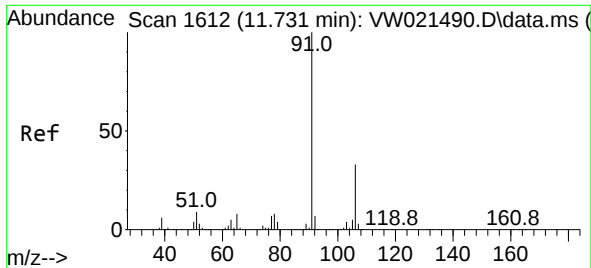


#42
Toluene
Concen: 1.611 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.006 min
Lab File: VW021501.D
Acq: 20 Dec 2021 16:24



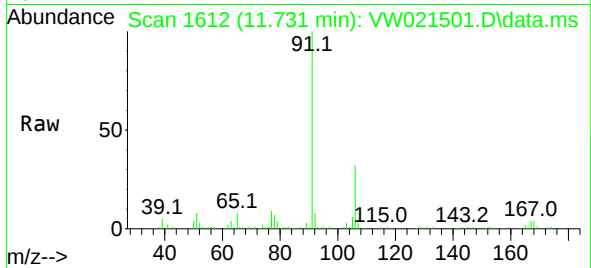
Tgt Ion: 91 Resp: 17390
Ion Ratio Lower Upper
91 100
92 63.5 41.7 77.5





#52
Ethylbenzene
Concen: 2.516 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW021501.D
Acq: 20 Dec 2021 16:24

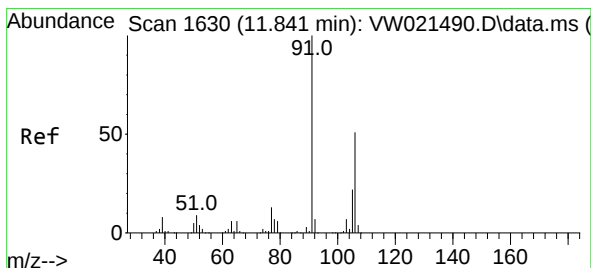
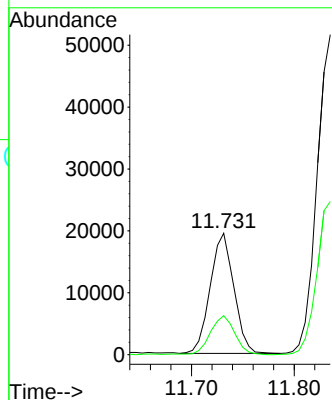
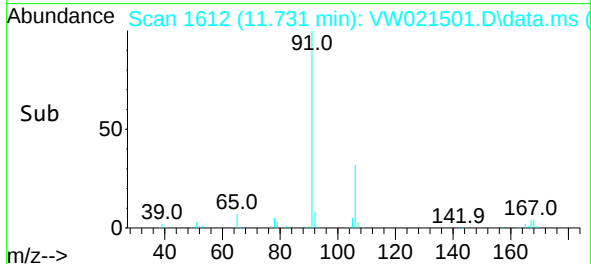
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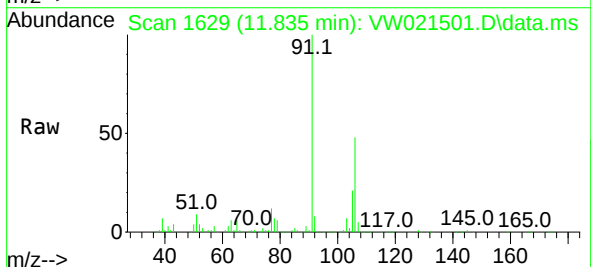
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Ion Ratio Lower Upper
91 100
106 32.1 21.5 39.9

