

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122021\
 Data File : VW021499.D
 Acq On : 20 Dec 2021 15:37
 Operator : SY/VA
 Sample : VIBLK553
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK553

Quant Time: Dec 20 18:53:48 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)

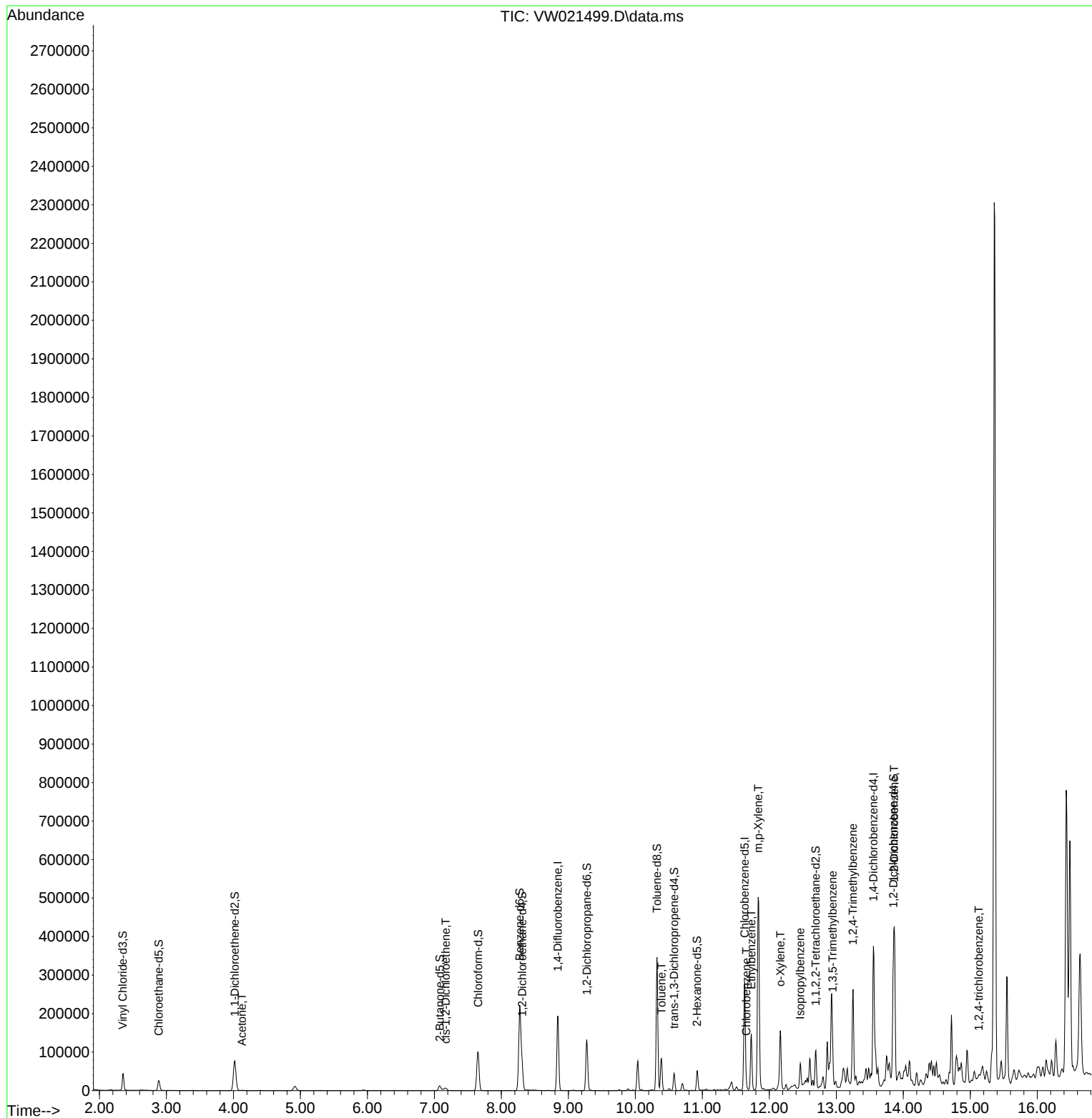
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	176510	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	170706	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	98147	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	41244	12.830	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	51.320%		
7) Chloroethane-d5	2.885	69	30605	14.401	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	57.600%		
11) 1,1-Dichloroethene-d2	4.019	63	70828	16.526	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	66.120%		
21) 2-Butanone-d5	7.080	46	21199	46.782	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	93.560%		
24) Chloroform-d	7.653	84	108064	21.969	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	87.880%		
26) 1,2-Dichloroethane-d4	8.311	65	54373	20.781	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	83.120%		
32) Benzene-d6	8.275	84	230708	24.656	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	98.640%		
36) 1,2-Dichloropropane-d6	9.274	67	61897	24.666	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	98.680%		
41) Toluene-d8	10.323	98	232003	24.267	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	97.080%		
43) trans-1,3-Dichloroprop...	10.579	79	25034	21.666	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	86.680%		
47) 2-Hexanone-d5	10.920	63	19264	51.914	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	103.820%		
56) 1,1,2,2-Tetrachloroeth...	12.695	84	45616	21.146	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	84.600%		
66) 1,2-Dichlorobenzene-d4	13.853	152	86109	22.638	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	90.560%		
Target Compounds					Qvalue	
13) Acetone	4.129	43	2156	5.307	ug/L	90
20) cis-1,2-Dichloroethene	7.171	96	3611	1.445	ug/L	83
42) Toluene	10.390	91	66307	6.097	ug/L	98
51) Chlorobenzene	11.658	112	6198	0.851	ug/L #	85
52) Ethylbenzene	11.731	91	104274	8.390	ug/L	97
53) m,p-Xylene	11.835	106	163481	32.606	ug/L	86
54) o-Xylene	12.164	106	42872	9.010	ug/L	98
60) Isopropylbenzene	12.463	105	40882	3.065	ug/L	94
62) 1,3,5-Trimethylbenzene	12.944	105	41106	3.622	ug/L	92
63) 1,2,4-Trimethylbenzene	13.249	105	144132	12.875	ug/L	91
67) 1,2-Dichlorobenzene	13.865	146	7042	1.272	ug/L #	83
70) 1,2,4-trichlorobenzene	15.127	180	4815	1.273	ug/L #	84

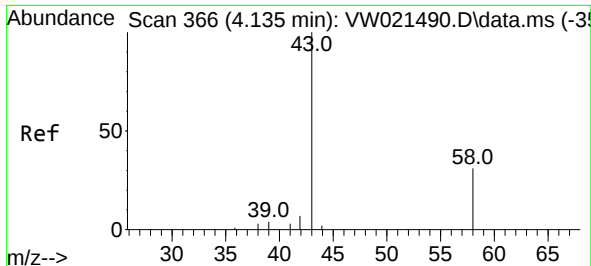
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Sat Dec 18 00:55:20 2021
Response via : Initial Calibration





#13

Acetone

Concen: 5.307 ug/L

RT: 4.129 min Scan# 3

Delta R.T. 0.012 min

Lab File: VW021499.D

Acq: 20 Dec 2021 15:37

Instrument :

MSVOA_W

ClientSampleId :

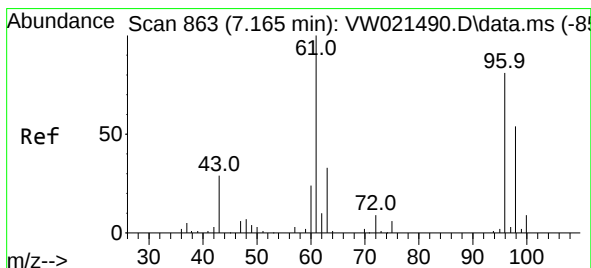
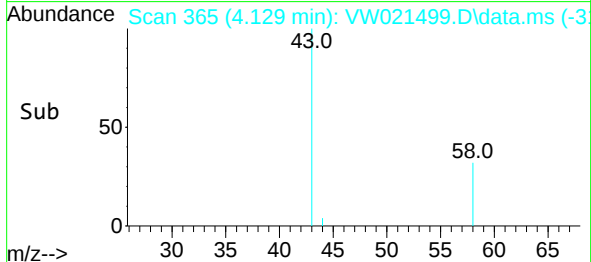
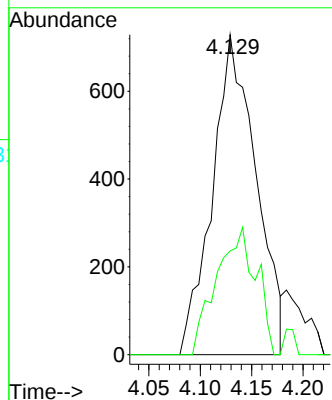
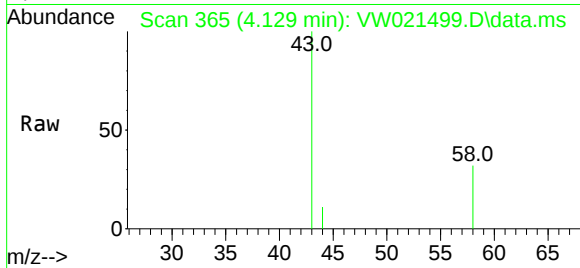
VIBLK553