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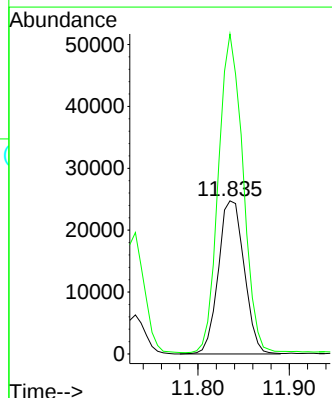
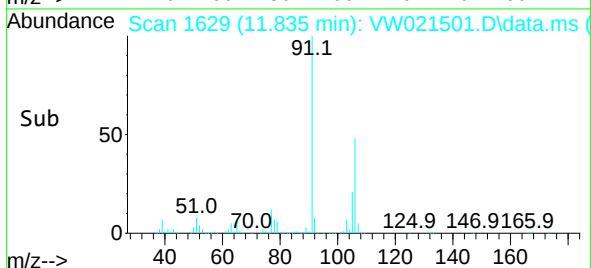
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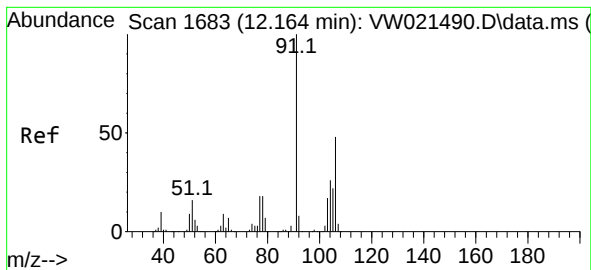


#53
m,p-Xylene
Concen: 9.781 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW021501.D
Acq: 20 Dec 2021 16:24



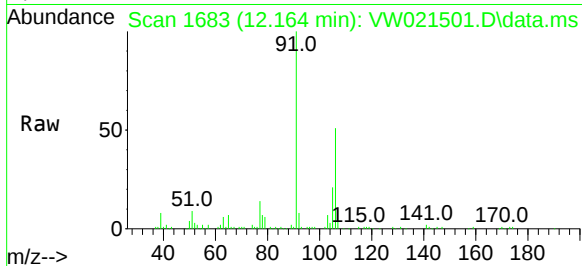
Tgt Ion:106 Resp: 48657
Ion Ratio Lower Upper
106 100
91 208.9 149.9 278.3





#54
o-Xylene
Concen: 2.845 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW021501.D
Acq: 20 Dec 2021 16:24

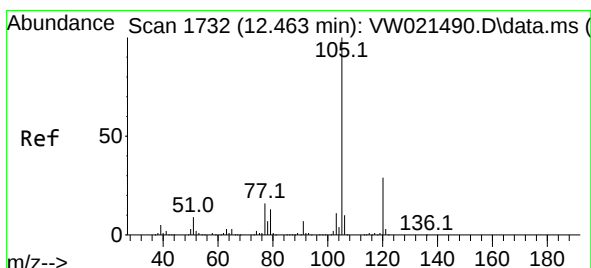
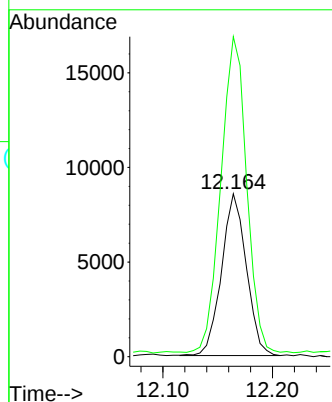
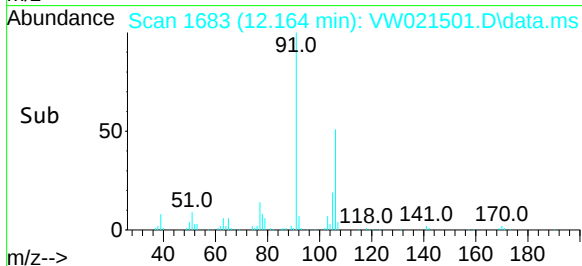
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Tgt Ion:106 Resp: 1343
Ion Ratio Lower Upper
106 100
91 196.4 153.6 285.3