Tgt Ion: 43 Resp: 2156

Ion Ratio Lower Upper

43 100

58 31.4 0.0 52.8



#20

cis-1,2-Dichloroethene

Concen: 1.445 ug/L

RT: 7.171 min Scan# 864

Delta R.T. -0.000 min

Lab File: VW021499.D

Acq: 20 Dec 2021 15:37

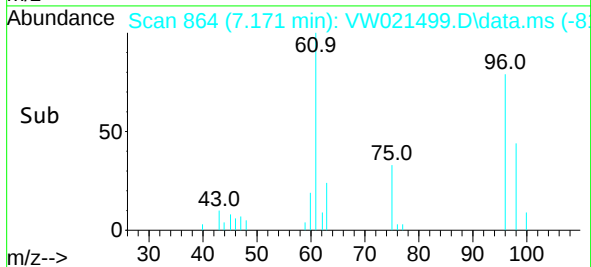
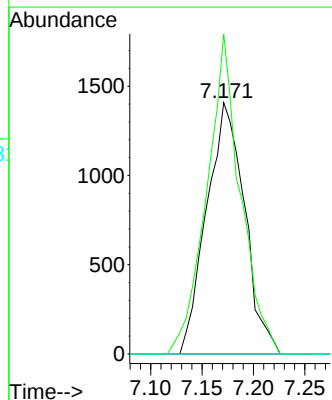
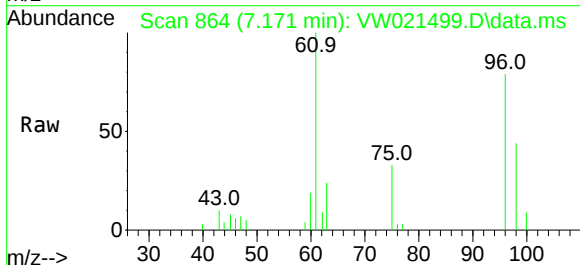
Tgt Ion: 96 Resp: 3611

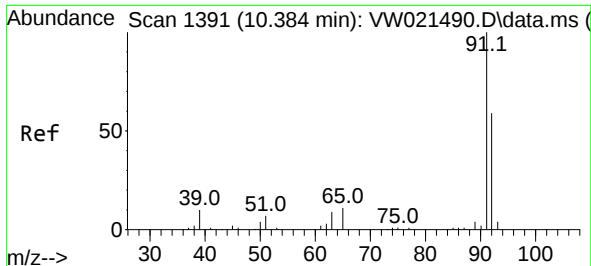
Ion Ratio Lower Upper

96 100

61 127.3 103.7 192.7

68 0.0 0.0 0.0

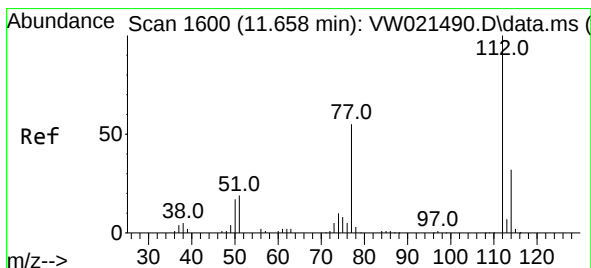
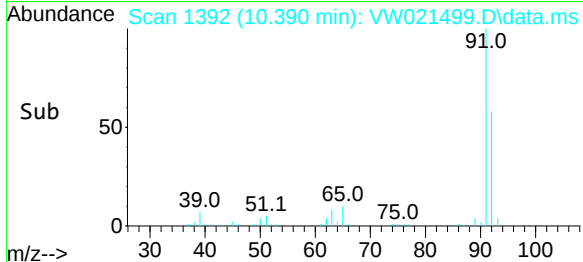
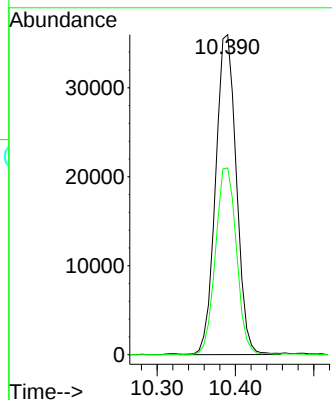
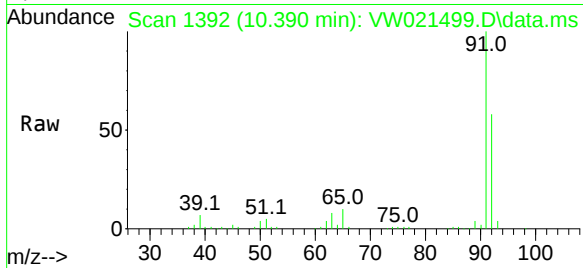




#42
Toluene
Concen: 6.097 ug/L
RT: 10.390 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW021499.D
Acq: 20 Dec 2021 15:37

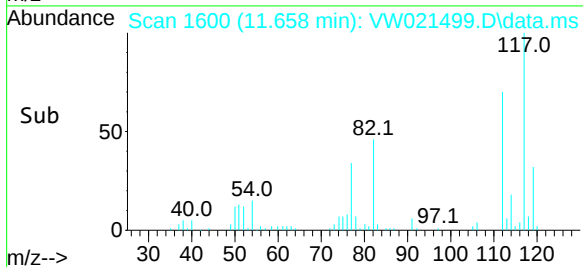
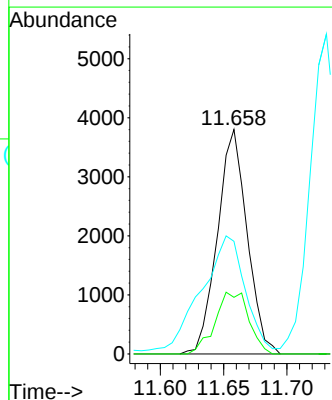
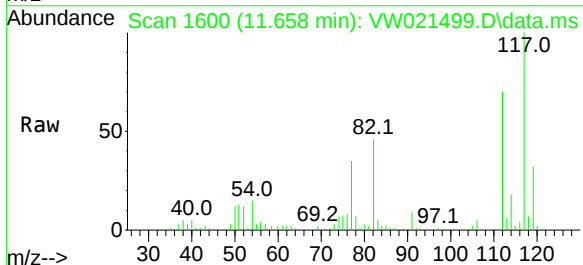
Instrument :
MSVOA_W
ClientSampleId :
VIBLK553

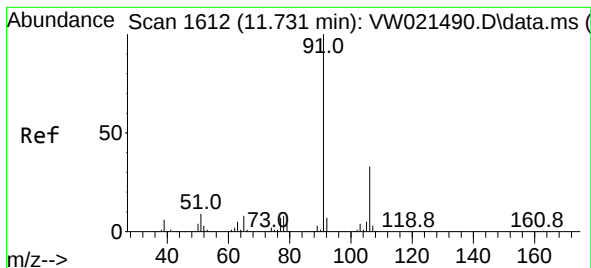
Tgt Ion: 91 Resp: 66307
Ion Ratio Lower Upper
91 100
92 58.4 41.7 77.5



#51
Chlorobenzene
Concen: 0.851 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VW021499.D
Acq: 20 Dec 2021 15:37

Tgt Ion: 112 Resp: 6198
Ion Ratio Lower Upper
112 100
114 25.2 22.4 41.6
77 50.1 50.2 75.4#