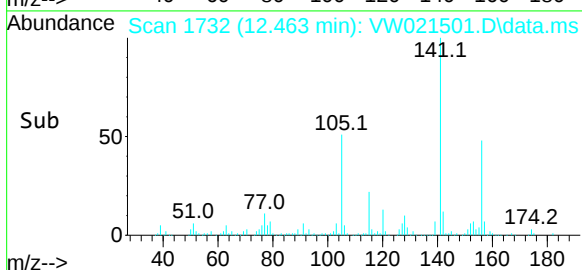
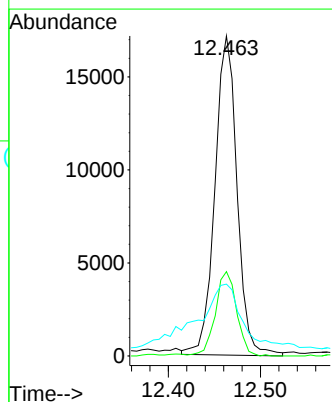
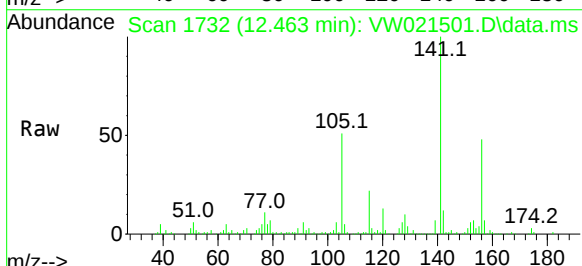
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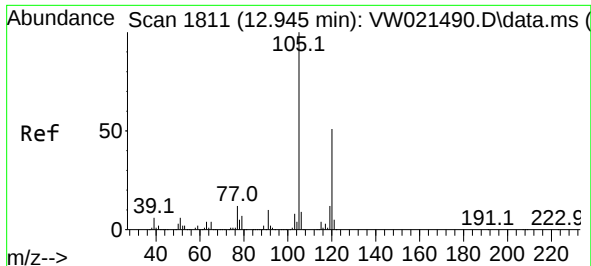
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#60
Isopropylbenzene
Concen: 2.110 ug/L m
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW021501.D
Acq: 20 Dec 2021 16:24

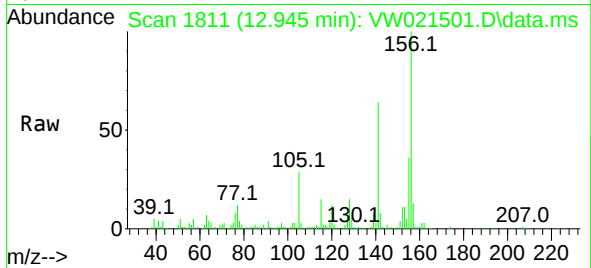
Tgt Ion:105 Resp: 28686
Ion Ratio Lower Upper
105 100
120 12.5 20.1 30.1#
77 5.9 13.8 20.8#





#62
1,3,5-Trimethylbenzene
Concen: 1.630 ug/L
RT: 12.945 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VW021501.D
Acq: 20 Dec 2021 16:24

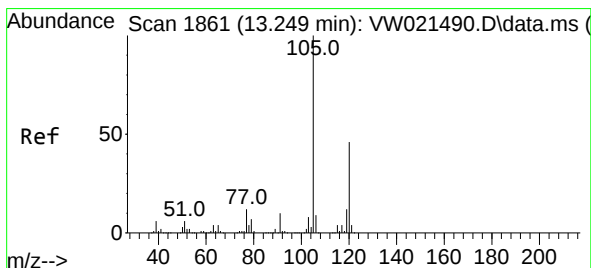
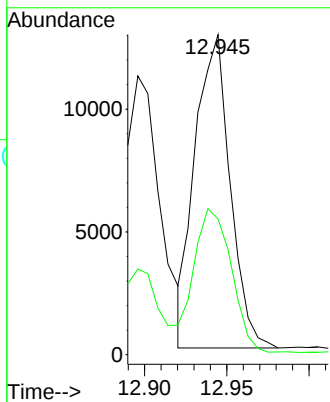
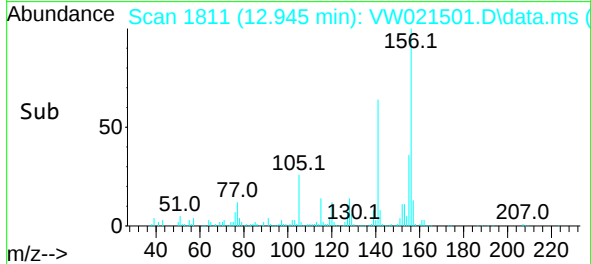
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Tgt Ion:105 Resp: 1885
Ion Ratio Lower Upper
105 100
120 52.1 37.4 56.2

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#63
1,2,4-Trimethylbenzene
Concen: 5.858 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW021501.D
Acq: 20 Dec 2021 16:24

Tgt Ion:105 Resp: 66859
Ion Ratio Lower Upper
105 100
120 48.0 35.0 52.6