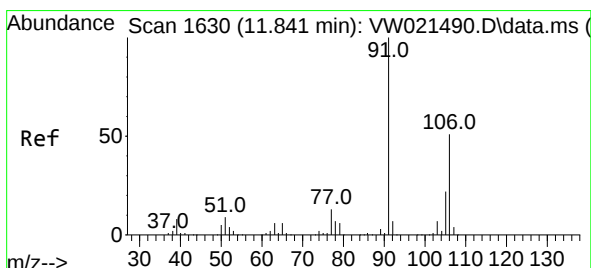
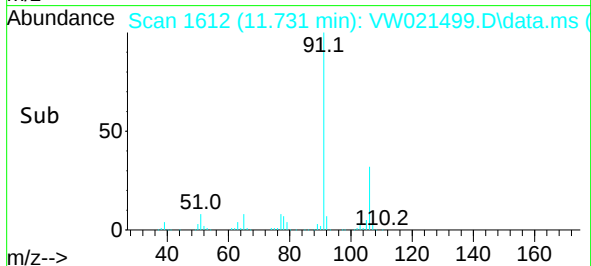
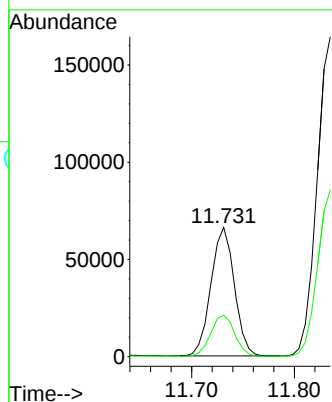
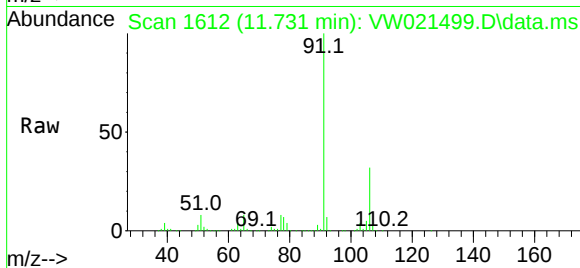




#52
Ethylbenzene
Concen: 8.390 ug/L
RT: 11.731 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW021499.D
Acq: 20 Dec 2021 15:37

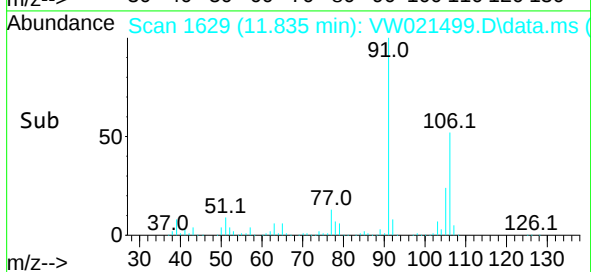
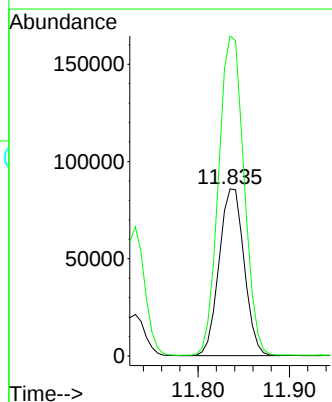
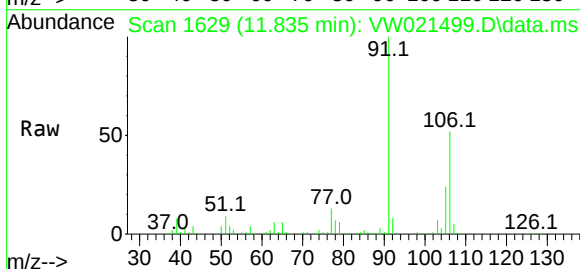
Instrument :
MSVOA_W
ClientSampleId :
VIBLK553

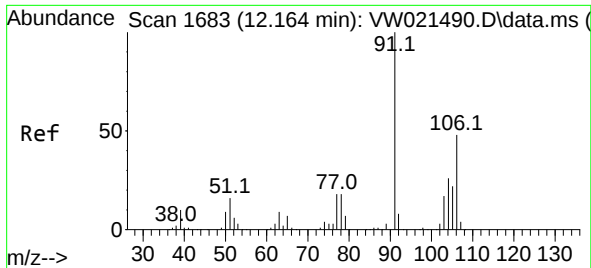
Tgt Ion: 91 Resp: 104274
Ion Ratio Lower Upper
91 100
106 32.1 21.5 39.9



#53
m,p-Xylene
Concen: 32.606 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW021499.D
Acq: 20 Dec 2021 15:37

Tgt Ion: 106 Resp: 163481
Ion Ratio Lower Upper
106 100
91 191.5 149.9 278.3

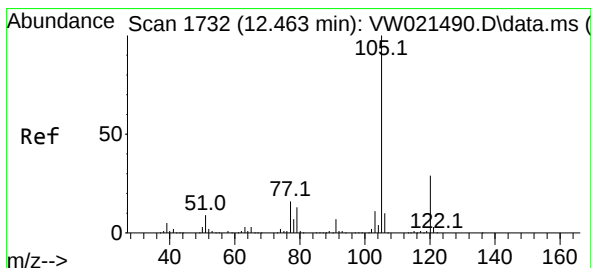
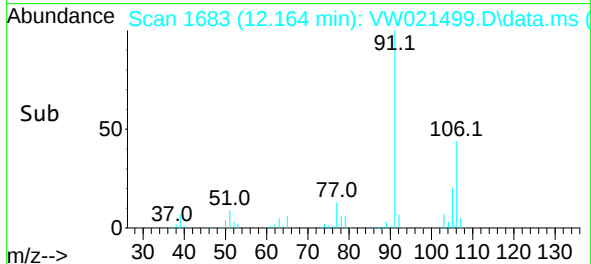
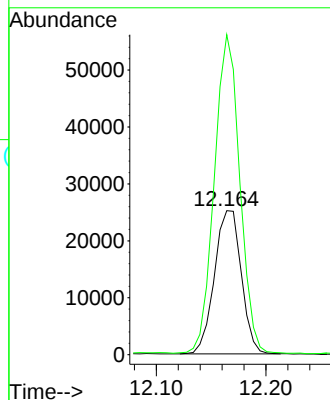
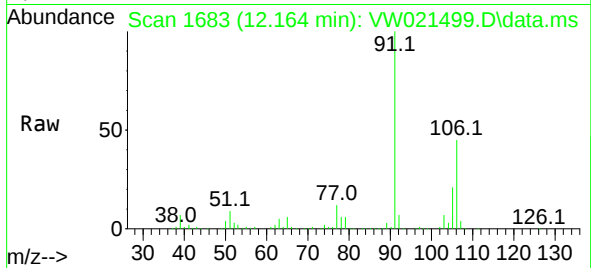




#54
o-Xylene
Concen: 9.010 ug/L
RT: 12.164 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW021499.D
Acq: 20 Dec 2021 15:37

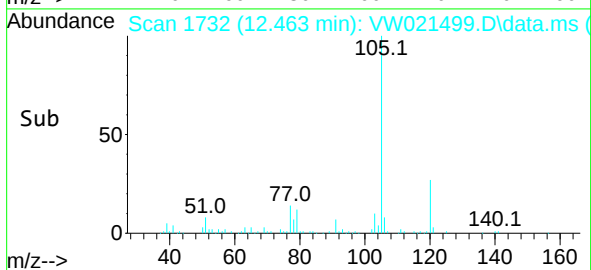
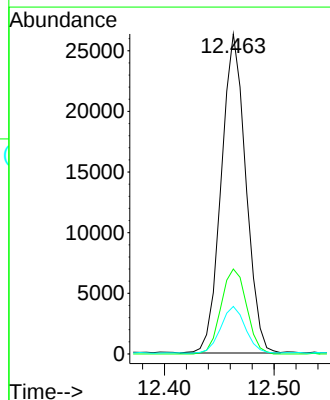
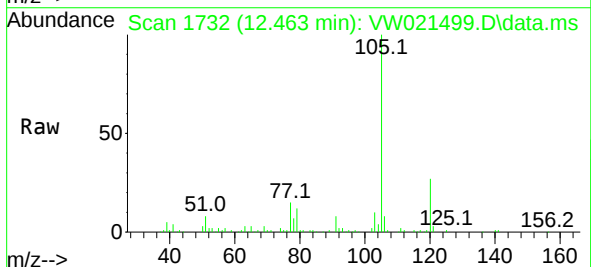
Instrument :
MSVOA_W
ClientSampleId :
VIBLK553

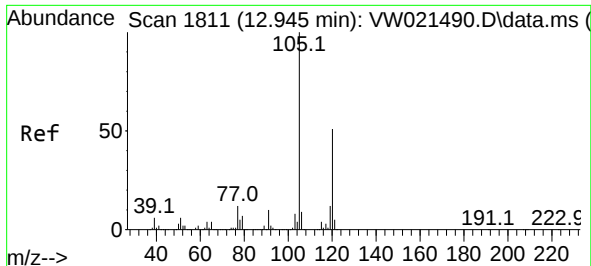
Tgt Ion:106 Resp: 42872
Ion Ratio Lower Upper
106 100
91 222.2 153.6 285.3



#60
Isopropylbenzene
Concen: 3.065 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW021499.D
Acq: 20 Dec 2021 15:37

Tgt Ion:105 Resp: 40882
Ion Ratio Lower Upper
105 100
120 27.7 20.1 30.1
77 14.7 13.8 20.8





#62

1,3,5-Trimethylbenzene

Concen: 3.622 ug/L

RT: 12.944 min Scan# 1811

Delta R.T. 0.006 min

Lab File: VW021499.D

Acq: 20 Dec 2021 15:37

Instrument :

MSVOA_W

ClientSampleId :

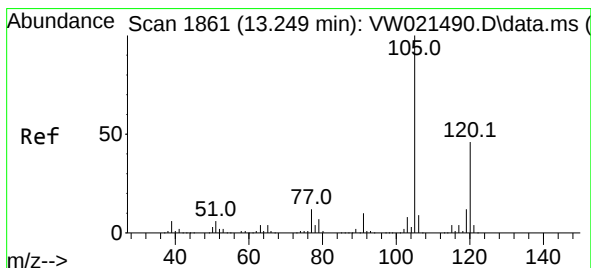
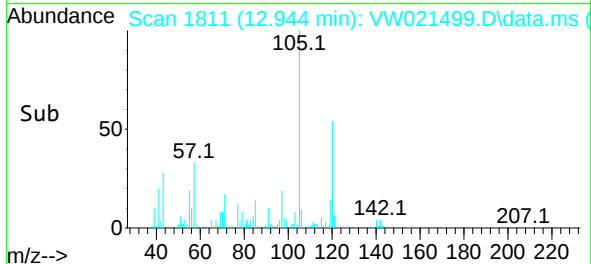
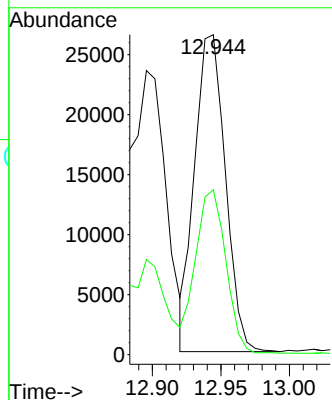
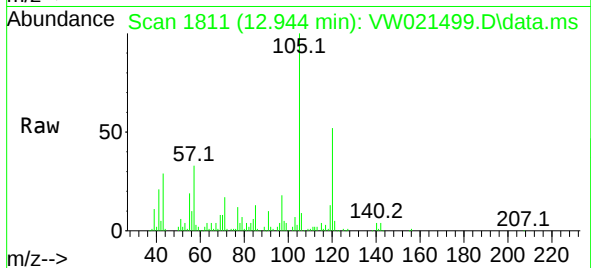
VIBLK553

Tgt Ion:105 Resp: 41106

Ion Ratio Lower Upper

105 100

120 51.9 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 12.875 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW021499.D

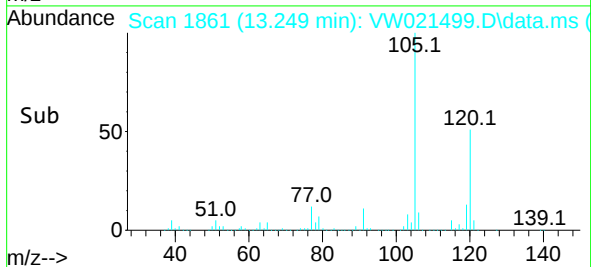
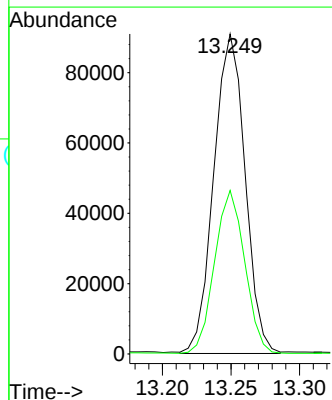
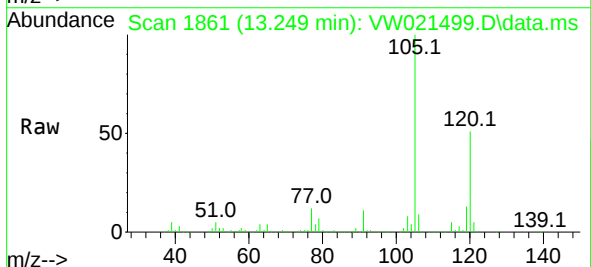
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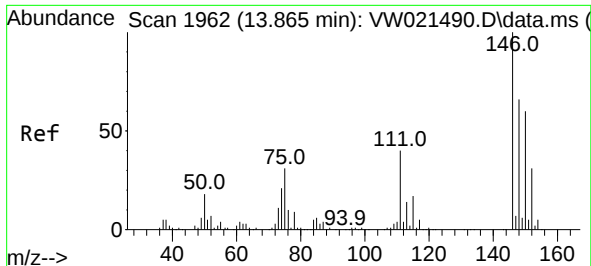
Tgt Ion:105 Resp: 144132

Ion Ratio Lower Upper

105 100

120 49.6 35.0 52.6





#67

1,2-Dichlorobenzene

Concen: 1.272 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW021499.D

Acq: 20 Dec 2021 15:37

Instrument :

MSVOA_W

ClientSampleId :

VIBLK553

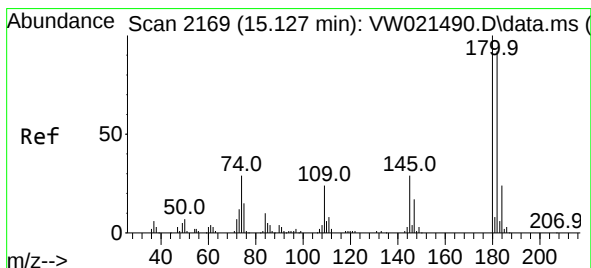
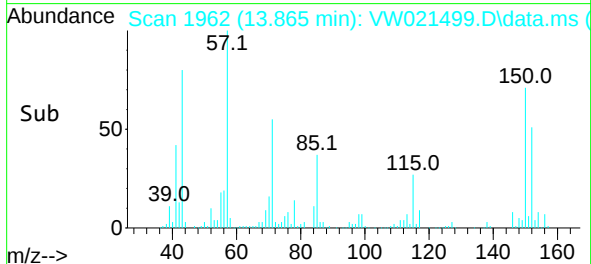
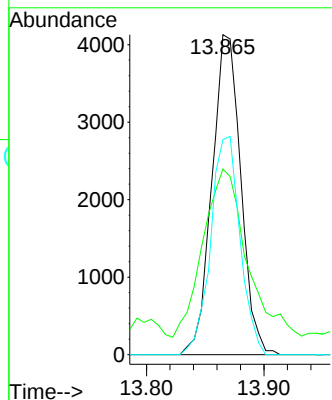
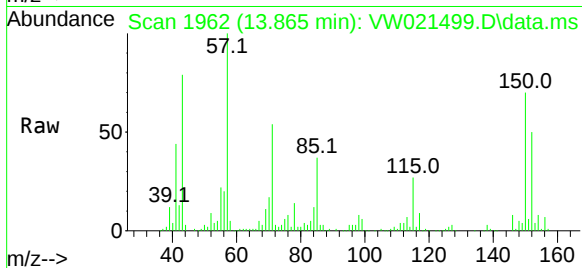
Tgt Ion:146 Resp: 7042

Ion Ratio Lower Upper

146 100

111 58.0 33.1 49.7#

148 67.2 47.4 71.2



#70

1,2,4-trichlorobenzene

Concen: 1.273 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. -0.006 min

Lab File: VW021499.D

Acq: 20 Dec 2021 15:37

Tgt Ion:180 Resp: 4815

Ion Ratio Lower Upper

180 100

182 99.1 79.0 118.6

145 67.7 26.0 39.0#

